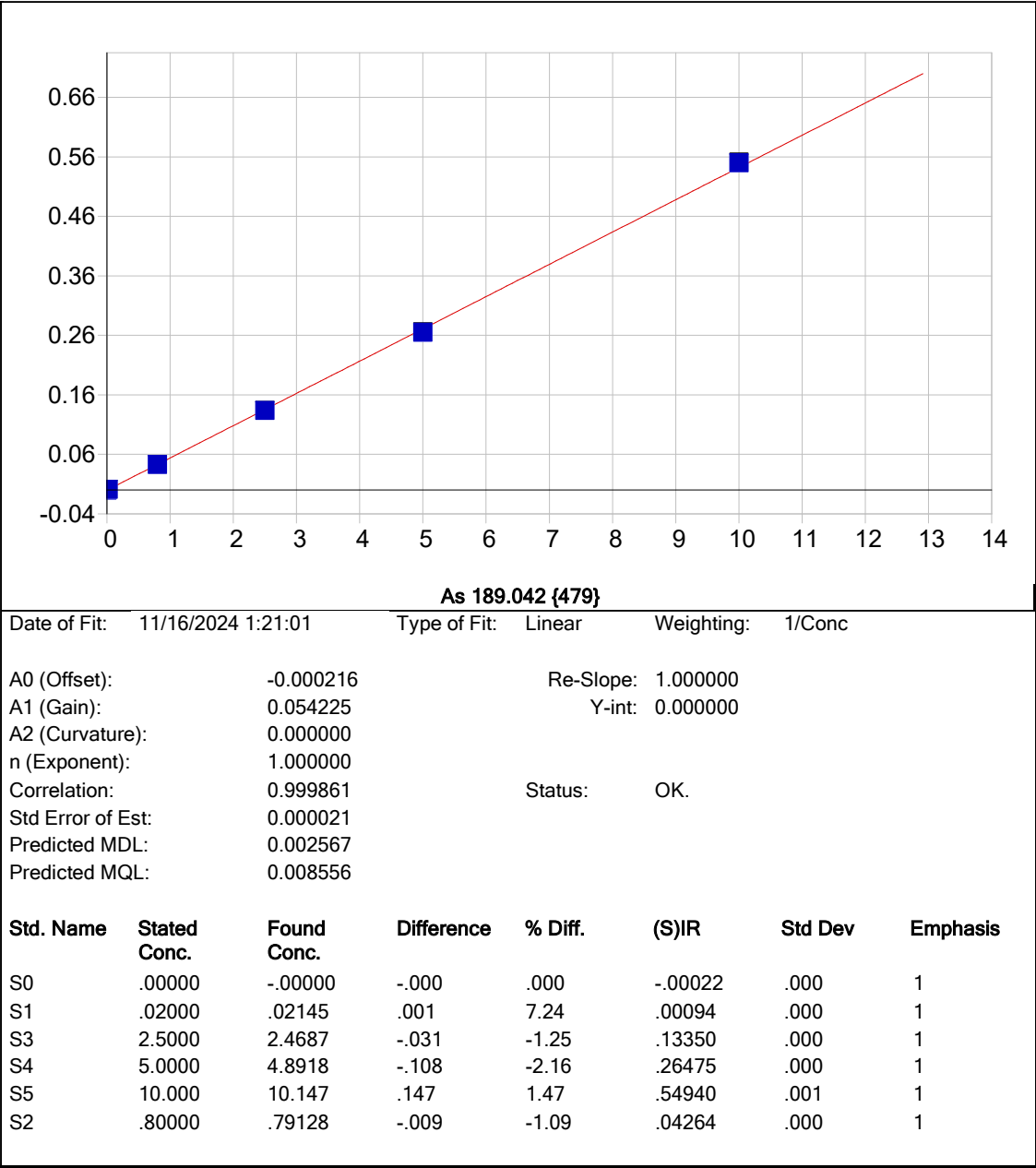
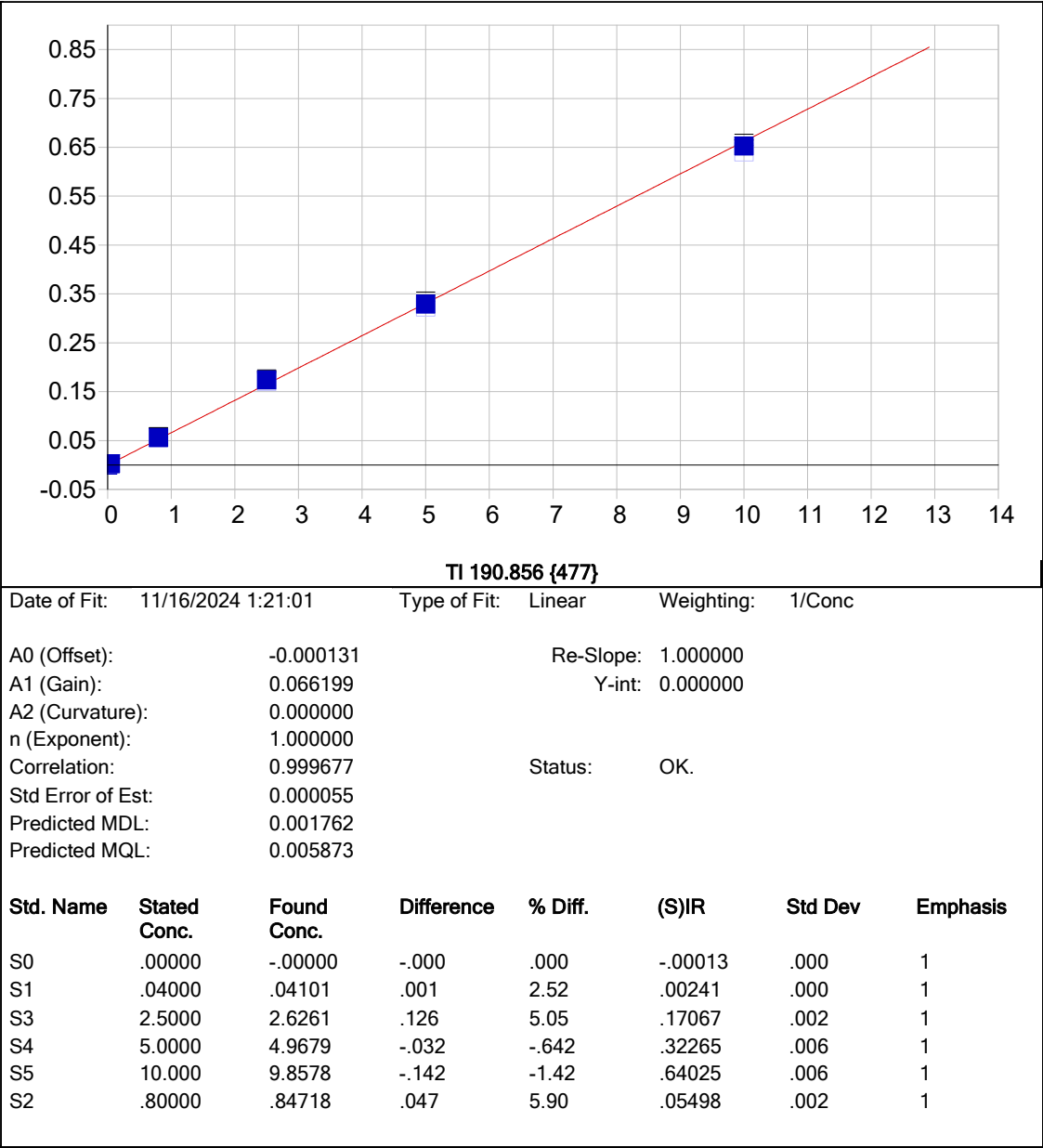
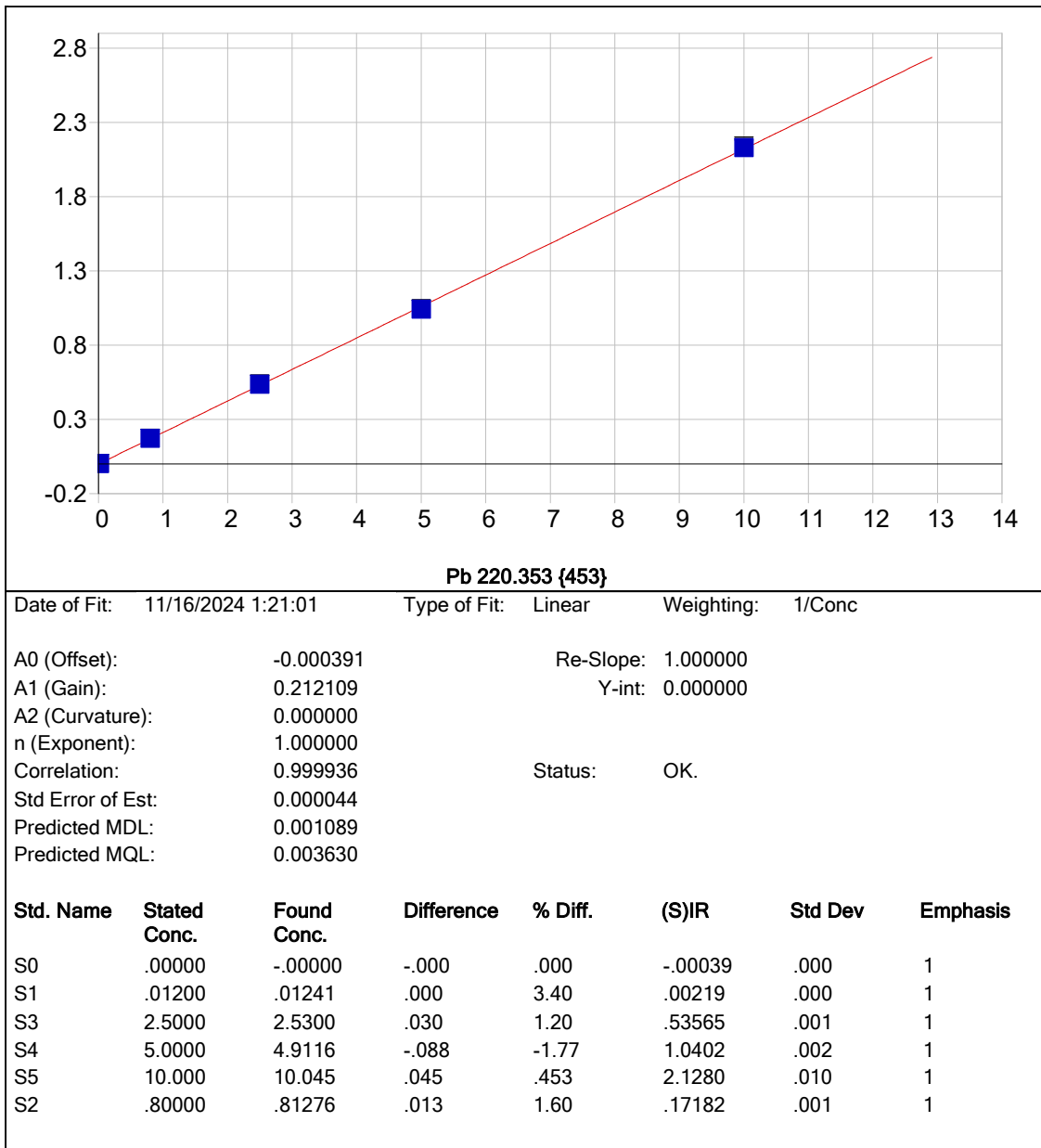




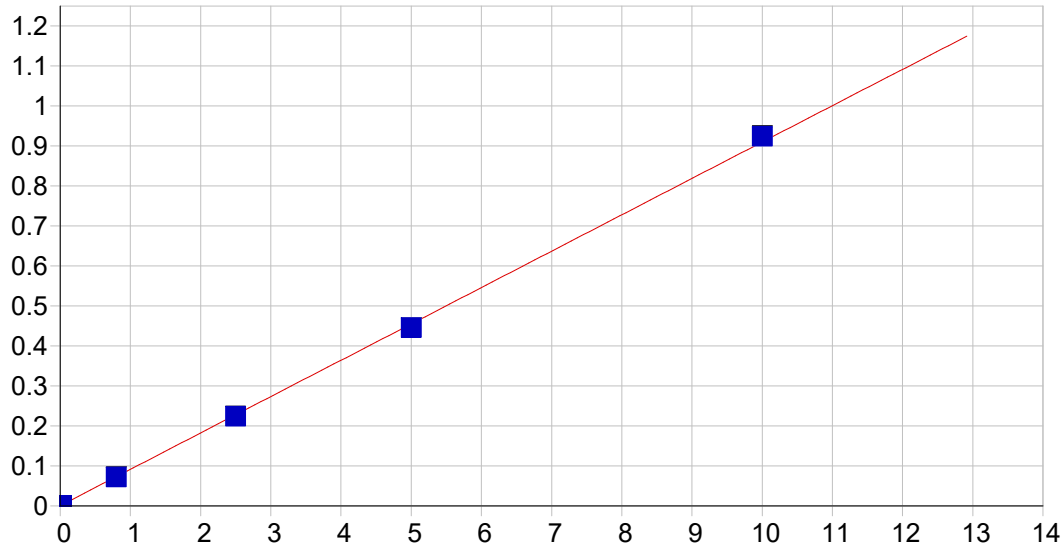






Date of Fit: 11/16/2024 1:21:01      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): -0.000391      Re-Slope: 1.000000  
A1 (Gain): 0.212109      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999936      Status: OK.  
Std Error of Est: 0.000044  
Predicted MDL: 0.001089  
Predicted MQL: 0.003630

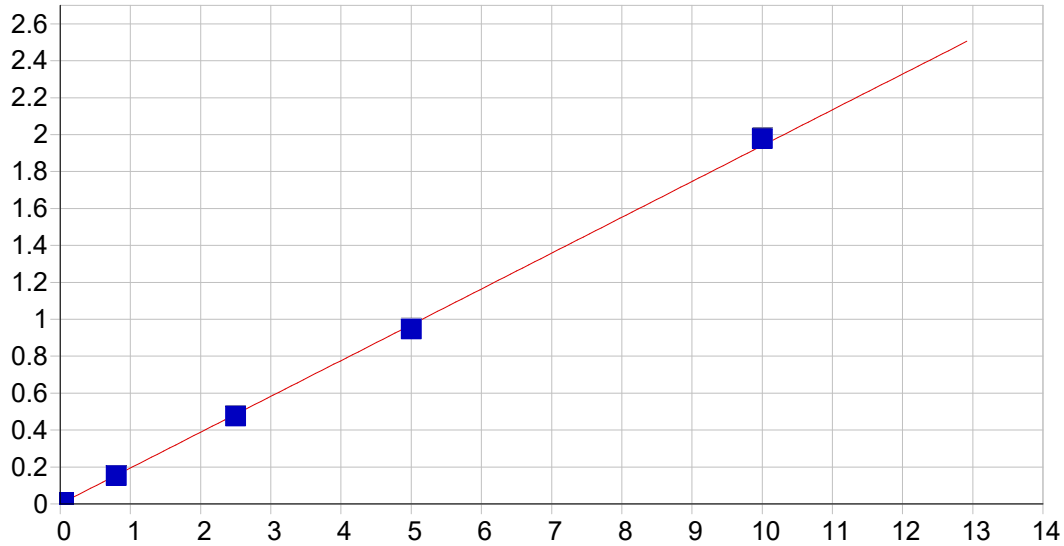


Se 196.090 {472}

Date of Fit: 11/16/2024 1:21:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000490 Re-Slope: 1.000000  
A1 (Gain): 0.090935 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999848 Status: OK.  
Std Error of Est: 0.000037  
Predicted MDL: 0.002047  
Predicted MQL: 0.006824

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00049 | .000    | 1        |
| S1        | .02000       | .01920      | -.001      | -4.00   | .00224 | .000    | 1        |
| S3        | 2.5000       | 2.4596      | -.040      | -1.62   | .22409 | .000    | 1        |
| S4        | 5.0000       | 4.8939      | -.106      | -2.12   | .44540 | .000    | 1        |
| S5        | 10.000       | 10.158      | .158       | 1.58    | .92398 | .001    | 1        |
| S2        | .80000       | .78921      | -.011      | -1.35   | .07224 | .000    | 1        |

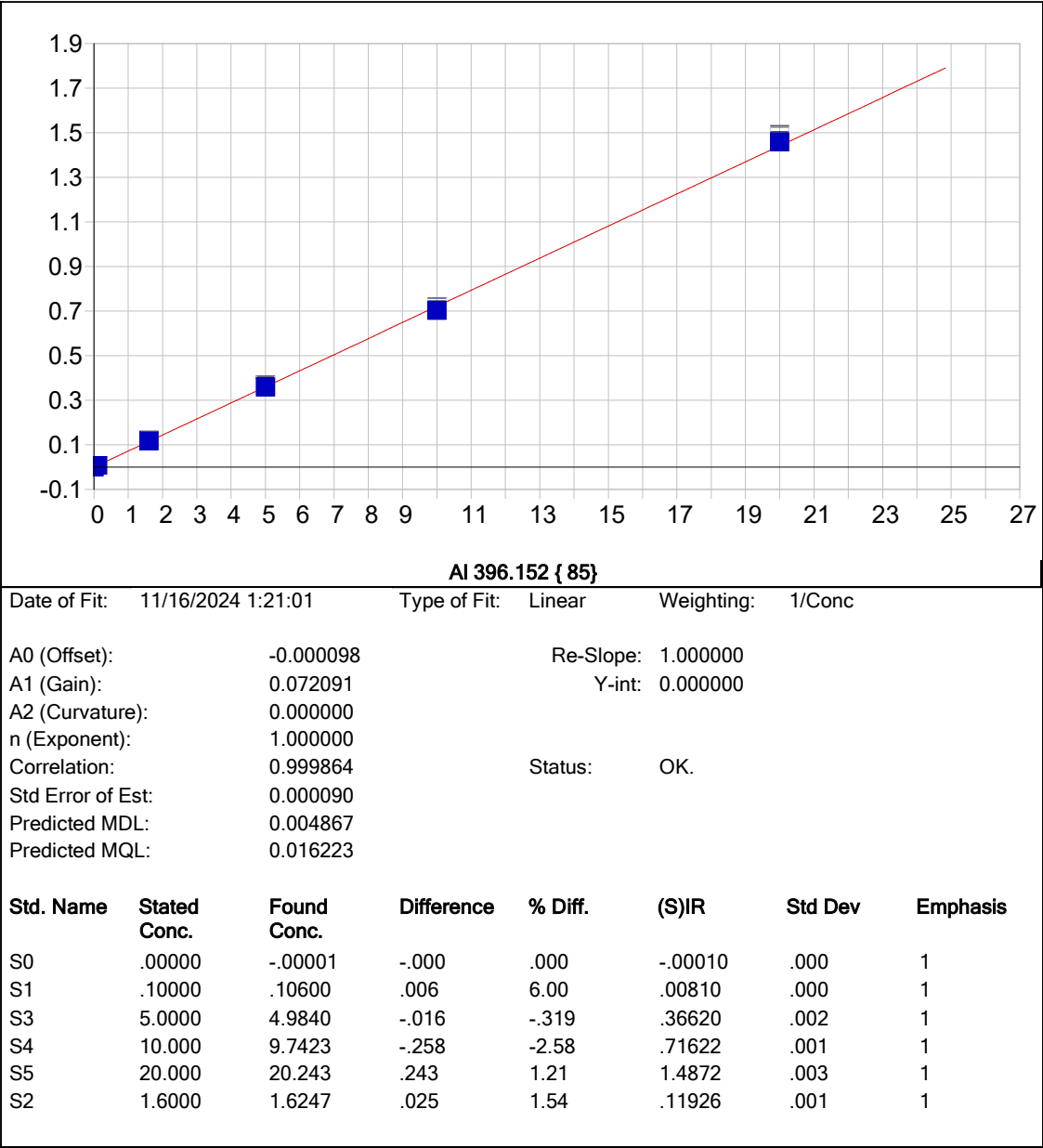


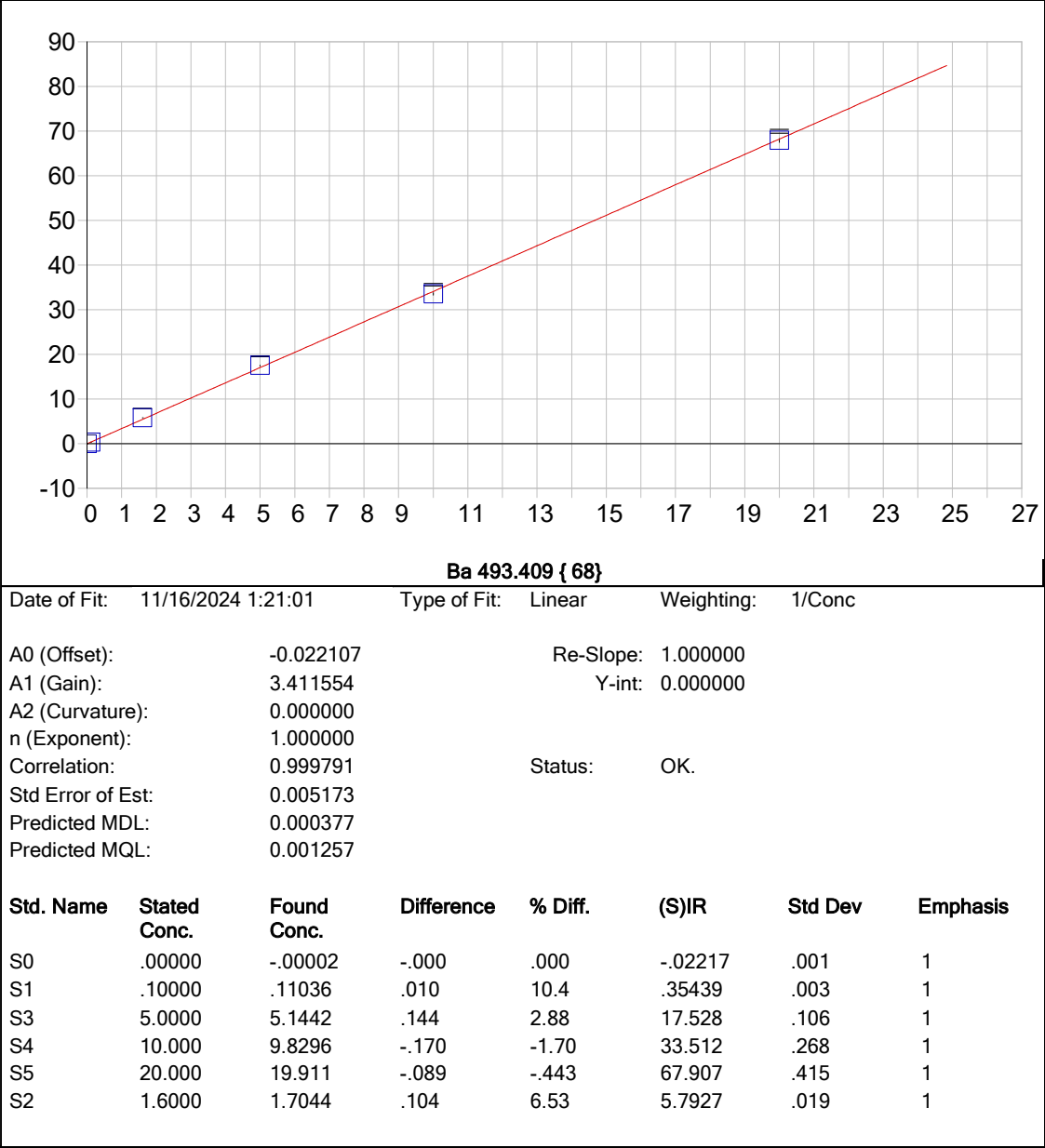
**Sb 206.833 {463}**

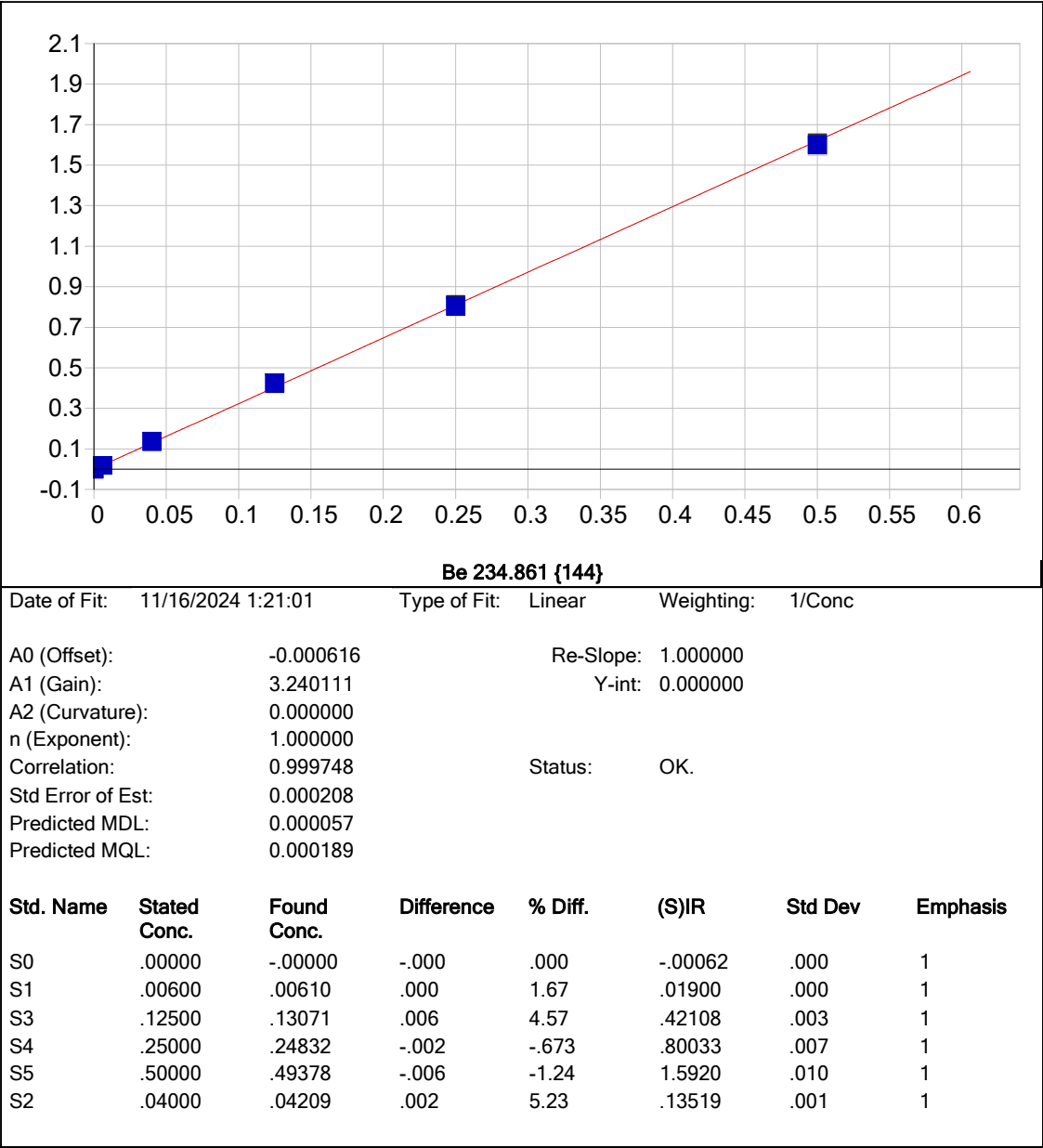
Date of Fit: 11/16/2024 1:21:01      Type of Fit: Linear      Weighting: 1/Conc

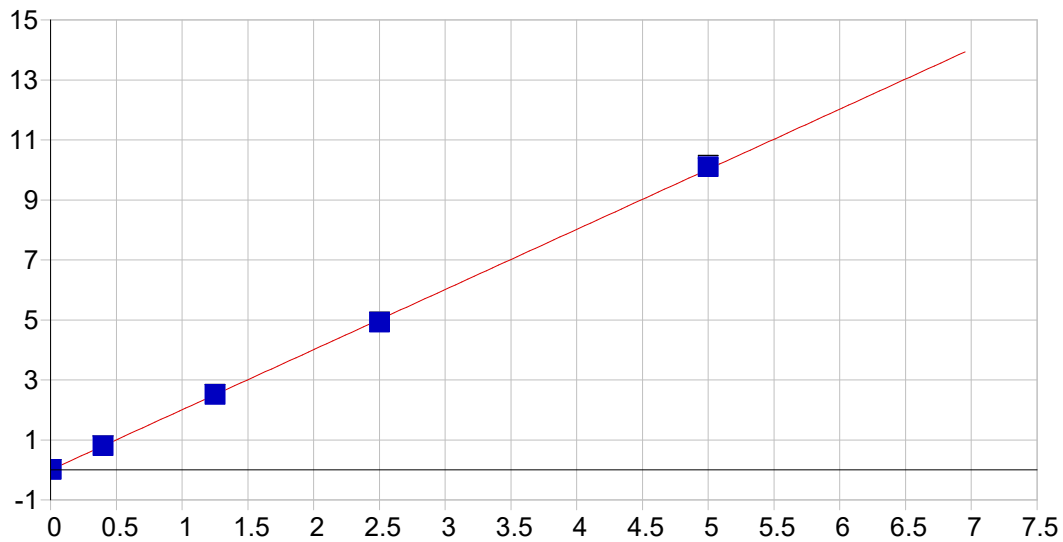
|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000178 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.193978 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999783 | Status:   | OK.      |
| Std Error of Est: | 0.000150 |           |          |
| Predicted MDL:    | 0.001153 |           |          |
| Predicted MQL:    | 0.003844 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00018 | .000    | 1        |
| S1        | .05000       | .05032      | .000       | .646    | .00996 | .000    | 1        |
| S3        | 2.5000       | 2.4453      | -.055      | -2.19   | .47584 | .001    | 1        |
| S4        | 5.0000       | 4.8788      | -.121      | -2.42   | .94919 | .002    | 1        |
| S5        | 10.000       | 10.190      | .190       | 1.90    | 1.9821 | .003    | 1        |
| S2        | .80000       | .78527      | -.015      | -1.84   | .15293 | .000    | 1        |







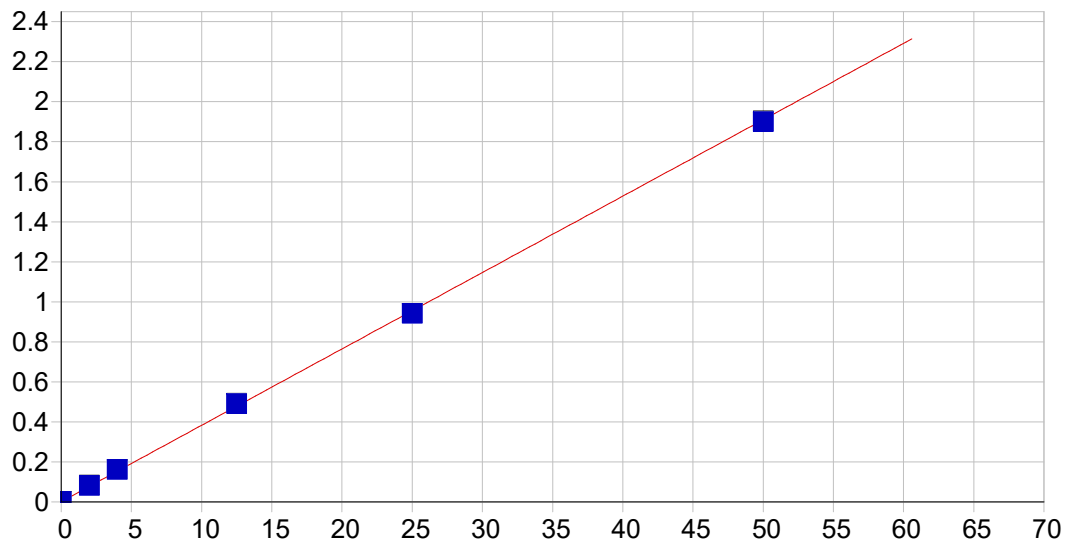


**Cd 226.502 {449}**

Date of Fit: 11/16/2024 1:21:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000128 Re-Slope: 1.000000  
A1 (Gain): 2.004351 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999927 Status: OK.  
Std Error of Est: 0.000220  
Predicted MDL: 0.000088  
Predicted MQL: 0.000294

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00013 | .000    | 1        |
| S1        | .00600       | .00719      | .001       | 19.8    | .01432  | .000    | 1        |
| S3        | 1.2500       | 1.2538      | .004       | .300    | 2.5147  | .003    | 1        |
| S4        | 2.5000       | 2.4557      | -.044      | -1.77   | 4.9256  | .005    | 1        |
| S5        | 5.0000       | 5.0390      | .039       | .780    | 10.107  | .045    | 1        |
| S2        | .40000       | .40040      | .000       | .100    | .80301  | .001    | 1        |



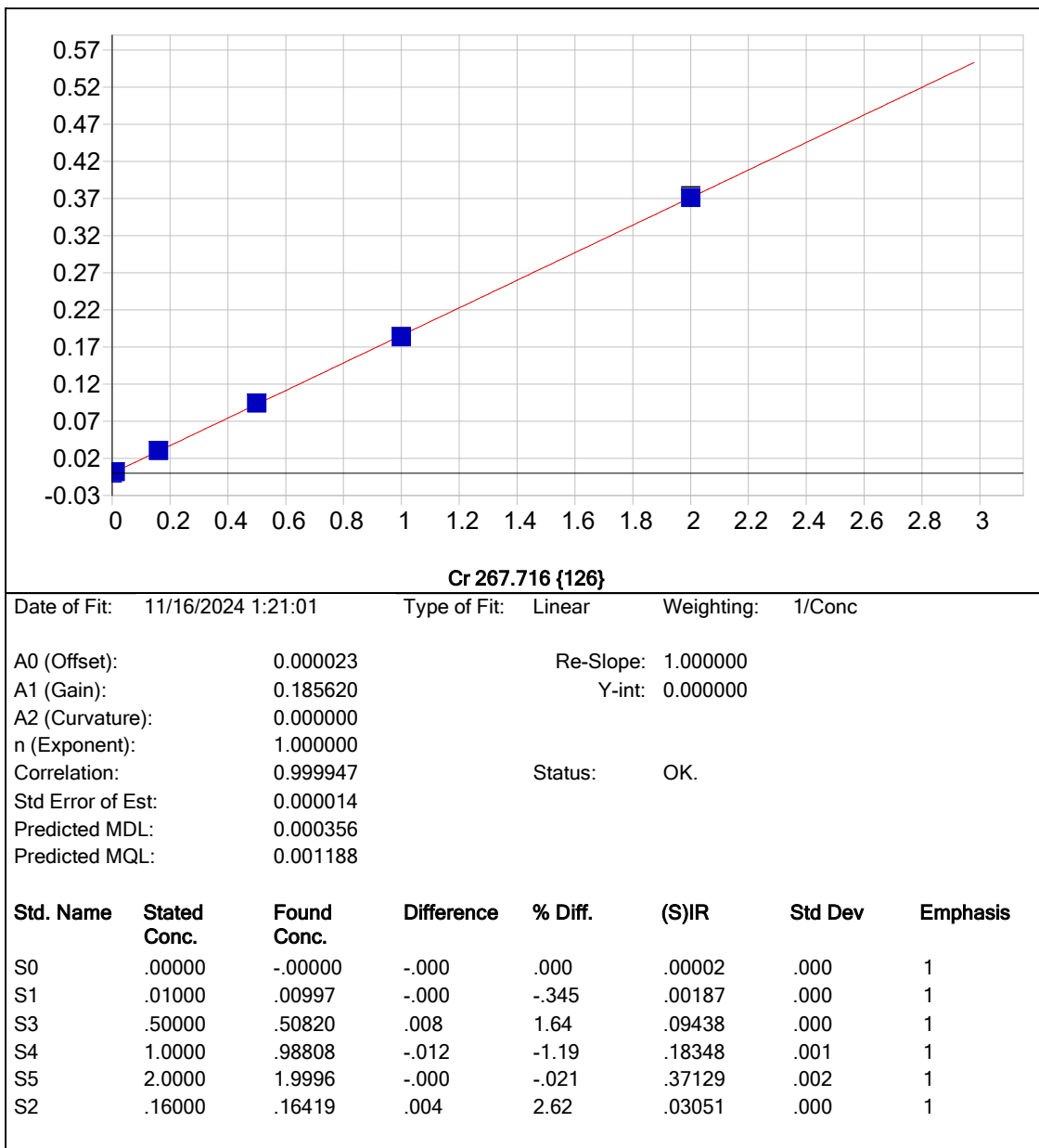
Ca 373.690 { 90}

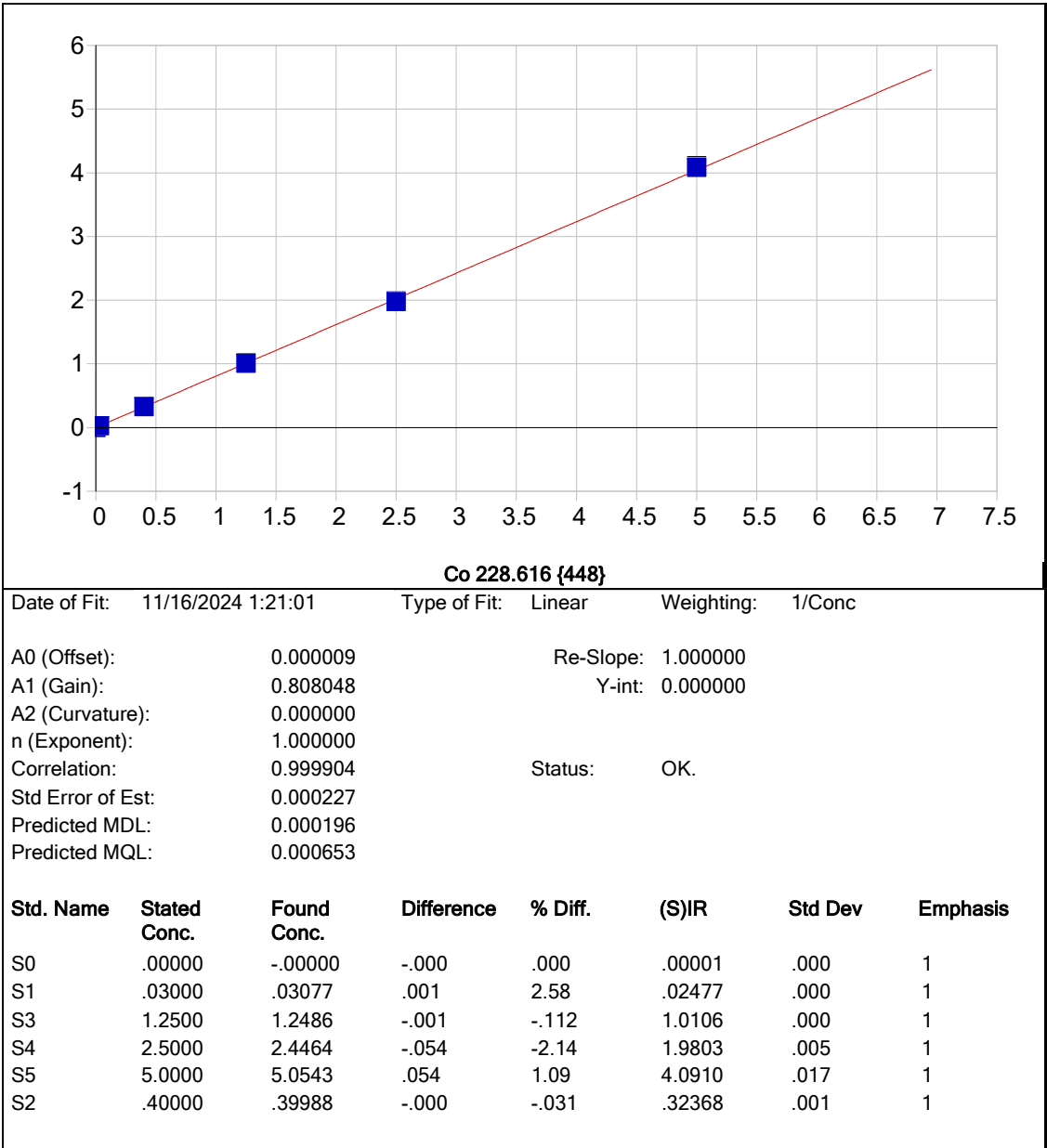
Date of Fit: 11/16/2024 1:21:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001167 Re-Slope: 1.000000  
A1 (Gain): 0.038172 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999834 Status: OK.  
Std Error of Est: 0.000368  
Predicted MDL: 0.008566  
Predicted MQL: 0.028554

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00023     | -.000      | .000    | .00116 | .000    | 1        |
| S2        | 4.0000       | 4.1868      | .187       | 4.67    | .16099 | .001    | 1        |
| S3        | 12.500       | 12.816      | .316       | 2.53    | .49038 | .002    | 1        |
| S4        | 25.000       | 24.632      | -.368      | -1.47   | .94142 | .001    | 1        |
| S5        | 50.000       | 49.742      | -.258      | -.516   | 1.8999 | .004    | 1        |
| S1        | 2.0000       | 2.1235      | .123       | 6.17    | .08222 | .000    | 1        |

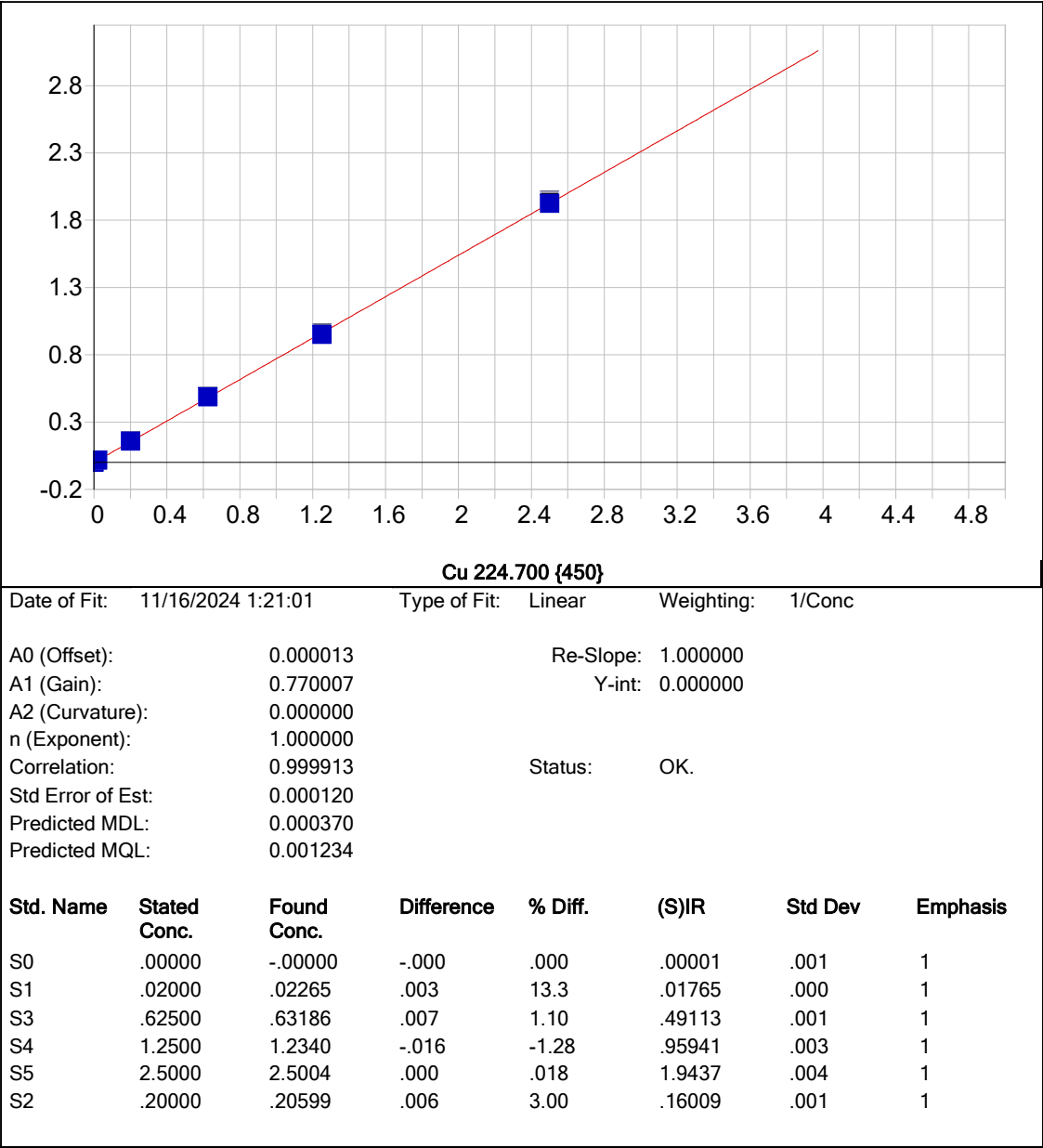


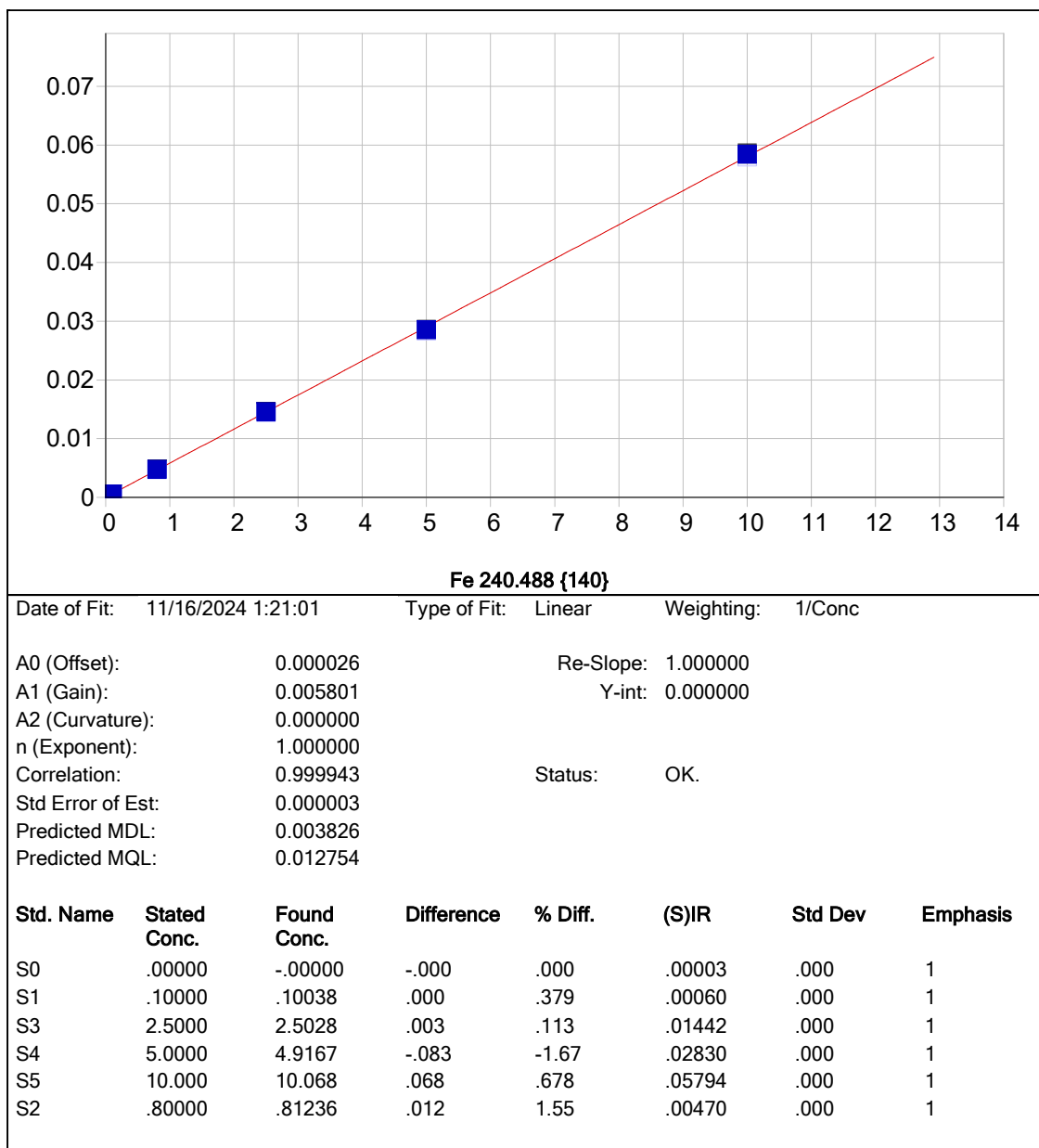


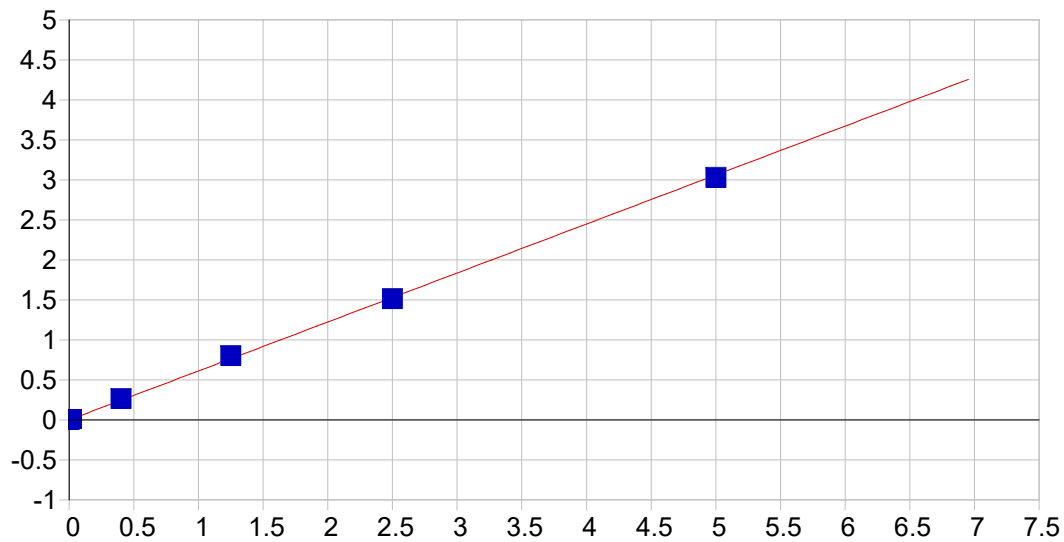


Date of Fit: 11/16/2024 1:21:01      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.000009      Re-Slope: 1.000000  
A1 (Gain): 0.808048      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999904      Status: OK.  
Std Error of Est: 0.000227  
Predicted MDL: 0.000196  
Predicted MQL: 0.000653





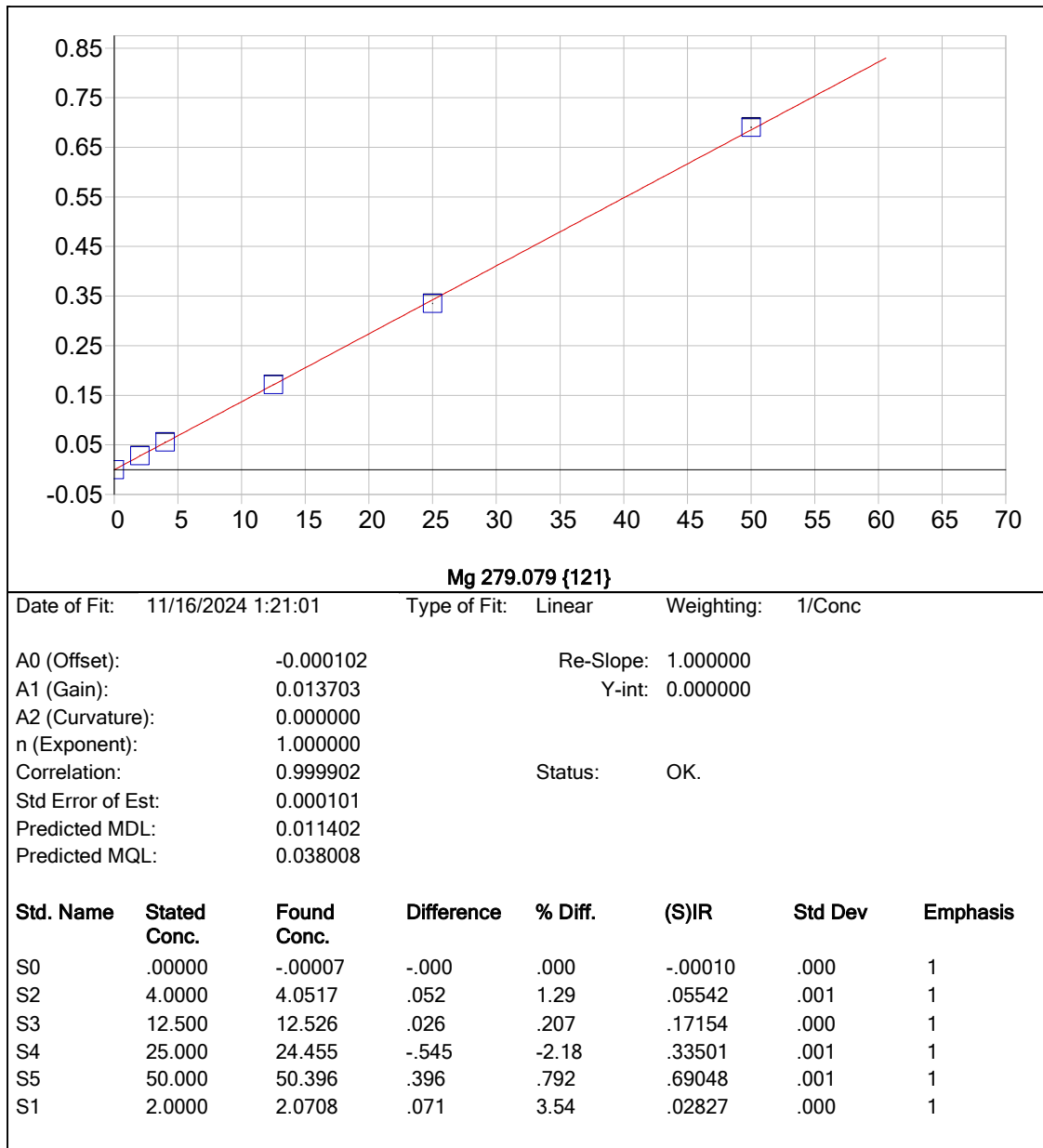


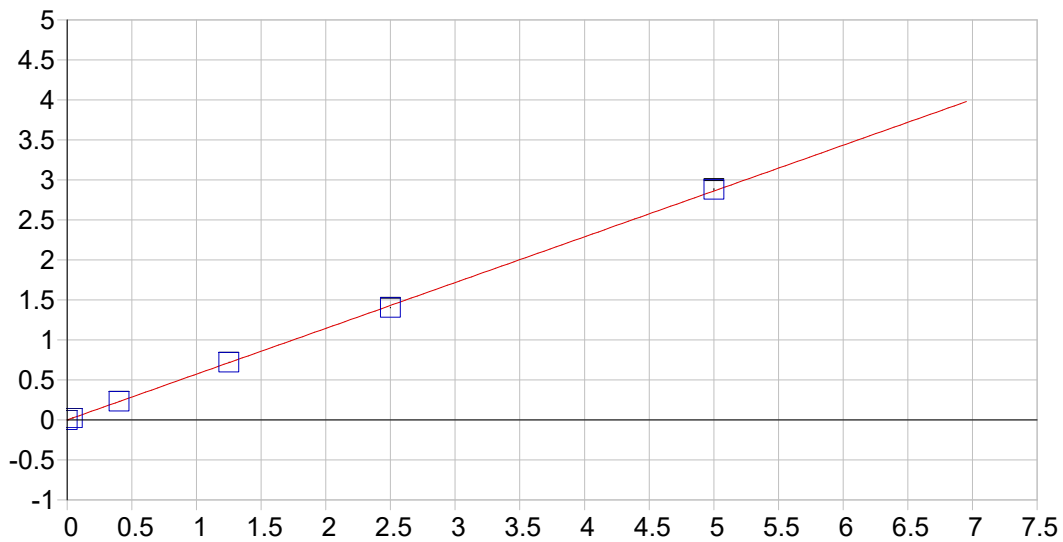
**Mn 257.610 {131}**

Date of Fit: 11/16/2024 1:21:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000037 Re-Slope: 1.000000  
A1 (Gain): 0.612190 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999682 Status: OK.  
Std Error of Est: 0.000256  
Predicted MDL: 0.000246  
Predicted MQL: 0.000820

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00003 | .000    | 1        |
| S1        | .02000       | .02207      | .002       | 10.4    | .01355 | .000    | 1        |
| S3        | 1.2500       | 1.3036      | .054       | 4.29    | .79827 | .004    | 1        |
| S4        | 2.5000       | 2.4693      | -.031      | -1.23   | 1.5120 | .004    | 1        |
| S5        | 5.0000       | 4.9445      | -.056      | -1.11   | 3.0276 | .005    | 1        |
| S2        | .40000       | .43050      | .030       | 7.62    | .26363 | .002    | 1        |



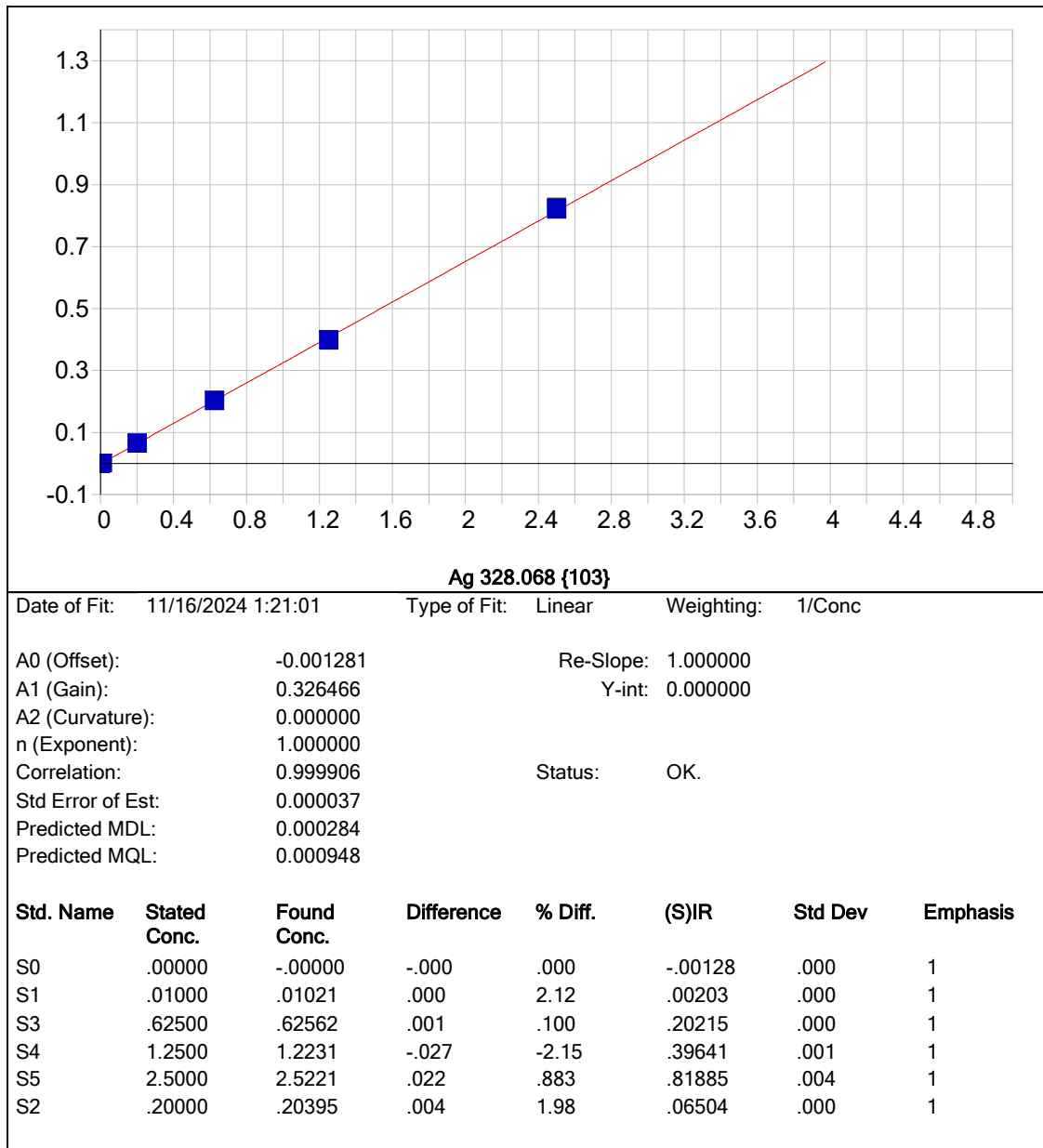


**Ni 231.604 {446}**

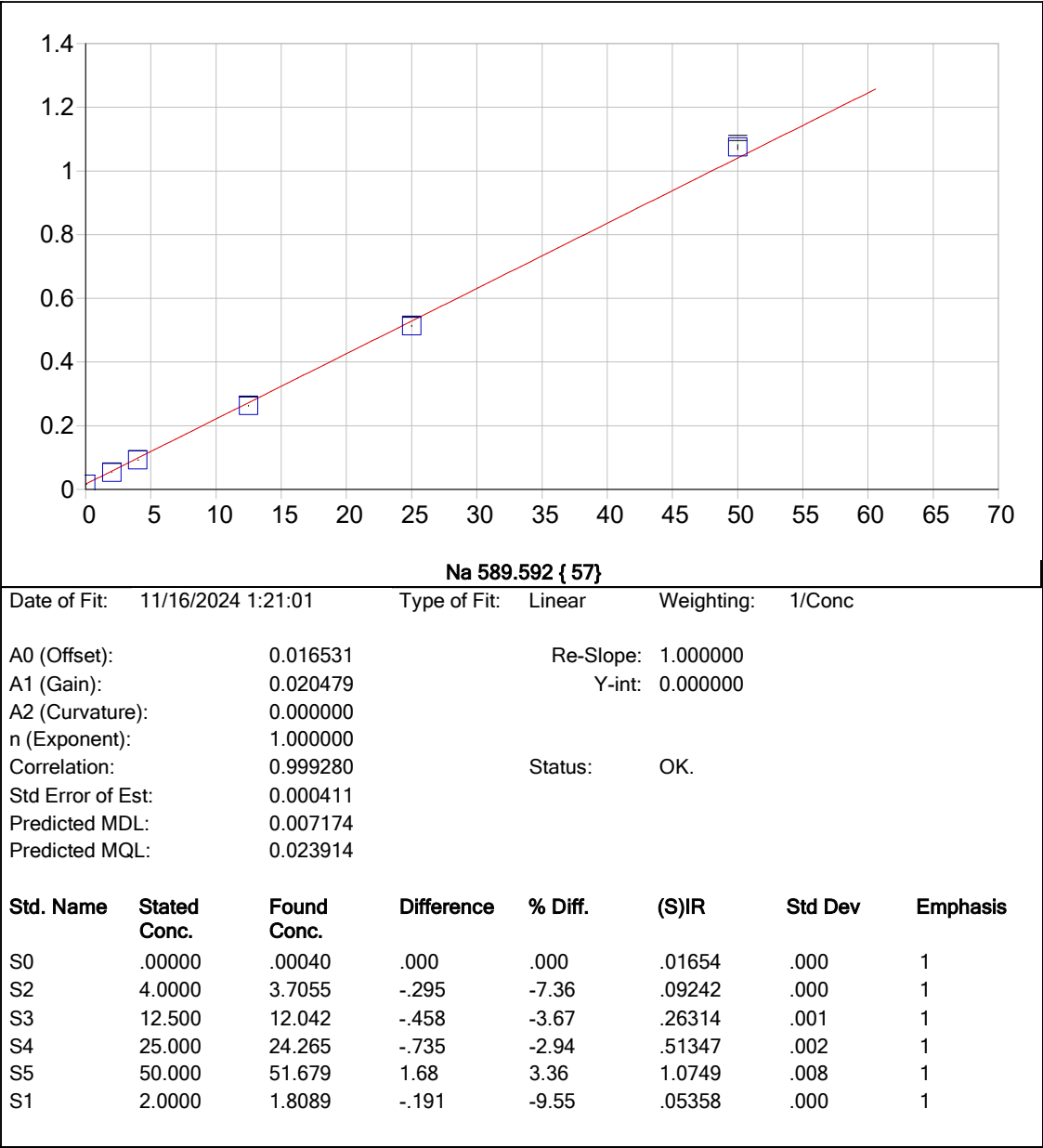
Date of Fit: 11/16/2024 1:21:01 Type of Fit: Linear Weighting: 1/Conc

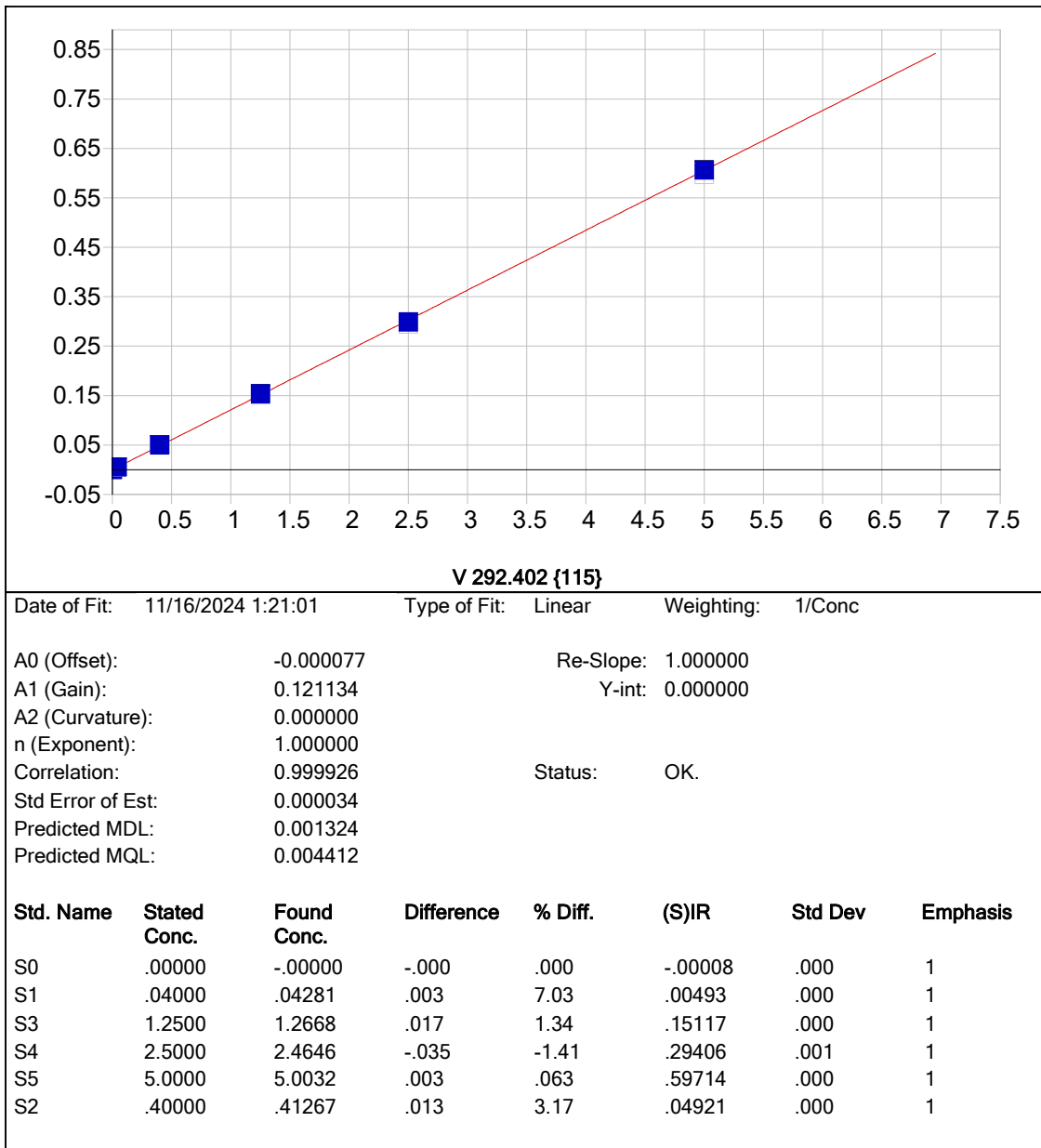
A0 (Offset): 0.000049 Re-Slope: 1.000000  
A1 (Gain): 0.572212 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999938 Status: OK.  
Std Error of Est: 0.000150  
Predicted MDL: 0.000309  
Predicted MQL: 0.001030

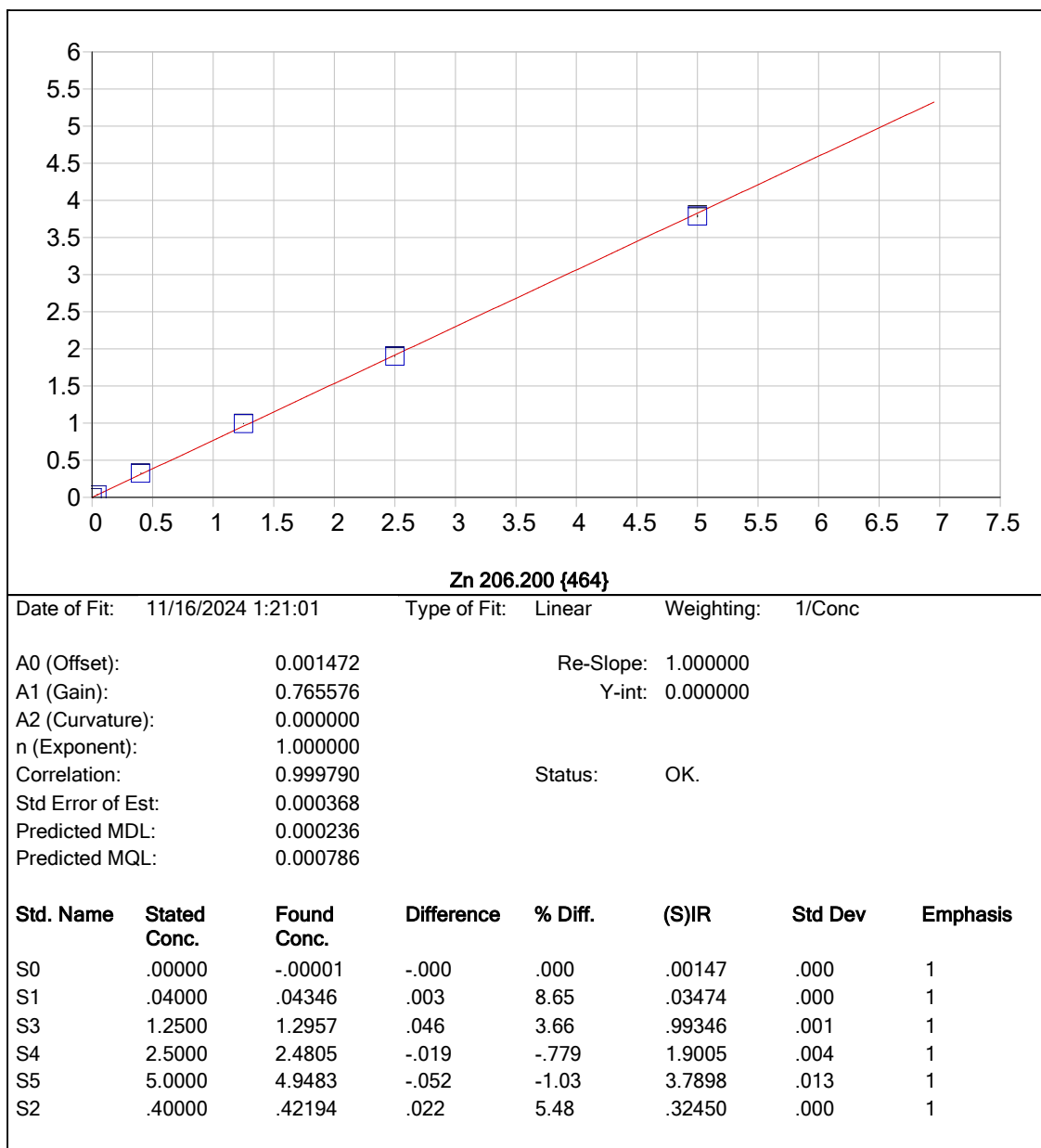
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00005 | .000    | 1        |
| S1        | .04000       | .04027      | .000       | .684    | .02309 | .000    | 1        |
| S3        | 1.2500       | 1.2590      | .009       | .720    | .72046 | .001    | 1        |
| S4        | 2.5000       | 2.4545      | -.045      | -1.82   | 1.4046 | .003    | 1        |
| S5        | 5.0000       | 5.0320      | .032       | .639    | 2.8794 | .011    | 1        |
| S2        | .40000       | .40426      | .004       | 1.07    | .23137 | .001    | 1        |

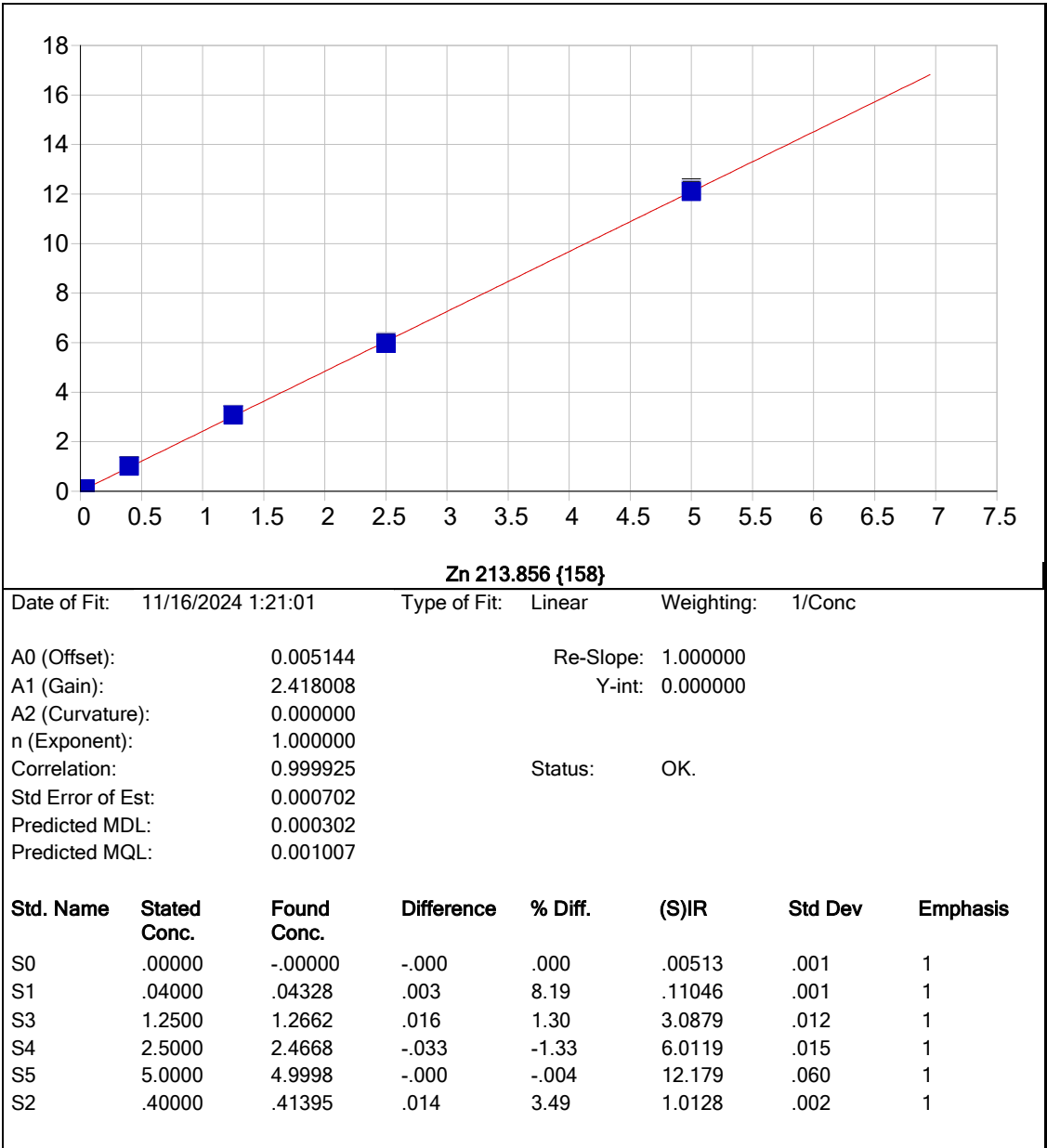




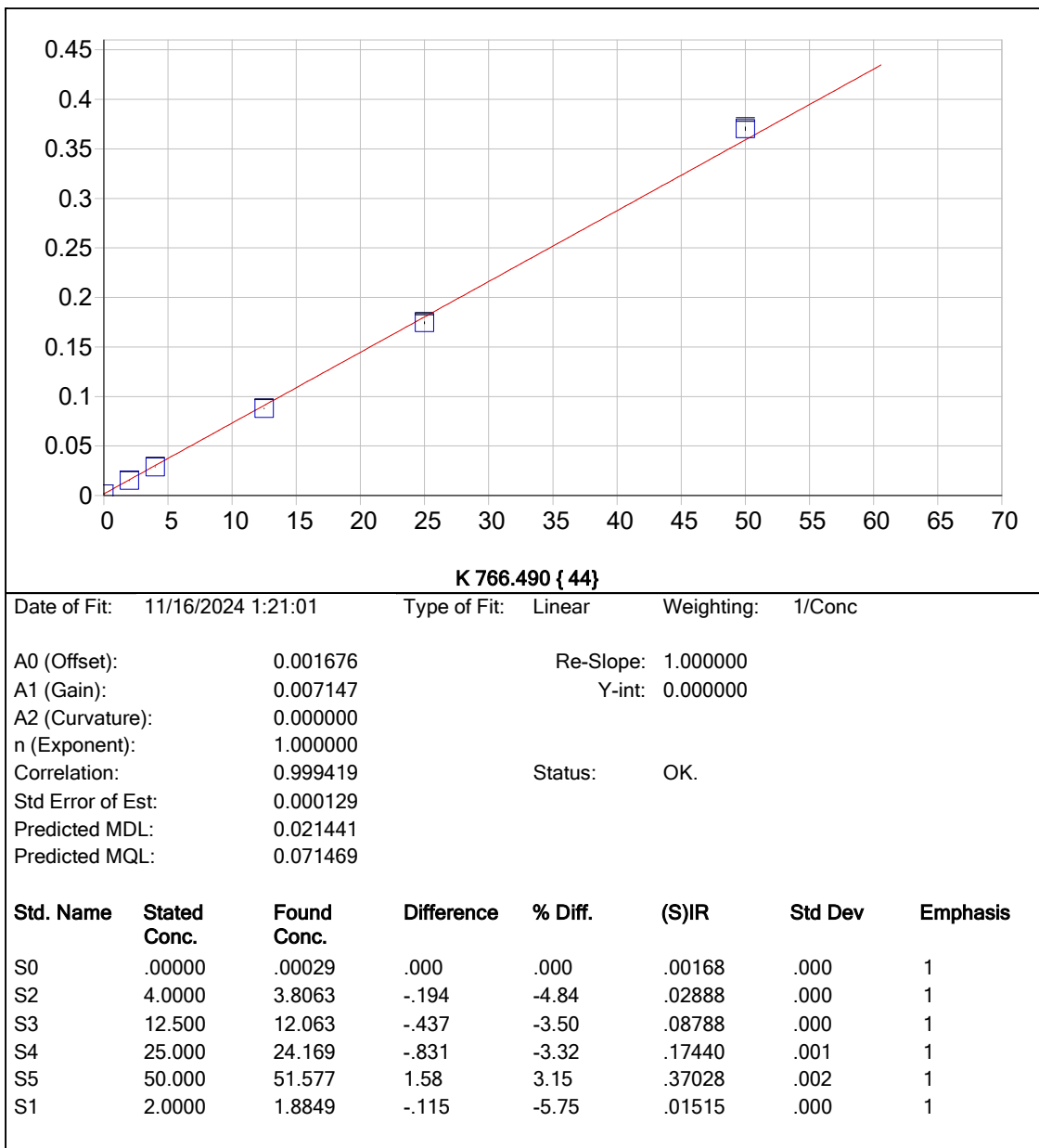


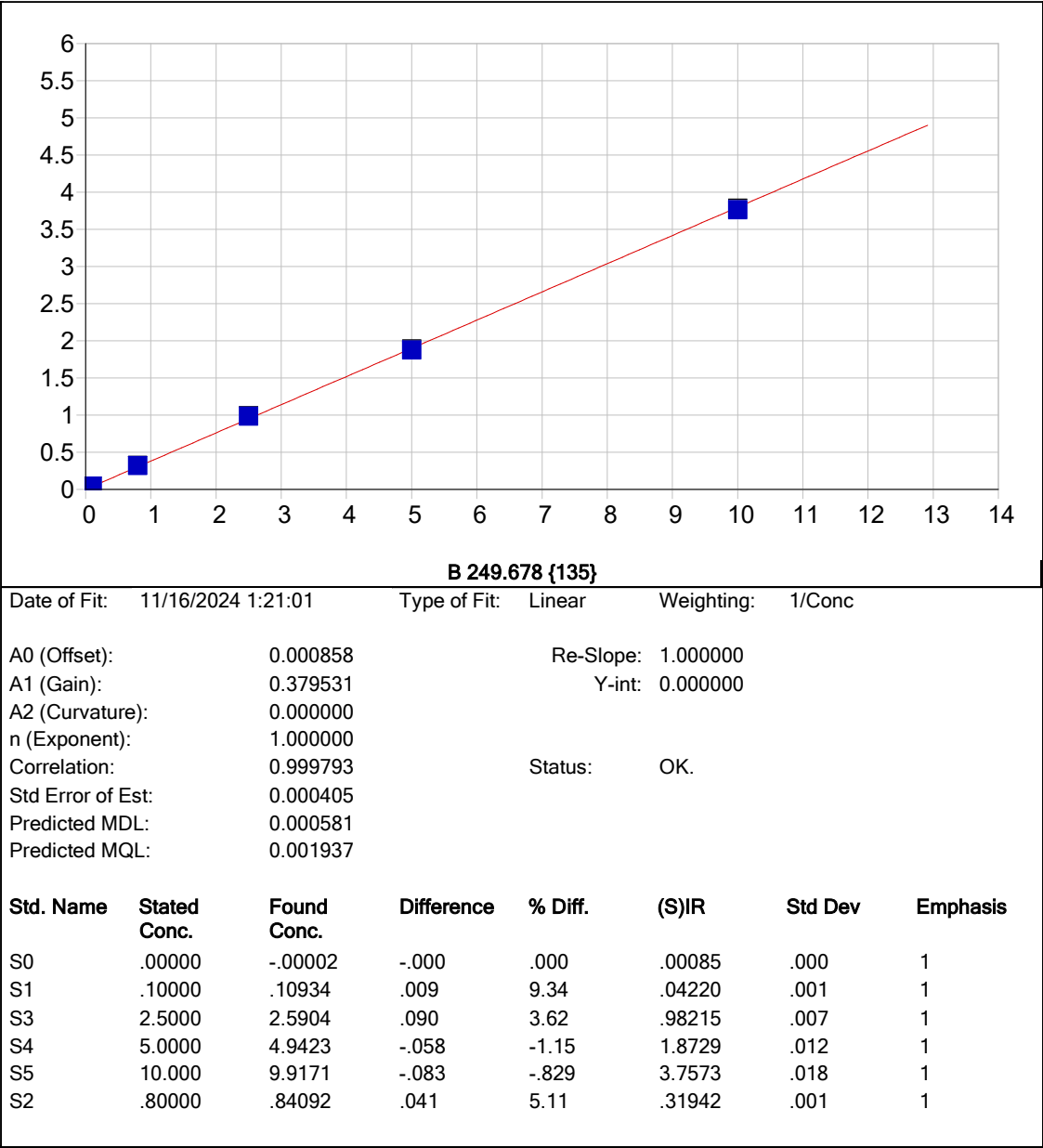


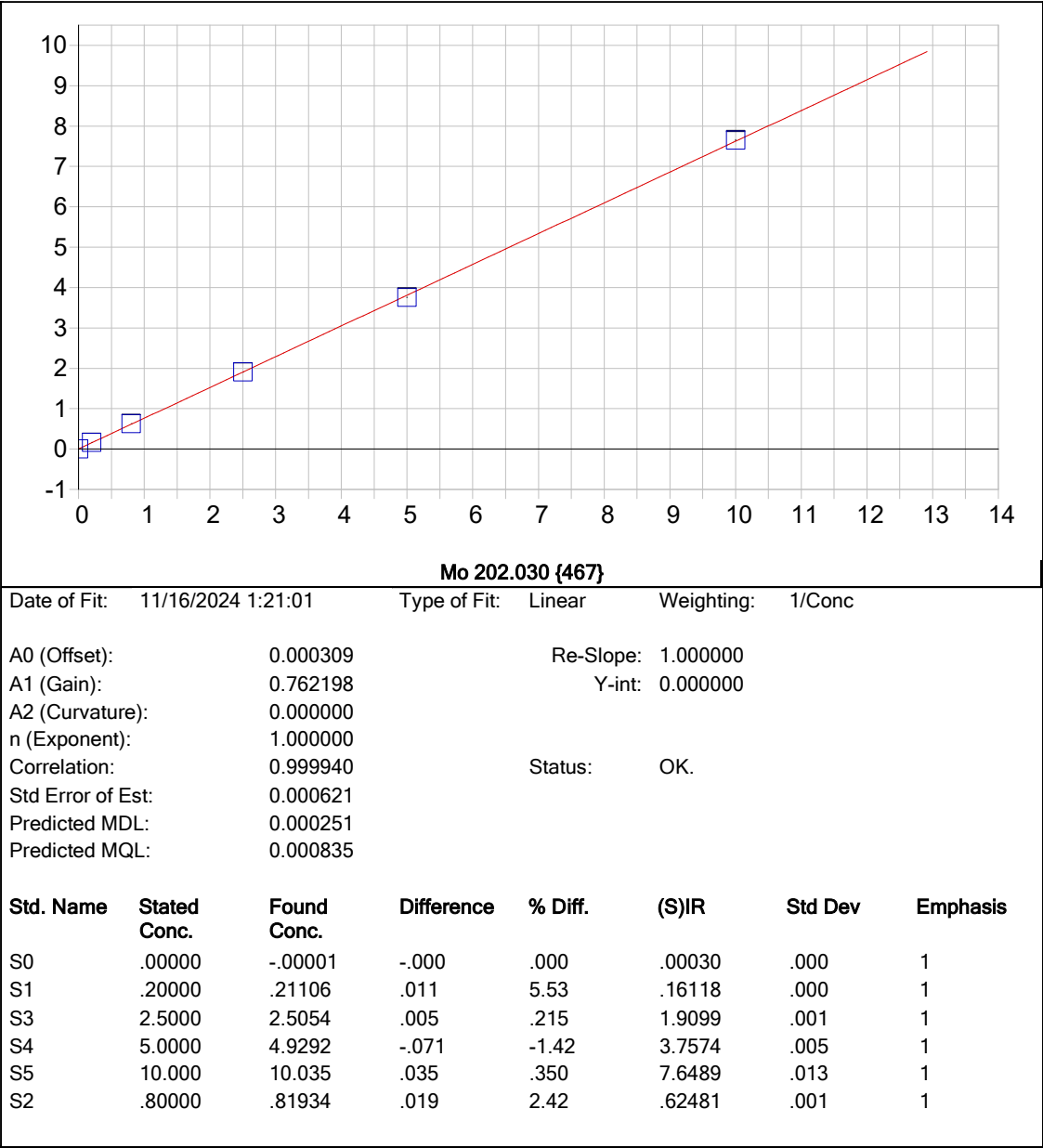


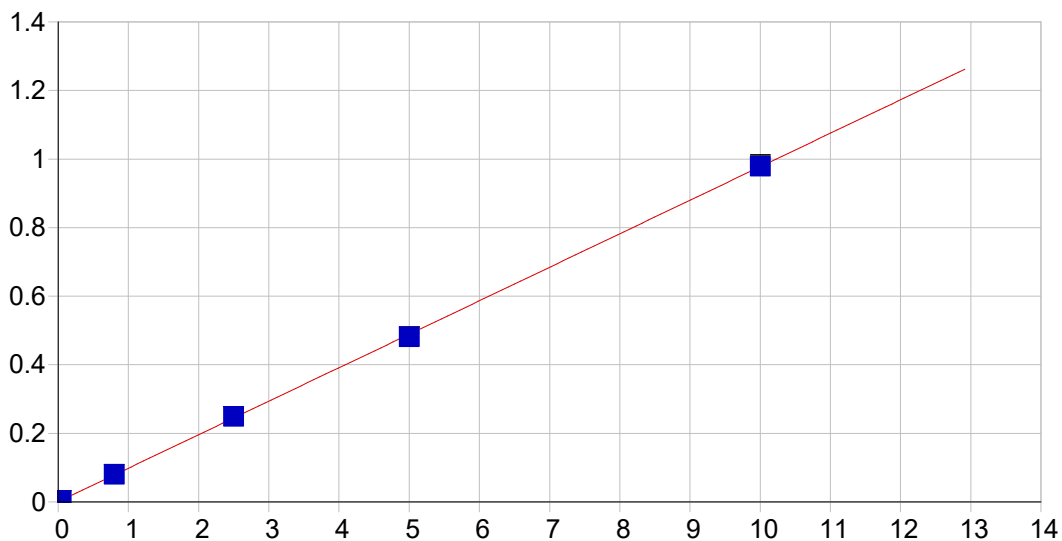


|                   |                    |              |            |            |        |         |          |
|-------------------|--------------------|--------------|------------|------------|--------|---------|----------|
| Date of Fit:      | 11/16/2024 1:21:01 | Type of Fit: | Linear     | Weighting: | 1/Conc |         |          |
| A0 (Offset):      | 0.005144           |              | Re-Slope:  | 1.000000   |        |         |          |
| A1 (Gain):        | 2.418008           |              | Y-int:     | 0.000000   |        |         |          |
| A2 (Curvature):   | 0.000000           |              |            |            |        |         |          |
| n (Exponent):     | 1.000000           |              |            |            |        |         |          |
| Correlation:      | 0.999925           |              | Status:    | OK.        |        |         |          |
| Std Error of Est: | 0.000702           |              |            |            |        |         |          |
| Predicted MDL:    | 0.000302           |              |            |            |        |         |          |
| Predicted MQL:    | 0.001007           |              |            |            |        |         |          |
|                   |                    |              |            |            |        |         |          |
| Std. Name         | Stated Conc.       | Found Conc.  | Difference | % Diff.    | (S)IR  | Std Dev | Emphasis |
| S0                | .00000             | -.00000      | -.000      | .000       | .00513 | .001    | 1        |
| S1                | .04000             | .04328       | .003       | 8.19       | .11046 | .001    | 1        |
| S3                | 1.2500             | 1.2662       | .016       | 1.30       | 3.0879 | .012    | 1        |
| S4                | 2.5000             | 2.4668       | -.033      | -1.33      | 6.0119 | .015    | 1        |
| S5                | 5.0000             | 4.9998       | -.000      | -.004      | 12.179 | .060    | 1        |
| S2                | .40000             | .41395       | .014       | 3.49       | 1.0128 | .002    | 1        |









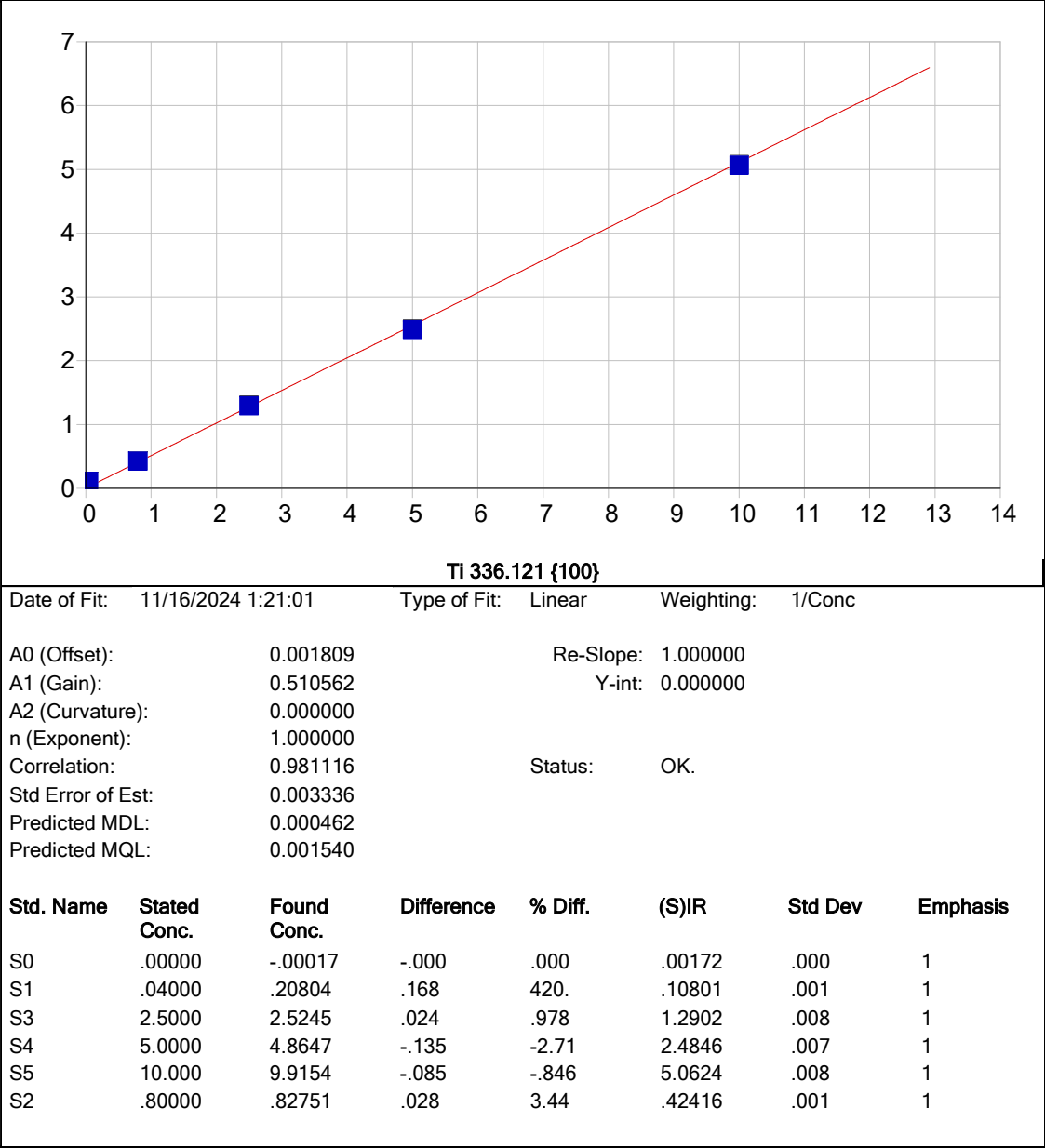
**Sn 189.989 {478}**

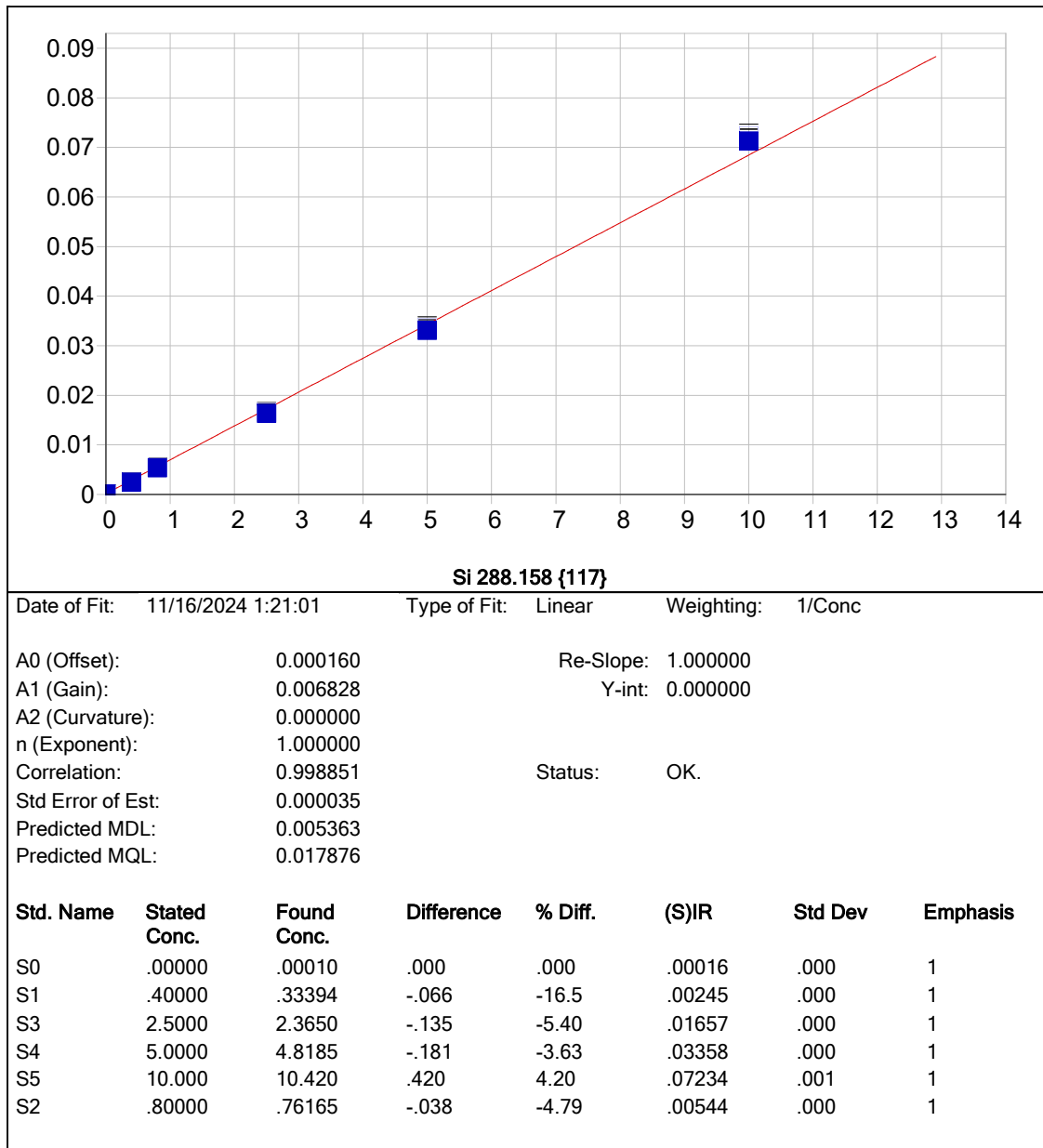
Date of Fit: 11/16/2024 1:21:01 Type of Fit: Linear Weighting: 1/Conc

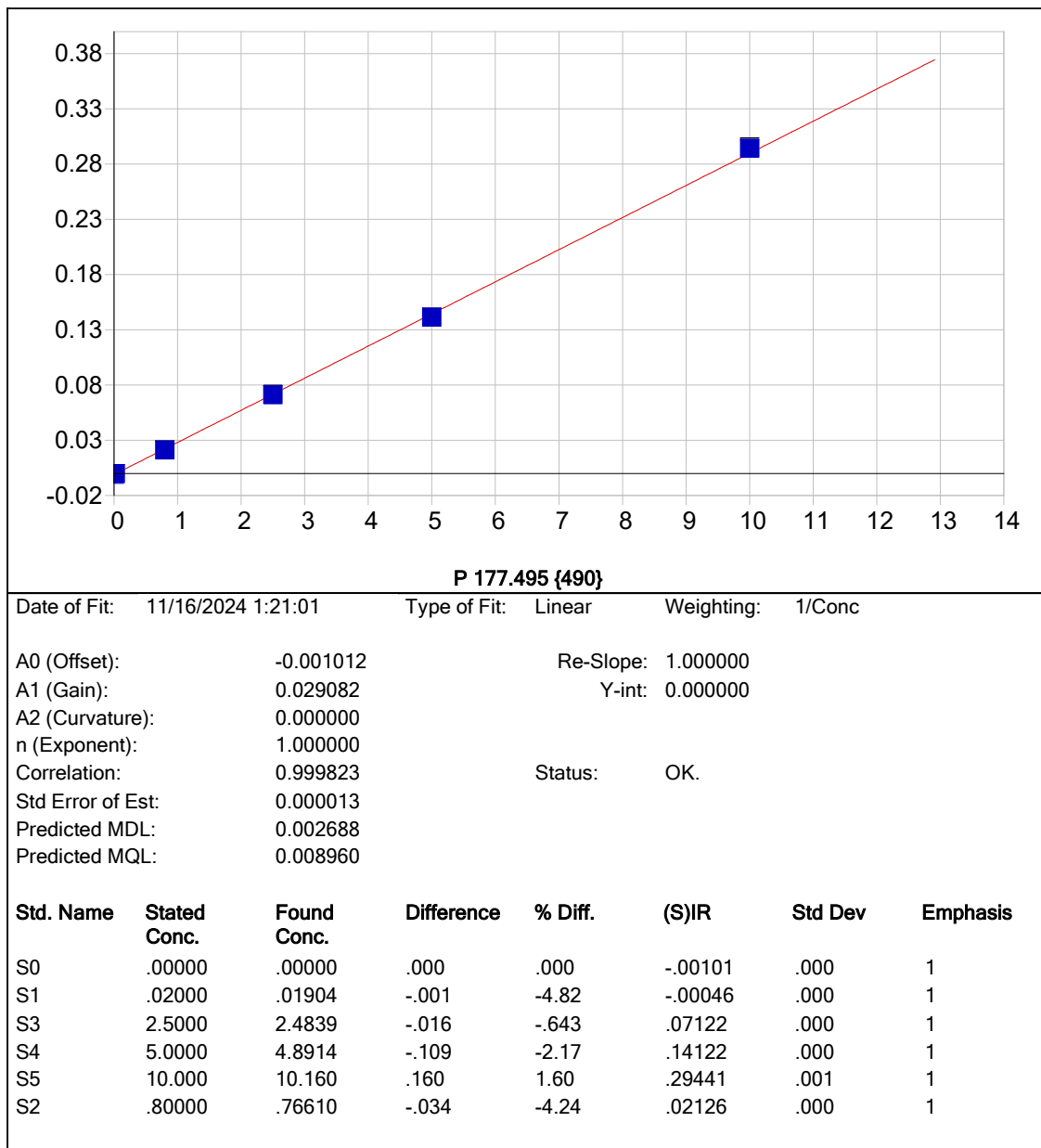
A0 (Offset): 0.000530 Re-Slope: 1.000000  
A1 (Gain): 0.097698 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999926 Status: OK.  
Std Error of Est: 0.000039  
Predicted MDL: 0.000855  
Predicted MQL: 0.002851

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00053 | .000    | 1        |
| S1        | .04000       | .03677      | -.003      | -8.07   | .00412 | .000    | 1        |
| S3        | 2.5000       | 2.5441      | .044       | 1.76    | .24883 | .000    | 1        |
| S4        | 5.0000       | 4.9227      | -.077      | -1.55   | .48097 | .001    | 1        |
| S5        | 10.000       | 10.018      | .018       | .176    | .97823 | .005    | 1        |
| S2        | .80000       | .81887      | .019       | 2.36    | .08045 | .000    | 1        |



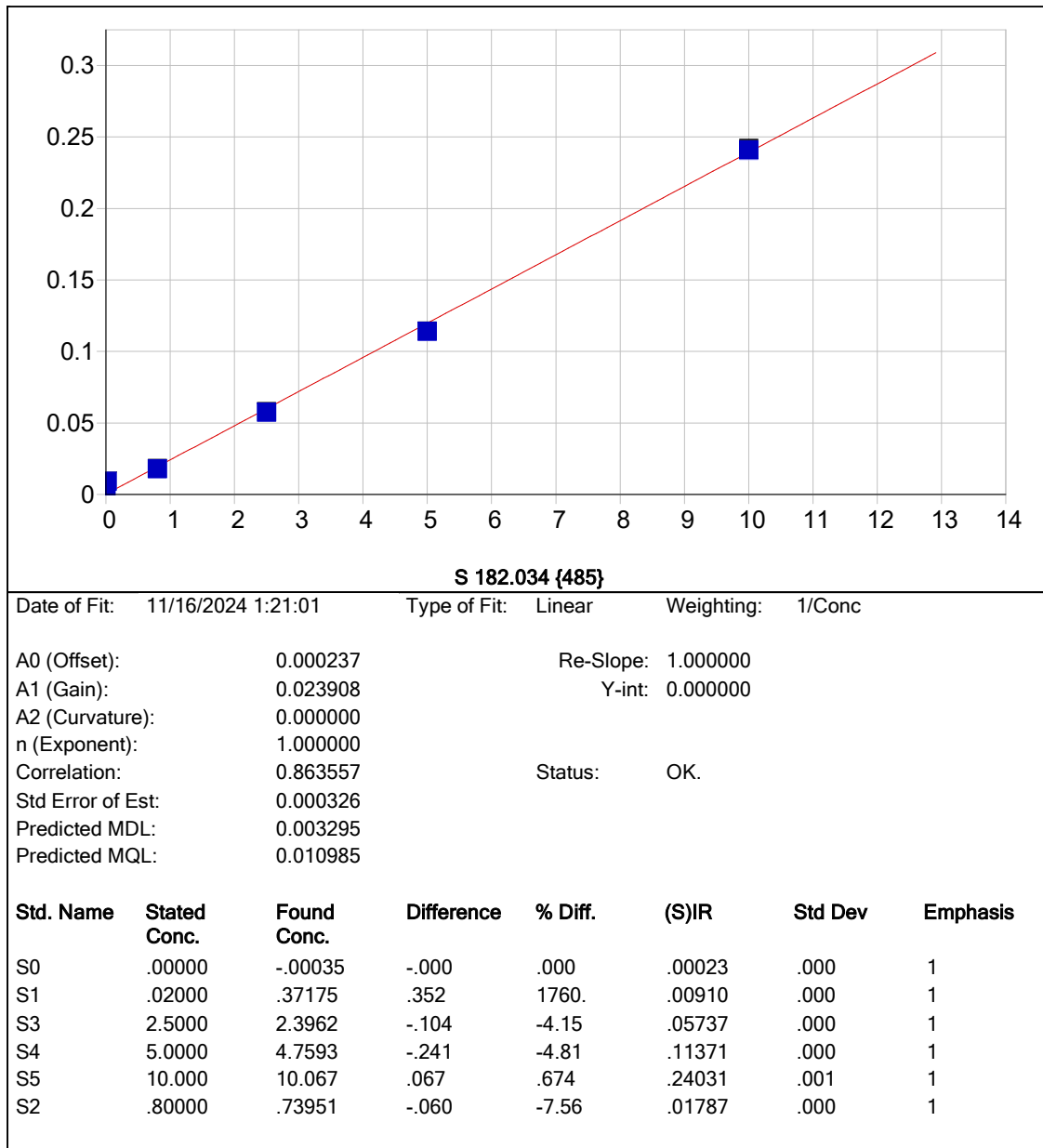


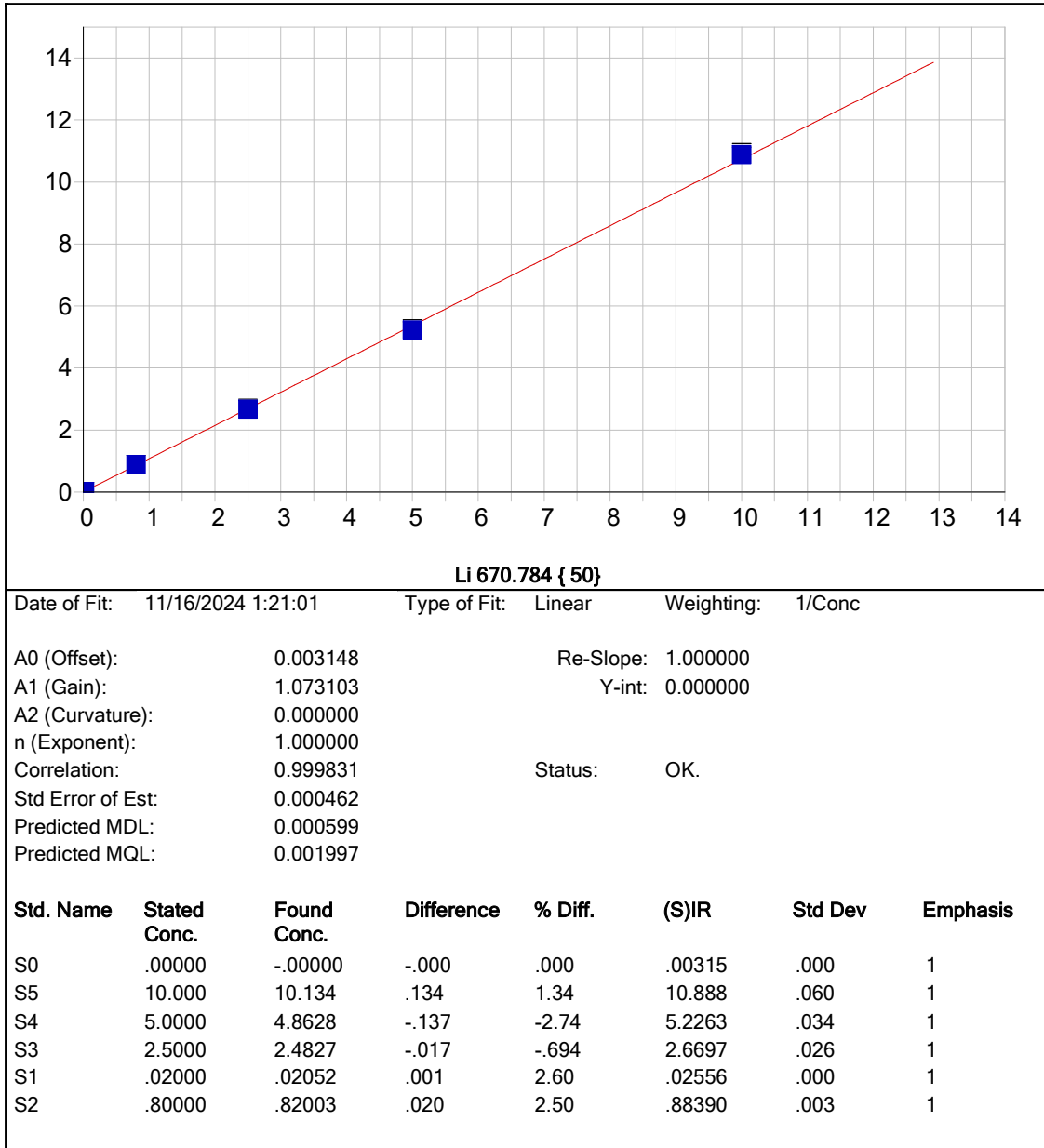


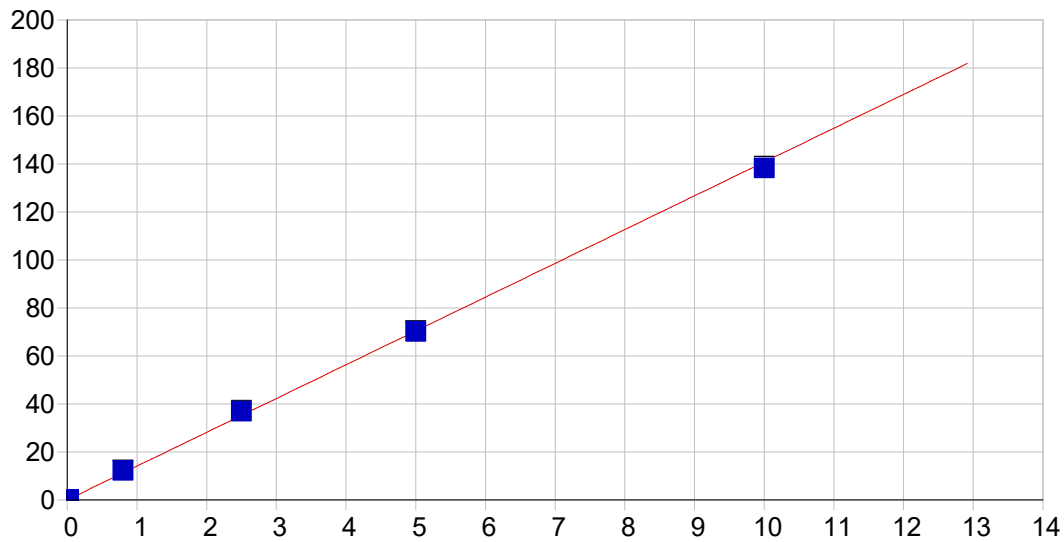


Date of Fit: 11/16/2024 1:21:01      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): -0.001012      Re-Slope: 1.000000  
A1 (Gain): 0.029082      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999823      Status: OK.  
Std Error of Est: 0.000013  
Predicted MDL: 0.002688  
Predicted MQL: 0.008960





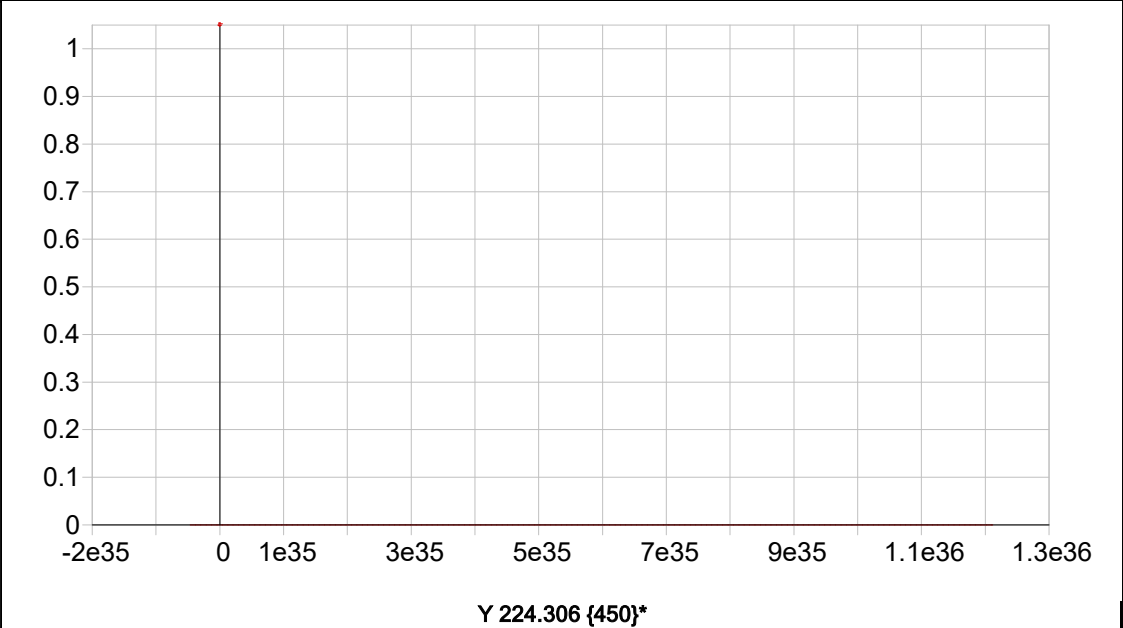


Sr 407.771 { 83}

Date of Fit: 11/16/2024 1:21:01 Type of Fit: Linear Weighting: 1/Conc

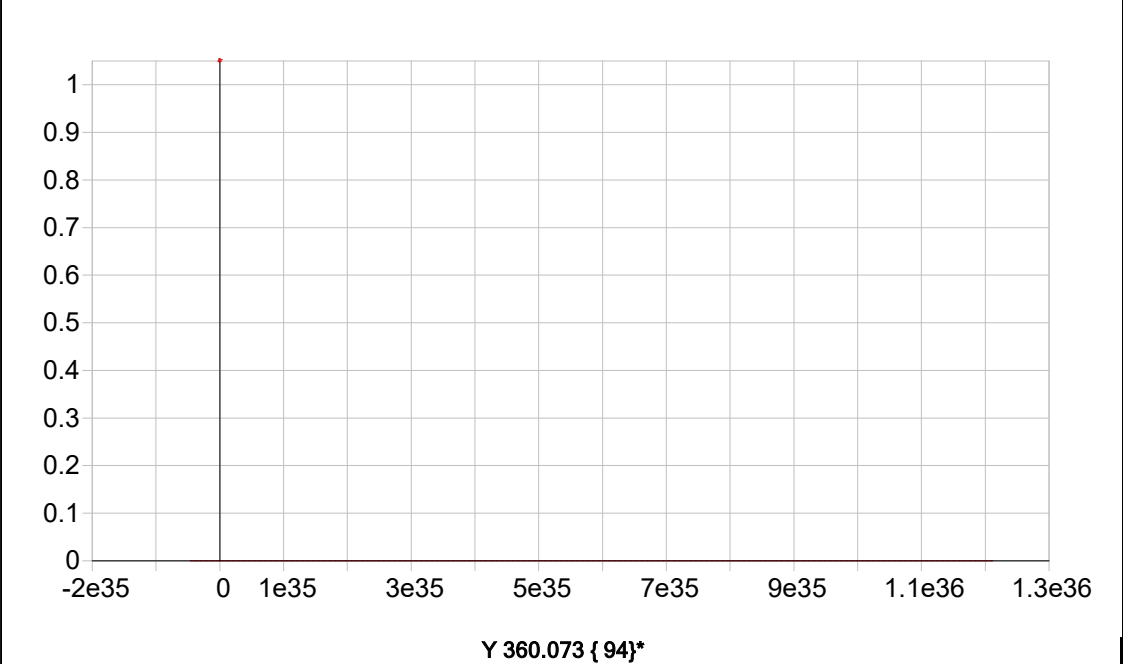
A0 (Offset): 0.000734 Re-Slope: 1.000000  
A1 (Gain): 14.078768 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999568 Status: OK.  
Std Error of Est: 0.009712  
Predicted MDL: 0.000028  
Predicted MQL: 0.000093

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00067 | .000    | 1        |
| S1        | .02000       | .02195      | .002       | 9.74    | .31114 | .003    | 1        |
| S3        | 2.5000       | 2.6207      | .121       | 4.83    | 36.932 | .462    | 1        |
| S4        | 5.0000       | 4.9829      | -.017      | -.343   | 70.224 | .321    | 1        |
| S5        | 10.000       | 9.8217      | -.178      | -1.78   | 138.42 | .699    | 1        |
| S2        | .80000       | .87280      | .073       | 9.10    | 12.300 | .046    | 1        |

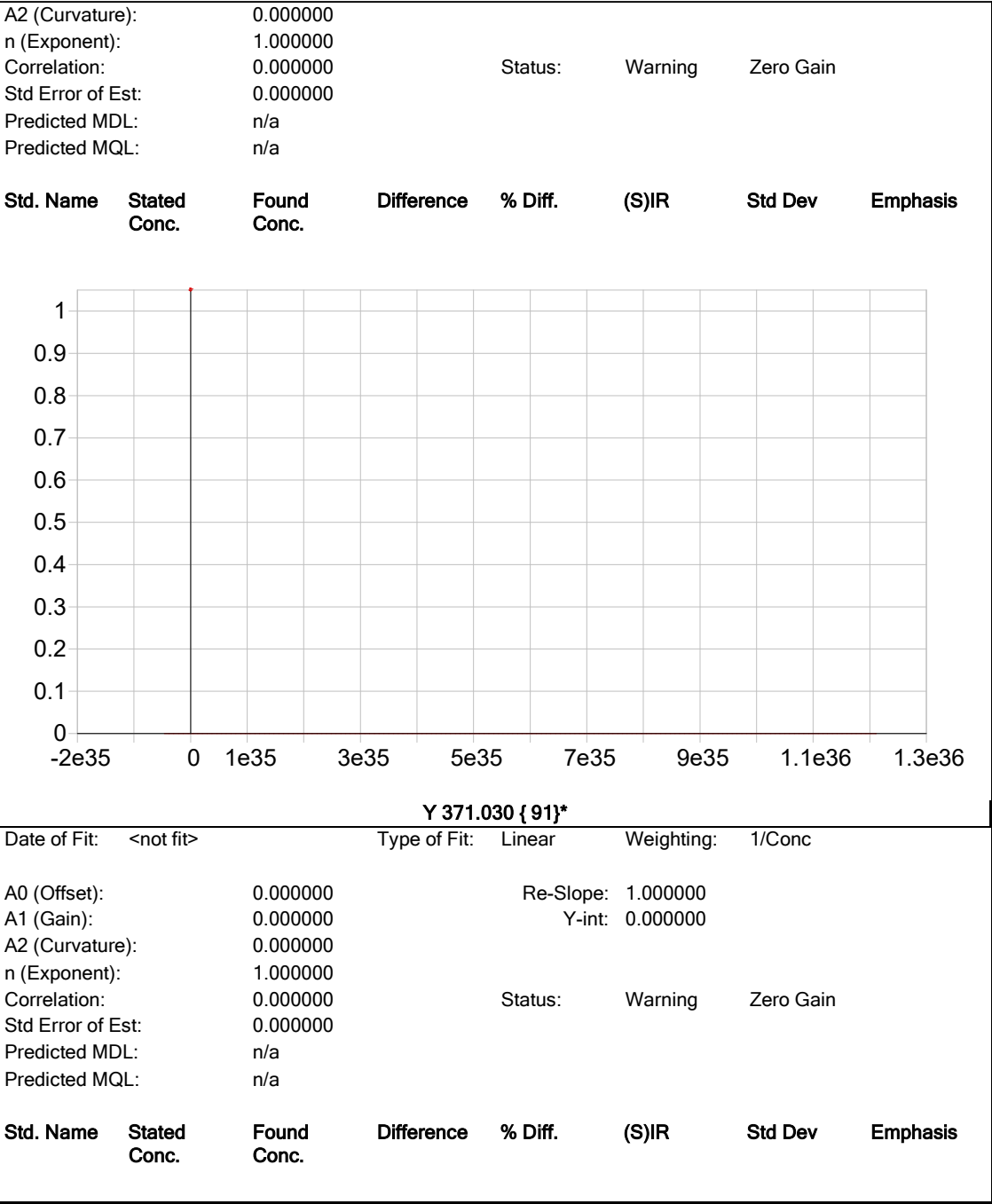


|                   |                    |              |          |            |        |
|-------------------|--------------------|--------------|----------|------------|--------|
| Date of Fit:      | 11/16/2024 1:21:01 | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000           | Re-Slope:    | 1.000000 |            |        |
| A1 (Gain):        | 0.000000           | Y-int:       | 0.000000 |            |        |
| A2 (Curvature):   | 0.000000           |              |          |            |        |
| n (Exponent):     | 1.000000           |              |          |            |        |
| Correlation:      | 0.000000           | Status:      | Warning  | Zero Gain  |        |
| Std Error of Est: | 0.000000           |              |          |            |        |
| Predicted MDL:    | n/a                |              |          |            |        |
| Predicted MQL:    | n/a                |              |          |            |        |

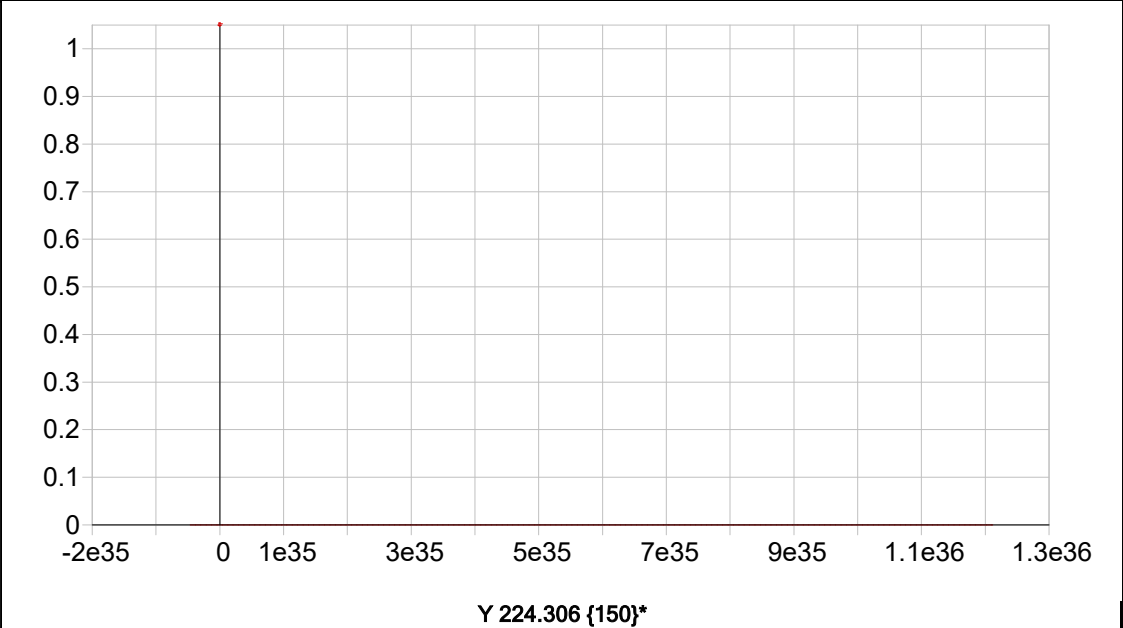
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



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







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

| Std. Name                                                                            | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|--------------------------------------------------------------------------------------|--------------|-------------|------------|---------|-------|---------|----------|
|  |              |             |            |         |       |         |          |
| ln 230.606 {446}*                                                                    |              |             |            |         |       |         |          |

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

|                   |              |             |            |         |         |           |          |
|-------------------|--------------|-------------|------------|---------|---------|-----------|----------|
| 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: 11/15/2024 10:42:44      Type: Cal  
Method: NON EPA-6010-200.7(v2472)      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    | -.00022 | -.00013 | -.00039 | .00049  | .00018  | -.00010 | -.02217 | -.00062 |
| Stddev | .00004  | .00006  | .00006  | .00012  | .00008  | .00021  | .00088  | .00014  |
| %RSD   | 18.535  | 48.650  | 15.356  | 24.966  | 42.441  | 213.57  | 3.9626  | 22.033  |
| #1     | -.00018 | -.00009 | -.00043 | .00049  | .00010  | -.00029 | -.02197 | -.00048 |
| #2     | -.00026 | -.00009 | -.00032 | .00061  | .00025  | -.00012 | -.02313 | -.00063 |
| #3     | -.00021 | -.00021 | -.00042 | .00037  | .00018  | .00012  | -.02140 | -.00075 |
| 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    | -.00013 | .00116  | .00002  | .00001  | .00001  | .00003  | .00003  | -.00010 |
| Stddev | .00009  | .00022  | .00005  | .00005  | .00050  | .00001  | .00014  | .00010  |
| %RSD   | 66.759  | 19.233  | 199.26  | 503.18  | 4907.2  | 36.271  | 415.51  | 98.970  |
| #1     | -.00021 | .00105  | .00005  | .00005  | .00034  | .00002  | .00002  | -.00001 |
| #2     | -.00014 | .00141  | -.00003 | .00001  | .00026  | .00002  | .00018  | -.00009 |
| #3     | -.00004 | .00101  | .00005  | -.00004 | -.00057 | .00004  | -.00010 | -.00021 |
| 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    | .00005  | -.00128 | .01654  | -.00008 | .00513  | .00168  | .00085  | .00030  |
| Stddev | .00012  | .00003  | .00005  | .00007  | .00078  | .00005  | .00015  | .00039  |
| %RSD   | 244.00  | 2.2146  | .29430  | 95.389  | 15.239  | 2.9756  | 17.332  | 129.79  |
| #1     | .00017  | -.00131 | .01654  | -.00015 | .00600  | .00162  | .00102  | -.00009 |
| #2     | -.00007 | -.00128 | .01659  | -.00008 | .00448  | .00172  | .00079  | .00030  |
| #3     | .00005  | -.00126 | .01649  | -.00000 | .00492  | .00169  | .00075  | .00068  |
| 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    | .00053  | .00172  | .00016  | -.00101 | .00023  | .00315  | .00067  |         |
| Stddev | .00001  | .00006  | .00003  | .00003  | .00002  | .00038  | .00046  |         |
| %RSD   | 2.1232  | 3.3165  | 16.201  | 2.6337  | 9.7196  | 12.191  | 68.913  |         |
| #1     | .00054  | .00168  | .00016  | -.00099 | .00024  | .00338  | .00116  |         |
| #2     | .00052  | .00170  | .00019  | -.00101 | .00020  | .00336  | .00063  |         |
| #3     | .00054  | .00179  | .00014  | -.00104 | .00024  | .00270  | .00023  |         |

Sample Name: S0      Acquired: 11/15/2024 10:42:44      Type: Cal  
Method: NON EPA-6010-200.7(v2472)      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       | 2738.1 | 64112. | 14190. | 2030.1 | 4679.1 |
| Stddev    | 14.3   | 135.   | 87.    | 11.6   | 19.4   |
| %RSD      | .52162 | .21087 | .61601 | .57336 | .41522 |
| #1        | 2723.3 | 63956. | 14089. | 2019.0 | 4659.2 |
| #2        | 2751.8 | 64191. | 14234. | 2042.2 | 4698.0 |
| #3        | 2739.1 | 64188. | 14247. | 2029.1 | 4680.1 |

Sample Name: S1      Acquired: 11/15/2024 10:47:08      Type: Cal  
Method: NON EPA-6010-200.7(v2472)      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    | .00094 | .00241 | .00219 | .00224  | .00996 | .00810 | .35439 | .01900 |
| Stddev | .00009 | .00002 | .00015 | .00015  | .00007 | .00015 | .00331 | .00008 |
| %RSD   | 9.0417 | .75968 | 7.0044 | 6.6062  | .69189 | 1.8344 | .93427 | .44451 |
| #1     | .00089 | .00242 | .00208 | .00207  | .00992 | .00818 | .35818 | .01906 |
| #2     | .00089 | .00243 | .00213 | .00230  | .01004 | .00793 | .35209 | .01891 |
| #3     | .00104 | .00239 | .00236 | .00235  | .00992 | .00820 | .35289 | .01904 |
| 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    | .01432 | .08222 | .00187 | .02477  | .01765 | .00060 | .01355 | .02827 |
| Stddev | .00007 | .00045 | .00004 | .00020  | .00035 | .00001 | .00018 | .00009 |
| %RSD   | .48095 | .55191 | 2.2396 | .80391  | 1.9991 | 1.8953 | 1.3640 | .31189 |
| #1     | .01440 | .08274 | .00187 | .02496  | .01774 | .00060 | .01376 | .02835 |
| #2     | .01429 | .08188 | .00192 | .02456  | .01795 | .00061 | .01350 | .02829 |
| #3     | .01427 | .08206 | .00183 | .02480  | .01726 | .00059 | .01340 | .02818 |
| 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    | .02309 | .00203 | .05358 | .00493  | .11046 | .01515 | .04220 | .16118 |
| Stddev | .00015 | .00001 | .00031 | .00011  | .00144 | .00014 | .00051 | .00006 |
| %RSD   | .65162 | .70975 | .58373 | 2.1357  | 1.3030 | .93859 | 1.1973 | .03524 |
| #1     | .02314 | .00204 | .05339 | .00503  | .10880 | .01513 | .04255 | .16118 |
| #2     | .02293 | .00202 | .05340 | .00482  | .11130 | .01501 | .04242 | .16112 |
| #3     | .02321 | .00203 | .05394 | .00493  | .11129 | .01530 | .04162 | .16124 |
| 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    | .00412 | .10801 | .00245 | -.00046 | .00910 | .02556 | .31114 |        |
| Stddev | .00004 | .00074 | .00001 | .00004  | .00001 | .00045 | .00342 |        |
| %RSD   | .94783 | .68864 | .55041 | 8.5088  | .05848 | 1.7628 | 1.0992 |        |
| #1     | .00416 | .10869 | .00246 | -.00043 | .00911 | .02603 | .31480 |        |
| #2     | .00412 | .10813 | .00244 | -.00050 | .00910 | .02513 | .31059 |        |
| #3     | .00408 | .10722 | .00244 | -.00044 | .00910 | .02550 | .30803 |        |

Sample Name: S1      Acquired: 11/15/2024 10:47:08      Type: Cal  
Method: NON EPA-6010-200.7(v2472)      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       | 2675.4 | 63204. | 14016. | 1991.3 | 4524.8 |
| Stddev    | 4.5    | 83.    | 109.   | 9.4    | 8.1    |
| %RSD      | .16828 | .13056 | .78050 | .47159 | .17873 |
| #1        | 2676.5 | 63293. | 13909. | 1996.0 | 4521.7 |
| #2        | 2670.5 | 63189. | 14011. | 1997.5 | 4518.7 |
| #3        | 2679.3 | 63131. | 14128. | 1980.5 | 4534.0 |

Sample Name: S2      Acquired: 11/15/2024 10:51:28      Type: Cal  
Method: NON EPA-6010-200.7(v2472)      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    | .04264 | .05498 | .17182 | .07224 | .15293 | .11926 | 5.7927 | .13519 |
| Stddev | .00016 | .00186 | .00052 | .00030 | .00013 | .00073 | .0195  | .00102 |
| %RSD   | .38164 | 3.3805 | .30503 | .42097 | .08728 | .61268 | .33591 | .75640 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04269 | .05612 | .17137 | .07240 | .15306 | .11957 | 5.7968 | .13544 |
| #2 | .04246 | .05283 | .17239 | .07189 | .15279 | .11843 | 5.7715 | .13406 |
| #3 | .04278 | .05598 | .17169 | .07242 | .15292 | .11979 | 5.8097 | .13606 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .80301 | .16099 | .03051 | .32368 | .16009 | .00470 | .26363 | .05542 |
| Stddev | .00093 | .00103 | .00003 | .00056 | .00054 | .00005 | .00192 | .00059 |
| %RSD   | .11607 | .64030 | .08395 | .17393 | .33449 | 1.0431 | .72822 | 1.0622 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .80306 | .16016 | .03050 | .32390 | .15998 | .00465 | .26229 | .05497 |
| #2 | .80391 | .16065 | .03049 | .32410 | .16068 | .00474 | .26278 | .05520 |
| #3 | .80205 | .16214 | .03054 | .32304 | .15963 | .00471 | .26583 | .05609 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .23137 | .06504 | .09242 | .04921 | 1.0128 | .02888 | .31942 | .62481 |
| Stddev | .00078 | .00014 | .00013 | .00031 | .0019  | .00011 | .00067 | .00133 |
| %RSD   | .33865 | .20766 | .13839 | .63488 | .18742 | .38594 | .20830 | .21300 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23201 | .06492 | .09234 | .04885 | 1.0146 | .02875 | .31878 | .62633 |
| #2 | .23161 | .06519 | .09235 | .04933 | 1.0129 | .02893 | .31937 | .62386 |
| #3 | .23050 | .06503 | .09256 | .04943 | 1.0108 | .02896 | .32010 | .62424 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .08045 | .42416 | .00544 | .02126 | .01787 | .88390 | 12.300 |  |
| Stddev | .00014 | .00138 | .00006 | .00021 | .00008 | .00268 | .046   |  |
| %RSD   | .17080 | .32572 | 1.1162 | 1.0010 | .47258 | .30376 | .37010 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .08061 | .42317 | .00549 | .02138 | .01790 | .88512 | 12.297 |  |
| #2 | .08038 | .42357 | .00547 | .02102 | .01777 | .88082 | 12.256 |  |
| #3 | .08036 | .42573 | .00537 | .02139 | .01793 | .88575 | 12.347 |  |

Sample Name: S2      Acquired: 11/15/2024 10:51:28      Type: Cal  
Method: NON EPA-6010-200.7(v2472)      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       | 2772.6 | 63785. | 14309. | 2025.4 | 4593.3 |
| Stddev    | 8.9    | 91.    | 52.    | 11.2   | 12.8   |
| %RSD      | .32079 | .14287 | .36536 | .55125 | .27890 |
| #1        | 2763.4 | 63687. | 14272. | 2012.9 | 4579.9 |
| #2        | 2773.0 | 63799. | 14369. | 2028.8 | 4594.4 |
| #3        | 2781.2 | 63868. | 14287. | 2034.4 | 4605.5 |



Sample Name: S3      Acquired: 11/15/2024 10:55:34      Type: Cal  
Method: NON EPA-6010-200.7(v2472)      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    | .13350 | .17067 | .53565 | .22409 | .47584 | .36620 | 17.528 | .42108 |
| Stddev | .00024 | .00181 | .00102 | .00004 | .00099 | .00216 | .106   | .00270 |
| %RSD   | .18281 | 1.0599 | .19107 | .01737 | .20766 | .58906 | .60302 | .64032 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .13371 | .16991 | .53611 | .22409 | .47689 | .36811 | 17.649 | .42264 |
| #2 | .13357 | .16937 | .53448 | .22413 | .47569 | .36662 | 17.473 | .42264 |
| #3 | .13324 | .17274 | .53637 | .22406 | .47493 | .36386 | 17.460 | .41797 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.5147 | .49038 | .09438 | 1.0106 | .49113 | .01442 | .79827 | .17154 |
| Stddev | .0031  | .00184 | .00008 | .0004  | .00129 | .00004 | .00436 | .00022 |
| %RSD   | .12401 | .37440 | .08476 | .03767 | .26356 | .26181 | .54560 | .12651 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.5116 | .49135 | .09437 | 1.0102 | .49207 | .01445 | .80212 | .17135 |
| #2 | 2.5147 | .49154 | .09431 | 1.0109 | .49168 | .01438 | .79915 | .17178 |
| #3 | 2.5178 | .48827 | .09447 | 1.0108 | .48966 | .01444 | .79354 | .17149 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .72046 | .20215 | .26314 | .15117 | 3.0879 | .08788 | .98215 | 1.9099 |
| Stddev | .00083 | .00043 | .00138 | .00029 | .0118  | .00026 | .00679 | .0007  |
| %RSD   | .11477 | .21242 | .52587 | .19293 | .38259 | .29363 | .69137 | .03818 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .71954 | .20166 | .26416 | .15149 | 3.0777 | .08816 | .98637 | 1.9107 |
| #2 | .72070 | .20241 | .26369 | .15110 | 3.0851 | .08765 | .98576 | 1.9098 |
| #3 | .72114 | .20239 | .26156 | .15091 | 3.1008 | .08784 | .97431 | 1.9093 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .24883 | 1.2902 | .01657 | .07122 | .05737 | 2.6697 | 36.932 |
| Stddev | .00036 | .0076  | .00014 | .00026 | .00029 | .0261  | .462   |
| %RSD   | .14472 | .59042 | .86214 | .36732 | .50505 | .97921 | 1.2522 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .24874 | 1.2963 | .01645 | .07123 | .05741 | 2.6901 | 37.162 |
| #2 | .24853 | 1.2927 | .01652 | .07095 | .05706 | 2.6788 | 37.234 |
| #3 | .24923 | 1.2817 | .01673 | .07147 | .05764 | 2.6402 | 36.400 |

Sample Name: S3      Acquired: 11/15/2024 10:55:34      Type: Cal  
Method: NON EPA-6010-200.7(v2472)      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       | 2720.0 | 63158. | 14349. | 2022.6 | 4397.5 |
| Stddev    | 11.8   | 49.    | 135.   | 3.7    | 11.8   |
| %RSD      | .43441 | .07687 | .93791 | .18510 | .26907 |
| #1        | 2708.7 | 63117. | 14251. | 2018.4 | 4386.7 |
| #2        | 2719.2 | 63144. | 14294. | 2025.6 | 4395.7 |
| #3        | 2732.3 | 63211. | 14503. | 2023.8 | 4410.1 |

Sample Name: S4      Acquired: 11/15/2024 10:59:50      Type: Cal  
Method: NON EPA-6010-200.7(v2472)      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    | .26475 | .32265 | 1.0402 | .44540 | .94919 | .71622 | 33.512 | .80033 |
| Stddev | .00046 | .00625 | .0016  | .00019 | .00222 | .00133 | .268   | .00676 |
| %RSD   | .17247 | 1.9360 | .15421 | .04334 | .23423 | .18600 | .79955 | .84469 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .26526 | .31568 | 1.0409 | .44530 | .95147 | .71498 | 33.334 | .80162 |
| #2 | .26437 | .32449 | 1.0414 | .44528 | .94909 | .71763 | 33.820 | .80635 |
| #3 | .26463 | .32776 | 1.0384 | .44563 | .94702 | .71606 | 33.383 | .79302 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 4.9256 | .94142 | .18348 | 1.9803 | .95941 | .02830 | 1.5120 | .33501 |
| Stddev | .0052  | .00110 | .00056 | .0054  | .00312 | .00005 | .0038  | .00077 |
| %RSD   | .10464 | .11729 | .30389 | .27299 | .32479 | .16033 | .25267 | .23044 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9298 | .94255 | .18300 | 1.9859 | .96298 | .02826 | 1.5130 | .33581 |
| #2 | 4.9271 | .94138 | .18410 | 1.9799 | .95800 | .02830 | 1.5153 | .33427 |
| #3 | 4.9198 | .94034 | .18336 | 1.9751 | .95725 | .02835 | 1.5078 | .33495 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.4046 | .39641 | .51347 | .29406 | 6.0119 | .17440 | 1.8729 | 3.7574 |
| Stddev | .0030  | .00070 | .00195 | .00081 | .0154  | .00095 | .0118  | .0051  |
| %RSD   | .21635 | .17651 | .38009 | .27430 | .25689 | .54318 | .62930 | .13572 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.4075 | .39562 | .51201 | .29429 | 6.0011 | .17331 | 1.8777 | 3.7633 |
| #2 | 1.4047 | .39694 | .51569 | .29472 | 6.0296 | .17488 | 1.8815 | 3.7544 |
| #3 | 1.4015 | .39667 | .51270 | .29316 | 6.0050 | .17501 | 1.8595 | 3.7545 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .48097 | 2.4846 | .03358 | .14122 | .11371 | 5.2263 | 70.224 |
| Stddev | .00076 | .0070  | .00037 | .00035 | .00026 | .0339  | .321   |
| %RSD   | .15775 | .28220 | 1.1085 | .24835 | .23188 | .64918 | .45673 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .48162 | 2.4871 | .03325 | .14144 | .11360 | 5.2120 | 69.975 |
| #2 | .48115 | 2.4901 | .03350 | .14140 | .11401 | 5.2650 | 70.110 |
| #3 | .48014 | 2.4767 | .03398 | .14082 | .11352 | 5.2018 | 70.586 |

Sample Name: S4      Acquired: 11/15/2024 10:59:50      Type: Cal  
Method: NON EPA-6010-200.7(v2472)      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       | 2600.2 | 61287. | 14333. | 1899.4 | 4186.7 |
| Stddev    | 15.7   | 155.   | 55.    | 12.0   | 22.9   |
| %RSD      | .60514 | .25272 | .38044 | .62982 | .54652 |
| #1        | 2582.7 | 61421. | 14295. | 1903.1 | 4164.0 |
| #2        | 2604.9 | 61322. | 14308. | 1909.1 | 4186.3 |
| #3        | 2613.1 | 61117. | 14395. | 1886.1 | 4209.8 |

Sample Name: S5      Acquired: 11/15/2024 11:04:04      Type: Cal  
Method: NON EPA-6010-200.7(v2472)      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    | .54940 | .64025 | 2.1280 | .92398 | 1.9821 | 1.4872 | 67.907 | 1.5920 |
| Stddev | .00096 | .00555 | .0099  | .00147 | .0027  | .0035  | .415   | .0098  |
| %RSD   | .17538 | .86648 | .46582 | .15941 | .13769 | .23407 | .61154 | .61810 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .54848 | .63676 | 2.1251 | .92258 | 1.9791 | 1.4889 | 67.549 | 1.5946 |
| #2 | .55040 | .63735 | 2.1198 | .92384 | 1.9843 | 1.4895 | 68.362 | 1.6003 |
| #3 | .54932 | .64665 | 2.1390 | .92552 | 1.9830 | 1.4832 | 67.808 | 1.5812 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 10.107 | 1.8999 | .37129 | 4.0910 | 1.9437 | .05794 | 3.0276 | .69048 |
| Stddev | .045   | .0039  | .00217 | .0167  | .0042  | .00018 | .0053  | .00117 |
| %RSD   | .45005 | .20574 | .58539 | .40752 | .21723 | .31228 | .17482 | .16912 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.099 | 1.8978 | .37288 | 4.0853 | 1.9392 | .05790 | 3.0231 | .68949 |
| #2 | 10.066 | 1.8976 | .37218 | 4.0779 | 1.9476 | .05778 | 3.0334 | .69018 |
| #3 | 10.156 | 1.9044 | .36882 | 4.1098 | 1.9444 | .05813 | 3.0263 | .69176 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.8794 | .81885 | 1.0749 | .59714 | 12.179 | .37028 | 3.7573 | 7.6489 |
| Stddev | .0112  | .00420 | .0078  | .00037 | .060   | .00176 | .0185  | .0132  |
| %RSD   | .38845 | .51303 | .72485 | .06117 | .49555 | .47620 | .49141 | .17210 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.8745 | .82217 | 1.0812 | .59732 | 12.222 | .37166 | 3.7648 | 7.6348 |
| #2 | 2.8715 | .82026 | 1.0772 | .59739 | 12.204 | .37089 | 3.7708 | 7.6512 |
| #3 | 2.8922 | .81413 | 1.0662 | .59672 | 12.110 | .36829 | 3.7362 | 7.6608 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .97823 | 5.0624 | .07234 | .29441 | .24031 | 10.888 | 138.42 |  |
| Stddev | .00471 | .0076  | .00050 | .00088 | .00107 | .060   | .70    |  |
| %RSD   | .48175 | .14954 | .69492 | .29898 | .44504 | .54944 | .50471 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .97647 | 5.0624 | .07195 | .29440 | .23959 | 10.899 | 138.95 |  |
| #2 | .97465 | 5.0700 | .07216 | .29353 | .23979 | 10.941 | 138.69 |  |
| #3 | .98357 | 5.0548 | .07290 | .29529 | .24154 | 10.823 | 137.63 |  |

Sample Name: S5      Acquired: 11/15/2024 11:04:04      Type: Cal  
Method: NON EPA-6010-200.7(v2472)      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       | 2477.3 | 59076. | 14204. | 1765.2 | 3926.5 |
| Stddev    | 13.1   | 274.   | 63.    | 8.1    | 13.6   |
| %RSD      | .53062 | .46307 | .44518 | .45683 | .34718 |
| #1        | 2486.9 | 58807. | 14176. | 1763.5 | 3941.7 |
| #2        | 2462.4 | 59065. | 14160. | 1758.2 | 3915.4 |
| #3        | 2482.7 | 59354. | 14277. | 1774.0 | 3922.4 |

Sample Name: ICV01      Acquired: 11/15/2024 11:08:17      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | 1.023459 | F 1.054222 | 1.003961 | 1.024352 | .9871348 | 2.544968 |
| Stddev | .004277  | .014792    | .000909  | .004534  | .0015162 | .012328  |
| %RSD   | .4179127 | 1.403165   | .0905419 | .4426377 | .1535988 | .4844143 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.027086 | 1.045670 | 1.002980 | 1.021491 | .9869861 | 2.559171 |
| #2 | 1.018742 | 1.045695 | 1.004130 | 1.021984 | .9887199 | 2.538696 |
| #3 | 1.024548 | 1.071303 | 1.004774 | 1.029579 | .9856984 | 2.537036 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5159002 | .5054128 | .4993277 | 9.979001 | .5269156 | .5060308 |
| Stddev | .0015435 | .0029251 | .0005619 | .047681  | .0030880 | .0006464 |
| %RSD   | .2991774 | .5787500 | .1125256 | .4778106 | .5860535 | .1277349 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5141180 | .5076176 | .4991454 | 10.03397 | .5298784 | .5067744 |
| #2 | .5168056 | .5020945 | .4988796 | 9.95419  | .5237160 | .5057143 |
| #3 | .5167769 | .5065263 | .4999581 | 9.94884  | .5271523 | .5056037 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5230259 | 9.998300 | .5141296 | 5.892083 | .5079547 | .2532324 |
| Stddev | .0015319 | .039847  | .0006524 | .034187  | .0002494 | .0012195 |
| %RSD   | .2928938 | .3985328 | .1268900 | .5802188 | .0490887 | .4815617 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5229732 | 9.975168 | .5134133 | 5.923447 | .5078415 | .2546399 |
| #2 | .5245834 | 10.04431 | .5142859 | 5.897161 | .5077820 | .2524921 |
| #3 | .5215209 | 9.97542  | .5146896 | 5.855641 | .5082406 | .2525653 |

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138     | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | 9.542424 | .5017553 | F 1.052313 | 9.939283 | F 2.346312 | 2.506727 |
| Stddev | .026540  | .0013374 | .003728    | .035649  | .012895    | .002147  |
| %RSD   | .2781233 | .2665396 | .3543047   | .3586645 | .5495700   | .0856493 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.515889 | .5032874 | 1.048022 | 9.908665 | 2.359416 | 2.504687 |
| #2 | 9.568969 | .5011566 | 1.054766 | 9.978419 | 2.333637 | 2.508967 |
| #3 | 9.542414 | .5008219 | 1.054150 | 9.930765 | 2.345885 | 2.506528 |

Sample Name: ICV01      Acquired: 11/15/2024 11:08:17      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | F 2.363455 | 2.410529 | F 1.910167 | F .0083842 | F -.008164 | F -.001968 |
| Stddev | .006868    | .003153  | .008635    | .0017550   | .003833    | .000193    |
| %RSD   | .2905763   | .1308000 | .4520468   | 20.93254   | 46.94988   | 9.795322   |
| #1     | 2.362678   | 2.413899 | 1.912105   | .0092096   | -.003827   | -.002017   |
| #2     | 2.357008   | 2.407651 | 1.917667   | .0063686   | -.009566   | -.002131   |
| #3     | 2.370677   | 2.410037 | 1.900727   | .0095744   | -.011098   | -.001755   |

| Elem   | Sr4077     |
|--------|------------|
| Units  | ppm        |
| Avg    | F -.008649 |
| Stddev | .000038    |
| %RSD   | .4449211   |
| #1     | -.008636   |
| #2     | -.008693   |
| #3     | -.008619   |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2628.504 | 61182.04 | 14606.13 | 1856.496 | 4427.159 |
| Stddev    | 11.332   | 166.71   | 54.74    | 2.772    | 10.201   |
| %RSD      | .4311106 | .2724887 | .3748021 | .1493301 | .2304190 |
| #1        | 2625.350 | 61009.30 | 14545.59 | 1858.990 | 4423.189 |
| #2        | 2619.083 | 61194.84 | 14652.15 | 1853.511 | 4419.541 |
| #3        | 2641.079 | 61341.99 | 14620.65 | 1856.987 | 4438.749 |



Sample Name: LLICV01      Acquired: 11/15/2024 11:55:24      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0208697 | .0455646 | .0125057 | .0201862 | .0507041 | .1063002 |
| Stddev | .0010743 | .0033098 | .0011605 | .0016405 | .0000466 | .0004894 |
| %RSD   | 5.147646 | 7.263871 | 9.279477 | 8.126724 | .0918152 | .4603993 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0216005 | .0456931 | .0115301 | .0214191 | .0506801 | .1063988 |
| #2 | .0213724 | .0421926 | .0121980 | .0208151 | .0507577 | .1057689 |
| #3 | .0196363 | .0488083 | .0137890 | .0183243 | .0506744 | .1067327 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1023178 | .0058769 | .0070051 | 2.028432 | .0098354 | .0293479 |
| Stddev | .0004475 | .0000153 | .0000146 | .013009  | .0000574 | .0000924 |
| %RSD   | .4373846 | .2600252 | .2086732 | .6413225 | .5832388 | .3147317 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1021905 | .0058751 | .0070073 | 2.015565 | .0098823 | .0293533 |
| #2 | .1028151 | .0058626 | .0069895 | 2.041578 | .0097714 | .0292530 |
| #3 | .1019477 | .0058930 | .0070185 | 2.028151 | .0098524 | .0294375 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0223220 | .0947962 | .0204392 | 1.982187 | .0387926 | .0102079 |
| Stddev | .0001039 | .0030687 | .0001589 | .011526  | .0002835 | .0003376 |
| %RSD   | .4656413 | 3.237128 | .7773949 | .5814941 | .7307806 | 3.307025 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0224024 | .0915121 | .0205827 | 1.980271 | .0391180 | .0101898 |
| #2 | .0223589 | .0975906 | .0204665 | 1.994551 | .0386610 | .0105541 |
| #3 | .0222046 | .0952859 | .0202685 | 1.971738 | .0385988 | .0098797 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.772583 | .0416136 | .0438243 | 1.851243 | .1038209 | .2142167 |
| Stddev | .007771  | .0002033 | .0004736 | .014525  | .0005347 | .0010918 |
| %RSD   | .4384156 | .4884952 | 1.080717 | .7845965 | .5150599 | .5096921 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.764467 | .0418472 | .0438271 | 1.836344 | .1043248 | .2131102 |
| #2 | 1.773327 | .0415167 | .0442965 | 1.865362 | .1032599 | .2142467 |
| #3 | 1.779956 | .0414770 | .0433493 | 1.852024 | .1038781 | .2152933 |

Sample Name: LLICV01      Acquired: 11/15/2024 11:55:24      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0341257 | F .1999878 | .3373078 | .0185751 | F .3593010 | .0188667 |
| Stddev | .0006903 | .0007184   | .0020223 | .0005108 | .0038087   | .0002612 |
| %RSD   | 2.022908 | .3592305   | .5995529 | 2.749657 | 1.060025   | 1.384446 |
| #1     | .0348742 | .2007861   | .3356318 | .0179955 | .3593648   | .0189355 |
| #2     | .0335141 | .1993931   | .3395540 | .0187705 | .3554608   | .0190867 |
| #3     | .0339887 | .1997843   | .3367375 | .0189593 | .3630774   | .0185780 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0208824 |
| Stddev | .0000573 |
| %RSD   | .2742681 |
| #1     | .0209485 |
| #2     | .0208468 |
| #3     | .0208520 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2603.330 | 62309.56 | 14396.97 | 1831.643 | 4548.300 |
| Stddev    | 8.361    | 135.89   | 56.46    | 10.114   | 4.307    |
| %RSD      | .3211613 | .2180885 | .3921932 | .5521959 | .0946881 |
| #1        | 2611.925 | 62342.47 | 14331.80 | 1824.740 | 4552.088 |
| #2        | 2595.225 | 62160.23 | 14431.30 | 1826.935 | 4543.616 |
| #3        | 2602.839 | 62425.97 | 14427.81 | 1843.253 | 4549.196 |

Sample Name: ICB01      Acquired: 11/15/2024 12:01:10      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002035 | -.000849 | .0004114 | -.000747 | -.000958 | .0002498 | -.001570 |
| Stddev | .0012158 | .000247  | .0006429 | .000869  | .000272  | .0000215 | .000173  |
| %RSD   | 597.5110 | 29.06458 | 156.2603 | 116.2728 | 28.35328 | 8.607771 | 10.99148 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000260 | -.000714 | .0004457 | -.001247 | -.001034 | .0002296 | -.001575 |
| #2 | .001583  | -.001134 | .0010365 | .000256  | -.000657 | .0002474 | -.001395 |
| #3 | -.000712 | -.000699 | -.000248 | -.001251 | -.001185 | .0002724 | -.001740 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000431 | .0000346 | .0098346 | -.000158 | -.000160 | -.000186 | -.004588 |
| Stddev | .0000328 | .0000345 | .0026679 | .000068  | .000172  | .000201  | .000710  |
| %RSD   | 76.11267 | 99.52667 | 27.12747 | 43.40374 | 107.5287 | 107.9102 | 15.47831 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000319 | .0000725 | .0097503 | -.000232 | -.000224 | -.000166 | -.003919 |
| #2 | .0000173 | .0000264 | .0072099 | -.000144 | -.000289 | -.000397 | -.004512 |
| #3 | .0000799 | .0000050 | .0125436 | -.000097 | .000035  | .000004  | -.005333 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000133 | -.005478 | -.000237 | -.000003 | -.320080 | .0009713 | .0011485 |
| Stddev | .000178  | .001585  | .000115  | .000025  | .017568  | .0008195 | .0001201 |
| %RSD   | 134.0070 | 28.92410 | 48.69007 | 809.1907 | 5.488530 | 84.37574 | 10.45994 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000024  | -.004551 | -.000312 | -.000013 | -.339348 | .0000550 | .0012522 |
| #2 | -.000096 | -.004576 | -.000104 | -.000021 | -.315941 | .0016342 | .0011764 |
| #3 | -.000327 | -.007308 | -.000294 | .000025  | -.304951 | .0012246 | .0010168 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.164356 | -.000050 | -.000266 | -.003381 | .0003207 | .0004235 | .0015941 |
| Stddev | .014365  | .000401  | .000208  | .000278  | .0000378 | .0028711 | .0000618 |
| %RSD   | 8.740464 | 810.1987 | 78.22104 | 8.223729 | 11.79055 | 677.9295 | 3.877168 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.173466 | -.000451 | -.000503 | -.003273 | .0003582 | .0025868 | .0016395 |
| #2 | -.171806 | .000351  | -.000112 | -.003697 | .0002826 | .0015175 | .0016191 |
| #3 | -.147796 | -.000049 | -.000184 | -.003173 | .0003213 | -.002834 | .0015237 |

Sample Name: ICB01      Acquired: 11/15/2024 12:01:10      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003438 | -.001032 | -.000069 |
| Stddev | .002537  | .000353  | .000019  |
| %RSD   | 73.78699 | 34.25668 | 27.10256 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.005029 | -.001378 | -.000051 |
| #2 | -.004773 | -.001046 | -.000068 |
| #3 | -.000513 | -.000672 | -.000088 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2753.698 | 65468.78 | 14492.18 | 1950.023 | 4875.691 |
| Stddev    | 5.624    | 1068.98  | 99.49    | 27.491   | 3.474    |
| %RSD      | .2042467 | 1.632814 | .6865203 | 1.409773 | .0712486 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2750.573 | 64922.67 | 14377.39 | 1937.722 | 4871.838 |
| #2 | 2760.191 | 64783.16 | 14553.65 | 1930.830 | 4878.584 |
| #3 | 2750.330 | 66700.51 | 14545.49 | 1981.516 | 4876.652 |

Sample Name: CRI01      Acquired: 11/15/2024 12:05:31      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0219449 | .0441257 | .0121668 | .0150986 | .0495049 | .1018902 |
| Stddev | .0008879 | .0012788 | .0005036 | .0008718 | .0006673 | .0022551 |
| %RSD   | 4.046180 | 2.898159 | 4.139393 | 5.773895 | 1.347986 | 2.213257 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0214069 | .0430538 | .0115977 | .0159173 | .0489599 | .1024993 |
| #2 | .0214581 | .0455413 | .0125552 | .0151965 | .0502491 | .0993932 |
| #3 | .0229698 | .0437822 | .0123474 | .0141820 | .0493056 | .1037782 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0997443 | .0058166 | .0068754 | 2.015301 | .0099606 | .0291402 |
| Stddev | .0008029 | .0000744 | .0000240 | .014595  | .0001499 | .0002307 |
| %RSD   | .8049087 | 1.279180 | .3494006 | .7242092 | 1.505247 | .7918021 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1004963 | .0057505 | .0068487 | 2.019897 | .0098720 | .0289832 |
| #2 | .0998378 | .0058972 | .0068825 | 2.027045 | .0101337 | .0290322 |
| #3 | .0988988 | .0058023 | .0068951 | 1.998961 | .0098760 | .0294051 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0221066 | .0950099 | .0198971 | 1.982186 | .0389221 | .0102439 |
| Stddev | .0000671 | .0028502 | .0003986 | .012443  | .0002886 | .0001730 |
| %RSD   | .3037107 | 2.999914 | 2.003085 | .6277258 | .7415607 | 1.688345 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0220526 | .0976029 | .0202591 | 1.991864 | .0387377 | .0103528 |
| #2 | .0220854 | .0954686 | .0199623 | 1.986543 | .0387739 | .0100445 |
| #3 | .0221818 | .0919581 | .0194700 | 1.968150 | .0392548 | .0103344 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.487072 | .0402599 | .0441687 | 1.790185 | .1024166 | .2122815 |
| Stddev | .014225  | .0010870 | .0001118 | .008568  | .0007413 | .0006676 |
| %RSD   | .9565921 | 2.699872 | .2531292 | .4786279 | .7237829 | .3144750 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.471011 | .0395257 | .0440591 | 1.783198 | .1027230 | .2115275 |
| #2 | 1.492118 | .0415086 | .0441644 | 1.787612 | .1029555 | .2127971 |
| #3 | 1.498086 | .0397453 | .0442825 | 1.799745 | .1015713 | .2125199 |

Sample Name: CRI01      Acquired: 11/15/2024 12:05:31      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0345809 | F .1952982 | .3350982 | .0179534 | F .3623027 | .0182501 |
| Stddev | .0004143 | .0014457   | .0017359 | .0028781 | .0022357   | .0003440 |
| %RSD   | 1.197973 | .7402306   | .5180351 | 16.03114 | .6170858   | 1.885195 |
| #1     | .0341294 | .1950993   | .3359151 | .0169940 | .3599207   | .0183371 |
| #2     | .0349434 | .1968330   | .3362751 | .0156775 | .3643557   | .0185423 |
| #3     | .0346699 | .1939623   | .3331046 | .0211887 | .3626316   | .0178709 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0202427 |
| Stddev | .0000947 |
| %RSD   | .4676541 |
| #1     | .0202842 |
| #2     | .0203096 |
| #3     | .0201344 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2644.050 | 63111.18 | 14571.84 | 1874.026 | 4581.870 |
| Stddev    | 5.145    | 137.50   | 94.58    | 11.697   | 8.888    |
| %RSD      | .1946052 | .2178621 | .6490746 | .6241544 | .1939787 |
| #1        | 2649.990 | 63224.86 | 14522.28 | 1883.288 | 4591.846 |
| #2        | 2641.189 | 63150.31 | 14512.33 | 1877.907 | 4578.966 |
| #3        | 2640.970 | 62958.36 | 14680.90 | 1860.882 | 4574.797 |

Sample Name: ICSA01      Acquired: 11/15/2024 12:09:48      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0054820 | .0102235 | .0086459 | -.017675 | -.003461 | 263.1998 |
| Stddev | .0040746 | .0012158 | .0024639 | .002013  | .001617  | 1.3258   |
| %RSD   | 74.32739 | 11.89249 | 28.49781 | 11.38731 | 46.72465 | .5037112 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0007933 | .0110892 | .0111305 | -.015818 | -.005328 | 263.5794 |
| #2 | .0074875 | .0107479 | .0062033 | -.017394 | -.002465 | 261.7256 |
| #3 | .0081652 | .0088335 | .0086039 | -.019814 | -.002591 | 264.2943 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030646 | .0013937 | .0069851 | 244.0112 | .0568372 | .0021753 |
| Stddev | .0002654 | .0000723 | .0002490 | .5309    | .0002795 | .0002197 |
| %RSD   | 8.658840 | 5.187178 | 3.565307 | .2175518 | .4918404 | 10.09720 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0031174 | .0014155 | .0071782 | 243.9663 | .0569623 | .0021301 |
| #2 | .0027768 | .0014526 | .0067040 | 243.5042 | .0565170 | .0019818 |
| #3 | .0032996 | .0013130 | .0070731 | 244.5631 | .0570324 | .0024141 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053490 | 97.54774 | .0034715 | 267.1851 | .0016154 | -.000521 |
| Stddev | .0003601 | .55212   | .0002735 | .5555    | .0003418 | .000235  |
| %RSD   | 6.732577 | .5660044 | 7.879531 | .2079116 | 21.15720 | 45.03126 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0057329 | 97.02341 | .0036425 | 267.1655 | .0019835 | -.000588 |
| #2 | .0052955 | 98.12399 | .0036159 | 266.6397 | .0015545 | -.000260 |
| #3 | .0050187 | 97.49582 | .0031560 | 267.7502 | .0013082 | -.000715 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.176532 | .0078938 | .0081630 | -.071302 | .0393430 | -.000716 |
| Stddev | .022185  | .0005456 | .0003181 | .021389  | .0010406 | .000296  |
| %RSD   | 12.56706 | 6.912009 | 3.896748 | 29.99817 | 2.644920 | 41.38230 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.201811 | .0083393 | .0077957 | -.063662 | .0382525 | -.001058 |
| #2 | -.167485 | .0072853 | .0083446 | -.095462 | .0394514 | -.000559 |
| #3 | -.160300 | .0080569 | .0083488 | -.054782 | .0403252 | -.000531 |

Sample Name: ICSA01      Acquired: 11/15/2024 12:09:48      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.008300 | -.000769 | .0114857 | .0017586 | -.011520 | F -.041210 |
| Stddev | .002321  | .000311  | .0015580 | .0024201 | .004368  | .000438    |
| %RSD   | 27.96511 | 40.41723 | 13.56421 | 137.6175 | 37.91546 | 1.062299   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.010842 | -.000822 | .0129077 | .0015289 | -.012588 | -.040925 |
| #2 | -.007763 | -.001051 | .0098205 | .0042854 | -.015255 | -.041714 |
| #3 | -.006294 | -.000436 | .0117290 | -.000538 | -.006717 | -.040991 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0049686 |
| Stddev | .0007256 |
| %RSD   | 14.60358 |

|    |          |
|----|----------|
| #1 | .0057980 |
| #2 | .0046565 |
| #3 | .0044512 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2260.526 | 54474.16 | 13640.99 | 1582.553 | 3546.994 |
| Stddev    | 10.678   | 309.95   | 32.00    | 7.528    | 11.872   |
| %RSD      | .4723818 | .5689895 | .2346037 | .4756900 | .3347038 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2267.983 | 54627.05 | 13604.05 | 1590.811 | 3553.084 |
| #2 | 2265.303 | 54117.47 | 13660.29 | 1576.072 | 3554.585 |
| #3 | 2248.294 | 54677.97 | 13658.63 | 1580.776 | 3533.313 |



Sample Name: ICSAB01      Acquired: 11/15/2024 12:17:50      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .1180076 | .1134572 | .0556009 | .0312332 | .6265571 | 261.9808 |
| Stddev | .0024807 | .0029969 | .0003609 | .0011999 | .0026032 | 4.2724   |
| %RSD   | 2.102182 | 2.641432 | .6490580 | 3.841688 | .4154750 | 1.630796 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1153478 | .1101708 | .0557071 | .0319314 | .6263697 | 266.7952 |
| #2 | .1184166 | .1141615 | .0558967 | .0319204 | .6292488 | 260.5057 |
| #3 | .1202584 | .1160392 | .0551988 | .0298477 | .6240526 | 258.6414 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5083936 | .5020229 | 1.003190 | 241.6413 | .5565195 | .5086285 |
| Stddev | .0096247 | .0063916 | .000096  | 3.4753   | .0030596 | .0005189 |
| %RSD   | 1.893164 | 1.273170 | .0095633 | 1.438213 | .5497741 | .1020262 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5191209 | .5093881 | 1.003117 | 245.6504 | .5535493 | .5081951 |
| #2 | .5055456 | .4987498 | 1.003299 | 239.4850 | .5563479 | .5092035 |
| #3 | .5005143 | .4979308 | 1.003153 | 239.7885 | .5596613 | .5084868 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4957627 | 96.84869 | .4832826 | 263.8908 | 1.000846 | .1983999 |
| Stddev | .0015026 | .19792   | .0080870 | 3.6615   | .000224  | .0008676 |
| %RSD   | .3030812 | .2043630 | 1.673339 | 1.387502 | .0223807 | .4373234 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4957344 | 96.73603 | .4925593 | 268.0943 | 1.000726 | .1974043 |
| #2 | .4972793 | 96.73282 | .4795688 | 261.3963 | 1.001104 | .1988003 |
| #3 | .4942745 | 97.07723 | .4777196 | 262.1818 | 1.000708 | .1989950 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.184947 | .4968510 | .8937778 | -.074258 | .9205880 | .9900921 |
| Stddev | .034770  | .0086556 | .0055767 | .015258  | .0099835 | .0015396 |
| %RSD   | 18.80002 | 1.742094 | .6239449 | 20.54677 | 1.084470 | .1555039 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.218439 | .5068451 | .8873430 | -.076048 | .9320648 | .9915047 |
| #2 | -.187375 | .4917657 | .8967856 | -.058184 | .9139097 | .9903208 |
| #3 | -.149026 | .4919422 | .8972050 | -.088542 | .9157895 | .9884510 |

Sample Name: ICSAB01      Acquired: 11/15/2024 12:17:50      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .9479565 | .9214447 | F .7857322 | F .0097347 | F -.012104 | F -.041559 |
| Stddev | .0032821 | .0164016 | .0047055   | .0011668   | .005980    | .000804    |
| %RSD   | .3462276 | 1.779992 | .5988714   | 11.98543   | 49.40680   | 1.933799   |
| #1     | .9442439 | .9401459 | .7829392   | .0090416   | -.014005   | -.042484   |
| #2     | .9504719 | .9146852 | .7830926   | .0110818   | -.005405   | -.041162   |
| #3     | .9491537 | .9095030 | .7911650   | .0090808   | -.016903   | -.041031   |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0056475 |
| Stddev | .0020941   |
| %RSD   | 37.07973   |
| #1     | .0079459   |
| #2     | .0051487   |
| #3     | .0038478   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2262.250 | 54958.58 | 13784.33 | 1600.399 | 3552.908 |
| Stddev    | 6.657    | 141.52   | 196.09   | 4.448    | 6.314    |
| %RSD      | .2942791 | .2575005 | 1.422540 | .2779562 | .1777006 |
| #1        | 2255.851 | 55106.96 | 13560.24 | 1604.308 | 3546.273 |
| #2        | 2261.761 | 54943.67 | 13868.30 | 1595.559 | 3553.609 |
| #3        | 2269.139 | 54825.10 | 13924.45 | 1601.329 | 3558.842 |

Sample Name: ICSADLX20      Acquired: 11/15/2024 12:22:13      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSADLX20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001143 | .0009647 | .0000878 | .0013529 | -.000201 | 12.59708 | -.001661 |
| Stddev | .001636  | .0009132 | .0013808 | .0012761 | .001157  | .09493   | .000144  |
| %RSD   | 143.0802 | 94.66171 | 1572.823 | 94.32291 | 574.8474 | .7535866 | 8.645774 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000118 | .0015283 | -.001491 | .0015795 | .000959  | 12.70668 | -.001618 |
| #2 | -.000282 | -.000089 | .001067  | -.000021 | -.001355 | 12.54395 | -.001821 |
| #3 | -.003030 | .001455  | .000687  | .002500  | -.000207 | 12.54061 | -.001544 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001252 | .0002205 | 12.37077 | .0026145 | .0001005 | .0003269 | 4.804793 |
| Stddev | .0000239 | .0000867 | .12154   | .0002296 | .0000517 | .0004387 | .020341  |
| %RSD   | 19.05496 | 39.29347 | .9824509 | 8.781583 | 51.48900 | 134.1891 | .4233512 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001296 | .0001208 | 12.50456 | .0024001 | .0001449 | .0007936 | 4.800705 |
| #2 | .0001466 | .0002770 | 12.26719 | .0028568 | .0001130 | -.000077 | 4.786806 |
| #3 | .0000995 | .0002637 | 12.34054 | .0025867 | .0000436 | .000264  | 4.826868 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000037 | 12.66076 | -.000010 | -.000051 | -.315660 | .0007115 | .0006883 |
| Stddev | .000048  | .11801   | .000072  | .000123  | .020876  | .0016047 | .0001223 |
| %RSD   | 127.9291 | .9320803 | 722.0634 | 238.7758 | 6.613521 | 225.5431 | 17.76903 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000091 | 12.76815 | -.000024 | -.000134 | -.335956 | -.000328 | .0005523 |
| #2 | -.000022 | 12.53442 | -.000074 | .000090  | -.316776 | -.000097 | .0007894 |
| #3 | .000001  | 12.67971 | .000068  | -.000110 | -.294248 | .002560  | .0007231 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.159585 | .0025271 | -.000058 | -.004768 | .0001661 | -.000670 | .0012647 |
| Stddev | .003577  | .0001354 | .000009  | .001360  | .0002324 | .002552  | .0022257 |
| %RSD   | 2.241675 | 5.356247 | 16.03257 | 28.52499 | 139.8901 | 380.7854 | 175.9928 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.159024 | .0026723 | -.000054 | -.003622 | .0002319 | .001245  | .0035451 |
| #2 | -.163410 | .0025046 | -.000069 | -.006272 | -.000092 | -.003568 | -.000902 |
| #3 | -.156321 | .0024044 | -.000052 | -.004412 | .000359  | .000312  | .001151  |

Sample Name: ICSADLX20      Acquired: 11/15/2024 12:22:13      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSADLX20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0000288 | -.003616 | .0002915 |
| Stddev | .0014624 | .000537  | .0000496 |
| %RSD   | 5074.134 | 14.86008 | 17.03226 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0013880 | -.003320 | .0003322 |
| #2 | -.001519 | -.003292 | .0003061 |
| #3 | .000217  | -.004236 | .0002362 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2633.824 | 61525.02 | 14249.56 | 1844.796 | 4473.559 |
| Stddev    | 13.363   | 131.07   | 137.24   | 10.057   | 13.937   |
| %RSD      | .5073758 | .2130349 | .9630823 | .5451693 | .3115508 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2624.214 | 61676.19 | 14094.38 | 1855.950 | 4462.172 |
| #2 | 2628.173 | 61455.68 | 14299.37 | 1836.418 | 4469.402 |
| #3 | 2649.085 | 61443.18 | 14354.94 | 1842.020 | 4489.101 |

Sample Name: ICSABDLX20      Acquired: 11/15/2024 12:26:29      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSABDLX20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0059901 | .0060753 | .0030474 | .0003734 | .0289962 | 12.99244 | .0243937 |
| Stddev | .0018098 | .0018844 | .0002256 | .0013298 | .0009079 | .07591   | .0004753 |
| %RSD   | 30.21346 | 31.01706 | 7.404506 | 356.0992 | 3.131153 | .5842951 | 1.948486 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0075914 | .0040646 | .0029360 | -.000723 | .0300205 | 13.06328 | .0248041 |
| #2 | .0063524 | .0063605 | .0028991 | .001853  | .0282905 | 13.00174 | .0238729 |
| #3 | .0040266 | .0078009 | .0033070 | -.000010 | .0286776 | 12.91230 | .0245040 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0267214 | .0506933 | 12.67359 | .0293808 | .0253190 | .0266331 | 4.931754 |
| Stddev | .0002355 | .0002665 | .06471   | .0002991 | .0000737 | .0001758 | .022325  |
| %RSD   | .8812968 | .5256866 | .5106042 | 1.018053 | .2910731 | .6599720 | .4526780 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0267840 | .0504949 | 12.74547 | .0294909 | .0252399 | .0265214 | 4.944046 |
| #2 | .0269192 | .0505888 | 12.65533 | .0296092 | .0253312 | .0265422 | 4.905984 |
| #3 | .0264609 | .0509962 | 12.61997 | .0290422 | .0253858 | .0268357 | 4.945232 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0258023 | 12.97753 | .0509202 | .0094613 | -.327861 | .0270448 | .0554632 |
| Stddev | .0004184 | .02913   | .0003707 | .0003300 | .019321  | .0009022 | .0001874 |
| %RSD   | 1.621443 | .2244731 | .7280485 | 3.488239 | 5.893189 | 3.335786 | .3379556 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0262125 | 12.99715 | .0506713 | .0092470 | -.350165 | .0271737 | .0556776 |
| #2 | .0258181 | 12.99138 | .0507431 | .0098414 | -.317176 | .0260852 | .0553815 |
| #3 | .0253762 | 12.94406 | .0513463 | .0092956 | -.316241 | .0278756 | .0553304 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.145315 | .0493659 | .0512900 | .0433657 | .0480113 | .0420637 | -.000176 |
| Stddev | .013355  | .0004276 | .0001132 | .0006970 | .0000946 | .0013404 | .001187  |
| %RSD   | 9.190559 | .8661552 | .2207574 | 1.607246 | .1970897 | 3.186570 | 675.3228 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.155910 | .0498319 | .0511778 | .0427760 | .0479501 | .0431743 | .000770  |
| #2 | -.149722 | .0489915 | .0514042 | .0431862 | .0479634 | .0405748 | .000210  |
| #3 | -.130314 | .0492744 | .0512880 | .0441349 | .0481203 | .0424421 | -.001508 |

Sample Name: ICSABDLX20      Acquired: 11/15/2024 12:26:29      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSABDLX20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002342 | -.003466 | .0003189 |
| Stddev | .001727  | .000240  | .0000392 |
| %RSD   | 73.73585 | 6.913948 | 12.28341 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.003467 | -.003654 | .0003493 |
| #2 | -.000354 | -.003548 | .0003327 |
| #3 | -.003207 | -.003196 | .0002747 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2603.091 | 61826.89 | 14370.67 | 1841.497 | 4429.985 |
| Stddev    | 14.189   | 219.35   | 89.60    | 7.257    | 16.968   |
| %RSD      | .5450828 | .3547869 | .6234861 | .3940908 | .3830213 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2615.992 | 61840.77 | 14283.55 | 1844.118 | 4446.936 |
| #2 | 2587.894 | 62038.97 | 14365.89 | 1847.079 | 4413.000 |
| #3 | 2605.389 | 61600.93 | 14462.56 | 1833.294 | 4430.020 |

Sample Name: CCV01      Acquired: 11/15/2024 12:30:44      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.077407 | 4.823655 | 4.971475 | 5.225125 | 5.157488 | 10.15601 | 9.731853 |
| Stddev | .014012  | .041774  | .004530  | .012569  | .009434  | .03590   | .044060  |
| %RSD   | .2759593 | .8660244 | .0911203 | .2405553 | .1829110 | .3534776 | .4527386 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.064501 | 4.843524 | 4.969404 | 5.212304 | 5.150794 | 10.15174 | 9.680978 |
| #2 | 5.075411 | 4.775654 | 4.968350 | 5.225647 | 5.153393 | 10.12244 | 9.757454 |
| #3 | 5.092310 | 4.851785 | 4.976670 | 5.237426 | 5.168277 | 10.19386 | 9.757129 |

| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2474024 | 2.464159 | 24.51864 | 1.024158 | 2.469570 | 1.282450 | 4.889570 |
| Stddev | .0016686 | .003777  | .07901   | .001825  | .002932  | .002045  | .024397  |
| %RSD   | .6744552 | .1532642 | .3222401 | .1782271 | .1187267 | .1594958 | .4989603 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2492116 | 2.461469 | 24.53167 | 1.026171 | 2.466776 | 1.282174 | 4.867272 |
| #2 | .2459239 | 2.462531 | 24.43393 | 1.022610 | 2.469310 | 1.280556 | 4.885810 |
| #3 | .2470717 | 2.468476 | 24.59033 | 1.023692 | 2.472623 | 1.284619 | 4.915629 |

| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.380967 | 24.70573 | 2.470851 | 1.267147 | 24.63323 | 2.511472 | 2.605010 |
| Stddev | .012451  | .10620   | .003298  | .001148  | .05390   | .003660  | .003906  |
| %RSD   | .5229419 | .4298565 | .1334834 | .0906237 | .2188267 | .1457301 | .1499580 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.391267 | 24.71670 | 2.467125 | 1.268405 | 24.66542 | 2.510397 | 2.602675 |
| #2 | 2.367130 | 24.59447 | 2.472031 | 1.266155 | 24.66327 | 2.508470 | 2.609519 |
| #3 | 2.384504 | 24.80602 | 2.473397 | 1.266882 | 24.57100 | 2.515549 | 2.602835 |

| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.23240 | 4.913618 | 5.225050 | 4.951686 | 4.852546 | 5.041107 | 4.885736 |
| Stddev | .09664   | .029415  | .008082  | .001617  | .016754  | .033022  | .006660  |
| %RSD   | .3829934 | .5986472 | .1546692 | .0326461 | .3452546 | .6550466 | .1363080 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.12524 | 4.944799 | 5.219047 | 4.951223 | 4.869124 | 5.003739 | 4.889670 |
| #2 | 25.25903 | 4.886363 | 5.221864 | 4.953483 | 4.835622 | 5.053222 | 4.878047 |
| #3 | 25.31293 | 4.909692 | 5.234239 | 4.950351 | 4.852892 | 5.066360 | 4.889491 |

Sample Name: CCV01      Acquired: 11/15/2024 12:30:44      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.821875 | 4.931142 | 4.941136 |
| Stddev | .008608  | .010849  | .004638  |
| %RSD   | .1785157 | .2200044 | .0938698 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.824515 | 4.938908 | 4.936028 |
| #2 | 4.812256 | 4.918747 | 4.945084 |
| #3 | 4.828854 | 4.935773 | 4.942296 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2474.084 | 58869.67 | 14272.98 | 1715.090 | 4088.792 |
| Stddev    | 1.890    | 58.29    | 59.94    | 12.850   | 1.315    |
| %RSD      | .0763809 | .0990203 | .4199788 | .7492531 | .0321529 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2475.723 | 58896.67 | 14203.78 | 1721.714 | 4090.194 |
| #2 | 2472.017 | 58802.77 | 14308.91 | 1700.279 | 4088.597 |
| #3 | 2474.512 | 58909.57 | 14306.24 | 1723.276 | 4087.586 |



Sample Name: CCB01      Acquired: 11/15/2024 12:38:30      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005632 | .0006213 | .0002465 | -.000703 | -.000068 | .0039744 | -.003122 |
| Stddev | .0025591 | .0006766 | .0005363 | .000483  | .000667  | .0030268 | .000286  |
| %RSD   | 454.3492 | 108.9004 | 217.5799 | 68.63875 | 981.5316 | 76.15808 | 9.166821 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002197 | -.000159 | .0001684 | -.001169 | -.000565 | .0059819 | -.002809 |
| #2 | .001030  | .001048  | .0008175 | -.000205 | .000690  | .0004929 | -.003369 |
| #3 | .002857  | .000975  | -.000246 | -.000736 | -.000328 | .0054483 | -.003189 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000359 | -.000058 | .0034734 | -.000067 | .0000640 | -.000264 | -.005310 |
| Stddev | .0000402 | .000026  | .0003512 | .000095  | .0002376 | .000323  | .004696  |
| %RSD   | 111.7728 | 45.10280 | 10.11168 | 140.0900 | 371.4322 | 122.4990 | 88.43364 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000010 | -.000087 | .0038064 | .000041  | .0002846 | -.000579 | -.000655 |
| #2 | .000057  | -.000051 | .0035073 | -.000133 | .0000948 | .000067  | -.005229 |
| #3 | .000062  | -.000036 | .0031065 | -.000110 | -.000188 | -.000280 | -.010046 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000134 | -.011440 | -.000078 | .0000904 | -.347283 | -.000472 | .0001242 |
| Stddev | .000057  | .005167  | .000102  | .0001577 | .018474  | .000579  | .0003046 |
| %RSD   | 42.49741 | 45.16424 | 130.4993 | 174.4372 | 5.319586 | 122.6761 | 245.3397 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000138 | -.012817 | .000031  | -.000069 | -.366507 | -.001098 | -.000071 |
| #2 | -.000075 | -.005724 | -.000172 | .000246  | -.345677 | -.000362 | -.000032 |
| #3 | -.000189 | -.015778 | -.000095 | .000094  | -.329664 | .000044  | .000475  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.159604 | .0032918 | -.000188 | -.003521 | .0002583 | .0023225 | .0015807 |
| Stddev | .014375  | .0002204 | .000078  | .000347  | .0001477 | .0016312 | .0015745 |
| %RSD   | 9.006379 | 6.695321 | 41.33135 | 9.841144 | 57.17106 | 70.23772 | 99.60826 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.143905 | .0032748 | -.000250 | -.003200 | .0000879 | .0041992 | .0030728 |
| #2 | -.162787 | .0030804 | -.000211 | -.003888 | .0003500 | .0015233 | -.000065 |
| #3 | -.172120 | .0035202 | -.000101 | -.003475 | .0003369 | .0012449 | .001734  |

Sample Name: CCB01      Acquired: 11/15/2024 12:38:30      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003925 | -.001987 | -.000068 |
| Stddev | .001462  | .000461  | .000008  |
| %RSD   | 37.24616 | 23.18178 | 11.74173 |
| #1     | -.004678 | -.002008 | -.000067 |
| #2     | -.002240 | -.002437 | -.000076 |
| #3     | -.004858 | -.001517 | -.000060 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2619.607 | 62384.29 | 14296.77 | 1819.595 | 4644.427 |
| Stddev    | 14.724   | 322.81   | 121.01   | 12.269   | 17.495   |
| %RSD      | .5620543 | .5174598 | .8463823 | .6742795 | .3766868 |
| #1        | 2603.622 | 62030.30 | 14160.43 | 1815.849 | 4625.386 |
| #2        | 2622.585 | 62460.18 | 14338.49 | 1809.635 | 4648.102 |
| #3        | 2632.614 | 62662.40 | 14391.40 | 1833.300 | 4659.792 |

Sample Name: PB164645BL      Acquired: 11/15/2024 12:42:52      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0003397 | -.000598 | .0000449 | -.000537 | -.000767 | -.001796 | -.001823 |
| Stddev | .0022394 | .001916  | .0005643 | .000328  | .000767  | .000551  | .000112  |
| %RSD   | 659.2888 | 320.2196 | 1257.583 | 61.04631 | 100.0770 | 30.66360 | 6.142753 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0029139 | .001464  | .0005685 | -.000593 | -.001647 | -.001409 | -.001727 |
| #2 | -.001160 | -.002323 | -.000553 | -.000185 | -.000415 | -.002426 | -.001795 |
| #3 | -.000735 | -.000936 | .000119  | -.000833 | -.000238 | -.001553 | -.001946 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000186 | .0000111 | -.011896 | .0000987 | -.000206 | -.000568 | -.006543 |
| Stddev | .0000332 | .0000818 | .005580  | .0001181 | .000138  | .000060  | .002611  |
| %RSD   | 178.7404 | 734.8483 | 46.90212 | 119.6154 | 67.05481 | 10.58617 | 39.90190 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000330 | .0000327 | -.018219 | -.000019 | -.000323 | -.000632 | -.008438 |
| #2 | .0000421 | .0000800 | -.007661 | .000097  | -.000054 | -.000513 | -.007627 |
| #3 | -.000019 | -.000079 | -.009810 | .000218  | -.000242 | -.000558 | -.003565 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000276 | -.004557 | -.000107 | .0000255 | -.357233 | .0011297 | -.000994 |
| Stddev | .000043  | .010798  | .000201  | .0001649 | .020520  | .0008919 | .000277  |
| %RSD   | 15.76326 | 236.9294 | 188.7038 | 647.5070 | 5.744012 | 78.94845 | 27.82933 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000241 | -.016418 | -.000338 | .0001881 | -.377587 | .0006723 | -.000839 |
| #2 | -.000261 | -.001958 | .000023  | -.000142 | -.357561 | .0021575 | -.001314 |
| #3 | -.000324 | .004703  | -.000004 | .000030  | -.336552 | .0005593 | -.000830 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.157718 | .0029287 | -.000230 | -.000041 | .0001017 | .0046394 | .0005464 |
| Stddev | .015118  | .0001669 | .000170  | .000261  | .0003018 | .0033943 | .0009133 |
| %RSD   | 9.585621 | 5.698040 | 73.71646 | 645.4547 | 296.9133 | 73.16305 | 167.1567 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.144907 | .0031119 | -.000418 | .000051  | .0000750 | .0077817 | .0015631 |
| #2 | -.174394 | .0027853 | -.000087 | -.000336 | .0004160 | .0050970 | -.000205 |
| #3 | -.153855 | .0028888 | -.000186 | .000163  | -.000186 | .0010395 | .000281  |

Sample Name: PB164645BL      Acquired: 11/15/2024 12:42:52      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.006062 | -.001656 | -.000082 |
| Stddev | .001320  | .000244  | .000005  |
| %RSD   | 21.77624 | 14.71075 | 5.529074 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.007264 | -.001666 | -.000085 |
| #2 | -.006273 | -.001408 | -.000077 |
| #3 | -.004649 | -.001894 | -.000083 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2666.664 | 62785.18 | 14264.10 | 1871.941 | 4699.005 |
| Stddev    | 7.606    | 167.73   | 98.77    | 7.054    | 16.816   |
| %RSD      | .2852166 | .2671497 | .6924470 | .3768118 | .3578662 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2658.158 | 62592.18 | 14155.01 | 1873.135 | 4679.837 |
| #2 | 2669.025 | 62895.77 | 14289.86 | 1878.321 | 4705.899 |
| #3 | 2672.810 | 62867.58 | 14347.45 | 1864.366 | 4711.278 |

Sample Name: PB164645BS      Acquired: 11/15/2024 12:47:12      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .8111822 | 1.950704 | .9886049 | 2.019670 | .7833760 | 2.036297 |
| Stddev | .0054572 | .016012  | .0033751 | .011384  | .0051191 | .002560  |
| %RSD   | .6727512 | .8208118 | .3414007 | .5636521 | .6534609 | .1257253 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8052301 | 1.954558 | .9847545 | 2.006537 | .7791632 | 2.036707 |
| #2 | .8123663 | 1.964438 | .9910515 | 2.026712 | .7818915 | 2.038627 |
| #3 | .8159502 | 1.933118 | .9900088 | 2.025762 | .7890732 | 2.033557 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1996908 | .2087072 | .1941346 | 1.033891 | .4097377 | .1971518 |
| Stddev | .0008126 | .0005698 | .0005565 | .007964  | .0008513 | .0003467 |
| %RSD   | .4069099 | .2729967 | .2866300 | .7702577 | .2077611 | .1758346 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2005478 | .2091770 | .1938241 | 1.039930 | .4107201 | .1969108 |
| #2 | .1989316 | .2088713 | .1947770 | 1.024866 | .4092170 | .1975491 |
| #3 | .1995930 | .2080734 | .1938027 | 1.036877 | .4092761 | .1969955 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3173956 | 2.880073 | .2025165 | 2.006893 | .4951562 | .0754160 |
| Stddev | .0015208 | .011759  | .0005832 | .005266  | .0008911 | .0002134 |
| %RSD   | .4791459 | .4082813 | .2879726 | .2623781 | .1799719 | .2829984 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3159779 | 2.890098 | .2028675 | 2.012702 | .4941755 | .0756466 |
| #2 | .3172071 | 2.867130 | .2028386 | 2.005545 | .4959163 | .0753762 |
| #3 | .3190019 | 2.882990 | .2018433 | 2.002433 | .4953769 | .0752253 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 2.409412 | .3108748 | .2115329 | 9.407645 | .3049221 | .4144159 |
| Stddev | .006386    | .0010702 | .0013382 | .028913  | .0008265 | .0021203 |
| %RSD   | .2650454   | .3442400 | .6325954 | .3073388 | .2710593 | .5116327 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.416602 | .3096444 | .2111847 | 9.425784 | .3056729 | .4120894 |
| #2 | 2.404400 | .3113908 | .2130108 | 9.422849 | .3050570 | .4149186 |
| #3 | 2.407235 | .3115891 | .2104033 | 9.374302 | .3040364 | .4162396 |

Sample Name: PB164645BS      Acquired: 11/15/2024 12:47:12      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .6742746 | .1956510 | F .6833765 | 5.596480 | F -.012248 | .2083007 |
| Stddev | .0015152 | .0010303 | .0063312   | .044357  | .001838    | .0019976 |
| %RSD   | .2247206 | .5266097 | .9264627   | .7925827 | 15.00931   | .9590137 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6727787 | .1963344 | .6839856 | 5.591716 | -.010241 | .2105925 |
| #2 | .6758084 | .1961526 | .6893812 | 5.643026 | -.012652 | .2073805 |
| #3 | .6742366 | .1944659 | .6767628 | 5.554697 | -.013851 | .2069289 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2064475 |
| Stddev | .0008690 |
| %RSD   | .4209119 |

|    |          |
|----|----------|
| #1 | .2074488 |
| #2 | .2058913 |
| #3 | .2060024 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2597.267 | 62848.98 | 14068.29 | 1847.873 | 4478.347 |
| Stddev    | 20.677   | 416.02   | 83.72    | 14.074   | 23.963   |
| %RSD      | .7961028 | .6619289 | .5951087 | .7616451 | .5350788 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2615.351 | 62512.63 | 13995.96 | 1846.125 | 4503.297 |
| #2 | 2601.726 | 62720.12 | 14048.91 | 1834.754 | 4476.234 |
| #3 | 2574.725 | 63314.17 | 14160.00 | 1862.740 | 4455.511 |

Sample Name: P4834-03      Acquired: 11/15/2024 12:51:12      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0137732 | .0059735 | .0363596 | -.075663 | -.002258 | 138.0752 |
| Stddev | .0027280 | .0011730 | .0013964 | .002510  | .001189  | 1.2047   |
| %RSD   | 19.80634 | 19.63733 | 3.840424 | 3.317215 | 52.62987 | .8725259 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0106458 | .0055586 | .0379253 | -.077828 | -.002214 | 139.1931 |
| #2 | .0156631 | .0072976 | .0352432 | -.076249 | -.003468 | 138.2333 |
| #3 | .0150106 | .0050643 | .0359103 | -.072912 | -.001092 | 136.7992 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1894303 | .0076957 | .0625526 | 59.43932 | .0257559 | .0877886 |
| Stddev | .0025041 | .0001162 | .0009283 | .62684   | .0001188 | .0009202 |
| %RSD   | 1.321894 | 1.509883 | 1.484079 | 1.054586 | .4612935 | 1.048138 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1921139 | .0077149 | .0635417 | 60.15088 | .0258931 | .0887540 |
| #2 | .1890208 | .0075712 | .0624161 | 58.96871 | .0256872 | .0876902 |
| #3 | .1871562 | .0078012 | .0617001 | 59.19837 | .0256873 | .0869216 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0379309 | 291.0271 | 1.330449 | 96.07131 | .0439131 | -.003472 |
| Stddev | .0024493 | 2.4272   | .012197  | .86571   | .0003540 | .000585  |
| %RSD   | 6.457231 | .8340214 | .9167523 | .9011071 | .8062144 | 16.84767 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0407559 | 288.6423 | 1.344515 | 97.04599 | .0443216 | -.004074 |
| #2 | .0366332 | 293.4947 | 1.322808 | 95.39176 | .0437241 | -.002906 |
| #3 | .0364034 | 290.9443 | 1.324023 | 95.77616 | .0436937 | -.003435 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.488436 | .1473096 | .5496880 | 17.52859 | .1140100 | -.002416 |
| Stddev | .103168  | .0020831 | .0031373 | .14018   | .0064634 | .000293  |
| %RSD   | 1.087303 | 1.414113 | .5707394 | .7997329 | 5.669152 | 12.12996 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.499312 | .1496923 | .5532904 | 17.55981 | .1069109 | -.002090 |
| #2 | 9.585735 | .1464038 | .5482188 | 17.65054 | .1195540 | -.002658 |
| #3 | 9.380260 | .1458328 | .5475550 | 17.37544 | .1155651 | -.002499 |

Sample Name: P4834-03      Acquired: 11/15/2024 12:51:12      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0109338 | 2.792706 | 9.119362 | F 26.65258 | .0575746 | .3687608 |
| Stddev | .0026466 | .030951  | .057436  | .23722     | .0013572 | .0059521 |
| %RSD   | 24.20517 | 1.108283 | .6298206 | .8900464   | 2.357245 | 1.614087 |
| #1     | .0119873 | 2.827555 | 9.133492 | 26.74964   | .0574934 | .3747346 |
| #2     | .0079228 | 2.782148 | 9.168414 | 26.82588   | .0589706 | .3687172 |
| #3     | .0128914 | 2.768416 | 9.056180 | 26.38222   | .0562599 | .3628306 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.255804 |
| Stddev | .002717  |
| %RSD   | 1.062164 |
| #1     | -.252911 |
| #2     | -.258302 |
| #3     | -.256199 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4056.920 | 98379.40 | 23961.01 | 2810.571 | 3949.637 |
| Stddev    | 19.534   | 406.74   | 238.85   | 20.125   | 30.019   |
| %RSD      | .4814894 | .4134446 | .9968311 | .7160496 | .7600427 |
| #1        | 4041.073 | 98337.48 | 23685.68 | 2816.712 | 3920.175 |
| #2        | 4050.943 | 97995.24 | 24084.74 | 2788.091 | 3948.553 |
| #3        | 4078.744 | 98805.48 | 24112.61 | 2826.911 | 3980.183 |



Sample Name: P4835-03      Acquired: 11/15/2024 12:55:36      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.002453 | .0013304 | .0378464 | -.017604 | .0025487 | 16.20112 | .2599318 |
| Stddev | .002710  | .0008119 | .0005215 | .001709  | .0015259 | .09273   | .0015888 |
| %RSD   | 110.4813 | 61.02450 | 1.377842 | 9.708612 | 59.87145 | .5723638 | .6112314 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003030 | .0014995 | .0384146 | -.019283 | .0013756 | 16.11943 | .2587382 |
| #2 | .000499  | .0020443 | .0377351 | -.015866 | .0042738 | 16.30191 | .2617351 |
| #3 | -.004828 | .0004473 | .0373896 | -.017662 | .0019967 | 16.18202 | .2593220 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018960 | .0048060 | 15.92466 | .0613592 | .0249256 | .1664934 | 86.29495 |
| Stddev | .0000735 | .0001907 | .14603   | .0003821 | .0002866 | .0013091 | .31804   |
| %RSD   | 3.874161 | 3.967264 | .9169855 | .6227072 | 1.149949 | .7862598 | .3685482 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019243 | .0049384 | 15.76248 | .0615190 | .0250089 | .1671652 | 86.66219 |
| #2 | .0018126 | .0048922 | 16.04571 | .0609232 | .0251614 | .1673301 | 86.10934 |
| #3 | .0019511 | .0045875 | 15.96579 | .0616355 | .0246066 | .1649848 | 86.11333 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8979542 | 8.358381 | .0407969 | .0058942 | 1.447858 | .0255466 | 1.332718 |
| Stddev | .0066442 | .079819  | .0002840 | .0002605 | .001853  | .0011523 | .014715  |
| %RSD   | .7399281 | .9549530 | .6961857 | 4.418953 | .1279494 | 4.510677 | 1.104150 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8906368 | 8.266614 | .0408300 | .0057376 | 1.449838 | .0245724 | 1.349383 |
| #2 | .9036097 | 8.396836 | .0410629 | .0061948 | 1.446167 | .0252487 | 1.327257 |
| #3 | .8996161 | 8.411692 | .0404978 | .0057500 | 1.447569 | .0268186 | 1.321514 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.774099 | .0438067 | .0075153 | .0263090 | 1.239078 | 7.118958 | 1.104716 |
| Stddev | .050196  | .0006575 | .0000403 | .0006598 | .008155  | .068250  | .011051  |
| %RSD   | 1.051426 | 1.500822 | .5361344 | 2.508049 | .6581587 | .9587054 | 1.000309 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.821013 | .0435669 | .0074770 | .0269709 | 1.231539 | 7.196001 | 1.098164 |
| #2 | 4.780120 | .0433028 | .0075115 | .0263047 | 1.247734 | 7.094802 | 1.117475 |
| #3 | 4.721164 | .0445504 | .0075573 | .0256512 | 1.237960 | 7.066071 | 1.098510 |

Sample Name: P4835-03      Acquired: 11/15/2024 12:55:36      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | 7.297394 | .0099371 | -.046844 |
| Stddev | .058837  | .0002397 | .000556  |
| %RSD   | .8062697 | 2.411653 | 1.187361 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 7.320386 | .0096802 | -.047430 |
| #2 | 7.341264 | .0101545 | -.046324 |
| #3 | 7.230533 | .0099767 | -.046780 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2832.061 | 65053.31 | 15481.44 | 1892.093 | 4575.514 |
| Stddev    | 31.150   | 861.52   | 96.50    | 33.268   | 47.099   |
| %RSD      | 1.099916 | 1.324335 | .6233473 | 1.758281 | 1.029380 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2805.184 | 64123.90 | 15463.94 | 1854.741 | 4538.159 |
| #2 | 2824.797 | 65210.82 | 15394.88 | 1902.999 | 4559.961 |
| #3 | 2866.201 | 65825.21 | 15585.49 | 1918.539 | 4628.423 |

Sample Name: P4836-03      Acquired: 11/15/2024 12:59:46      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0049326 | .0055410 | .0361524 | -.039797 | -.000935 | 61.37897 |
| Stddev | .0050092 | .0015513 | .0004699 | .000978  | .001583  | .53748   |
| %RSD   | 101.5534 | 27.99671 | 1.299893 | 2.456990 | 169.3630 | .8756669 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000120 | .0040112 | .0359624 | -.040334 | -.000979 | 61.48577 |
| #2 | .009897  | .0054989 | .0358072 | -.040390 | -.002495 | 60.79611 |
| #3 | .005020  | .0071130 | .0366876 | -.038669 | .000670  | 61.85503 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0637804 | .0044886 | .0118455 | 41.24943 | .0852329 | .0388932 |
| Stddev | .0004191 | .0000325 | .0005497 | .39764   | .0007499 | .0004580 |
| %RSD   | .6571575 | .7243871 | 4.640784 | .9639841 | .8797639 | 1.177706 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0641636 | .0044658 | .0123713 | 41.46267 | .0846316 | .0394222 |
| #2 | .0633328 | .0044741 | .0118907 | 40.79066 | .0849939 | .0386261 |
| #3 | .0638447 | .0045258 | .0112746 | 41.49497 | .0860731 | .0386315 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0744201 | 171.9180 | 1.419685 | 33.03147 | .0377487 | -.001226 |
| Stddev | .0024608 | 1.7608   | .011535  | .28264   | .0004990 | .000060  |
| %RSD   | 3.306576 | 1.024206 | .8125275 | .8556791 | 1.321966 | 4.881032 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0768580 | 171.6877 | 1.424485 | 33.20040 | .0379582 | -.001290 |
| #2 | .0744651 | 170.2836 | 1.406524 | 32.70517 | .0381088 | -.001214 |
| #3 | .0719371 | 173.7825 | 1.428045 | 33.18883 | .0371791 | -.001172 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5015337 | .1125908 | 1.011215 | 11.30372 | .0742428 | .0002600 |
| Stddev | .0171888 | .0018155 | .009796  | .12058   | .0016398 | .0002716 |
| %RSD   | 3.427247 | 1.612480 | .9687389 | 1.066706 | 2.208649 | 104.4562 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4956600 | .1132485 | 1.015142 | 11.26570 | .0730089 | .0003635 |
| #2 | .4880517 | .1105382 | 1.000064 | 11.20672 | .0736159 | .0004645 |
| #3 | .5208894 | .1139859 | 1.018438 | 11.43872 | .0761035 | -.000048 |

Sample Name: P4836-03      Acquired: 11/15/2024 12:59:46      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0144824 | 2.553652 | F 11.14428 | 2.211592 | 2.560250 | .0610524 |
| Stddev | .0002223 | .021821  | .10441     | .020973  | .024991  | .0007651 |
| %RSD   | 1.535230 | .8545186 | .9368527   | .9483440 | .9760990 | 1.253179 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0144399 | 2.561968 | 11.13839 | 2.233636 | 2.588946 | .0607420 |
| #2 | .0142844 | 2.528896 | 11.04294 | 2.209256 | 2.548534 | .0604914 |
| #3 | .0147230 | 2.570093 | 11.25150 | 2.191884 | 2.543269 | .0619240 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.149768 |
| Stddev | .001557  |
| %RSD   | 1.039755 |

|    |          |
|----|----------|
| #1 | -.149487 |
| #2 | -.148371 |
| #3 | -.151447 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2871.070 | 67042.74 | 16170.62 | 1951.210 | 4396.012 |
| Stddev    | 33.179   | 536.67   | 150.20   | 16.635   | 48.841   |
| %RSD      | 1.155628 | .8004871 | .9288410 | .8525621 | 1.111027 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2832.762 | 67033.04 | 16059.51 | 1941.697 | 4339.803 |
| #2 | 2889.774 | 67584.20 | 16341.50 | 1970.419 | 4420.134 |
| #3 | 2890.674 | 66510.99 | 16110.84 | 1941.516 | 4428.098 |

Sample Name: P4838-03      Acquired: 11/15/2024 13:03:55      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.004323 | -.003734 | .0255509 | -.002597 | -.000085 | 7.761240 | .0677920 |
| Stddev | .001548  | .000257  | .0008052 | .000569  | .000911  | .017623  | .0001281 |
| %RSD   | 35.81531 | 6.881432 | 3.151294 | 21.92859 | 1071.720 | .2270621 | .1889331 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004475 | -.003472 | .0264201 | -.002589 | -.000430 | 7.781540 | .0676441 |
| #2 | -.002705 | -.003744 | .0248304 | -.003170 | .000948  | 7.749864 | .0678668 |
| #3 | -.005790 | -.003986 | .0254023 | -.002031 | -.000773 | 7.752316 | .0678652 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006099 | .0006840 | 5.077942 | .0204005 | .0066595 | .0752292 | 14.07054 |
| Stddev | .0000471 | .0000379 | .019600  | .0002547 | .0000972 | .0008184 | .09692   |
| %RSD   | 7.719319 | 5.534765 | .3859797 | 1.248738 | 1.459942 | 1.087934 | .6888109 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005557 | .0007246 | 5.070516 | .0201271 | .0065730 | .0760246 | 13.98448 |
| #2 | .0006409 | .0006776 | 5.100169 | .0204432 | .0066409 | .0752736 | 14.17553 |
| #3 | .0006330 | .0006497 | 5.063140 | .0206312 | .0067647 | .0743895 | 14.05162 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1329307 | 2.746615 | .0432330 | .0001848 | .4749514 | .0139550 | .8783180 |
| Stddev | .0008572 | .018306  | .0003621 | .0002943 | .0153943 | .0003666 | .0011280 |
| %RSD   | .6448632 | .6664941 | .8374902 | 159.2802 | 3.241244 | 2.626767 | .1284234 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1328822 | 2.748751 | .0435609 | .0001862 | .4574226 | .0143393 | .8786272 |
| #2 | .1338111 | 2.763759 | .0432937 | .0004783 | .4862735 | .0136092 | .8792590 |
| #3 | .1320987 | 2.727335 | .0428444 | -.000110 | .4811581 | .0139164 | .8770676 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.956156 | .0069144 | .0016671 | .0068643 | .4199962 | 4.998814 | .7496995 |
| Stddev | .017649  | .0001706 | .0000508 | .0007249 | .0015278 | .025152  | .0042130 |
| %RSD   | .5970374 | 2.467184 | 3.048135 | 10.56032 | .3637735 | .5031630 | .5619612 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.937118 | .0067992 | .0016971 | .0077011 | .4197514 | 4.973540 | .7528085 |
| #2 | 2.971973 | .0068336 | .0016958 | .0064621 | .4216317 | 5.023843 | .7513854 |
| #3 | 2.959375 | .0071104 | .0016084 | .0064297 | .4186055 | 4.999059 | .7449046 |

Sample Name: P4838-03      Acquired: 11/15/2024 13:03:55      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .8368798 | .0020514 | .0082706 |
| Stddev | .0062057 | .0003327 | .0000403 |
| %RSD   | .7415266 | 16.22036 | .4871329 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8400878 | .0020051 | .0083141 |
| #2 | .8408248 | .0024049 | .0082632 |
| #3 | .8297267 | .0017442 | .0082346 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2840.990 | 67503.71 | 15330.41 | 1988.145 | 4848.635 |
| Stddev    | 12.425   | 283.89   | 111.47   | 16.066   | 26.622   |
| %RSD      | .4373570 | .4205560 | .7271455 | .8081114 | .5490573 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2833.519 | 67254.32 | 15227.96 | 1979.022 | 4831.644 |
| #2 | 2834.119 | 67444.15 | 15314.13 | 1978.717 | 4834.945 |
| #3 | 2855.334 | 67812.65 | 15449.12 | 2006.696 | 4879.316 |

Sample Name: P4837-01      Acquired: 11/15/2024 13:08:09      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.001590 | -.006055 | .0005834 | .0029626 | .0025176 | .0554291 |
| Stddev | .001075  | .002014  | .0008030 | .0008167 | .0003029 | .0042606 |
| %RSD   | 67.58428 | 33.25770 | 137.6491 | 27.56689 | 12.03115 | 7.686533 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001368 | -.008375 | .0011814 | .0020480 | .0026277 | .0589270 |
| #2 | -.000644 | -.005039 | .0008980 | .0036191 | .0027500 | .0566761 |
| #3 | -.002759 | -.004752 | -.000329 | .0032207 | .0021750 | .0506841 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0479870 | -.000110 | -.000041 | 74.40045 | .0053057 | -.000273 |
| Stddev | .0001197 | .000048  | .000043  | .36427   | .0003618 | .000178  |
| %RSD   | .2494873 | 43.22578 | 105.9728 | .4896112 | 6.819282 | 65.17433 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0480411 | -.000164 | .000006  | 74.57982 | .0056088 | -.000251 |
| #2 | .0478498 | -.000073 | -.000079 | 73.98127 | .0049051 | -.000107 |
| #3 | .0480702 | -.000094 | -.000050 | 74.64026 | .0054032 | -.000460 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0100802 | .1064425 | .0025436 | 17.14523 | .0067145 | -.000189 |
| Stddev | .0002048 | .0013188 | .0002259 | .08477   | .0003657 | .000134  |
| %RSD   | 2.031806 | 1.239021 | 8.882116 | .4944400 | 5.446835 | 71.24921 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0100856 | .1079601 | .0028039 | 17.18212 | .0063282 | -.000034 |
| #2 | .0098727 | .1057928 | .0023995 | 17.04826 | .0070554 | -.000251 |
| #3 | .0102822 | .1055745 | .0024273 | 17.20531 | .0067599 | -.000281 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 120.6777 | .0030820 | .0097804 | 26.91234 | .0461757 | .1813620 |
| Stddev | 1.0235   | .0005814 | .0002850 | .08887   | .0001725 | .0007725 |
| %RSD   | .8481256 | 18.86352 | 2.913456 | .3302271 | .3736844 | .4259626 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 120.9978 | .0024235 | .0098920 | 26.86213 | .0459871 | .1813027 |
| #2 | 119.5324 | .0032983 | .0094565 | 27.01495 | .0462141 | .1821624 |
| #3 | 121.5029 | .0035242 | .0099926 | 26.85993 | .0463258 | .1806208 |

Sample Name: P4837-01      Acquired: 11/15/2024 13:08:09      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.006526 | .0022805 | F 11.06228 | .0362839 | F 95.67094 | .0196951 |
| Stddev | .001087  | .0003252 | .03394     | .0026109 | .43730     | .0004694 |
| %RSD   | 16.65047 | 14.25853 | .3067991   | 7.195843 | .4570848   | 2.383201 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.007774 | .0020064 | 11.05820 | .0387420 | 95.76551 | .0192889 |
| #2 | -.006012 | .0026398 | 11.09808 | .0335431 | 96.05322 | .0195874 |
| #3 | -.005791 | .0021954 | 11.03057 | .0365666 | 95.19410 | .0202089 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3002775 |
| Stddev | .0015982 |
| %RSD   | .5322458 |

|    |          |
|----|----------|
| #1 | .3004210 |
| #2 | .2986124 |
| #3 | .3017991 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2481.403 | 59516.51 | 14729.70 | 1736.683 | 4181.324 |
| Stddev    | 3.759    | 177.53   | 97.97    | 10.898   | 9.247    |
| %RSD      | .1514898 | .2982870 | .6651398 | .6275447 | .2211571 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2481.508 | 59372.11 | 14668.05 | 1726.376 | 4177.910 |
| #2 | 2477.592 | 59462.70 | 14842.68 | 1735.584 | 4174.270 |
| #3 | 2485.108 | 59714.72 | 14678.38 | 1748.090 | 4191.793 |



Sample Name: P4837-03      Acquired: 11/15/2024 13:12:30      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0203205 | -.016428 | .0487545 | -.038587 | -.003226 | 52.45180 |
| Stddev | .0016398 | .000255  | .0017280 | .000997  | .001381  | .30954   |
| %RSD   | 8.069772 | 1.552035 | 3.544366 | 2.583500 | 42.80541 | .5901431 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0216466 | -.016403 | .0506213 | -.038911 | -.004556 | 52.75579 |
| #2 | .0184869 | -.016694 | .0472108 | -.039381 | -.003324 | 52.46262 |
| #3 | .0208279 | -.016186 | .0484313 | -.037468 | -.001799 | 52.13699 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2852772 | .0055966 | .0189231 | 66.82556 | .0164926 | .0337081 |
| Stddev | .0007416 | .0000835 | .0006709 | .41256   | .0001238 | .0006222 |
| %RSD   | .2599693 | 1.491693 | 3.545453 | .6173741 | .7506279 | 1.845690 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2860555 | .0056549 | .0196485 | 67.06960 | .0164460 | .0341713 |
| #2 | .2851975 | .0056340 | .0187960 | 67.05787 | .0163988 | .0339521 |
| #3 | .2845787 | .0055010 | .0183248 | 66.34923 | .0166329 | .0330010 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0863243 | 152.4157 | 1.015525 | 15.96296 | .0223347 | .0000019 |
| Stddev | .0023513 | .7006    | .003284  | .10688   | .0009207 | .0000550 |
| %RSD   | 2.723753 | .4596434 | .3233624 | .6695795 | 4.122326 | 2847.656 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0890338 | 152.2653 | 1.017675 | 15.99634 | .0230314 | -.000024 |
| #2 | .0851186 | 153.1793 | 1.017155 | 16.04917 | .0226818 | -.000035 |
| #3 | .0848204 | 151.8026 | 1.011745 | 15.84337 | .0212909 | .000065  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7283647 | .0620550 | .9054795 | 38.56446 | .0633503 | .0050434 |
| Stddev | .0135386 | .0003688 | .0085019 | .10565   | .0003059 | .0000705 |
| %RSD   | 1.858772 | .5943839 | .9389382 | .2739513 | .4829507 | 1.397643 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7148043 | .0620642 | .8996672 | 38.52856 | .0635545 | .0050303 |
| #2 | .7418815 | .0624191 | .9152373 | 38.68339 | .0634978 | .0049805 |
| #3 | .7284083 | .0616816 | .9015341 | 38.48145 | .0629985 | .0051196 |

Sample Name: P4837-03      Acquired: 11/15/2024 13:12:30      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0031710 | 8.044486 | F 10.38867 | 2.638201 | .7765095 | .1028546 |
| Stddev | .0012636 | .041454  | .04209     | .033323  | .0139451 | .0006126 |
| %RSD   | 39.84862 | .5153067 | .4051942   | 1.263086 | 1.795870 | .5955682 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0045194 | 8.078257 | 10.38019 | 2.673717 | .7911463 | .1034825 |
| #2 | .0020140 | 8.056979 | 10.43435 | 2.633266 | .7750041 | .1028226 |
| #3 | .0029796 | 7.998223 | 10.35146 | 2.607622 | .7633782 | .1022586 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.126298 |
| Stddev | .000632  |
| %RSD   | .5005932 |

|    |          |
|----|----------|
| #1 | -.126053 |
| #2 | -.127016 |
| #3 | -.125824 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3589.612 | 84173.56 | 20372.15 | 2418.916 | 4413.425 |
| Stddev    | 45.682   | 525.79   | 197.65   | 26.798   | 67.287   |
| %RSD      | 1.272629 | .6246460 | .9701749 | 1.107845 | 1.524593 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3545.333 | 83709.03 | 20173.05 | 2401.634 | 4347.274 |
| #2 | 3586.922 | 84067.29 | 20375.10 | 2405.327 | 4411.209 |
| #3 | 3636.579 | 84744.36 | 20568.30 | 2449.786 | 4481.793 |

Sample Name: P4853-01      Acquired: 11/15/2024 13:33:19      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0077312 | .0012249 | .0577522 | -.004700 | .0014831 | 3.385754 | .1244471 |
| Stddev | .0014187 | .0004129 | .0044531 | .000544  | .0006572 | .140309  | .0043774 |
| %RSD   | 18.35043 | 33.71141 | 7.710655 | 11.57139 | 44.31095 | 4.144090 | 3.517483 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0092450 | .0010418 | .0591881 | -.004570 | .0020593 | 3.543916 | .1293041 |
| #2 | .0064321 | .0016977 | .0613103 | -.004233 | .0016226 | 3.337089 | .1232308 |
| #3 | .0075165 | .0009352 | .0527584 | -.005297 | .0007674 | 3.276257 | .1208065 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004529 | .0009277 | 112.0586 | .0300757 | .0046442 | .0433235 | 17.81717 |
| Stddev | .0000582 | .0002420 | 3.8938   | .0014098 | .0003947 | .0056269 | .94543   |
| %RSD   | 12.84190 | 26.08889 | 3.474783 | 4.687392 | 8.499254 | 12.98807 | 5.306279 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004724 | .0008861 | 116.4791 | .0316562 | .0047767 | .0440505 | 18.82750 |
| #2 | .0003875 | .0011879 | 110.5601 | .0296233 | .0049556 | .0485515 | 17.67013 |
| #3 | .0004989 | .0007092 | 109.1368 | .0289478 | .0042003 | .0373684 | 16.95388 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5554444 | 12.78027 | .0267196 | .0002912 | 40.44361 | .0123830 | 1.185886 |
| Stddev | .0185810 | .43462   | .0026523 | .0001361 | 2.46679  | .0018008 | .068751  |
| %RSD   | 3.345242 | 3.400703 | 9.926308 | 46.74574 | 6.099342 | 14.54239 | 5.797394 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5765189 | 13.27641 | .0276118 | .0001409 | 43.05903 | .0142868 | 1.259900 |
| #2 | .5483930 | 12.59763 | .0288107 | .0004061 | 40.11302 | .0107068 | 1.173741 |
| #3 | .5414214 | 12.46678 | .0237363 | .0003267 | 38.15878 | .0121555 | 1.124018 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.64866 | .0772077 | .0020350 | -.004057 | .1532711 | 9.567852 | 3.054508 |
| Stddev | .81889   | .0032874 | .0002257 | .000275  | .0051066 | .560785  | .295444  |
| %RSD   | 5.999777 | 4.257831 | 11.09125 | 6.783281 | 3.331759 | 5.861134 | 9.672377 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.52310 | .0808512 | .0022362 | -.003881 | .1589778 | 10.17662 | 3.129799 |
| #2 | 13.52301 | .0763079 | .0020777 | -.004374 | .1517036 | 9.45461  | 3.305021 |
| #3 | 12.89985 | .0744638 | .0017909 | -.003914 | .1491320 | 9.07233  | 2.728704 |

Sample Name: P4853-01      Acquired: 11/15/2024 13:33:19      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | 2.067144 | -.005877 | .3288081 |
| Stddev | .199621  | .000269  | .0126309 |
| %RSD   | 9.656839 | 4.569489 | 3.841415 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.126735 | -.006153 | .3429884 |
| #2 | 2.230182 | -.005859 | .3246723 |
| #3 | 1.844514 | -.005617 | .3187636 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4121.449 | 82845.89 | 17878.64 | 2401.542 | 6669.039 |
| Stddev    | 378.500  | 4216.16  | 562.36   | 137.136  | 579.419  |
| %RSD      | 9.183670 | 5.089163 | 3.145455 | 5.710341 | 8.688198 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4005.805 | 78333.08 | 17238.50 | 2255.072 | 6489.677 |
| #2 | 3814.261 | 83520.54 | 18104.31 | 2422.661 | 6200.510 |
| #3 | 4544.281 | 86684.05 | 18293.12 | 2526.894 | 7316.931 |

Sample Name: P4853-02      Acquired: 11/15/2024 13:38:23      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0035054 | .0014627 | .0019646 | -.004871 | -.000451 | .0042107 | .0098856 |
| Stddev | .0001726 | .0001582 | .0001896 | .000134  | .000125  | .0023925 | .0000530 |
| %RSD   | 4.924646 | 10.81343 | 9.649076 | 2.753281 | 27.74475 | 56.81889 | .5357017 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0033061 | .0015399 | .0017507 | -.004885 | -.000532 | .0060232 | .0098638 |
| #2 | .0036092 | .0012807 | .0021117 | -.004998 | -.000307 | .0051099 | .0098470 |
| #3 | .0036009 | .0015674 | .0020315 | -.004730 | -.000515 | .0014989 | .0099460 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001576 | .0000832 | -.015202 | -.000162 | .0000039 | -.000278 | -.000337 |
| Stddev | .0000053 | .0000070 | .009135  | .000034  | .0000117 | .000002  | .001476  |
| %RSD   | 3.376970 | 8.445855 | 60.08902 | 20.94090 | 296.1275 | .8525931 | 438.1528 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001622 | .0000881 | -.005936 | -.000126 | .0000174 | -.000281 | .001050  |
| #2 | .0001518 | .0000752 | -.015471 | -.000194 | -.000003 | -.000278 | -.000172 |
| #3 | .0001589 | .0000864 | -.024199 | -.000167 | -.000003 | -.000276 | -.001889 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000015 | .0068695 | -.000081 | -.001085 | -.795519 | .0009543 | -.001881 |
| Stddev | .000050  | .0038258 | .000027  | .000093  | .000912  | .0002185 | .000072  |
| %RSD   | 337.5426 | 55.69306 | 33.24556 | 8.592565 | .1146850 | 22.89281 | 3.851557 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000030  | .0088992 | -.000050 | -.001022 | -.794956 | .0007142 | -.001820 |
| #2 | -.000069 | .0092527 | -.000100 | -.001041 | -.795030 | .0010074 | -.001961 |
| #3 | -.000006 | .0024565 | -.000093 | -.001192 | -.796572 | .0011413 | -.001863 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.250218 | -.001255 | -.000370 | -.005365 | .0006322 | -.014216 | -.018475 |
| Stddev | .005515  | .000145  | .000026  | .000171  | .0003370 | .004340  | .000547  |
| %RSD   | 2.204064 | 11.52104 | 7.043483 | 3.193047 | 53.31408 | 30.52654 | 2.959192 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.244409 | -.001281 | -.000341 | -.005174 | .0009771 | -.009230 | -.018011 |
| #2 | -.255383 | -.001385 | -.000391 | -.005415 | .0003036 | -.016274 | -.018337 |
| #3 | -.250861 | -.001100 | -.000378 | -.005505 | .0006158 | -.017144 | -.019078 |

Sample Name: P4853-02      Acquired: 11/15/2024 13:38:23      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.008057 | -.002956 | -.000101 |
| Stddev | .000660  | .000339  | .000019  |
| %RSD   | 8.193528 | 11.47157 | 19.04748 |
| #1     | -.007322 | -.002586 | -.000083 |
| #2     | -.008601 | -.003030 | -.000099 |
| #3     | -.008247 | -.003251 | -.000121 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 17628.46 | 336259.6 | 45228.25 | 12662.73 | 28669.93 |
| Stddev    | 118.42   | 6149.7   | 1562.32  | 46.46    | 186.30   |
| %RSD      | .6717424 | 1.828852 | 3.454308 | .3668892 | .6497968 |
| #1        | 17606.90 | 342525.7 | 45678.67 | 12715.85 | 28655.98 |
| #2        | 17522.31 | 336019.9 | 43490.19 | 12629.67 | 28491.00 |
| #3        | 17756.18 | 330233.3 | 46515.87 | 12642.68 | 28862.81 |

Sample Name: CCV02      Acquired: 11/15/2024 13:42:52      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.927461 | 4.753745 | 4.911106 | 5.011258 | 4.969821 | 9.935276 | 9.743141 |
| Stddev | .022829  | .066013  | .014182  | .016546  | .017442  | .004982  | .065934  |
| %RSD   | .4633092 | 1.388663 | .2887662 | .3301697 | .3509620 | .0501435 | .6767266 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.901208 | 4.797309 | 4.895884 | 5.000242 | 4.950444 | 9.940846 | 9.797268 |
| #2 | 4.942651 | 4.786133 | 4.923946 | 5.030284 | 4.984268 | 9.931246 | 9.762445 |
| #3 | 4.938524 | 4.677793 | 4.913488 | 5.003247 | 4.974750 | 9.933736 | 9.669709 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2492517 | 2.437196 | 24.41287 | 1.005922 | 2.438309 | 1.251427 | 4.828685 |
| Stddev | .0021793 | .005231  | .03165   | .007035  | .005400  | .004620  | .043341  |
| %RSD   | .8743211 | .2146499 | .1296590 | .6993802 | .2214754 | .3691534 | .8975828 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2513279 | 2.433015 | 24.42720 | 1.004758 | 2.433117 | 1.246093 | 4.782371 |
| #2 | .2494450 | 2.443063 | 24.37659 | 1.013467 | 2.443896 | 1.254117 | 4.868266 |
| #3 | .2469823 | 2.435511 | 24.43482 | .999542  | 2.437913 | 1.254071 | 4.835420 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.393080 | 24.48513 | 2.442443 | 1.246907 | 24.29774 | 2.478811 | 2.553812 |
| Stddev | .003197  | .05924   | .004198  | .006850  | .13451   | .003365  | .018531  |
| %RSD   | .1335814 | .2419352 | .1718754 | .5493461 | .5535944 | .1357640 | .7256212 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.396769 | 24.49564 | 2.438564 | 1.245695 | 24.28105 | 2.481892 | 2.558276 |
| #2 | 2.391119 | 24.42134 | 2.446900 | 1.254282 | 24.43982 | 2.479321 | 2.569703 |
| #3 | 2.391353 | 24.53841 | 2.441865 | 1.240744 | 24.17236 | 2.475219 | 2.533457 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.45535 | 4.939365 | 5.074882 | 4.917533 | 4.826337 | 4.839328 | 5.002817 |
| Stddev | .16470   | .039803  | .012169  | .003058  | .007643  | .071644  | .033246  |
| %RSD   | .6734545 | .8058346 | .2397963 | .0621844 | .1583520 | 1.480454 | .6645381 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.29961 | 4.976597 | 5.061395 | 4.915694 | 4.835043 | 4.760206 | 5.021076 |
| #2 | 24.62774 | 4.944087 | 5.085042 | 4.921063 | 4.823233 | 4.899809 | 5.022932 |
| #3 | 24.43871 | 4.897412 | 5.078209 | 4.915842 | 4.820734 | 4.857968 | 4.964443 |

Sample Name: CCV02      Acquired: 11/15/2024 13:42:52      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.806705 | 4.850639 | 4.879622 |
| Stddev | .021351  | .018735  | .024640  |
| %RSD   | .4442004 | .3862443 | .5049538 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.810410 | 4.865371 | 4.861671 |
| #2 | 4.825961 | 4.856993 | 4.907715 |
| #3 | 4.783743 | 4.829553 | 4.869481 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2571.094 | 60748.47 | 14392.81 | 1811.832 | 4201.576 |
| Stddev    | 11.426   | 317.44   | 106.81   | 11.713   | 14.879   |
| %RSD      | .4443858 | .5225442 | .7421388 | .6464703 | .3541353 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2584.238 | 60921.18 | 14280.37 | 1816.095 | 4218.525 |
| #2 | 2565.505 | 60382.13 | 14405.13 | 1798.584 | 4190.664 |
| #3 | 2563.538 | 60942.12 | 14492.93 | 1820.816 | 4195.540 |



Sample Name: CCB02      Acquired: 11/15/2024 13:47:41      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000852 | -.001122 | .0000806 | -.000283 | -.000727 | -.000291 | -.001914 |
| Stddev | .0013553 | .001935  | .0000532 | .001913  | .000318  | .001117  | .000193  |
| %RSD   | 1590.027 | 172.4104 | 65.97542 | 675.7386 | 43.70472 | 383.9172 | 10.08901 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000365 | -.003345 | .0000250 | -.001511 | -.000883 | -.000023 | -.001999 |
| #2 | -.000988 | .000185  | .0000859 | -.001259 | -.000362 | -.001518 | -.001693 |
| #3 | .001608  | -.000207 | .0001310 | .001921  | -.000938 | .000668  | -.002050 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000695 | .0000647 | .0171409 | -.000212 | .0000544 | -.000492 | -.002951 |
| Stddev | .0000297 | .0000564 | .0015391 | .000177  | .0001751 | .000124  | .001185  |
| %RSD   | 42.71602 | 87.14664 | 8.979386 | 83.29740 | 321.7815 | 25.27037 | 40.15549 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000995 | .0000025 | .0172833 | -.000106 | -.000125 | -.000369 | -.003740 |
| #2 | .0000690 | .0000792 | .0155355 | -.000114 | .000063  | -.000618 | -.003525 |
| #3 | .0000401 | .0001124 | .0186039 | -.000416 | .000225  | -.000490 | -.001589 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000146 | -.007161 | .0000817 | -.000158 | -.352463 | .0005247 | .0008327 |
| Stddev | .000168  | .005742  | .0001666 | .000179  | .031880  | .0007941 | .0000846 |
| %RSD   | 114.5531 | 80.18640 | 203.9515 | 113.2513 | 9.045003 | 151.3504 | 10.15598 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000133 | -.003335 | .0000915 | -.000197 | -.388962 | .0011351 | .0007363 |
| #2 | -.000321 | -.013763 | .0002431 | .000037  | -.338364 | -.000373 | .0008942 |
| #3 | .000014  | -.004384 | -.000090 | -.000313 | -.330064 | .000812  | .0008677 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.131790 | .0045053 | .0001322 | .0022814 | .0004675 | .0061199 | .0014665 |
| Stddev | .031546  | .0006083 | .0001627 | .0002623 | .0001463 | .0052455 | .0027740 |
| %RSD   | 23.93689 | 13.50250 | 123.0046 | 11.49850 | 31.29242 | 85.71098 | 189.1591 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.167716 | .0050894 | .0002370 | .0020504 | .0005625 | .0119800 | .0025627 |
| #2 | -.119036 | .0038753 | -.000055 | .0025665 | .0005410 | .0018633 | -.001688 |
| #3 | -.108617 | .0045511 | .000215  | .0022272 | .0002991 | .0045165 | .003525  |

Sample Name: CCB02      Acquired: 11/15/2024 13:47:41      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001641 | -.001409 | -.000006 |
| Stddev | .003318  | .000442  | .000002  |
| %RSD   | 202.2466 | 31.34695 | 40.40856 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.003764 | -.001734 | -.000009 |
| #2 | .002183  | -.001587 | -.000004 |
| #3 | -.003341 | -.000906 | -.000005 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2692.764 | 64377.15 | 14862.31 | 1895.357 | 4778.478 |
| Stddev    | 19.016   | 559.56   | 103.17   | 29.943   | 29.160   |
| %RSD      | .7062012 | .8691876 | .6941471 | 1.579796 | .6102341 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2708.395 | 64980.48 | 14748.33 | 1928.182 | 4801.183 |
| #2 | 2698.302 | 63875.22 | 14949.29 | 1869.538 | 4788.658 |
| #3 | 2671.593 | 64275.76 | 14889.32 | 1888.352 | 4745.593 |

Sample Name: P4856-01      Acquired: 11/15/2024 13:52:01      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0030498 | .0004169 | .0366922 | -.002776 | .0009597 | 1.902489 | .0748570 |
| Stddev | .0012099 | .0009201 | .0011921 | .000368  | .0017382 | .093296  | .0033774 |
| %RSD   | 39.67251 | 220.6856 | 3.248888 | 13.26302 | 181.1283 | 4.903885 | 4.511746 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019800 | .0012813 | .0375743 | -.002470 | -.000762 | 1.817469 | .0717537 |
| #2 | .0043629 | -.000550 | .0371664 | -.003185 | .002714  | 1.887703 | .0743632 |
| #3 | .0028066 | .000520  | .0353360 | -.002673 | .000927  | 2.002295 | .0784540 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004396 | .0006955 | 52.68717 | .0120408 | .0026747 | .0299016 | 9.875923 |
| Stddev | .0000473 | .0001489 | 1.93150  | .0003334 | .0001515 | .0015167 | .181460  |
| %RSD   | 10.77130 | 21.40403 | 3.665983 | 2.769024 | 5.665388 | 5.072397 | 1.837402 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004800 | .0007941 | 51.12455 | .0123716 | .0028460 | .0311600 | 10.08536 |
| #2 | .0003875 | .0007681 | 52.09029 | .0120461 | .0026198 | .0303273 | 9.76579  |
| #3 | .0004514 | .0005243 | 54.84665 | .0117048 | .0025582 | .0282175 | 9.77661  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3363480 | 6.842191 | .0136769 | .0001628 | 21.61923 | .0067676 | .3352503 |
| Stddev | .0127876 | .260606  | .0005397 | .0000491 | .10711   | .0008070 | .0084800 |
| %RSD   | 3.801892 | 3.808807 | 3.945947 | 30.19418 | .4954555 | 11.92395 | 2.529438 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3265954 | 6.644574 | .0141537 | .0001198 | 21.65742 | .0068259 | .3448138 |
| #2 | .3316229 | 6.744464 | .0137860 | .0002163 | 21.49825 | .0059330 | .3322890 |
| #3 | .3508257 | 7.137535 | .0130910 | .0001521 | 21.70201 | .0075438 | .3286481 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.657749 | .0490429 | .0015057 | -.004334 | .1000219 | 7.900570 | 1.728422 |
| Stddev | .027731  | .0007959 | .0001334 | .000594  | .0024725 | .058778  | .085908  |
| %RSD   | .3621361 | 1.622909 | 8.858397 | 13.71236 | 2.471921 | .7439701 | 4.970312 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.656513 | .0484179 | .0013962 | -.004595 | .0984612 | 7.964773 | 1.818887 |
| #2 | 7.630656 | .0487718 | .0016542 | -.003654 | .0987320 | 7.849407 | 1.718435 |
| #3 | 7.686077 | .0499389 | .0014666 | -.004753 | .1028726 | 7.887532 | 1.647944 |

Sample Name: P4856-01      Acquired: 11/15/2024 13:52:01      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | 3.459688 | -.002681 | .1610910 |
| Stddev | .153760  | .000512  | .0084712 |
| %RSD   | 4.444320 | 19.10676 | 5.258626 |
| #1     | 3.619580 | -.003257 | .1532512 |
| #2     | 3.446584 | -.002509 | .1599449 |
| #3     | 3.312900 | -.002277 | .1700769 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3128.385 | 67149.70 | 16817.13 | 1953.998 | 5310.041 |
| Stddev    | 108.787  | 1161.86  | 542.21   | 36.914   | 187.589  |
| %RSD      | 3.477413 | 1.730247 | 3.224164 | 1.889158 | 3.532719 |
| #1        | 3012.549 | 65842.58 | 17296.95 | 1914.770 | 5113.051 |
| #2        | 3144.217 | 67541.52 | 16925.53 | 1959.171 | 5330.525 |
| #3        | 3228.388 | 68064.99 | 16228.90 | 1988.052 | 5486.548 |

Sample Name: P4856-01DUP      Acquired: 11/15/2024 13:56:14      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0033257 | .0018186 | .0017385 | -.004676 | -.000386 | .0054201 | .0100676 |
| Stddev | .0003653 | .0002909 | .0000807 | .000249  | .000081  | .0010563 | .0001930 |
| %RSD   | 10.98248 | 15.99256 | 4.640032 | 5.327557 | 20.91335 | 19.48935 | 1.917461 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0029041 | .0015643 | .0017721 | -.004518 | -.000458 | .0064556 | .0102751 |
| #2 | .0035447 | .0017558 | .0017969 | -.004963 | -.000401 | .0054607 | .0100345 |
| #3 | .0035284 | .0021358 | .0016464 | -.004547 | -.000299 | .0043440 | .0098933 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001485 | .0000790 | -.023354 | -.000167 | -.000049 | -.000174 | -.002405 |
| Stddev | .0000075 | .0000040 | .007950  | .000065  | .000027  | .000009  | .002024  |
| %RSD   | 5.027772 | 5.068157 | 34.03942 | 38.92863 | 55.71137 | 4.988005 | 84.17377 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001473 | .0000785 | -.014351 | -.000190 | -.000039 | -.000178 | -.000297 |
| #2 | .0001417 | .0000752 | -.029407 | -.000218 | -.000028 | -.000164 | -.002584 |
| #3 | .0001565 | .0000832 | -.026304 | -.000094 | -.000080 | -.000179 | -.004333 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000019 | .0048212 | -.000127 | -.001261 | -.793814 | .0010419 | -.001895 |
| Stddev | .000066  | .0030936 | .000044  | .000084  | .002496  | .0001622 | .000043  |
| %RSD   | 345.3499 | 64.16718 | 35.11417 | 6.637485 | .3143699 | 15.56876 | 2.279959 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000056  | .0018548 | -.000097 | -.001330 | -.791149 | .0010949 | -.001899 |
| #2 | -.000067 | .0080281 | -.000178 | -.001285 | -.794198 | .0008598 | -.001936 |
| #3 | -.000046 | .0045808 | -.000105 | -.001168 | -.796096 | .0011709 | -.001850 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.256190 | .0000921 | -.000279 | -.005228 | .0007520 | -.014458 | -.019003 |
| Stddev | .003757  | .0000203 | .000057  | .000079  | .0004985 | .005828  | .000832  |
| %RSD   | 1.466680 | 22.03508 | 20.42097 | 1.519306 | 66.28433 | 40.30958 | 4.376417 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.252298 | .0000881 | -.000316 | -.005304 | .0013220 | -.008051 | -.018566 |
| #2 | -.259796 | .0000741 | -.000213 | -.005235 | .0005365 | -.015881 | -.018481 |
| #3 | -.256477 | .0001141 | -.000306 | -.005145 | .0003976 | -.019444 | -.019962 |

Sample Name: P4856-01DUP      Acquired: 11/15/2024 13:56:14      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.008618 | -.002416 | -.000042 |
| Stddev | .000281  | .000262  | .000036  |
| %RSD   | 3.258195 | 10.84876 | 86.24968 |
| #1     | -.008555 | -.002165 | -.000001 |
| #2     | -.008925 | -.002687 | -.000054 |
| #3     | -.008374 | -.002394 | -.000070 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 17641.55 | 331473.5 | 44903.74 | 12762.40 | 28565.16 |
| Stddev    | 226.68   | 9684.0   | 1320.11  | 112.22   | 354.63   |
| %RSD      | 1.284929 | 2.921488 | 2.939859 | .8792978 | 1.241464 |
| #1        | 17895.62 | 320488.3 | 43734.59 | 12687.78 | 28965.63 |
| #2        | 17569.06 | 335157.2 | 44641.27 | 12891.45 | 28438.94 |
| #3        | 17459.99 | 338775.2 | 46335.37 | 12707.96 | 28290.92 |

Sample Name: P4856-01LX5      Acquired: 11/15/2024 14:00:44      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0036390 | .0017054 | .0018471 | -.004484 | -.000478 | .0024924 | .0096758 |
| Stddev | .0002372 | .0002081 | .0002352 | .000125  | .000219  | .0010186 | .0000571 |
| %RSD   | 6.517643 | 12.20239 | 12.73073 | 2.784126 | 45.79494 | 40.86812 | .5901723 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0035664 | .0015672 | .0019515 | -.004514 | -.000226 | .0032610 | .0096200 |
| #2 | .0034466 | .0019447 | .0015778 | -.004347 | -.000620 | .0028792 | .0097341 |
| #3 | .0039040 | .0016041 | .0020120 | -.004591 | -.000589 | .0013371 | .0096735 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001499 | .0000790 | -.034796 | -.000180 | -.000013 | -.000245 | -.004489 |
| Stddev | .0000105 | .0000061 | .001843  | .000030  | .000020  | .000017  | .000752  |
| %RSD   | 7.003585 | 7.763998 | 5.295174 | 16.53580 | 153.6821 | 7.144835 | 16.74649 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001378 | .0000832 | -.032681 | -.000181 | .000010  | -.000249 | -.003702 |
| #2 | .0001550 | .0000720 | -.035653 | -.000149 | -.000024 | -.000226 | -.005200 |
| #3 | .0001568 | .0000820 | -.036054 | -.000209 | -.000025 | -.000260 | -.004566 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000208 | .0020686 | -.000095 | -.001297 | -.798771 | .0006609 | -.001936 |
| Stddev | .000079  | .0023862 | .000047  | .000032  | .000399  | .0005021 | .000081  |
| %RSD   | 38.16103 | 115.3501 | 49.95342 | 2.497848 | .0499340 | 75.97106 | 4.190023 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000279 | .0047218 | -.000071 | -.001275 | -.799226 | .0009986 | -.001890 |
| #2 | -.000222 | .0000984 | -.000149 | -.001335 | -.798607 | .0000839 | -.001889 |
| #3 | -.000122 | .0013856 | -.000063 | -.001283 | -.798481 | .0009000 | -.002030 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.258613 | -.000456 | -.000314 | -.005258 | .0002501 | -.019122 | -.019864 |
| Stddev | .004719  | .000128  | .000036  | .000075  | .0001156 | .000555  | .000367  |
| %RSD   | 1.824808 | 28.11327 | 11.33899 | 1.425006 | 46.21223 | 2.903731 | 1.849134 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.261991 | -.000548 | -.000313 | -.005222 | .0003832 | -.018756 | -.019984 |
| #2 | -.253221 | -.000511 | -.000279 | -.005345 | .0001922 | -.018848 | -.019452 |
| #3 | -.260626 | -.000310 | -.000351 | -.005209 | .0001749 | -.019761 | -.020156 |

Sample Name: P4856-01LX5      Acquired: 11/15/2024 14:00:44      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.008661 | -.002436 | -.000107 |
| Stddev | .000553  | .000101  | .000002  |
| %RSD   | 6.388482 | 4.144746 | 1.824702 |
| #1     | -.008029 | -.002401 | -.000109 |
| #2     | -.008896 | -.002550 | -.000107 |
| #3     | -.009059 | -.002357 | -.000105 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 17798.58 | 325366.7 | 45789.21 | 12746.01 | 28780.90 |
| Stddev    | 35.76    | 3225.8   | 528.23   | 46.16    | 48.47    |
| %RSD      | .2009030 | .9914422 | 1.153619 | .3621366 | .1684228 |
| #1        | 17822.67 | 326416.6 | 45635.79 | 12798.24 | 28808.65 |
| #2        | 17757.49 | 327936.7 | 45354.67 | 12710.69 | 28724.93 |
| #3        | 17815.58 | 321746.7 | 46377.17 | 12729.11 | 28809.12 |



Sample Name: P4856-01MS      Acquired: 11/15/2024 14:05:13      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .6900459 | 1.582467 | .8383852 | 1.189267 | .6515018 | 4.050789 | .2871580 |
| Stddev | .0367690 | .070715  | .0400873 | .063640  | .0347835 | .043304  | .0037701 |
| %RSD   | 5.328483 | 4.468643 | 4.781492 | 5.351236 | 5.338969 | 1.069038 | 1.312913 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7305030 | 1.661287 | .8821637 | 1.260752 | .6900535 | 4.089065 | .2901468 |
| #2 | .6809700 | 1.561529 | .8295178 | 1.168269 | .6419840 | 4.059517 | .2884048 |
| #3 | .6586648 | 1.524587 | .8034739 | 1.138778 | .6224680 | 4.003785 | .2829224 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2081037 | .1616037 | 57.48517 | .3935893 | .1670732 | .2828254 | 11.68040 |
| Stddev | .0026664 | .0078038 | .48126   | .0032745 | .0082753 | .0157457 | .04290   |
| %RSD   | 1.281291 | 4.828988 | .8371904 | .8319545 | 4.953095 | 5.567283 | .3672517 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2109407 | .1701012 | 57.92599 | .3971282 | .1762317 | .3003765 | 11.67560 |
| #2 | .2077211 | .1599520 | 57.55780 | .3929728 | .1648544 | .2781602 | 11.72549 |
| #3 | .2056492 | .1547580 | 56.97172 | .3906669 | .1601335 | .2699395 | 11.64010 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4960905 | 9.293755 | .4323950 | .0694004 | 23.75626 | .3185527 | .4922841 |
| Stddev | .0053143 | .046842  | .0210082 | .0005374 | .31015   | .0025313 | .0048864 |
| %RSD   | 1.071238 | .5040176 | 4.858562 | .7742783 | 1.305536 | .7946233 | .9925908 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5006833 | 9.346605 | .4551475 | .0696358 | 23.91917 | .3214340 | .4942988 |
| #2 | .4973185 | 9.277300 | .4283049 | .0697799 | 23.95102 | .3175371 | .4958410 |
| #3 | .4902697 | 9.257362 | .4137327 | .0687855 | 23.39861 | .3166869 | .4867125 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.36734 | .3330792 | .3512770 | .5505863 | .2860116 | 7.562370 | 6.610073 |
| Stddev | .16091   | .0043751 | .0182957 | .0276431 | .0046191 | .033415  | .344943  |
| %RSD   | .9831134 | 1.313530 | 5.208326 | 5.020676 | 1.614988 | .4418579 | 5.218447 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 16.44469 | .3380757 | .3716011 | .5811554 | .2913447 | 7.580737 | 6.992803 |
| #2 | 16.47498 | .3312269 | .3461077 | .5432574 | .2834098 | 7.582573 | 6.514229 |
| #3 | 16.18237 | .3299349 | .3361221 | .5273462 | .2832804 | 7.523801 | 6.323188 |

Sample Name: P4856-01MS      Acquired: 11/15/2024 14:05:13      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | 3.446444 | .2148957 | .3906601 |
| Stddev | .171677  | .0035302 | .0051110 |
| %RSD   | 4.981275 | 1.642763 | 1.308294 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 3.634627 | .2175149 | .3950624 |
| #2 | 3.406328 | .2162911 | .3918629 |
| #3 | 3.298378 | .2108810 | .3850550 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3210.931 | 71132.60 | 15054.23 | 2079.987 | 5359.061 |
| Stddev    | 151.303  | 472.59   | 182.60   | 19.523   | 241.915  |
| %RSD      | 4.712126 | .6643836 | 1.212945 | .9385883 | 4.514121 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3042.216 | 70842.57 | 14871.01 | 2082.812 | 5092.249 |
| #2 | 3255.995 | 70877.30 | 15055.46 | 2059.205 | 5420.836 |
| #3 | 3334.583 | 71677.93 | 15236.21 | 2097.942 | 5564.099 |

Sample Name: P4856-01MSD      Acquired: 11/15/2024 14:09:10      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .7220357 | 1.636082 | .8675728 | 1.253240 | .6843804 | 3.471060 | .2440345 |
| Stddev | .0111136 | .045327  | .0112553 | .013999  | .0088673 | .062444  | .0040884 |
| %RSD   | 1.539200 | 2.770483 | 1.297335 | 1.116986 | 1.295665 | 1.798994 | 1.675319 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7300137 | 1.670525 | .8736098 | 1.259134 | .6865974 | 3.540653 | .2482746 |
| #2 | .7267515 | 1.652990 | .8745216 | 1.263328 | .6919287 | 3.452600 | .2437116 |
| #3 | .7093418 | 1.584731 | .8545869 | 1.237258 | .6746149 | 3.419927 | .2401171 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1835743 | .1668625 | 49.89141 | .3570860 | .1725270 | .2973849 | 10.39322 |
| Stddev | .0043216 | .0022796 | .84275   | .0118504 | .0021810 | .0038694 | .25669   |
| %RSD   | 2.354114 | 1.366168 | 1.689172 | 3.318627 | 1.264127 | 1.301135 | 2.469745 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1870176 | .1676664 | 50.62487 | .3700405 | .1734956 | .2985273 | 10.68423 |
| #2 | .1849805 | .1686313 | 50.07854 | .3544252 | .1740558 | .3005545 | 10.29642 |
| #3 | .1787248 | .1642898 | 48.97082 | .3467922 | .1700295 | .2930730 | 10.19901 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4253433 | 8.084005 | .4466563 | .0625139 | 20.57610 | .2763246 | .4373429 |
| Stddev | .0064681 | .134193  | .0064655 | .0020576 | .53216   | .0051132 | .0168028 |
| %RSD   | 1.520690 | 1.659980 | 1.447533 | 3.291377 | 2.586297 | 1.850452 | 3.842022 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4305665 | 8.175696 | .4490322 | .0648828 | 21.18953 | .2813011 | .4558759 |
| #2 | .4273552 | 8.146337 | .4515977 | .0614873 | 20.23817 | .2765879 | .4330492 |
| #3 | .4181083 | 7.929982 | .4393390 | .0611717 | 20.30062 | .2710848 | .4231035 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.39772 | .2909844 | .3677916 | .5673237 | .2447380 | 6.732289 | 6.661909 |
| Stddev | .37851   | .0073991 | .0048623 | .0078311 | .0040638 | .175989  | .147788  |
| %RSD   | 2.628989 | 2.542782 | 1.322039 | 1.380359 | 1.660453 | 2.614100 | 2.218401 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.83375 | .2986267 | .3697368 | .5715377 | .2490586 | 6.935379 | 6.762185 |
| #2 | 14.15368 | .2904715 | .3713801 | .5721454 | .2441631 | 6.636897 | 6.731353 |
| #3 | 14.20572 | .2838552 | .3622577 | .5582879 | .2409924 | 6.624590 | 6.492190 |

Sample Name: P4856-01MSD      Acquired: 11/15/2024 14:09:10      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | 3.552572 | .1809283 | .3330335 |
| Stddev | .062836  | .0027991 | .0058357 |
| %RSD   | 1.768743 | 1.547083 | 1.752296 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 3.582551 | .1840018 | .3390968 |
| #2 | 3.594804 | .1802576 | .3325479 |
| #3 | 3.480361 | .1785255 | .3274556 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3035.479 | 77090.71 | 16862.92 | 2279.042 | 5116.368 |
| Stddev    | 28.290   | 2297.94  | 340.88   | 74.977   | 53.938   |
| %RSD      | .9319923 | 2.980832 | 2.021486 | 3.289835 | 1.054215 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3030.933 | 74447.33 | 16513.44 | 2192.537 | 5106.414 |
| #2 | 3009.737 | 78212.49 | 16880.82 | 2325.329 | 5068.101 |
| #3 | 3065.767 | 78612.32 | 17194.50 | 2319.258 | 5174.590 |

Sample Name: P4856-01A      Acquired: 11/15/2024 14:13:08      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .7310886 | 1.652449 | .8753464 | 1.274004 | .6918472 | 3.950160 | .2765370 |
| Stddev | .0296775 | .067800  | .0317147 | .051246  | .0295510 | .115226  | .0073973 |
| %RSD   | 4.059351 | 4.102972 | 3.623101 | 4.022410 | 4.271326 | 2.916998 | 2.674976 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7585971 | 1.717904 | .9042543 | 1.318232 | .7164287 | 4.081562 | .2846860 |
| #2 | .7350321 | 1.656917 | .8803622 | 1.285933 | .7000522 | 3.902547 | .2746797 |
| #3 | .6996366 | 1.582526 | .8414227 | 1.217845 | .6590607 | 3.866371 | .2702454 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2009549 | .1678142 | 55.38668 | .4197019 | .1739250 | .2986078 | 12.42102 |
| Stddev | .0053004 | .0062710 | 1.20301  | .0038156 | .0062266 | .0130186 | .16069   |
| %RSD   | 2.637629 | 3.736873 | 2.172020 | .9091309 | 3.580021 | 4.359758 | 1.293700 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2068123 | .1734565 | 56.74907 | .4152980 | .1796965 | .3100181 | 12.23712 |
| #2 | .1995633 | .1689234 | 54.94032 | .4217896 | .1747524 | .3013782 | 12.49164 |
| #3 | .1964891 | .1610626 | 54.47064 | .4220182 | .1673261 | .2844270 | 12.53431 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4747759 | 8.987901 | .4511529 | .0745600 | 25.42640 | .3080496 | .5325303 |
| Stddev | .0105635 | .220099  | .0176876 | .0006600 | .15335   | .0068425 | .0040454 |
| %RSD   | 2.224935 | 2.448834 | 3.920542 | .8851687 | .6031235 | 2.221230 | .7596496 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4866933 | 9.237416 | .4671339 | .0738073 | 25.24955 | .3159259 | .5278791 |
| #2 | .4710683 | 8.904975 | .4541765 | .0748331 | 25.50711 | .3046528 | .5344819 |
| #3 | .4665661 | 8.821310 | .4321484 | .0750397 | 25.52254 | .3035702 | .5352298 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.73511 | .3242912 | .3688744 | .5738566 | .2791835 | 8.164928 | 6.660667 |
| Stddev | .12782   | .0080567 | .0150055 | .0203767 | .0045090 | .080525  | .256663  |
| %RSD   | .7207206 | 2.484390 | 4.067913 | 3.550838 | 1.615068 | .9862255 | 3.853407 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.59497 | .3329062 | .3822527 | .5926911 | .2828598 | 8.084090 | 6.893138 |
| #2 | 17.76505 | .3230244 | .3717210 | .5766524 | .2805383 | 8.165558 | 6.703628 |
| #3 | 17.84530 | .3169430 | .3526495 | .5522264 | .2741524 | 8.245136 | 6.385235 |

Sample Name: P4856-01A      Acquired: 11/15/2024 14:13:08      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | 3.605917 | .2100220 | .3772386 |
| Stddev | .141567  | .0054502 | .0109053 |
| %RSD   | 3.925953 | 2.595039 | 2.890835 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 3.730973 | .2161787 | .3894570 |
| #2 | 3.634558 | .2080731 | .3737675 |
| #3 | 3.452219 | .2058143 | .3684912 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2999.093 | 65250.35 | 15401.58 | 1872.709 | 5051.599 |
| Stddev    | 111.619  | 349.90   | 430.55   | 11.060   | 180.346  |
| %RSD      | 3.721764 | .5362383 | 2.795467 | .5906024 | 3.570068 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2904.193 | 65621.11 | 14917.10 | 1879.628 | 4896.269 |
| #2 | 2971.015 | 65204.00 | 15547.24 | 1878.546 | 5009.143 |
| #3 | 3122.070 | 64925.94 | 15740.41 | 1859.953 | 5249.384 |

Sample Name: P4856-02      Acquired: 11/15/2024 14:17:07      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0036737 | -.000645 | .0342625 | -.001164 | .0003268 | 1.656350 | .0788532 |
| Stddev | .0014329 | .002026  | .0008555 | .002775  | .0005882 | .055301  | .0015742 |
| %RSD   | 39.00516 | 314.2189 | 2.496992 | 238.3783 | 179.9802 | 3.338739 | 1.996342 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0024346 | -.000390 | .0349117 | .000654  | -.000136 | 1.718431 | .0803531 |
| #2 | .0052428 | -.002786 | .0345826 | .000212  | .000128  | 1.638260 | .0789926 |
| #3 | .0033436 | .001242  | .0332930 | -.004359 | .000989  | 1.612360 | .0772140 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004548 | .0007428 | 57.40174 | .0128919 | .0027880 | .0251251 | 9.821682 |
| Stddev | .0000243 | .0000493 | 1.59455  | .0002334 | .0001304 | .0003973 | .029368  |
| %RSD   | 5.335555 | 6.640530 | 2.777881 | 1.810479 | 4.677617 | 1.581380 | .2990160 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004827 | .0007217 | 59.03967 | .0131238 | .0028405 | .0255441 | 9.799735 |
| #2 | .0004393 | .0007992 | 57.31113 | .0128951 | .0028839 | .0250775 | 9.855044 |
| #3 | .0004422 | .0007076 | 55.85443 | .0126570 | .0026395 | .0247538 | 9.810268 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2949364 | 7.216129 | .0150193 | -.000101 | 23.23741 | .0069489 | .3092276 |
| Stddev | .0080897 | .193591  | .0000982 | .000075  | .13456   | .0008428 | .0004214 |
| %RSD   | 2.742852 | 2.682748 | .6536577 | 73.82114 | .5790491 | 12.12844 | .1362784 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3036178 | 7.431870 | .0149059 | -.000146 | 23.18001 | .0077540 | .3091910 |
| #2 | .2935821 | 7.158947 | .0150750 | -.000142 | 23.14108 | .0070197 | .3088257 |
| #3 | .2876094 | 7.057570 | .0150769 | -.000015 | 23.39115 | .0060729 | .3096662 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.894671 | .0505337 | .0012516 | -.005848 | .0690698 | 7.188098 | 1.881669 |
| Stddev | .030094  | .0014331 | .0002576 | .000440  | .0023166 | .016342  | .026974  |
| %RSD   | .3811970 | 2.835889 | 20.57909 | 7.519443 | 3.353923 | .2273486 | 1.433526 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.882588 | .0519603 | .0014736 | -.005420 | .0717386 | 7.201760 | 1.890704 |
| #2 | 7.872496 | .0505466 | .0013120 | -.006298 | .0678917 | 7.192539 | 1.902965 |
| #3 | 7.928929 | .0490942 | .0009692 | -.005825 | .0675790 | 7.169994 | 1.851336 |

Sample Name: P4856-02      Acquired: 11/15/2024 14:17:07      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | 3.526782 | -.002323 | .1805342 |
| Stddev | .039068  | .000480  | .0047310 |
| %RSD   | 1.107756 | 20.63993 | 2.620540 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 3.545925 | -.002237 | .1858022 |
| #2 | 3.552587 | -.001892 | .1791525 |
| #3 | 3.481834 | -.002840 | .1766480 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2823.259 | 65990.55 | 15427.68 | 1910.016 | 4799.648 |
| Stddev    | 38.965   | 41.75    | 416.47   | 6.295    | 58.737   |
| %RSD      | 1.380157 | .0632620 | 2.699501 | .3295760 | 1.223769 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2795.365 | 66036.32 | 14980.41 | 1917.041 | 4762.493 |
| #2 | 2806.632 | 65980.74 | 15498.33 | 1904.887 | 4769.087 |
| #3 | 2867.780 | 65954.58 | 15804.31 | 1908.120 | 4867.365 |



Sample Name: PB165002BL      Acquired: 11/15/2024 14:29:45      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0002173 | -.000260 | .0002412 | -.001005 | .0000104 | .0003011 | -.003127 |
| Stddev | .0026690 | .001092  | .0005144 | .002900  | .0011516 | .0005025 | .000288  |
| %RSD   | 1228.143 | 419.9048 | 213.2929 | 288.4453 | 11027.57 | 166.9160 | 9.221886 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002630 | .000050  | -.000336 | -.001757 | .0000923 | -.000194 | -.003435 |
| #2 | .002663  | -.001473 | .000650  | .002197  | .0011190 | .000287  | -.002863 |
| #3 | .000619  | .000643  | .000410  | -.003456 | -.001180 | .000811  | -.003082 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000628 | .0000235 | .0042988 | -.000228 | .0000307 | -.000571 | -.003026 |
| Stddev | .0000250 | .0001165 | .0080329 | .000059  | .0000833 | .000179  | .000366  |
| %RSD   | 39.87092 | 496.4353 | 186.8645 | 25.94877 | 271.8526 | 31.34952 | 12.10728 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000469 | .0000112 | -.004671 | -.000256 | .0001256 | -.000397 | -.003097 |
| #2 | .0000917 | -.000086 | .010829  | -.000160 | -.000030 | -.000560 | -.003352 |
| #3 | .0000498 | .000146  | .006739  | -.000267 | -.000003 | -.000755 | -.002629 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000405 | -.000740 | -.000362 | -.000137 | -.328687 | .0010262 | .0002466 |
| Stddev | .000202  | .002938  | .000065  | .000152  | .021217  | .0016963 | .0000563 |
| %RSD   | 49.86853 | 396.9198 | 17.99298 | 111.1996 | 6.455129 | 165.2898 | 22.84597 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000383 | .001225  | -.000363 | -.000240 | -.347168 | .0026891 | .0001864 |
| #2 | -.000616 | .000671  | -.000427 | -.000210 | -.333374 | -.000702 | .0002553 |
| #3 | -.000214 | -.004117 | -.000297 | .000038  | -.305518 | .001091  | .0002981 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.100772 | -.000442 | -.000238 | -.004054 | .0004178 | .0050679 | .0024743 |
| Stddev | .018329  | .000351  | .000130  | .000449  | .0005891 | .0036257 | .0009097 |
| %RSD   | 18.18886 | 79.50485 | 54.45190 | 11.07627 | 140.9860 | 71.54177 | 36.76782 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.116538 | -.000600 | -.000118 | -.003918 | .0004311 | .0058949 | .0021796 |
| #2 | -.105119 | -.000039 | -.000221 | -.004555 | .0010001 | .0082088 | .0034948 |
| #3 | -.080660 | -.000687 | -.000375 | -.003688 | -.000178 | .0011002 | .0017484 |

Sample Name: PB165002BL      Acquired: 11/15/2024 14:29:45      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.002388 | -.001959 | -.000076 |
| Stddev | .001993  | .000703  | .000008  |
| %RSD   | 83.43325 | 35.90404 | 10.63229 |
| #1     | -.003234 | -.002097 | -.000068 |
| #2     | -.003819 | -.001197 | -.000085 |
| #3     | -.000112 | -.002584 | -.000076 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2512.229 | 61210.16 | 14058.18 | 1762.486 | 4492.944 |
| Stddev    | 12.188   | 164.79   | 171.80   | 5.319    | 12.217   |
| %RSD      | .4851473 | .2692257 | 1.222062 | .3018001 | .2719254 |
| #1        | 2525.820 | 61192.48 | 13885.51 | 1764.306 | 4505.750 |
| #2        | 2502.269 | 61383.08 | 14059.92 | 1766.657 | 4481.415 |
| #3        | 2508.598 | 61054.92 | 14229.10 | 1756.496 | 4491.666 |

Sample Name: CCV03      Acquired: 11/15/2024 14:40:39      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.151599 | 5.007207 | 5.086460 | 5.258048 | 5.195468 | 10.30587 | 10.07901 |
| Stddev | .013076  | .062490  | .010995  | .007919  | .010291  | .04607   | .10334   |
| %RSD   | .2538326 | 1.247991 | .2161692 | .1506057 | .1980763 | .4470715 | 1.025297 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.136508 | 4.936924 | 5.074072 | 5.249834 | 5.183996 | 10.35572 | 10.13508 |
| #2 | 5.159563 | 5.028205 | 5.095063 | 5.258673 | 5.198520 | 10.29703 | 10.14219 |
| #3 | 5.158727 | 5.056494 | 5.090244 | 5.265635 | 5.203888 | 10.26485 | 9.95975  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2529650 | 2.522783 | 25.07096 | 1.036972 | 2.524931 | 1.305131 | 5.022259 |
| Stddev | .0019360 | .002878  | .01891   | .001365  | .002931  | .001202  | .015469  |
| %RSD   | .7653025 | .1140846 | .0754386 | .1316454 | .1160739 | .0920718 | .3080075 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2552004 | 2.519467 | 25.09269 | 1.037097 | 2.521640 | 1.304103 | 5.006617 |
| #2 | .2518627 | 2.524255 | 25.06197 | 1.038270 | 2.527262 | 1.304840 | 5.022613 |
| #3 | .2518320 | 2.524628 | 25.05822 | 1.035549 | 2.525889 | 1.306452 | 5.037549 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.453385 | 25.13794 | 2.525992 | 1.294415 | 25.31863 | 2.549954 | 2.665102 |
| Stddev | .004495  | .05253   | .004186  | .001439  | .10036   | .004294  | .004096  |
| %RSD   | .1832150 | .2089473 | .1657206 | .1111850 | .3963691 | .1684102 | .1537010 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.458346 | 25.17321 | 2.521250 | 1.296059 | 25.43447 | 2.552702 | 2.664716 |
| #2 | 2.449583 | 25.16303 | 2.529173 | 1.293381 | 25.26351 | 2.552154 | 2.669378 |
| #3 | 2.452226 | 25.07758 | 2.527553 | 1.293805 | 25.25792 | 2.545005 | 2.661213 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.80867 | 5.040753 | 5.289040 | 5.112873 | 4.983425 | 5.097598 | 5.110767 |
| Stddev | .05335   | .031798  | .006776  | .019957  | .009385  | .042217  | .035562  |
| %RSD   | .2067028 | .6308223 | .1281049 | .3903351 | .1883237 | .8281705 | .6958294 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.74707 | 5.074654 | 5.281458 | 5.090139 | 4.993419 | 5.052158 | 5.069861 |
| #2 | 25.83995 | 5.036015 | 5.291160 | 5.120974 | 4.982057 | 5.105033 | 5.128112 |
| #3 | 25.83899 | 5.011589 | 5.294502 | 5.127506 | 4.974799 | 5.135604 | 5.134329 |

Sample Name: CCV03      Acquired: 11/15/2024 14:40:39      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.007792 | 5.051030 | 5.063518 |
| Stddev | .022659  | .029482  | .031247  |
| %RSD   | .4524691 | .5836765 | .6171038 |
| #1     | 4.982373 | 5.084512 | 5.047272 |
| #2     | 5.015130 | 5.039619 | 5.099541 |
| #3     | 5.025872 | 5.028960 | 5.043740 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2489.512 | 58585.95 | 14150.09 | 1736.605 | 4075.444 |
| Stddev    | .980     | 60.76    | 76.32    | 3.513    | 2.621    |
| %RSD      | .0393762 | .1037045 | .5393751 | .2022820 | .0643038 |
| #1        | 2488.588 | 58595.83 | 14061.99 | 1738.754 | 4078.468 |
| #2        | 2490.540 | 58641.16 | 14196.07 | 1732.551 | 4073.826 |
| #3        | 2489.408 | 58520.86 | 14192.21 | 1738.511 | 4074.039 |

Sample Name: CCB03      Acquired: 11/15/2024 14:44:50      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.000506 | -.000389 | -.000015 | -.002843 | -.000529 | .0007614 | -.001501 |
| Stddev | .001416  | .000861  | .000185  | .000339  | .000581  | .0046586 | .000101  |
| %RSD   | 279.5193 | 221.0330 | 1256.229 | 11.93625 | 109.8153 | 611.8230 | 6.728937 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000804  | -.000855 | -.000002 | -.003225 | -.000040 | .0059786 | -.001494 |
| #2 | -.002007 | -.000916 | .000164  | -.002575 | -.001171 | -.002982 | -.001404 |
| #3 | -.000316 | .000604  | -.000206 | -.002730 | -.000376 | -.000712 | -.001606 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000609 | -.000004 | .0180603 | .0000453 | -.000113 | -.000579 | -.003198 |
| Stddev | .0000205 | .000062  | .0007942 | .0001295 | .000151  | .000555  | .000649  |
| %RSD   | 33.64123 | 1664.362 | 4.397413 | 285.7930 | 134.0562 | 95.94994 | 20.30526 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000824 | -.000006 | .0171436 | -.000054 | -.000060 | -.000703 | -.002448 |
| #2 | .0000586 | -.000065 | .0185403 | .000192  | .000005  | -.001062 | -.003592 |
| #3 | .0000416 | .000060  | .0184970 | -.000002 | -.000283 | .000028  | -.003554 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000851 | -.007502 | -.000150 | -.000010 | -.372720 | -.000104 | .0011597 |
| Stddev | .0000672 | .003416  | .000329  | .000036  | .014706  | .000286  | .0001643 |
| %RSD   | 78.98706 | 45.54017 | 219.2484 | 349.9865 | 3.945528 | 274.9356 | 14.16838 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000112 | -.011380 | -.000504 | -.000047 | -.388031 | -.000378 | .0011993 |
| #2 | .0001016 | -.004938 | .000148  | .000025  | -.371423 | -.000125 | .0013005 |
| #3 | .0001426 | -.006187 | -.000094 | -.000009 | -.358705 | .000192  | .0009792 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.116348 | .0054039 | .0002325 | .0023752 | .0003301 | .0065695 | .0033421 |
| Stddev | .012937  | .0005756 | .0001213 | .0004846 | .0001288 | .0006157 | .0009510 |
| %RSD   | 11.11905 | 10.65179 | 52.15907 | 20.40409 | 39.01761 | 9.372251 | 28.45592 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.127418 | .0060498 | .0002507 | .0021740 | .0004437 | .0058719 | .0042292 |
| #2 | -.119500 | .0052167 | .0003436 | .0020236 | .0001902 | .0070372 | .0034591 |
| #3 | -.102127 | .0049451 | .0001031 | .0029281 | .0003566 | .0067995 | .0023380 |

Sample Name: CCB03      Acquired: 11/15/2024 14:44:50      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.002946 | -.001827 | .0000168 |
| Stddev | .003814  | .000234  | .0000116 |
| %RSD   | 129.4288 | 12.78857 | 69.22025 |
| #1     | -.002346 | -.001879 | .0000039 |
| #2     | -.007025 | -.001572 | .0000266 |
| #3     | .000531  | -.002031 | .0000199 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2653.688 | 63474.07 | 14368.33 | 1856.539 | 4736.965 |
| Stddev    | 10.289   | 183.39   | 106.05   | 11.763   | 9.677    |
| %RSD      | .3877357 | .2889231 | .7380757 | .6336234 | .2042966 |
| #1        | 2665.220 | 63441.80 | 14258.94 | 1854.020 | 4747.218 |
| #2        | 2645.446 | 63308.95 | 14375.35 | 1846.240 | 4727.990 |
| #3        | 2650.396 | 63671.45 | 14470.69 | 1869.358 | 4735.688 |

Sample Name: P4837-01LX5      Acquired: 11/15/2024 14:49:08      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0009645 | -.002475 | .0004097 | -.000080 | .0000365 | .0100423 |
| Stddev | .0009814 | .001870  | .0016058 | .000531  | .0004375 | .0054089 |
| %RSD   | 101.7524 | 75.55446 | 391.9809 | 666.4775 | 1198.499 | 53.86107 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0020944 | -.002874 | .0005422 | .000263  | -.000246 | .0038254 |
| #2 | .0003241 | -.000438 | .0019451 | -.000692 | .000541  | .0126324 |
| #3 | .0004751 | -.004114 | -.001258 | .000190  | -.000185 | .0136691 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0079608 | .0000258 | .0000013 | 16.03784 | .0009685 | -.000032 |
| Stddev | .0004292 | .0000369 | .0000566 | .10104   | .0002126 | .000176  |
| %RSD   | 5.391233 | 142.7517 | 4402.930 | .6299849 | 21.95081 | 547.2119 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0081501 | -.000006 | -.000017 | 15.93184 | .0012022 | -.000235 |
| #2 | .0074695 | .000066  | .000065  | 16.13304 | .0009168 | .000083  |
| #3 | .0082627 | .000017  | -.000044 | 16.04863 | .0007865 | .000056  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020635 | .0197408 | .0003592 | 3.702025 | .0014462 | -.000185 |
| Stddev | .0002761 | .0013802 | .0001713 | .044077  | .0001772 | .000066  |
| %RSD   | 13.37843 | 6.991398 | 47.67304 | 1.190624 | 12.24988 | 35.86110 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0019002 | .0201699 | .0005454 | 3.666504 | .0014662 | -.000192 |
| #2 | .0023822 | .0181970 | .0002083 | 3.751353 | .0012598 | -.000115 |
| #3 | .0019080 | .0208553 | .0003240 | 3.688219 | .0016124 | -.000247 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.42499 | .0014715 | .0029421 | 5.543908 | .0132732 | .0387092 |
| Stddev | .10496   | .0004290 | .0002683 | .019130  | .0002551 | .0000800 |
| %RSD   | .4480770 | 29.15746 | 9.117966 | .3450659 | 1.921815 | .2065912 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 23.54587 | .0012314 | .0031888 | 5.529879 | .0130575 | .0386171 |
| #2 | 23.35699 | .0019669 | .0029809 | 5.536145 | .0135548 | .0387614 |
| #3 | 23.37210 | .0012163 | .0026565 | 5.565699 | .0132074 | .0387490 |

Sample Name: P4837-01LX5      Acquired: 11/15/2024 14:49:08      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0004785 | .0006506 | 2.301753 | .0103056 | F 20.89625 | .0034676 |
| Stddev | .0001051 | .0001622 | .002544  | .0021315 | .04140     | .0005204 |
| %RSD   | 21.96853 | 24.92750 | .1105398 | 20.68267 | .1981361   | 15.00882 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0003724 | .0008108 | 2.300988 | .0127512 | 20.90337 | .0040380 |
| #2 | .0004806 | .0006547 | 2.299679 | .0088429 | 20.93363 | .0033462 |
| #3 | .0005826 | .0004865 | 2.304593 | .0093227 | 20.85174 | .0030185 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0647806 |
| Stddev | .0000613 |
| %RSD   | .0946383 |

|    |          |
|----|----------|
| #1 | .0647098 |
| #2 | .0648172 |
| #3 | .0648147 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2442.914 | 58700.46 | 14057.29 | 1702.047 | 4221.830 |
| Stddev    | 14.626   | 128.58   | 24.74    | 15.492   | 12.672   |
| %RSD      | .5986995 | .2190470 | .1760158 | .9101966 | .3001461 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2456.478 | 58576.15 | 14038.48 | 1698.700 | 4232.460 |
| #2 | 2444.846 | 58692.31 | 14048.08 | 1688.502 | 4225.223 |
| #3 | 2427.419 | 58832.93 | 14085.32 | 1718.939 | 4207.807 |



Sample Name: P4837-01MS      Acquired: 11/15/2024 14:53:25      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .8235443 | 1.703257 | .9015172 | 1.974946 | .8031214 | 2.056290 |
| Stddev | .0026384 | .012626  | .0018415 | .010608  | .0026997 | .013325  |
| %RSD   | .3203761 | .7412660 | .2042631 | .5371098 | .3361538 | .6480170 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8252734 | 1.717783 | .9031905 | 1.984476 | .8061209 | 2.044415 |
| #2 | .8248522 | 1.694926 | .9018168 | 1.976844 | .8023569 | 2.053754 |
| #3 | .8205074 | 1.697060 | .8995443 | 1.963517 | .8008864 | 2.070701 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2491281 | .1925097 | .1859748 | 82.61904 | .4036077 | .1910806 |
| Stddev | .0006816 | .0006201 | .0004571 | .73836   | .0014571 | .0003926 |
| %RSD   | .2736074 | .3221286 | .2458026 | .8936924 | .3610224 | .2054558 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2491089 | .1919030 | .1864635 | 81.83778 | .4019555 | .1914943 |
| #2 | .2498191 | .1924836 | .1859030 | 82.71403 | .4041585 | .1910341 |
| #3 | .2484562 | .1931424 | .1855577 | 83.30531 | .4047091 | .1907133 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3051000 | 3.001284 | .1928222 | 20.79572 | .4795243 | .0751258 |
| Stddev | .0012788 | .029281  | .0007002 | .18886   | .0011962 | .0001660 |
| %RSD   | .4191488 | .9756061 | .3631491 | .9081706 | .2494467 | .2209497 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3065151 | 2.972663 | .1924706 | 20.62683 | .4808694 | .0750258 |
| #2 | .3047578 | 3.031183 | .1923675 | 20.76068 | .4791233 | .0750343 |
| #3 | .3040271 | 3.000007 | .1936286 | 20.99964 | .4785802 | .0753174 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 138.6110 | .3035528 | .2368693 | 40.42807 | .3140382 | .6252456 |
| Stddev | 1.1621   | .0017635 | .0010081 | .05124   | .0014871 | .0024801 |
| %RSD   | .8384050 | .5809456 | .4255914 | .1267409 | .4735462 | .3966536 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 137.3215 | .3017147 | .2368240 | 40.44303 | .3129811 | .6278551 |
| #2 | 139.5774 | .3052308 | .2358847 | 40.47017 | .3133947 | .6249623 |
| #3 | 138.9342 | .3037128 | .2378993 | 40.37102 | .3157387 | .6229193 |

Sample Name: P4837-01MS      Acquired: 11/15/2024 14:53:25      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .6458179 | .1941502 | F 12.89264 | 5.733670 | F 105.5402 | .2333195 |
| Stddev | .0002146 | .0005096 | .08360     | .020524  | .4390      | .0010395 |
| %RSD   | .0332229 | .2624639 | .6484181   | .3579597 | .4159315   | .4455448 |
| #1     | .6455912 | .1937976 | 12.80082   | 5.757149 | 106.0311   | .2337042 |
| #2     | .6458449 | .1947345 | 12.91278   | 5.724722 | 105.4043   | .2341119 |
| #3     | .6460178 | .1939186 | 12.96433   | 5.719139 | 105.1853   | .2321425 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .5391210 |
| Stddev | .0004989 |
| %RSD   | .0925303 |
| #1     | .5389430 |
| #2     | .5396844 |
| #3     | .5387355 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2297.466 | 55870.22 | 13654.76 | 1594.785 | 3862.850 |
| Stddev    | 9.577    | 45.83    | 13.35    | 1.611    | 14.370   |
| %RSD      | .4168584 | .0820207 | .0977739 | .1010146 | .3720005 |
| #1        | 2288.929 | 55913.27 | 13659.98 | 1593.342 | 3847.700 |
| #2        | 2295.647 | 55822.05 | 13664.70 | 1596.524 | 3864.563 |
| #3        | 2307.822 | 55875.32 | 13639.58 | 1594.490 | 3876.286 |

Sample Name: P4837-01MSD      Acquired: 11/15/2024 14:57:32      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .8069095 | 1.715708 | .8873158 | 1.923655 | .7805746 | 2.015452 |
| Stddev | .0037624 | .003620  | .0019225 | .005135  | .0014960 | .013865  |
| %RSD   | .4662772 | .2109785 | .2166656 | .2669649 | .1916585 | .6879386 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8105280 | 1.716843 | .8895340 | 1.927885 | .7820734 | 2.005193 |
| #2 | .8030180 | 1.711657 | .8861317 | 1.917941 | .7790814 | 2.009937 |
| #3 | .8071827 | 1.718625 | .8862817 | 1.925140 | .7805689 | 2.031226 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2466710 | .1916440 | .1835948 | 82.09936 | .3948810 | .1877001 |
| Stddev | .0012137 | .0003320 | .0007195 | .60785   | .0007880 | .0007503 |
| %RSD   | .4920398 | .1732405 | .3918941 | .7403857 | .1995620 | .3997545 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2461572 | .1914592 | .1843141 | 81.56800 | .3955856 | .1884405 |
| #2 | .2457987 | .1914456 | .1828751 | 81.96789 | .3940301 | .1869402 |
| #3 | .2480571 | .1920273 | .1835951 | 82.76219 | .3950274 | .1877196 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2979677 | 2.969997 | .1924961 | 20.66344 | .4722295 | .0736467 |
| Stddev | .0009196 | .009621  | .0018086 | .19248   | .0017292 | .0000525 |
| %RSD   | .3086215 | .3239485 | .9395335 | .9315040 | .3661727 | .0713426 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2986775 | 2.966643 | .1910532 | 20.46969 | .4741322 | .0736498 |
| #2 | .2969288 | 2.962502 | .1919100 | 20.66600 | .4707540 | .0735927 |
| #3 | .2982967 | 2.980847 | .1945250 | 20.85462 | .4718022 | .0736977 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 136.6146 | .2999234 | .2313474 | 39.27044 | .3126942 | .6096982 |
| Stddev | 1.9147   | .0009547 | .0012796 | .11934   | .0004013 | .0030381 |
| %RSD   | 1.401528 | .3183069 | .5530947 | .3038993 | .1283489 | .4982932 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 134.5832 | .2988212 | .2319299 | 39.13469 | .3122722 | .6125030 |
| #2 | 138.3860 | .3004589 | .2322322 | 39.31776 | .3130711 | .6064710 |
| #3 | 136.8745 | .3004901 | .2298803 | 39.35887 | .3127392 | .6101204 |

Sample Name: P4837-01MSD      Acquired: 11/15/2024 14:57:32      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .6407125 | .1911877 | F 12.58986 | 5.782946 | F 104.8627 | .2268755 |
| Stddev | .0012665 | .0013444 | .07134     | .008074  | .2400      | .0010229 |
| %RSD   | .1976769 | .7031925 | .5666381   | .1396215 | .2289137   | .4508764 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6421221 | .1901418 | 12.51295 | 5.778933 | 105.1355 | .2261555 |
| #2 | .6396703 | .1907172 | 12.60277 | 5.792241 | 104.6839 | .2264246 |
| #3 | .6403450 | .1927041 | 12.65387 | 5.777665 | 104.7687 | .2280464 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .5305864 |
| Stddev | .0024641 |
| %RSD   | .4644167 |

|    |          |
|----|----------|
| #1 | .5288772 |
| #2 | .5294711 |
| #3 | .5334110 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2372.005 | 57074.33 | 13791.51 | 1651.321 | 3956.009 |
| Stddev    | 5.651    | 25.27    | 15.41    | 6.292    | 9.737    |
| %RSD      | .2382490 | .0442686 | .1117243 | .3810142 | .2461283 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2370.228 | 57054.59 | 13789.65 | 1645.251 | 3952.673 |
| #2 | 2378.331 | 57065.60 | 13807.76 | 1650.899 | 3966.975 |
| #3 | 2367.456 | 57102.80 | 13777.12 | 1657.813 | 3948.378 |

Sample Name: P4837-01A      Acquired: 11/15/2024 15:01:38      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .7866901 | 1.639522 | .8717552 | 1.872493 | .7645533 | 1.993910 |
| Stddev | .0018432 | .017292  | .0030954 | .001376  | .0014470 | .004994  |
| %RSD   | .2342995 | 1.054704 | .3550733 | .0734746 | .1892615 | .2504687 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7849767 | 1.659386 | .8713522 | 1.870995 | .7630703 | 1.999660 |
| #2 | .7864535 | 1.627835 | .8750323 | 1.872784 | .7659613 | 1.990654 |
| #3 | .7886402 | 1.631344 | .8688811 | 1.873700 | .7646284 | 1.991416 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2453309 | .1913929 | .1798990 | 81.29419 | .3892190 | .1840241 |
| Stddev | .0022745 | .0021600 | .0003743 | .43921   | .0019525 | .0004572 |
| %RSD   | .9271140 | 1.128551 | .2080834 | .5402667 | .5016526 | .2484592 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2479498 | .1936276 | .1796402 | 81.72825 | .3914720 | .1836561 |
| #2 | .2441931 | .1912346 | .1803282 | 81.30431 | .3880198 | .1845359 |
| #3 | .2438498 | .1893164 | .1797286 | 80.85001 | .3881651 | .1838802 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2918159 | 2.934677 | .1908603 | 20.35722 | .4628204 | .0731714 |
| Stddev | .0006215 | .001655  | .0011726 | .08226   | .0010424 | .0001224 |
| %RSD   | .2129753 | .0564048 | .6143920 | .4040920 | .2252192 | .1673240 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2911276 | 2.933240 | .1922126 | 20.43136 | .4620630 | .0732169 |
| #2 | .2923359 | 2.934303 | .1902428 | 20.37159 | .4640092 | .0730327 |
| #3 | .2919842 | 2.936487 | .1901254 | 20.26873 | .4623890 | .0732645 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 136.2881 | .2963885 | .2283579 | 38.64491 | .3109490 | .5987052 |
| Stddev | 1.0566   | .0021620 | .0003733 | .14095   | .0031474 | .0015527 |
| %RSD   | .7753012 | .7294318 | .1634588 | .3647402 | 1.012175 | .2593371 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 136.2272 | .2982954 | .2279883 | 38.64268 | .3145513 | .5981315 |
| #2 | 135.2632 | .2968303 | .2287347 | 38.50508 | .3095639 | .6004631 |
| #3 | 137.3738 | .2940397 | .2283507 | 38.78696 | .3087317 | .5975211 |

Sample Name: P4837-01A      Acquired: 11/15/2024 15:01:38      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .6294460 | .1898189 | F 12.37958 | 5.601806 | F 101.9702 | .2242808 |
| Stddev | .0029910 | .0009949 | .02232     | .005550  | .1978      | .0012173 |
| %RSD   | .4751726 | .5241202 | .1802755   | .0990709 | .1939464   | .5427536 |
| #1     | .6264296 | .1908173 | 12.36878   | 5.604459 | 102.1652   | .2256138 |
| #2     | .6324108 | .1888275 | 12.36473   | 5.605532 | 101.9757   | .2232281 |
| #3     | .6294976 | .1898120 | 12.40525   | 5.595428 | 101.7697   | .2240005 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .5255224 |
| Stddev | .0038694 |
| %RSD   | .7362978 |
| #1     | .5299564 |
| #2     | .5228286 |
| #3     | .5237824 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2427.620 | 57951.15 | 13951.04 | 1702.171 | 4047.230 |
| Stddev    | 2.027    | 79.97    | 88.03    | 5.517    | 4.549    |
| %RSD      | .0835003 | .1380004 | .6309667 | .3241189 | .1123951 |
| #1        | 2429.106 | 58016.00 | 13864.69 | 1708.428 | 4047.550 |
| #2        | 2425.311 | 57975.64 | 13947.79 | 1698.006 | 4042.530 |
| #3        | 2428.443 | 57861.79 | 14040.65 | 1700.080 | 4051.611 |

Sample Name: P4838-01      Acquired: 11/15/2024 15:05:46      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0940986 | -.009433 | .5241748 | -.010500 | .0073510 | 130.0723 |
| Stddev | .0014065 | .004467  | .0026822 | .000768  | .0017864 | .8198    |
| %RSD   | 1.494735 | 47.35586 | .5117002 | 7.315426 | 24.30146 | .6302590 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0956460 | -.013998 | .5253865 | -.010732 | .0078741 | 130.9919 |
| #2 | .0937523 | -.009229 | .5260373 | -.011125 | .0088174 | 129.8068 |
| #3 | .0928976 | -.005071 | .5211005 | -.009643 | .0053614 | 129.4181 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9511994 | .0084092 | .0308137 | 254.8279 | .2974261 | .2183266 |
| Stddev | .0071155 | .0000553 | .0010555 | .2611    | .0014386 | .0031320 |
| %RSD   | .7480564 | .6569695 | 3.425559 | .1024689 | .4836820 | 1.434533 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9593659 | .0084615 | .0311709 | 254.8378 | .2990653 | .2194110 |
| #2 | .9478988 | .0084148 | .0316443 | 255.0839 | .2963735 | .2207722 |
| #3 | .9463337 | .0083514 | .0296259 | 254.5619 | .2968394 | .2147965 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.504955 | 179.6395 | 6.755406 | 66.66428 | 1.073578 | .0026212 |
| Stddev | .021099  | 1.0697   | .033769  | .25078   | .016457  | .0003762 |
| %RSD   | 1.401957 | .5954863 | .4998754 | .3761866 | 1.532902 | 14.35160 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.515986 | 179.3045 | 6.794299 | 66.93711 | 1.080572 | .0024003 |
| #2 | 1.518251 | 178.7774 | 6.738376 | 66.61192 | 1.085383 | .0024078 |
| #3 | 1.480627 | 180.8366 | 6.733543 | 66.44381 | 1.054779 | .0030556 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 41.03631 | .3176197 | 8.927376 | 52.90490 | .2226119 | .0372842 |
| Stddev | .22827   | .0008310 | .066774  | .23858   | .0006356 | .0004288 |
| %RSD   | .5562613 | .2616208 | .7479636 | .4509623 | .2855238 | 1.150069 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 41.07331 | .3185006 | 8.946561 | 52.90385 | .2218840 | .0375083 |
| #2 | 40.79180 | .3168499 | 8.853109 | 52.66684 | .2230571 | .0375546 |
| #3 | 41.24382 | .3175085 | 8.982456 | 53.14400 | .2228948 | .0367898 |

Sample Name: P4838-01      Acquired: 11/15/2024 15:05:46      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0006071 | 1.767519 | F 101.4105 | F 10.78212 | F 117.8074 | .0779163 |
| Stddev | .0011723 | .012118  | .5945      | .17878     | 1.8941     | .0011785 |
| %RSD   | 193.0777 | .6855665 | .5861929   | 1.658149   | 1.607795   | 1.512467 |
| #1     | .0008790 | 1.781077 | 101.1836   | 10.88664   | 118.6533   | .0792674 |
| #2     | .0016196 | 1.763735 | 100.9629   | 10.88403   | 119.1311   | .0773810 |
| #3     | -.000677 | 1.757745 | 102.0850   | 10.57568   | 115.6377   | .0771004 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .5183224 |
| Stddev | .0075050 |
| %RSD   | 1.447947 |
| #1     | .5269787 |
| #2     | .5143493 |
| #3     | .5136390 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2796.290 | 70303.80 | 17272.56 | 1992.652 | 3780.423 |
| Stddev    | 32.138   | 167.25   | 138.57   | 12.035   | 52.692   |
| %RSD      | 1.149302 | .2379007 | .8022833 | .6039575 | 1.393807 |
| #1        | 2774.217 | 70249.80 | 17129.51 | 2003.289 | 3751.277 |
| #2        | 2781.492 | 70491.38 | 17282.00 | 1995.078 | 3748.743 |
| #3        | 2833.161 | 70170.22 | 17406.17 | 1979.589 | 3841.249 |



Sample Name: PB164972BL      Acquired: 11/15/2024 15:10:07      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0011331 | .0000690 | .0004208 | -.001053 | -.000161 | .0069779 |
| Stddev | .0025550 | .0013290 | .0008093 | .001732  | .001118  | .0023760 |
| %RSD   | 225.4860 | 1926.385 | 192.3137 | 164.5046 | 692.3785 | 34.05065 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0039771 | -.000014 | -.000101 | -.001223 | -.000979 | .0079485 |
| #2 | .0003905 | -.001217 | .001353  | .000758  | -.000617 | .0042702 |
| #3 | -.000968 | .001438  | .000011  | -.002693 | .001112  | .0087149 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002896 | .0000186 | -.000000 | .0310013 | -.000165 | -.000086 |
| Stddev | .000176  | .0000499 | .000042  | .0049551 | .000309  | .000011  |
| %RSD   | 6.072672 | 268.9005 | 9112.783 | 15.98357 | 186.9817 | 12.78922 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003099 | -.000027 | .000018  | .0341515 | .000188  | -.000098 |
| #2 | -.002794 | .000010  | -.000048 | .0252897 | -.000384 | -.000076 |
| #3 | -.002795 | .000072  | .000029  | .0335627 | -.000298 | -.000084 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000281 | .0036237 | .0001798 | -.006555 | .0000974 | -.000061 |
| Stddev | .000209  | .0037572 | .0001625 | .006594  | .0001200 | .000043  |
| %RSD   | 74.38587 | 103.6856 | 90.39355 | 100.5848 | 123.1741 | 69.39510 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000040 | .0059816 | .0000312 | -.014070 | .0001967 | -.000014 |
| #2 | -.000404 | .0055987 | .0001548 | -.003862 | -.000036 | -.000074 |
| #3 | -.000400 | -.000709 | .0003534 | -.001735 | .000132  | -.000096 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.299166 | .0006791 | .0015875 | -.116512 | .0016180 | -.000184 |
| Stddev | .020564  | .0010788 | .0002251 | .027297  | .0000843 | .000222  |
| %RSD   | 6.873904 | 158.8434 | 14.17842 | 23.42869 | 5.212316 | 120.8118 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.322289 | -.000565 | .0014137 | -.147475 | .0016984 | -.000338 |
| #2 | -.292287 | .001257  | .0015070 | -.106140 | .0015302 | -.000285 |
| #3 | -.282923 | .001346  | .0018417 | -.095921 | .0016253 | .000071  |

Sample Name: PB164972BL      Acquired: 11/15/2024 15:10:07      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0035996 | .0002769 | .0352220 | .0017760 | F .0142735 | -.001649 |
| Stddev | .0004395 | .0000297 | .0044145 | .0008625 | .0036796   | .000304  |
| %RSD   | 12.21060 | 10.74240 | 12.53334 | 48.56589 | 25.77921   | 18.41317 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0030925 | .0003093 | .0360513 | .0013916 | .0162026 | -.001999 |
| #2 | .0038347 | .0002509 | .0391630 | .0011724 | .0165875 | -.001459 |
| #3 | .0038715 | .0002703 | .0304516 | .0027638 | .0100305 | -.001488 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.000057 |
| Stddev | .000029  |
| %RSD   | 51.54107 |

|    |          |
|----|----------|
| #1 | -.000025 |
| #2 | -.000082 |
| #3 | -.000064 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2472.207 | 58303.73 | 13789.69 | 1697.559 | 4401.160 |
| Stddev    | 4.853    | 247.77   | 44.09    | 16.320   | 3.675    |
| %RSD      | .1962842 | .4249591 | .3197620 | .9613770 | .0835038 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2467.357 | 58042.67 | 13769.51 | 1681.526 | 4397.574 |
| #2 | 2477.062 | 58332.89 | 13759.30 | 1696.998 | 4404.918 |
| #3 | 2472.203 | 58535.63 | 13840.26 | 1714.151 | 4400.987 |

Sample Name: PB164972BS      Acquired: 11/15/2024 15:14:28      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .8492219 | 2.070191 | 1.047077 | 2.100875 | .8233452 | 2.124379 |
| Stddev | .0023229 | .023828  | .002902  | .005703  | .0019249 | .007600  |
| %RSD   | .2735338 | 1.151029 | .2771196 | .2714794 | .2337870 | .3577711 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8518758 | 2.087548 | 1.050124 | 2.106427 | .8212234 | 2.124911 |
| #2 | .8482317 | 2.080000 | 1.046759 | 2.101168 | .8249795 | 2.116527 |
| #3 | .8475581 | 2.043023 | 1.044347 | 2.095031 | .8238327 | 2.131700 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2076301 | .2194896 | .2044243 | 1.105278 | .4388133 | .2081699 |
| Stddev | .0005977 | .0010561 | .0002069 | .010799  | .0033899 | .0001090 |
| %RSD   | .2878565 | .4811652 | .1012359 | .9770015 | .7725190 | .0523552 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2077231 | .2189213 | .2042290 | 1.098254 | .4356644 | .2082840 |
| #2 | .2069914 | .2207081 | .2044027 | 1.099868 | .4424014 | .2081587 |
| #3 | .2081759 | .2188393 | .2046412 | 1.117712 | .4383740 | .2080669 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3316473 | 3.045830 | .2115324 | 2.088115 | .5235612 | .0797723 |
| Stddev | .0003667 | .020957  | .0005808 | .019832  | .0007033 | .0005353 |
| %RSD   | .1105801 | .6880397 | .2745770 | .9497762 | .1343341 | .6710295 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3312371 | 3.021632 | .2111034 | 2.078462 | .5243080 | .0792866 |
| #2 | .3317612 | 3.058049 | .2113004 | 2.074956 | .5229114 | .0803462 |
| #3 | .3319436 | 3.057810 | .2121933 | 2.110925 | .5234642 | .0796842 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.649134 | .3241227 | .2277123 | 10.05953 | .3196008 | .4404982 |
| Stddev | .018228  | .0007035 | .0002294 | .05571   | .0018873 | .0005853 |
| %RSD   | .6880557 | .2170401 | .1007223 | .5537792 | .5905071 | .1328747 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.635108 | .3234087 | .2275987 | 10.03564 | .3193456 | .4400625 |
| #2 | 2.642557 | .3248152 | .2279762 | 10.01974 | .3216027 | .4411635 |
| #3 | 2.669737 | .3241442 | .2275618 | 10.12319 | .3178541 | .4402685 |

Sample Name: PB164972BS      Acquired: 11/15/2024 15:14:28      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .7263022 | .2075393 | .7541291 | 5.869962 | F -.006059 | .2181746 |
| Stddev | .0017880 | .0003360 | .0073659 | .025726  | .001675    | .0015603 |
| %RSD   | .2461816 | .1618967 | .9767440 | .4382685 | 27.64435   | .7151730 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7251482 | .2078444 | .7468611 | 5.862429 | -.004439 | .2197838 |
| #2 | .7283619 | .2075944 | .7539370 | 5.898614 | -.005954 | .2166683 |
| #3 | .7253966 | .2071792 | .7615892 | 5.848843 | -.007783 | .2180717 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2149383 |
| Stddev | .0008779 |
| %RSD   | .4084604 |

|    |          |
|----|----------|
| #1 | .2157915 |
| #2 | .2140375 |
| #3 | .2149858 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2489.721 | 58543.81 | 13294.33 | 1732.332 | 4275.854 |
| Stddev    | 2.346    | 27.46    | 49.16    | 6.530    | 2.210    |
| %RSD      | .0942226 | .0469038 | .3697484 | .3769753 | .0516823 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2487.281 | 58565.56 | 13237.77 | 1732.380 | 4273.332 |
| #2 | 2489.921 | 58552.92 | 13326.74 | 1738.838 | 4276.778 |
| #3 | 2491.960 | 58512.95 | 13318.47 | 1725.777 | 4277.452 |

Sample Name: P4843-01      Acquired: 11/15/2024 15:18:27      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0471169 | -.013239 | .2082902 | -.005610 | .0133618 | 20.19382 |
| Stddev | .0065359 | .001110  | .0023381 | .000830  | .0010290 | .07503   |
| %RSD   | 13.87160 | 8.384336 | 1.122505 | 14.79379 | 7.701322 | .3715289 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0534721 | -.013713 | .2071607 | -.006458 | .0134458 | 20.28044 |
| #2 | .0474644 | -.011970 | .2109785 | -.005573 | .0122933 | 20.15156 |
| #3 | .0404142 | -.014033 | .2067313 | -.004799 | .0143462 | 20.14945 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.135050 | .0015170 | .0039568 | 871.6188 | .2376731 | .0463635 |
| Stddev | .004013  | .0000469 | .0000946 | 1.4353   | .0024439 | .0006310 |
| %RSD   | .3535381 | 3.091802 | 2.391694 | .1646750 | 1.028278 | 1.360897 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.138991 | .0015131 | .0040543 | 873.2624 | .2404065 | .0463722 |
| #2 | 1.130969 | .0015657 | .0039509 | 870.6118 | .2369139 | .0469900 |
| #3 | 1.135191 | .0014721 | .0038653 | 870.9823 | .2356988 | .0457282 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1978519 | 31.24967 | .5090471 | 82.00961 | .0614047 | -.000767 |
| Stddev | .0024481 | .06344   | .0029284 | .21062   | .0006973 | .000109  |
| %RSD   | 1.237335 | .2030209 | .5752774 | .2568252 | 1.135581 | 14.20275 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1983817 | 31.31301 | .5090112 | 81.96707 | .0618701 | -.000867 |
| #2 | .1999917 | 31.18612 | .5061368 | 81.82351 | .0617410 | -.000651 |
| #3 | .1951823 | 31.24986 | .5119933 | 82.23826 | .0606030 | -.000783 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 283.9094 | .0914411 | .5476377 | 739.0151 | .0529226 | .1741138 |
| Stddev | 1.2044   | .0008279 | .0008771 | 6.6792   | .0005109 | .0018533 |
| %RSD   | .4242349 | .9054004 | .1601641 | .9038029 | .9654012 | 1.064397 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 285.2943 | .0905011 | .5477190 | 744.7848 | .0534855 | .1739861 |
| #2 | 283.3275 | .0920617 | .5484713 | 740.5627 | .0524883 | .1760276 |
| #3 | 283.1065 | .0917606 | .5467227 | 731.6980 | .0527940 | .1723277 |

Sample Name: P4843-01      Acquired: 11/15/2024 15:18:27      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.004527 | .7672920 | F 55.55733 | 5.221772 | F 324.2743 | .1177044 |
| Stddev | .000465  | .0040859 | .22938     | .052224  | 2.9220     | .0020967 |
| %RSD   | 10.28142 | .5325151 | .4128779   | 1.000125 | .9010929   | 1.781314 |
| #1     | -.004780 | .7685673 | 55.79055   | 5.186915 | 323.0832   | .1199018 |
| #2     | -.004810 | .7627206 | 55.54947   | 5.281816 | 327.6037   | .1174857 |
| #3     | -.003989 | .7705883 | 55.33198   | 5.196584 | 322.1359   | .1157256 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 6.735726 |
| Stddev | .006817  |
| %RSD   | .1012067 |
| #1     | 6.743584 |
| #2     | 6.731392 |
| #3     | 6.732204 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2021.214 | 49015.71 | 12697.98 | 1417.656 | 3098.596 |
| Stddev    | 24.397   | 322.48   | 61.32    | 11.139   | 28.387   |
| %RSD      | 1.207030 | .6579079 | .4829259 | .7857544 | .9161099 |
| #1        | 2004.986 | 48673.26 | 12627.32 | 1404.826 | 3079.490 |
| #2        | 2009.387 | 49060.27 | 12737.31 | 1423.271 | 3085.084 |
| #3        | 2049.270 | 49313.59 | 12729.31 | 1424.870 | 3131.214 |

Sample Name: P4824-01      Acquired: 11/15/2024 15:23:09      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0094264 | -.016968 | .0419995 | -.028834 | -.005231 | 214.0090 |
| Stddev | .0002243 | .001534  | .0011530 | .000678  | .001424  | .5979    |
| %RSD   | 2.379922 | 9.041349 | 2.745254 | 2.350180 | 27.22009 | .2793579 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0092861 | -.015508 | .0433161 | -.028827 | -.005814 | 213.8678 |
| #2 | .0093078 | -.016830 | .0411699 | -.028160 | -.006271 | 213.4944 |
| #3 | .0096851 | -.018567 | .0415125 | -.029515 | -.003608 | 214.6648 |

| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2354971 | .0027026 | .0116476 | 122.2798 | .5267639 | .1213257 |
| Stddev | .0010159 | .0000633 | .0003834 | .4295    | .0020291 | .0008025 |
| %RSD   | .4313944 | 2.343583 | 3.291616 | .3512171 | .3851921 | .6614756 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2363350 | .0026295 | .0119379 | 122.5859 | .5253003 | .1215138 |
| #2 | .2357891 | .0027412 | .0117918 | 122.4646 | .5259113 | .1220174 |
| #3 | .2343672 | .0027371 | .0112130 | 121.7889 | .5290801 | .1204458 |

| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.306206 | 138.1888 | .9376281 | 80.81059 | .3419739 | .0037284 |
| Stddev | .009399  | 1.0940   | .0061208 | .36680   | .0009789 | .0003683 |
| %RSD   | .7195319 | .7916527 | .6527984 | .4539049 | .2862414 | 9.879322 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.313556 | 136.9330 | .9398994 | 80.97655 | .3429287 | .0033575 |
| #2 | 1.309446 | 138.6980 | .9422886 | 81.06509 | .3420205 | .0040941 |
| #3 | 1.295616 | 138.9353 | .9306963 | 80.39014 | .3409726 | .0037337 |

| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.67328 | .4028352 | .5864995 | 21.20382 | .0995704 | .0015768 |
| Stddev | .13896   | .0021821 | .0028639 | .20643   | .0018009 | .0003900 |
| %RSD   | .5869829 | .5416766 | .4883084 | .9735595 | 1.808723 | 24.73594 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 23.52223 | .4045015 | .5854438 | 20.98728 | .0976875 | .0017583 |
| #2 | 23.70192 | .4036387 | .5843133 | 21.22579 | .1012763 | .0018430 |
| #3 | 23.79568 | .4003653 | .5897415 | 21.39839 | .0997474 | .0011291 |

Sample Name: P4824-01      Acquired: 11/15/2024 15:23:09      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .1182914 | 6.249109 | F 14.92983 | 8.430759 | 2.163343 | .0754913 |
| Stddev | .0014649 | .020619  | .16824     | .023133  | .025581  | .0004532 |
| %RSD   | 1.238351 | .3299576 | 1.126862   | .2743879 | 1.182473 | .6003296 |
| #1     | .1198484 | 6.269449 | 14.73659   | 8.445345 | 2.176433 | .0759108 |
| #2     | .1180850 | 6.249655 | 15.00926   | 8.442846 | 2.179729 | .0755524 |
| #3     | .1169406 | 6.228221 | 15.04366   | 8.404087 | 2.133866 | .0750106 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2729087 |
| Stddev | .0025753 |
| %RSD   | .9436443 |
| #1     | .2757478 |
| #2     | .2722552 |
| #3     | .2707232 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2473.634 | 58163.09 | 14168.69 | 1720.505 | 3751.371 |
| Stddev    | 27.761   | 81.93    | 159.25   | 2.865    | 33.825   |
| %RSD      | 1.122259 | .1408702 | 1.123938 | .1665043 | .9016808 |
| #1        | 2454.830 | 58165.35 | 13993.20 | 1721.612 | 3729.977 |
| #2        | 2460.554 | 58243.88 | 14208.90 | 1722.650 | 3733.769 |
| #3        | 2505.519 | 58080.05 | 14303.98 | 1717.251 | 3790.368 |



Sample Name: P4825-01      Acquired: 11/15/2024 15:27:23      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0885489 | -.007929 | .5497375 | -.113473 | -.003639 | 262.5888 |
| Stddev | .0035831 | .003901  | .0002330 | .003438  | .000847  | 2.5260   |
| %RSD   | 4.046515 | 49.19827 | .0423874 | 3.029640 | 23.27638 | .9619581 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0848711 | -.010739 | .5494708 | -.114444 | -.003912 | 264.9505 |
| #2 | .0920292 | -.003475 | .5499013 | -.109655 | -.002689 | 262.8903 |
| #3 | .0887464 | -.009574 | .5498405 | -.116322 | -.004315 | 259.9256 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.556972 | .0181089 | .0544666 | 82.27253 | .4632571 | .3069188 |
| Stddev | .014703  | .0001448 | .0007617 | .34669   | .0019659 | .0003750 |
| %RSD   | .9443606 | .7993669 | 1.398439 | .4213899 | .4243663 | .1221916 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.573637 | .0182689 | .0552065 | 82.62648 | .4619591 | .3073437 |
| #2 | 1.551452 | .0179870 | .0536849 | 82.25753 | .4655189 | .3067785 |
| #3 | 1.545828 | .0180709 | .0545085 | 81.93359 | .4622933 | .3066341 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7561029 | 441.3826 | 13.30244 | 129.2737 | .5183409 | -.005472 |
| Stddev | .0045747 | 4.1500   | .06722   | .5193    | .0004023 | .000910  |
| %RSD   | .6050381 | .9402331 | .5053011 | .4017356 | .0776232 | 16.62660 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7600663 | 436.8825 | 13.37580 | 129.8196 | .5183975 | -.006372 |
| #2 | .7510968 | 445.0590 | 13.28774 | 129.2157 | .5187120 | -.005492 |
| #3 | .7571455 | 442.2063 | 13.24380 | 128.7858 | .5179133 | -.004553 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.624925 | 1.021310 | 1.565231 | 25.16290 | 1.913793 | .0084032 |
| Stddev | .089995  | .004976  | .017063  | .21312   | .010300  | .0002974 |
| %RSD   | 1.043432 | .4872318 | 1.090121 | .8469607 | .5381809 | 3.539390 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 8.564458 | 1.025445 | 1.552918 | 24.97502 | 1.925537 | .0086705 |
| #2 | 8.728350 | 1.022698 | 1.584708 | 25.39448 | 1.909544 | .0084563 |
| #3 | 8.581968 | 1.015788 | 1.558065 | 25.11919 | 1.906297 | .0080828 |

Sample Name: P4825-01      Acquired: 11/15/2024 15:27:23      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0222395 | 6.266641 | F 16.61914 | 9.970890 | 4.868481 | .5298029 |
| Stddev | .0005479 | .040602  | .20940     | .013826  | .007859  | .0063697 |
| %RSD   | 2.463571 | .6478995 | 1.260004   | .1386684 | .1614186 | 1.202282 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0217498 | 6.312945 | 16.43360 | 9.985867 | 4.862407 | .5367331 |
| #2 | .0228312 | 6.249852 | 16.84619 | 9.958613 | 4.865680 | .5284717 |
| #3 | .0221374 | 6.237127 | 16.57762 | 9.968189 | 4.877356 | .5242040 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.014095 |
| Stddev | .007547  |
| %RSD   | 53.54505 |

|    |          |
|----|----------|
| #1 | -.005388 |
| #2 | -.018762 |
| #3 | -.018136 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2583.082 | 63039.45 | 15693.93 | 1824.844 | 3583.915 |
| Stddev    | 8.943    | 558.79   | 199.78   | 22.352   | 15.908   |
| %RSD      | .3462000 | .8864163 | 1.272960 | 1.224874 | .4438723 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2578.717 | 63269.49 | 15473.23 | 1834.859 | 3570.015 |
| #2 | 2593.368 | 62402.36 | 15746.15 | 1799.236 | 3601.265 |
| #3 | 2577.159 | 63446.51 | 15862.41 | 1840.438 | 3580.465 |

Sample Name: CCV04      Acquired: 11/15/2024 15:31:42      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.305797 | 5.098043 | 5.217219 | 5.426784 | 5.318935 | 10.53712 | 10.10545 |
| Stddev | .007366  | .012669  | .011609  | .006079  | .004117  | .02128   | .01494   |
| %RSD   | .1388270 | .2485022 | .2225069 | .1120196 | .0774003 | .2019271 | .1478621 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.306338 | 5.084911 | 5.229865 | 5.419894 | 5.321961 | 10.53853 | 10.12271 |
| #2 | 5.298175 | 5.110191 | 5.207046 | 5.431390 | 5.320596 | 10.55766 | 10.09688 |
| #3 | 5.312877 | 5.099026 | 5.214745 | 5.429068 | 5.314247 | 10.51517 | 10.09678 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2594404 | 2.593497 | 25.45364 | 1.069565 | 2.590915 | 1.339095 | 5.070755 |
| Stddev | .0012660 | .004652  | .02538   | .001992  | .003166  | .002841  | .033977  |
| %RSD   | .4879924 | .1793632 | .0997090 | .1862466 | .1221825 | .2121737 | .6700626 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2597014 | 2.598847 | 25.42434 | 1.067350 | 2.593895 | 1.341408 | 5.052129 |
| #2 | .2605557 | 2.590405 | 25.46800 | 1.070138 | 2.587592 | 1.339953 | 5.050164 |
| #3 | .2580642 | 2.591240 | 25.46858 | 1.071209 | 2.591259 | 1.335924 | 5.109972 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.462056 | 25.66018 | 2.597136 | 1.315593 | 25.62747 | 2.606803 | 2.700269 |
| Stddev | .003592  | .07152   | .005660  | .000630  | .01593   | .004402  | .004313  |
| %RSD   | .1458924 | .2787254 | .2179405 | .0478647 | .0621638 | .1688773 | .1597311 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.458460 | 25.61003 | 2.603514 | 1.314866 | 25.63550 | 2.605859 | 2.695591 |
| #2 | 2.465644 | 25.62843 | 2.592710 | 1.315936 | 25.63779 | 2.602949 | 2.704088 |
| #3 | 2.462064 | 25.74208 | 2.595185 | 1.315977 | 25.60912 | 2.611600 | 2.701128 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.96322 | 5.140946 | 5.423832 | 5.247239 | 5.033227 | 5.412401 | 5.174397 |
| Stddev | .09359   | .023692  | .005011  | .003433  | .008204  | .034817  | .002740  |
| %RSD   | .3604584 | .4608463 | .0923957 | .0654242 | .1629976 | .6432891 | .0529497 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.91595 | 5.147020 | 5.428227 | 5.248525 | 5.029058 | 5.397425 | 5.177407 |
| #2 | 25.90269 | 5.161009 | 5.424895 | 5.243348 | 5.042678 | 5.387578 | 5.172047 |
| #3 | 26.07101 | 5.114808 | 5.418375 | 5.249843 | 5.027944 | 5.452201 | 5.173737 |

Sample Name: CCV04      Acquired: 11/15/2024 15:31:42      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.132507 | 5.080547 | 5.088561 |
| Stddev | .006096  | .022653  | .007323  |
| %RSD   | .1187686 | .4458864 | .1439025 |
| #1     | 5.134659 | 5.089296 | 5.082494 |
| #2     | 5.137235 | 5.097520 | 5.086494 |
| #3     | 5.125627 | 5.054823 | 5.096694 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2398.017 | 57200.53 | 13751.94 | 1680.094 | 3931.919 |
| Stddev    | 5.967    | 8.73     | 76.24    | 5.497    | 6.663    |
| %RSD      | .2488383 | .0152684 | .5543954 | .3271610 | .1694694 |
| #1        | 2396.974 | 57204.47 | 13706.63 | 1681.700 | 3929.115 |
| #2        | 2392.640 | 57206.60 | 13709.22 | 1673.973 | 3927.117 |
| #3        | 2404.437 | 57190.53 | 13839.96 | 1684.609 | 3939.527 |

Sample Name: CCB04      Acquired: 11/15/2024 15:35:54      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017895 | .0003543 | .0001011 | .0003495 | .0000521 | .0001214 | -.001920 |
| Stddev | .0008902 | .0014060 | .0004410 | .0008687 | .0012036 | .0010828 | .000313  |
| %RSD   | 49.74608 | 396.7990 | 436.3059 | 248.5364 | 2312.212 | 891.9587 | 16.29454 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0018994 | -.001245 | -.000387 | .0011130 | -.000500 | .0013323 | -.001859 |
| #2 | .0026197 | .001397  | .000470  | -.000596 | .001433  | -.000754 | -.001643 |
| #3 | .0008495 | .000910  | .000221  | .000531  | -.000777 | -.000214 | -.002259 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000065 | .0000310 | .0256284 | -.000088 | -.000053 | -.000404 | -.000188 |
| Stddev | .0000330 | .0000528 | .0020315 | .000021  | .000094  | .000187  | .001081  |
| %RSD   | 505.1393 | 170.4034 | 7.926595 | 23.85328 | 175.5817 | 46.19315 | 574.2718 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000010 | .0000773 | .0268765 | -.000068 | .000052  | -.000503 | .000621  |
| #2 | .0000420 | -.000027 | .0232843 | -.000085 | -.000127 | -.000520 | -.001415 |
| #3 | -.000023 | .000042  | .0267244 | -.000110 | -.000085 | -.000189 | .000230  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000112 | -.015421 | -.000008 | -.000360 | -.296348 | .0001108 | .0013002 |
| Stddev | .0000972 | .004031  | .000408  | .000050  | .020425  | .0002955 | .0001681 |
| %RSD   | 869.6924 | 26.13864 | 5074.427 | 13.91915 | 6.892269 | 266.6802 | 12.93100 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000439 | -.010849 | -.000022 | -.000348 | -.318513 | .0003106 | .0011946 |
| #2 | .0000878 | -.016951 | -.000409 | -.000416 | -.292246 | -.000229 | .0014941 |
| #3 | -.000098 | -.018463 | .000407  | -.000318 | -.278286 | .000250  | .0012119 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.056932 | .0068786 | .0000368 | .0027668 | .0005085 | .0135990 | .0022314 |
| Stddev | .024270  | .0004364 | .0000231 | .0003993 | .0004762 | .0082372 | .0015937 |
| %RSD   | 42.62946 | 6.343998 | 62.87509 | 14.43070 | 93.63215 | 60.57205 | 71.42235 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.076671 | .0071398 | .0000356 | .0023069 | .0001173 | .0219289 | .0034398 |
| #2 | -.064290 | .0071212 | .0000605 | .0030250 | .0010387 | .0134103 | .0028292 |
| #3 | -.029834 | .0063748 | .0000143 | .0029685 | .0003697 | .0054578 | .0004252 |

Sample Name: CCB04      Acquired: 11/15/2024 15:35:54      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0046738 | -.000967 | .0000672 |
| Stddev | .0004692 | .000780  | .0000228 |
| %RSD   | 10.03860 | 80.71852 | 33.89267 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0044567 | -.001211 | .0000436 |
| #2 | .0052122 | -.001596 | .0000890 |
| #3 | .0043525 | -.000093 | .0000689 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2575.191 | 59408.74 | 13462.85 | 1786.581 | 4524.166 |
| Stddev    | 8.545    | 237.42   | 72.05    | 3.244    | 12.561   |
| %RSD      | .3318260 | .3996401 | .5351852 | .1815883 | .2776348 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2568.728 | 59187.11 | 13459.49 | 1786.530 | 4514.659 |
| #2 | 2571.964 | 59379.81 | 13392.54 | 1783.363 | 4519.434 |
| #3 | 2584.879 | 59659.30 | 13536.53 | 1789.851 | 4538.405 |

Sample Name: P4833-01      Acquired: 11/15/2024 15:40:10      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0611778 | -.008180 | .2350118 | -.047435 | -.001281 | 119.1513 |
| Stddev | .0020241 | .002861  | .0015002 | .000997  | .000629  | .1353    |
| %RSD   | 3.308511 | 34.97633 | .6383669 | 2.101299 | 49.14145 | .1135424 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0605507 | -.011421 | .2355552 | -.046330 | -.000628 | 119.2975 |
| #2 | .0595416 | -.007108 | .2333156 | -.047706 | -.001331 | 119.1257 |
| #3 | .0634413 | -.006009 | .2361645 | -.048267 | -.001883 | 119.0306 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9056083 | .0138050 | .0231048 | 27.89944 | .2068798 | .1329944 |
| Stddev | .0040032 | .0001168 | .0002947 | .13512   | .0012653 | .0005086 |
| %RSD   | .4420472 | .8460972 | 1.275533 | .4843113 | .6116199 | .3824166 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9087831 | .0137226 | .0229010 | 27.77824 | .2064793 | .1326632 |
| #2 | .9069307 | .0139386 | .0229707 | 28.04513 | .2082969 | .1327400 |
| #3 | .9011113 | .0137537 | .0234427 | 27.87495 | .2058632 | .1335800 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5465331 | 197.0305 | 7.135071 | 58.90496 | .2767561 | -.001793 |
| Stddev | .0026484 | .8920    | .026454  | .19632   | .0007680 | .000304  |
| %RSD   | .4845787 | .4526993 | .3707650 | .3332768 | .2775014 | 16.95794 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5450695 | 197.5364 | 7.133063 | 58.73313 | .2761057 | -.001792 |
| #2 | .5449394 | 197.5545 | 7.162472 | 59.11892 | .2765592 | -.001489 |
| #3 | .5495902 | 196.0006 | 7.109677 | 58.86283 | .2776034 | -.002098 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.152323 | .3212569 | .9439072 | 23.19963 | .1361191 | .0019947 |
| Stddev | .056232  | .0014582 | .0059072 | .18662   | .0011555 | .0002641 |
| %RSD   | 1.091390 | .4539170 | .6258196 | .8044071 | .8488947 | 13.24199 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.214307 | .3206317 | .9481639 | 23.39446 | .1369741 | .0019826 |
| #2 | 5.138078 | .3202154 | .9463947 | 23.18196 | .1365786 | .0022647 |
| #3 | 5.104583 | .3229235 | .9371632 | 23.02248 | .1348045 | .0017368 |

Sample Name: P4833-01      Acquired: 11/15/2024 15:40:10      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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       | .0036635 | 4.219607 | F 16.69417 | 9.983032 | .2079234 | .2178074 |
| Stddev    | .0007701 | .012560  | .06196     | .092502  | .0011298 | .0009372 |
| %RSD      | 21.02011 | .2976526 | .3711732   | .9265953 | .5433874 | .4302843 |
| #1        | .0027896 | 4.226228 | 16.74821   | 9.930306 | .2076363 | .2188680 |
| #2        | .0042425 | 4.227470 | 16.70776   | 9.928948 | .2091691 | .2174634 |
| #3        | .0039585 | 4.205121 | 16.62654   | 10.08984 | .2069648 | .2170908 |
| Elem      | Sr4077   |          |            |          |          |          |
| Units     | ppm      |          |            |          |          |          |
| Avg       | -.003557 |          |            |          |          |          |
| Stddev    | .000332  |          |            |          |          |          |
| %RSD      | 9.332148 |          |            |          |          |          |
| #1        | -.003331 |          |            |          |          |          |
| #2        | -.003938 |          |            |          |          |          |
| #3        | -.003402 |          |            |          |          |          |
| Int. Std. | Y_2243   | Y_3600   | Y_3710     | Y_2243   | In2306   |          |
| Units     | Cts/S    | Cts/S    | Cts/S      | Cts/S    | Cts/S    |          |
| Avg       | 3002.816 | 71198.24 | 17010.84   | 2119.857 | 3893.555 |          |
| Stddev    | 3.234    | 582.07   | 75.54      | 19.703   | 4.142    |          |
| %RSD      | .1077064 | .8175369 | .4440569   | .9294610 | .1063765 |          |
| #1        | 3003.324 | 70590.14 | 16948.40   | 2100.259 | 3896.897 |          |
| #2        | 2999.357 | 71254.34 | 16989.31   | 2119.648 | 3894.848 |          |
| #3        | 3005.766 | 71750.22 | 17094.80   | 2139.664 | 3888.921 |          |



Sample Name: P4833-05      Acquired: 11/15/2024 15:44:17      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0505147 | .0026323 | .1076184 | -.050966 | .0010056 | 61.70814 |
| Stddev | .0010319 | .0008772 | .0008675 | .002444  | .0015469 | .33836   |
| %RSD   | 2.042728 | 33.32399 | .8061293 | 4.794684 | 153.8209 | .5483243 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0500429 | .0035854 | .1083412 | -.052341 | -.000102 | 61.56855 |
| #2 | .0516981 | .0018589 | .1078578 | -.052412 | .000346  | 62.09397 |
| #3 | .0498030 | .0024524 | .1066563 | -.048145 | .002773  | 61.46191 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.621340 | .0065673 | .0175843 | 65.41867 | .1257224 | .0996411 |
| Stddev | .013312  | .0000598 | .0002179 | .25939   | .0003370 | .0004578 |
| %RSD   | .5078138 | .9108082 | 1.238967 | .3965143 | .2680567 | .4594870 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.615569 | .0064983 | .0178358 | 65.22209 | .1253552 | .0995428 |
| #2 | 2.636563 | .0066050 | .0174563 | 65.71267 | .1260176 | .1001401 |
| #3 | 2.611888 | .0065984 | .0174607 | 65.32125 | .1257945 | .0992404 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2605131 | 195.4580 | 19.44222 | 37.82354 | .1994951 | -.001645 |
| Stddev | .0012844 | .7690    | .09373   | .09641   | .0005889 | .000345  |
| %RSD   | .4930317 | .3934518 | .4821204 | .2548870 | .2951923 | 20.98373 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2607989 | 195.0906 | 19.41482 | 37.84342 | .1997682 | -.001873 |
| #2 | .2616306 | 194.9415 | 19.54660 | 37.90847 | .1998980 | -.001815 |
| #3 | .2591099 | 196.3418 | 19.36524 | 37.71875 | .1988193 | -.001248 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.474732 | .1852817 | .5003006 | 10.70053 | .1096647 | .0466459 |
| Stddev | .010973  | .0000595 | .0031788 | .02124   | .0020573 | .0002928 |
| %RSD   | .2004299 | .0320876 | .6353724 | .1984841 | 1.876022 | .6276472 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.463910 | .1853226 | .4967125 | 10.69251 | .1089561 | .0469822 |
| #2 | 5.474436 | .1853090 | .5027646 | 10.68446 | .1080553 | .0464478 |
| #3 | 5.485850 | .1852135 | .5014247 | 10.72461 | .1119827 | .0465079 |

Sample Name: P4833-05      Acquired: 11/15/2024 15:44:17      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.000253 | 1.977573 | F 17.26455 | 7.280568 | .9595351 | .1336504 |
| Stddev | .000600  | .009087  | .07470     | .019719  | .0050720 | .0004457 |
| %RSD   | 237.1321 | .4595237 | .4326516   | .2708462 | .5285892 | .3334854 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000735 | 1.971880 | 17.20844 | 7.299649 | .9586805 | .1333674 |
| #2 | -.000443 | 1.988053 | 17.23588 | 7.281789 | .9549447 | .1341642 |
| #3 | .000419  | 1.972786 | 17.34934 | 7.260267 | .9649802 | .1334195 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1082549 |
| Stddev | .0021133 |
| %RSD   | 1.952186 |

|    |          |
|----|----------|
| #1 | .1081600 |
| #2 | .1104141 |
| #3 | .1061906 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2714.544 | 65191.53 | 15523.29 | 1900.556 | 3944.014 |
| Stddev    | 4.243    | 77.92    | 115.24   | 5.876    | 1.070    |
| %RSD      | .1562963 | .1195301 | .7423828 | .3091532 | .0271236 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2719.428 | 65106.09 | 15507.00 | 1900.993 | 3944.700 |
| #2 | 2711.772 | 65209.81 | 15417.06 | 1894.474 | 3942.782 |
| #3 | 2712.432 | 65258.70 | 15645.81 | 1906.201 | 3944.561 |

Sample Name: P4833-05DUP      Acquired: 11/15/2024 15:48:32      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0525674 | .0005732 | .1117235 | -.049190 | -.000078 | 63.20799 |
| Stddev | .0021154 | .0025078 | .0010109 | .001392  | .001872  | .13376   |
| %RSD   | 4.024122 | 437.4753 | .9047842 | 2.829516 | 2415.408 | .2116252 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0505684 | .0033814 | .1117787 | -.049635 | -.001853 | 63.07649 |
| #2 | .0523511 | -.001443 | .1127057 | -.050304 | -.000258 | 63.20356 |
| #3 | .0547826 | -.000219 | .1106862 | -.047629 | .001879  | 63.34391 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.670087 | .0066266 | .0184569 | 65.89302 | .1290839 | .1024435 |
| Stddev | .005050  | .0001235 | .0000790 | .33802   | .0001376 | .0002553 |
| %RSD   | .1891446 | 1.863277 | .4279846 | .5129900 | .1065880 | .2491774 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.664520 | .0067516 | .0184016 | 65.80592 | .1292110 | .1021568 |
| #2 | 2.674375 | .0065047 | .0185474 | 65.60707 | .1289378 | .1026461 |
| #3 | 2.671365 | .0066236 | .0184218 | 66.26607 | .1291027 | .1025275 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2696744 | 202.4519 | 19.60212 | 38.40177 | .2063152 | -.001582 |
| Stddev | .0006074 | 1.2383   | .14136   | .20202   | .0003499 | .000060  |
| %RSD   | .2252219 | .6116597 | .7211615 | .5260637 | .1695929 | 3.797124 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2696515 | 201.2139 | 19.47397 | 38.31356 | .2062071 | -.001562 |
| #2 | .2702929 | 202.4514 | 19.57863 | 38.25886 | .2060320 | -.001650 |
| #3 | .2690788 | 203.6905 | 19.75375 | 38.63289 | .2067063 | -.001535 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.633513 | .1889527 | .4961953 | 11.21373 | .1177260 | .0492540 |
| Stddev | .030538  | .0020191 | .0012901 | .06663   | .0013865 | .0001010 |
| %RSD   | .5420764 | 1.068578 | .2600029 | .5941489 | 1.177762 | .2050875 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.598368 | .1873615 | .4967492 | 11.13757 | .1162581 | .0492766 |
| #2 | 5.653569 | .1882727 | .4971159 | 11.26122 | .1179063 | .0493419 |
| #3 | 5.648602 | .1912241 | .4947207 | 11.24240 | .1190136 | .0491436 |

Sample Name: P4833-05DUP      Acquired: 11/15/2024 15:48:32      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0006003 | 2.014895 | F 18.03150 | 7.508827 | .9990355 | .1366766 |
| Stddev | .0006670 | .005262  | .07243     | .024870  | .0009633 | .0007786 |
| %RSD   | 111.1228 | .2611348 | .4017029   | .3312115 | .0964268 | .5696805 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0006388 | 2.013469 | 17.94800 | 7.537308 | .9993525 | .1364572 |
| #2 | .0012472 | 2.010493 | 18.07739 | 7.497771 | .9979536 | .1375414 |
| #3 | -.000085 | 2.020723 | 18.06912 | 7.491402 | .9998004 | .1360312 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1065361 |
| Stddev | .0008701 |
| %RSD   | .8167072 |

|    |          |
|----|----------|
| #1 | .1071932 |
| #2 | .1068658 |
| #3 | .1055494 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2618.436 | 62819.04 | 15283.87 | 1825.903 | 3805.581 |
| Stddev    | 11.455   | 39.02    | 38.69    | 7.889    | 12.367   |
| %RSD      | .4374746 | .0621074 | .2531386 | .4320454 | .3249661 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2631.590 | 62860.60 | 15245.43 | 1834.784 | 3819.827 |
| #2 | 2610.656 | 62783.19 | 15322.80 | 1823.216 | 3797.606 |
| #3 | 2613.062 | 62813.34 | 15283.38 | 1819.708 | 3799.309 |

Sample Name: P4833-05LX5      Acquired: 11/15/2024 15:52:46      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0095205 | -.001566 | .0232100 | -.012008 | -.000801 | 13.88497 | .5818636 |
| Stddev | .0032270 | .001964  | .0004542 | .001224  | .001124  | .02344   | .0023256 |
| %RSD   | 33.89523 | 125.4673 | 1.956820 | 10.19571 | 140.4106 | .1687934 | .3996774 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0091443 | -.000958 | .0226875 | -.012778 | -.000267 | 13.86529 | .5844072 |
| #2 | .0064981 | .000023  | .0234320 | -.012651 | -.002092 | 13.87872 | .5813377 |
| #3 | .0129192 | -.003762 | .0235104 | -.010597 | -.000043 | 13.91090 | .5798461 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016442 | .0024612 | 15.11384 | .0292654 | .0208623 | .0631215 | 45.25347 |
| Stddev | .0000988 | .0000562 | .10956   | .0002635 | .0000351 | .0003222 | .10603   |
| %RSD   | 6.011247 | 2.285630 | .7248943 | .9002781 | .1683532 | .5103605 | .2342917 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015974 | .0024917 | 14.98818 | .0289623 | .0208953 | .0634797 | 45.21919 |
| #2 | .0017577 | .0024956 | 15.16403 | .0293949 | .0208661 | .0630291 | 45.16883 |
| #3 | .0015774 | .0023963 | 15.18932 | .0294392 | .0208254 | .0628556 | 45.37240 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.584635 | 8.643585 | .0425505 | -.000817 | .8888557 | .0427054 | .1123262 |
| Stddev | .009382  | .078886  | .0003496 | .000242  | .0054530 | .0019194 | .0002375 |
| %RSD   | .2046329 | .9126566 | .8215636 | 29.57274 | .6134894 | 4.494502 | .2114776 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.574470 | 8.558212 | .0427789 | -.000542 | .8928968 | .0420576 | .1122547 |
| #2 | 4.592960 | 8.658766 | .0427244 | -.000997 | .8826533 | .0448648 | .1121325 |
| #3 | 4.586477 | 8.713778 | .0421480 | -.000911 | .8910170 | .0411937 | .1125912 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.283251 | .0247891 | .0105193 | .0008574 | .4540960 | 3.858752 | 1.527846 |
| Stddev | .016468  | .0005588 | .0001953 | .0004736 | .0012305 | .011437  | .003072  |
| %RSD   | .7212518 | 2.254046 | 1.856956 | 55.24108 | .2709690 | .2963903 | .2010513 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.298238 | .0254114 | .0106865 | .0007009 | .4547733 | 3.853360 | 1.530342 |
| #2 | 2.265622 | .0243306 | .0105668 | .0013895 | .4548390 | 3.851008 | 1.524416 |
| #3 | 2.285893 | .0246252 | .0103046 | .0004819 | .4526757 | 3.871888 | 1.528782 |

Sample Name: P4833-05LX5      Acquired: 11/15/2024 15:52:46      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .2000900 | .0277481 | .0230620 |
| Stddev | .0035782 | .0002719 | .0002294 |
| %RSD   | 1.788318 | .9799214 | .9948878 |
| #1     | .2030365 | .0278871 | .0232349 |
| #2     | .1961083 | .0279223 | .0231494 |
| #3     | .2011253 | .0274347 | .0228017 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2604.142 | 60893.64 | 14136.35 | 1815.968 | 4251.237 |
| Stddev    | 1.144    | 170.28   | 8.43     | 9.198    | 4.767    |
| %RSD      | .0439404 | .2796420 | .0596383 | .5065236 | .1121365 |
| #1        | 2603.266 | 60707.09 | 14139.74 | 1805.650 | 4246.337 |
| #2        | 2603.724 | 61040.72 | 14126.75 | 1823.309 | 4251.514 |
| #3        | 2605.437 | 60933.12 | 14142.55 | 1818.946 | 4255.859 |

Sample Name: P4833-05MS      Acquired: 11/15/2024 15:57:01      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .7738774 | 1.730210 | 1.022858 | 1.563786 | .5525283 | 69.20040 |
| Stddev | .0049628 | .003989  | .002988  | .003207  | .0016064 | .44817   |
| %RSD   | .6412893 | .2305485 | .2921142 | .2050502 | .2907445 | .6476354 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7749859 | 1.728542 | 1.022921 | 1.560562 | .5509251 | 69.71788 |
| #2 | .7684541 | 1.727325 | 1.019839 | 1.563820 | .5541380 | 68.94482 |
| #3 | .7781922 | 1.734762 | 1.025814 | 1.566975 | .5525219 | 68.93849 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.626257 | .1818712 | .2098019 | 71.50514 | .4845956 | .3062082 |
| Stddev | .023127  | .0012931 | .0002015 | .41354   | .0024027 | .0004524 |
| %RSD   | .8806174 | .7109899 | .0960328 | .5783340 | .4958080 | .1477302 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.652887 | .1833642 | .2100114 | 71.98213 | .4843050 | .3064557 |
| #2 | 2.614675 | .1811352 | .2097849 | 71.24726 | .4823515 | .3056861 |
| #3 | 2.611208 | .1811141 | .2096095 | 71.28604 | .4871304 | .3064829 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5313713 | 230.2668 | 13.08317 | 42.31620 | .6916516 | .0637203 |
| Stddev | .0003124 | .9017    | .07828   | .32932   | .0010918 | .0004422 |
| %RSD   | .0587877 | .3916015 | .5983631 | .7782419 | .1578541 | .6939793 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5312666 | 229.9326 | 13.17291 | 42.67794 | .6910530 | .0641320 |
| #2 | .5317226 | 229.5798 | 13.02891 | 42.03378 | .6909900 | .0632529 |
| #3 | .5311248 | 231.2879 | 13.04770 | 42.23689 | .6929118 | .0637761 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.327652 | .4672832 | .7611204 | 19.03535 | .3602265 | .3942658 |
| Stddev | .038715  | .0032965 | .0047793 | .04077   | .0016917 | .0004991 |
| %RSD   | .4648932 | .7054516 | .6279335 | .2141693 | .4696261 | .1265931 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 8.370369 | .4710783 | .7658441 | 19.03894 | .3594107 | .3947855 |
| #2 | 8.317704 | .4656399 | .7562873 | 18.99290 | .3590973 | .3937902 |
| #3 | 8.294881 | .4651314 | .7612298 | 19.07420 | .3621715 | .3942216 |

Sample Name: P4833-05MS      Acquired: 11/15/2024 15:57:01      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .6575841 | 2.016850 | F 20.94754 | F 14.29463 | 1.071983 | .3305843 |
| Stddev | .0014274 | .012253  | .07911     | .02398     | .006744  | .0022585 |
| %RSD   | .2170708 | .6075369 | .3776661   | .1677581   | .6290826 | .6831771 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6567248 | 2.030998 | 20.89414 | 14.32223 | 1.068268 | .3331875 |
| #2 | .6567956 | 2.009650 | 20.91005 | 14.28286 | 1.067915 | .3294188 |
| #3 | .6592318 | 2.009902 | 21.03842 | 14.27882 | 1.079768 | .3291468 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .3117810 |
| Stddev | .0051551 |
| %RSD   | 1.653453 |

|    |          |
|----|----------|
| #1 | .3176499 |
| #2 | .3097087 |
| #3 | .3079845 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2774.174 | 66330.38 | 15464.19 | 1953.900 | 3973.719 |
| Stddev    | 4.967    | 323.17   | 166.65   | 23.589   | 9.147    |
| %RSD      | .1790482 | .4872147 | 1.077644 | 1.207269 | .2301883 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2779.856 | 65971.06 | 15272.91 | 1930.176 | 3983.956 |
| #2 | 2772.014 | 66597.25 | 15541.67 | 1977.351 | 3966.350 |
| #3 | 2770.653 | 66422.83 | 15577.99 | 1954.174 | 3970.849 |



Sample Name: P4833-05MSD      Acquired: 11/15/2024 16:00:59      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .7661245 | 1.718207 | 1.018941 | 1.550552 | .5533334 | 68.75372 |
| Stddev | .0019378 | .008855  | .001709  | .001528  | .0016858 | .42992   |
| %RSD   | .2529344 | .5153722 | .1676989 | .0985516 | .3046594 | .6253109 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7683331 | 1.720989 | 1.020718 | 1.550801 | .5552097 | 68.27662 |
| #2 | .7653307 | 1.708294 | 1.017310 | 1.551940 | .5528441 | 69.11109 |
| #3 | .7647096 | 1.725336 | 1.018796 | 1.548915 | .5519464 | 68.87345 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.620814 | .1809211 | .2088398 | 70.47680 | .4855256 | .3048420 |
| Stddev | .013875  | .0017258 | .0005036 | .56945   | .0041294 | .0008042 |
| %RSD   | .5294269 | .9538754 | .2411392 | .8080031 | .8505040 | .2638078 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.606926 | .1790260 | .2089264 | 69.87326 | .4902837 | .3056457 |
| #2 | 2.634676 | .1824021 | .2082985 | 71.00458 | .4828766 | .3040373 |
| #3 | 2.620841 | .1813353 | .2092945 | 70.55256 | .4834166 | .3048432 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5305150 | 229.3399 | 13.01060 | 42.09213 | .6874953 | .0633766 |
| Stddev | .0008264 | 2.2407   | .09563   | .23256   | .0009397 | .0003197 |
| %RSD   | .1557736 | .9770097 | .7350061 | .5525117 | .1366810 | .5043817 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5297617 | 231.8025 | 12.91894 | 41.85064 | .6885792 | .0637185 |
| #2 | .5313989 | 228.7960 | 13.10976 | 42.31459 | .6869951 | .0630851 |
| #3 | .5303843 | 227.4213 | 13.00309 | 42.11116 | .6869115 | .0633263 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.200785 | .4638531 | .7403371 | 18.96083 | .3588540 | .4034563 |
| Stddev | .132354  | .0033950 | .0111235 | .19436   | .0019456 | .0004843 |
| %RSD   | 1.613917 | .7319207 | 1.502494 | 1.025071 | .5421599 | .1200457 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 8.353103 | .4602127 | .7530982 | 19.18243 | .3611003 | .4040155 |
| #2 | 8.135452 | .4669331 | .7352202 | 18.88080 | .3577592 | .4031698 |
| #3 | 8.113802 | .4644135 | .7326928 | 18.81926 | .3577025 | .4031835 |

Sample Name: P4833-05MSD      Acquired: 11/15/2024 16:00:59      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .6538196 | 2.005826 | F 20.88808 | F 14.12073 | 1.031229 | .3291247 |
| Stddev | .0024517 | .013264  | .20201     | .04602     | .002182  | .0019320 |
| %RSD   | .3749768 | .6612566 | .9671184   | .3259318   | .2116286 | .5870245 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6562723 | 1.993236 | 21.12135 | 14.15212 | 1.033239 | .3275416 |
| #2 | .6513690 | 2.019674 | 20.77131 | 14.06789 | 1.028908 | .3312775 |
| #3 | .6538175 | 2.004568 | 20.77160 | 14.14217 | 1.031539 | .3285548 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3100490 |
| Stddev | .0048601 |
| %RSD   | 1.567511 |

|    |          |
|----|----------|
| #1 | .3044838 |
| #2 | .3134575 |
| #3 | .3122056 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2770.957 | 66651.49 | 15547.06 | 1952.430 | 3984.766 |
| Stddev    | 7.782    | 1028.65  | 45.80    | 51.071   | 6.122    |
| %RSD      | .2808591 | 1.543320 | .2946144 | 2.615765 | .1536366 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2770.020 | 65466.08 | 15564.48 | 1893.870 | 3978.787 |
| #2 | 2763.685 | 67179.33 | 15495.10 | 1975.689 | 3984.487 |
| #3 | 2779.165 | 67309.07 | 15581.59 | 1987.732 | 3991.022 |

Sample Name: P4833-05A      Acquired: 11/15/2024 16:04:58      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .7878957 | 1.737065 | 1.046234 | 1.612955 | .5739350 | 70.67421 |
| Stddev | .0057798 | .017188  | .004079  | .004177  | .0010165 | .24388   |
| %RSD   | .7335761 | .9894906 | .3899102 | .2589588 | .1771156 | .3450773 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7836327 | 1.717496 | 1.046786 | 1.610101 | .5745133 | 70.47380 |
| #2 | .7855801 | 1.749718 | 1.041906 | 1.611014 | .5727613 | 70.60310 |
| #3 | .7944742 | 1.743980 | 1.050009 | 1.617749 | .5745305 | 70.94575 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.650903 | .1832073 | .2152044 | 71.28928 | .4996546 | .3138718 |
| Stddev | .008932  | .0018258 | .0006637 | .73511   | .0006620 | .0009498 |
| %RSD   | .3369601 | .9965780 | .3083982 | 1.031160 | .1324977 | .3025942 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.641435 | .1819331 | .2157362 | 70.61670 | .4997190 | .3148344 |
| #2 | 2.652093 | .1823898 | .2144606 | 71.17711 | .4989627 | .3129355 |
| #3 | 2.659181 | .1852990 | .2154165 | 72.07402 | .5002820 | .3138455 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5460682 | 236.3832 | 13.13595 | 42.92706 | .7082856 | .0653150 |
| Stddev | .0031125 | 1.3772   | .13521   | .49825   | .0019294 | .0004124 |
| %RSD   | .5699836 | .5826060 | 1.029281 | 1.160681 | .2724082 | .6313254 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5492697 | 234.7945 | 13.01602 | 42.41973 | .7101209 | .0648460 |
| #2 | .5430530 | 237.2394 | 13.10934 | 42.94577 | .7062741 | .0656207 |
| #3 | .5458819 | 237.1155 | 13.28248 | 43.41569 | .7084616 | .0654784 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.401626 | .4758766 | .7356304 | 19.65453 | .3697886 | .4187522 |
| Stddev | .046147  | .0032014 | .0056197 | .12135   | .0022394 | .0017499 |
| %RSD   | .5492644 | .6727445 | .7639224 | .6174154 | .6055911 | .4178763 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 8.424208 | .4729161 | .7343828 | 19.63344 | .3673694 | .4195445 |
| #2 | 8.432133 | .4754395 | .7417690 | 19.78505 | .3717892 | .4167463 |
| #3 | 8.348536 | .4792741 | .7307394 | 19.54512 | .3702070 | .4199657 |

Sample Name: P4833-05A      Acquired: 11/15/2024 16:04:58      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .6685084 | 2.039926 | F 21.82772 | F 14.40480 | 1.056511 | .3362670 |
| Stddev | .0034924 | .011352  | .06228     | .03629     | .003334  | .0006377 |
| %RSD   | .5224126 | .5565031 | .2853442   | .2519191   | .3155360 | .1896358 |
| #1     | .6700525 | 2.030837 | 21.76795   | 14.41291   | 1.055720 | .3369169 |
| #2     | .6645102 | 2.036291 | 21.89225   | 14.36514   | 1.053643 | .3362418 |
| #3     | .6709626 | 2.052651 | 21.82297   | 14.43635   | 1.060169 | .3356422 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3119820 |
| Stddev | .0015149 |
| %RSD   | .4855697 |
| #1     | .3109122 |
| #2     | .3113183 |
| #3     | .3137154 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2678.653 | 64303.55 | 15321.31 | 1863.847 | 3863.032 |
| Stddev    | 3.468    | 388.62   | 36.65    | 26.340   | 4.356    |
| %RSD      | .1294722 | .6043472 | .2392278 | 1.413206 | .1127570 |
| #1        | 2680.306 | 64173.49 | 15359.35 | 1858.167 | 3861.149 |
| #2        | 2680.984 | 63996.64 | 15318.35 | 1840.810 | 3868.012 |
| #3        | 2674.667 | 64740.51 | 15286.22 | 1892.563 | 3859.934 |

Sample Name: PB164970BL      Acquired: 11/15/2024 16:08:56      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.000471 | .0010011 | .0001918 | -.000353 | -.000219 | .0055605 | -.002254 |
| Stddev | .001228  | .0008912 | .0004564 | .002714  | .000627  | .0044217 | .000329  |
| %RSD   | 260.5729 | 89.02322 | 237.9120 | 769.3399 | 286.8474 | 79.52044 | 14.58096 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001142 | .0015614 | .0002516 | .001374  | -.000101 | .0086749 | -.001944 |
| #2 | .000946  | -.000027 | .0006155 | -.003481 | -.000896 | .0004994 | -.002220 |
| #3 | -.001217 | .001469  | -.000291 | .001049  | .000341  | .0075071 | -.002598 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000322 | .0000305 | .0205726 | -.000267 | -.000011 | -.000281 | .0072428 |
| Stddev | .0000704 | .0000074 | .0055555 | .000158  | .000038  | .000279  | .0034518 |
| %RSD   | 218.7762 | 24.20271 | 27.00444 | 59.38148 | 357.3541 | 99.45683 | 47.65850 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000952 | .0000225 | .0162901 | -.000099 | .000009  | -.000481 | .0049397 |
| #2 | .0000452 | .0000370 | .0268501 | -.000286 | .000013  | -.000401 | .0112116 |
| #3 | -.000044 | .0000319 | .0185776 | -.000414 | -.000055 | .000038  | .0055771 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003334 | -.003368 | -.000253 | -.000223 | -.358218 | .0010615 | .0011637 |
| Stddev | .0000532 | .015589  | .000223  | .000199  | .017061  | .0007912 | .0003061 |
| %RSD   | 15.96729 | 462.9273 | 88.06550 | 89.08568 | 4.762647 | 74.53572 | 26.30206 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002872 | -.012844 | -.000162 | -.000335 | -.376225 | .0005255 | .0008797 |
| #2 | .0003916 | .014625  | -.000507 | -.000340 | -.356134 | .0019703 | .0014879 |
| #3 | .0003213 | -.011884 | -.000090 | .000006  | -.342295 | .0006888 | .0011235 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.098783 | .0009288 | -.000286 | .0032130 | .0005600 | .0079226 | .0017038 |
| Stddev | .012536  | .0000927 | .000204  | .0001232 | .0001818 | .0052661 | .0012646 |
| %RSD   | 12.69010 | 9.975280 | 71.09668 | 3.834206 | 32.46794 | 66.46917 | 74.22507 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.109905 | .0008414 | -.000334 | .0032609 | .0003523 | .0083821 | .0012056 |
| #2 | -.085199 | .0009190 | -.000462 | .0030730 | .0006906 | .0129438 | .0007641 |
| #3 | -.101244 | .0010260 | -.000063 | .0033049 | .0006370 | .0024418 | .0031417 |

Sample Name: PB164970BL      Acquired: 11/15/2024 16:08:56      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.000698 | -.001143 | -.000066 |
| Stddev | .001092  | .000654  | .000018  |
| %RSD   | 156.4575 | 57.17737 | 27.43552 |
| #1     | -.001037 | -.001763 | -.000046 |
| #2     | -.001580 | -.001208 | -.000070 |
| #3     | .000523  | -.000460 | -.000081 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2546.310 | 60595.11 | 13988.26 | 1793.856 | 4483.408 |
| Stddev    | 9.308    | 46.70    | 40.01    | 2.019    | 10.581   |
| %RSD      | .3655370 | .0770698 | .2860386 | .1125467 | .2360049 |
| #1        | 2545.110 | 60561.39 | 13965.26 | 1796.147 | 4483.375 |
| #2        | 2537.660 | 60648.41 | 13965.05 | 1792.340 | 4472.843 |
| #3        | 2556.159 | 60575.53 | 14034.46 | 1793.079 | 4494.005 |

Sample Name: PB164970BS      Acquired: 11/15/2024 16:13:17      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .8173513 | 1.962174 | 1.013367 | 2.017359 | .8010171 | 2.068499 |
| Stddev | .0027765 | .004978  | .002123  | .005251  | .0000798 | .007094  |
| %RSD   | .3396943 | .2537151 | .2095453 | .2602722 | .0099585 | .3429582 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8165618 | 1.967901 | 1.011398 | 2.023327 | .8010185 | 2.075189 |
| #2 | .8150550 | 1.959741 | 1.013085 | 2.015301 | .8009366 | 2.069247 |
| #3 | .8204370 | 1.958880 | 1.015617 | 2.013450 | .8010961 | 2.061060 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2037850 | .2162424 | .1982288 | 1.078588 | .4254459 | .2020955 |
| Stddev | .0007300 | .0003944 | .0004138 | .008765  | .0004676 | .0006024 |
| %RSD   | .3581990 | .1823953 | .2087345 | .8125934 | .1099097 | .2980709 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2033703 | .2166295 | .1977928 | 1.088703 | .4255190 | .2022675 |
| #2 | .2046278 | .2158410 | .1982777 | 1.073797 | .4258727 | .2014259 |
| #3 | .2033569 | .2162568 | .1986160 | 1.073262 | .4249461 | .2025932 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3202705 | 2.965591 | .2081411 | 2.071879 | .5069190 | .0777481 |
| Stddev | .0005021 | .010581  | .0010367 | .012570  | .0009141 | .0001347 |
| %RSD   | .1567743 | .3567988 | .4980681 | .6066835 | .1803138 | .1733052 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3204527 | 2.957580 | .2071365 | 2.060812 | .5066479 | .0776025 |
| #2 | .3197027 | 2.977586 | .2080797 | 2.069280 | .5061712 | .0778684 |
| #3 | .3206560 | 2.961607 | .2092071 | 2.085545 | .5079380 | .0777735 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.497410 | .3180964 | .2205772 | 9.653557 | .3128784 | .4292744 |
| Stddev | .018194  | .0017840 | .0009968 | .004802  | .0003587 | .0000555 |
| %RSD   | .7285119 | .5608517 | .4518933 | .0497384 | .1146405 | .0129252 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.476431 | .3183207 | .2197681 | 9.648178 | .3128863 | .4293216 |
| #2 | 2.506920 | .3162109 | .2202729 | 9.657411 | .3125159 | .4292883 |
| #3 | 2.508877 | .3197578 | .2216907 | 9.655081 | .3132331 | .4292133 |

Sample Name: PB164970BS      Acquired: 11/15/2024 16:13:17      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .7101807 | .2049567 | F .7309476 | 5.694173 | F -.013742 | .2117751 |
| Stddev | .0011413 | .0004260 | .0033965   | .012044  | .001232    | .0006741 |
| %RSD   | .1607085 | .2078430 | .4646760   | .2115214 | 8.962618   | .3183102 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7110906 | .2044648 | .7331698 | 5.687979 | -.014476 | .2121909 |
| #2 | .7105513 | .2052037 | .7326353 | 5.686485 | -.012320 | .2121371 |
| #3 | .7089001 | .2052016 | .7270378 | 5.708053 | -.014429 | .2109974 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2100182 |
| Stddev | .0004430 |
| %RSD   | .2109396 |

|    |          |
|----|----------|
| #1 | .2100844 |
| #2 | .2104244 |
| #3 | .2095458 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2586.401 | 60623.77 | 13592.00 | 1827.203 | 4431.592 |
| Stddev    | 2.177    | 157.84   | 20.43    | 9.508    | 4.369    |
| %RSD      | .0841706 | .2603596 | .1503265 | .5203581 | .0985846 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2586.416 | 60795.88 | 13604.63 | 1837.990 | 4434.929 |
| #2 | 2588.570 | 60485.79 | 13568.43 | 1820.040 | 4433.199 |
| #3 | 2584.217 | 60589.63 | 13602.95 | 1823.578 | 4426.647 |



Sample Name: CCV05      Acquired: 11/15/2024 16:17:17      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.112809 | 4.902521 | 5.138077 | 5.166980 | 5.129439 | 10.44258 | 10.23909 |
| Stddev | .006878  | .031499  | .015049  | .020143  | .019496  | .03940   | .10609   |
| %RSD   | .1345295 | .6425111 | .2929008 | .3898481 | .3800794 | .3772678 | 1.036095 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.105715 | 4.925443 | 5.129345 | 5.158594 | 5.116625 | 10.48689 | 10.31072 |
| #2 | 5.119449 | 4.915518 | 5.155454 | 5.189962 | 5.151875 | 10.42935 | 10.28934 |
| #3 | 5.113264 | 4.866604 | 5.129431 | 5.152385 | 5.119816 | 10.41150 | 10.11722 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2650053 | 2.552379 | 25.95492 | 1.047915 | 2.549769 | 1.294075 | 4.991857 |
| Stddev | .0016407 | .003412  | .08186   | .002385  | .004145  | .006136  | .012762  |
| %RSD   | .6191336 | .1336959 | .3153802 | .2275746 | .1625511 | .4741858 | .2556647 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2664744 | 2.549159 | 26.04001 | 1.048186 | 2.547163 | 1.287937 | 4.983577 |
| #2 | .2653068 | 2.555956 | 25.87673 | 1.050153 | 2.554548 | 1.300209 | 4.985440 |
| #3 | .2632348 | 2.552021 | 25.94803 | 1.045406 | 2.547596 | 1.294078 | 5.006555 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.541982 | 26.06354 | 2.553085 | 1.289769 | 24.89309 | 2.628105 | 2.657946 |
| Stddev | .007986  | .08100   | .005838  | .001097  | .09916   | .011451  | .007518  |
| %RSD   | .3141514 | .3107699 | .2286762 | .0850817 | .3983473 | .4357318 | .2828412 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.549461 | 26.05504 | 2.547743 | 1.288507 | 24.98720 | 2.640884 | 2.650188 |
| #2 | 2.533572 | 25.98713 | 2.559317 | 1.290499 | 24.78955 | 2.618772 | 2.658452 |
| #3 | 2.542913 | 26.14845 | 2.552194 | 1.290301 | 24.90253 | 2.624660 | 2.665198 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.89872 | 5.247831 | 5.263923 | 5.178367 | 5.096896 | 5.084613 | 5.142493 |
| Stddev | .07982   | .024390  | .018543  | .008606  | .022713  | .043842  | .030521  |
| %RSD   | .3205873 | .4647686 | .3522591 | .1661950 | .4456160 | .8622522 | .5934992 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.89197 | 5.272988 | 5.251645 | 5.169001 | 5.123093 | 5.038145 | 5.155273 |
| #2 | 24.82249 | 5.246219 | 5.285253 | 5.185926 | 5.082721 | 5.090450 | 5.164546 |
| #3 | 24.98170 | 5.224287 | 5.254871 | 5.180175 | 5.084875 | 5.125244 | 5.107660 |

Sample Name: CCV05      Acquired: 11/15/2024 16:17:17      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.001790 | 5.069133 | 5.141781 |
| Stddev | .006114  | .025259  | .033741  |
| %RSD   | .1222418 | .4982864 | .6562200 |
| #1     | 4.996735 | 5.097964 | 5.176819 |
| #2     | 5.008586 | 5.058538 | 5.139018 |
| #3     | 5.000049 | 5.050898 | 5.109506 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2524.994 | 59618.93 | 13699.64 | 1787.596 | 4094.215 |
| Stddev    | 9.346    | 123.47   | 46.50    | 8.583    | 11.957   |
| %RSD      | .3701232 | .2070915 | .3394614 | .4801595 | .2920544 |
| #1        | 2530.965 | 59702.28 | 13646.25 | 1791.390 | 4097.682 |
| #2        | 2514.223 | 59677.43 | 13721.36 | 1793.629 | 4080.907 |
| #3        | 2529.792 | 59477.09 | 13731.30 | 1777.770 | 4104.056 |

Sample Name: CCB05      Acquired: 11/15/2024 16:21:28      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000169 | .0006021 | .0011421 | -.001672 | -.000309 | .0027616 | -.000908 |
| Stddev | .001063  | .0007914 | .0003600 | .001528  | .000362  | .0071286 | .000217  |
| %RSD   | 628.4944 | 131.4411 | 31.51953 | 91.39707 | 117.0648 | 258.1290 | 23.92898 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000343 | .0012688 | .0008068 | .000058  | -.000616 | .0102665 | -.000774 |
| #2 | .000970  | .0008100 | .0015225 | -.002837 | -.000402 | -.003919 | -.001159 |
| #3 | -.001134 | -.000273 | .0010971 | -.002238 | .000090  | .001937  | -.000791 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000361 | .0000226 | -.001135 | -.000166 | -.000048 | -.000784 | -.002355 |
| Stddev | .0000378 | .0000439 | .003372  | .000102  | .000184  | .000153  | .001840  |
| %RSD   | 104.7158 | 193.6693 | 297.0535 | 61.61835 | 381.9605 | 19.50833 | 78.10231 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000003 | .0000473 | -.004115 | -.000133 | .000141  | -.000805 | -.003684 |
| #2 | .000073  | -.000028 | -.001816 | -.000281 | -.000228 | -.000622 | -.000256 |
| #3 | .000038  | .000049  | .002525  | -.000084 | -.000058 | -.000926 | -.003126 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000222 | -.004329 | -.000294 | -.000224 | -.402500 | .0002119 | .0003489 |
| Stddev | .000150  | .005724  | .000129  | .000160  | .017121  | .0015701 | .0001578 |
| %RSD   | 67.31465 | 132.2243 | 43.81226 | 71.65913 | 4.253737 | 740.8253 | 45.24740 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000114 | -.003698 | -.000440 | -.000377 | -.419675 | -.001521 | .0002527 |
| #2 | -.000393 | -.010342 | -.000195 | -.000057 | -.402392 | .001539  | .0005311 |
| #3 | -.000160 | .001053  | -.000247 | -.000237 | -.385433 | .000618  | .0002628 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.115044 | .0060236 | .0001838 | -.004091 | .0002160 | .0077342 | .0017227 |
| Stddev | .023425  | .0004582 | .0001873 | .000184  | .0005216 | .0049784 | .0003163 |
| %RSD   | 20.36149 | 7.607221 | 101.8991 | 4.485820 | 241.4787 | 64.36812 | 18.36280 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.138645 | .0065490 | .0003931 | -.003960 | -.000249 | .0129691 | .0014677 |
| #2 | -.091800 | .0058151 | .0000320 | -.004301 | .000780  | .0030597 | .0020767 |
| #3 | -.114687 | .0057066 | .0001263 | -.004013 | .000117  | .0071740 | .0016236 |

Sample Name: CCB05      Acquired: 11/15/2024 16:21:28      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002952 | -.001061 | .0000196 |
| Stddev | .002308  | .000119  | .0000061 |
| %RSD   | 78.17436 | 11.17236 | 31.05885 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.003192 | -.000934 | .0000266 |
| #2 | -.000534 | -.001169 | .0000159 |
| #3 | -.005131 | -.001081 | .0000163 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2618.800 | 62507.67 | 14002.80 | 1881.235 | 4587.087 |
| Stddev    | 11.220   | 114.58   | 45.27    | 7.969    | 15.748   |
| %RSD      | .4284514 | .1833119 | .3232629 | .4235836 | .3433097 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2629.344 | 62402.40 | 13956.84 | 1889.103 | 4602.843 |
| #2 | 2620.050 | 62629.72 | 14047.33 | 1881.431 | 4587.069 |
| #3 | 2607.008 | 62490.90 | 14004.24 | 1873.170 | 4571.348 |

Sample Name: P4821-04      Acquired: 11/15/2024 16:25:49      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.008118 | -.010107 | -.000969 | .0034119 | .0012023 | .0501525 | .2620794 |
| Stddev | .002968  | .001075  | .001072  | .0014518 | .0014100 | .0034640 | .0008150 |
| %RSD   | 36.55547 | 10.63229 | 110.6764 | 42.55008 | 117.2757 | 6.906977 | .3109543 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.010634 | -.010615 | .000121  | .0039707 | .0001040 | .0511240 | .2619407 |
| #2 | -.004845 | -.010833 | -.001005 | .0045013 | .0007106 | .0530270 | .2629548 |
| #3 | -.008876 | -.008872 | -.002022 | .0017638 | .0027923 | .0463064 | .2613428 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000327 | .0002585 | 11.59484 | .0014073 | .0114386 | .0614597 | .1863817 |
| Stddev | .0000164 | .0000167 | .01072   | .0001374 | .0001884 | .0004070 | .0001992 |
| %RSD   | 50.33880 | 6.467550 | .0924260 | 9.760605 | 1.647218 | .6621602 | .1068979 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000186 | .0002643 | 11.59147 | .0012503 | .0113183 | .0618320 | .1865015 |
| #2 | .0000507 | .0002396 | 11.60684 | .0015054 | .0113417 | .0610252 | .1861517 |
| #3 | .0000287 | .0002715 | 11.58621 | .0014661 | .0116557 | .0615219 | .1864918 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.962325 | 2.976246 | .0080038 | -.000311 | 353.7015 | -.000683 | .0692341 |
| Stddev | .011337  | .020090  | .0001903 | .000165  | .4442    | .000392  | .0004226 |
| %RSD   | .2861164 | .6750227 | 2.377232 | 53.13465 | .1255885 | 57.37894 | .6104407 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.960361 | 2.975214 | .0080927 | -.000471 | 353.6638 | -.000257 | .0687468 |
| #2 | 3.974515 | 2.996833 | .0081333 | -.000141 | 353.2773 | -.000764 | .0695007 |
| #3 | 3.952098 | 2.956692 | .0077853 | -.000321 | 354.1633 | -.001027 | .0694547 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2973309 | .0265904 | .0005053 | -.001680 | .0004695 | .6703146 | .0258094 |
| Stddev | .0181594 | .0003961 | .0002900 | .000255  | .0000810 | .0052493 | .0006417 |
| %RSD   | 6.107463 | 1.489461 | 57.39043 | 15.20162 | 17.24953 | .7831044 | 2.486237 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2977631 | .0264050 | .0005342 | -.001506 | .0003883 | .6643128 | .0261462 |
| #2 | .3152702 | .0270451 | .0002019 | -.001973 | .0004698 | .6740497 | .0262125 |
| #3 | .2789592 | .0263210 | .0007798 | -.001561 | .0005503 | .6725812 | .0250694 |

Sample Name: P4821-04      Acquired: 11/15/2024 16:25:49      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .3548342 | -.002902 | .0384960 |
| Stddev | .0060432 | .000042  | .0000352 |
| %RSD   | 1.703097 | 1.440346 | .0914737 |
| #1     | .3585989 | -.002947 | .0384616 |
| #2     | .3580401 | -.002865 | .0385320 |
| #3     | .3478636 | -.002894 | .0384944 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2267.434 | 54027.42 | 13827.40 | 1586.498 | 3747.566 |
| Stddev    | 19.348   | 108.49   | 18.32    | 7.259    | 28.589   |
| %RSD      | .8532819 | .2008014 | .1324750 | .4575215 | .7628736 |
| #1        | 2252.658 | 54152.31 | 13823.94 | 1594.368 | 3725.789 |
| #2        | 2289.334 | 53956.53 | 13811.05 | 1585.059 | 3779.941 |
| #3        | 2260.310 | 53973.42 | 13847.20 | 1580.067 | 3736.969 |

Sample Name: P4821-08      Acquired: 11/15/2024 16:30:04      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.005143 | -.009041 | .0045505 | .0026960 | .0011531 | .2733524 | .4626946 |
| Stddev | .002963  | .001773  | .0009225 | .0020810 | .0010874 | .0047679 | .0014456 |
| %RSD   | 57.61575 | 19.61159 | 20.27295 | 77.18730 | 94.30601 | 1.744225 | .3124289 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.006794 | -.011071 | .0035966 | .0004581 | .0001370 | .2685031 | .4640369 |
| #2 | -.001722 | -.008253 | .0046167 | .0045728 | .0010222 | .2735197 | .4611642 |
| #3 | -.006913 | -.007798 | .0054381 | .0030572 | .0023000 | .2780344 | .4628827 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001954 | .0005615 | 17.20230 | .0042493 | .0069882 | .0168125 | .9406654 |
| Stddev | .0000394 | .0000452 | .08866   | .0001285 | .0001766 | .0002647 | .0083827 |
| %RSD   | 20.16089 | 8.052435 | .5154243 | 3.022735 | 2.527062 | 1.574630 | .8911462 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001585 | .0006053 | 17.10021 | .0042227 | .0068804 | .0165735 | .9503388 |
| #2 | .0002369 | .0005641 | 17.26000 | .0043890 | .0071920 | .0167670 | .9361278 |
| #3 | .0001909 | .0005150 | 17.24669 | .0041362 | .0068922 | .0170971 | .9355297 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.279994 | 2.286396 | .0094143 | -.000299 | 392.2384 | .0011221 | .0692665 |
| Stddev | .012322  | .005055  | .0002184 | .000144  | 2.2673   | .0001996 | .0004817 |
| %RSD   | .2879067 | .2210826 | 2.320011 | 48.17264 | .5780361 | 17.79096 | .6953990 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.265867 | 2.284748 | .0093614 | -.000171 | 394.0680 | .0013418 | .0696837 |
| #2 | 4.288533 | 2.282372 | .0092272 | -.000455 | 389.7019 | .0010725 | .0693763 |
| #3 | 4.285580 | 2.292070 | .0096543 | -.000270 | 392.9453 | .0009519 | .0687394 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.241923 | .0252927 | .0004257 | -.002620 | .0114914 | .9552896 | .0169585 |
| Stddev | .020162  | .0001825 | .0001005 | .000340  | .0003192 | .0086376 | .0010473 |
| %RSD   | 1.623480 | .7216088 | 23.60144 | 12.99483 | 2.777499 | .9041857 | 6.175845 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.264395 | .0253889 | .0005050 | -.002272 | .0117077 | .9590056 | .0163211 |
| #2 | 1.225416 | .0254069 | .0004593 | -.002952 | .0116417 | .9614473 | .0181672 |
| #3 | 1.235958 | .0250822 | .0003127 | -.002636 | .0111248 | .9454159 | .0163871 |

Sample Name: P4821-08      Acquired: 11/15/2024 16:30:04      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .3635767 | -.003326 | .0546304 |
| Stddev | .0062131 | .000161  | .0000992 |
| %RSD   | 1.708888 | 4.849755 | .1815246 |
| #1     | .3707153 | -.003162 | .0547449 |
| #2     | .3593887 | -.003331 | .0545760 |
| #3     | .3606260 | -.003485 | .0545704 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2268.977 | 54238.88 | 13743.34 | 1590.983 | 3703.329 |
| Stddev    | 8.279    | 230.83   | 28.33    | 14.944   | 9.919    |
| %RSD      | .3648870 | .4255804 | .2061218 | .9393066 | .2678388 |
| #1        | 2262.635 | 53975.39 | 13769.65 | 1573.743 | 3697.723 |
| #2        | 2265.953 | 54405.43 | 13747.03 | 1600.255 | 3697.482 |
| #3        | 2278.343 | 54335.82 | 13713.35 | 1598.951 | 3714.781 |



Sample Name: P4823-04      Acquired: 11/15/2024 16:34:32      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.005259 | -.006834 | .0009703 | .0039131 | .0008682 | -.005121 | .1544415 |
| Stddev | .000946  | .002603  | .0015514 | .0009268 | .0010506 | .007072  | .0006400 |
| %RSD   | 17.98764 | 38.08478 | 159.8855 | 23.68480 | 121.0177 | 138.0971 | .4143860 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004271 | -.005250 | .0027284 | .0033164 | -.000031 | .002639  | .1547563 |
| #2 | -.006156 | -.009838 | -.000206 | .0049809 | .000613  | -.011203 | .1537051 |
| #3 | -.005351 | -.005415 | .000389  | .0034421 | .002023  | -.006798 | .1548631 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000049 | .0002118 | 73.74178 | .0001132 | -.000044 | .0082517 | .0150575 |
| Stddev | .000056  | .0000254 | .18968   | .0001428 | .000133  | .0003302 | .0025489 |
| %RSD   | 114.1162 | 11.99100 | .2572272 | 126.1688 | 298.9579 | 4.001486 | 16.92765 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000054 | .0002154 | 73.82712 | .0000660 | -.000144 | .0078737 | .0124366 |
| #2 | .000009  | .0001848 | 73.52441 | -.000000 | .000106  | .0083972 | .0152081 |
| #3 | -.000102 | .0002352 | 73.87380 | .000274  | -.000095 | .0084841 | .0175277 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2363608 | 3.370101 | .0026972 | -.000500 | 384.7071 | -.000283 | .0457063 |
| Stddev | .0011240 | .012841  | .0003427 | .000195  | 4.0547   | .000481  | .0004521 |
| %RSD   | .4755374 | .3810246 | 12.70384 | 39.09406 | 1.053958 | 169.8618 | .9890462 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2376314 | 3.357630 | .0023923 | -.000716 | 389.0653 | .000118  | .0462253 |
| #2 | .2354963 | 3.369391 | .0026312 | -.000448 | 384.0092 | -.000817 | .0453986 |
| #3 | .2359546 | 3.383282 | .0030680 | -.000336 | 381.0466 | -.000151 | .0454951 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.535822 | .0238082 | .0009257 | -.004622 | -.000442 | .6760805 | .0405729 |
| Stddev | .009417  | .0003259 | .0001579 | .000791  | .000680  | .0060220 | .0049873 |
| %RSD   | .6131652 | 1.368724 | 17.05476 | 17.12035 | 153.8507 | .8907252 | 12.29220 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.543623 | .0235357 | .0007648 | -.004204 | .000338  | .6779827 | .0401600 |
| #2 | 1.538482 | .0241691 | .0010804 | -.004128 | -.000757 | .6693370 | .0358049 |
| #3 | 1.525361 | .0237196 | .0009318 | -.005535 | -.000907 | .6809217 | .0457538 |

Sample Name: P4823-04      Acquired: 11/15/2024 16:34:32      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .5766414 | -.011829 | .1621625 |
| Stddev | .0117433 | .000143  | .0007390 |
| %RSD   | 2.036503 | 1.208448 | .4557425 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5805062 | -.011710 | .1627299 |
| #2 | .5859652 | -.011791 | .1613268 |
| #3 | .5634527 | -.011988 | .1624309 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2294.767 | 54056.73 | 13543.35 | 1601.135 | 3713.510 |
| Stddev    | 8.594    | 217.47   | 43.16    | 20.549   | 16.176   |
| %RSD      | .3744945 | .4023008 | .3186531 | 1.283393 | .4355902 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2285.316 | 53932.67 | 13507.27 | 1580.670 | 3696.807 |
| #2 | 2296.874 | 53929.68 | 13591.16 | 1600.968 | 3714.622 |
| #3 | 2302.112 | 54307.84 | 13531.61 | 1621.767 | 3729.101 |

Sample Name: P4833-04      Acquired: 11/15/2024 16:38:59      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.003937 | -.008485 | .1078889 | .0037821 | -.000030 | .0454873 | .2122163 |
| Stddev | .000643  | .001023  | .0006545 | .0023920 | .000645  | .0015166 | .0006780 |
| %RSD   | 16.34556 | 12.06231 | .6066190 | 63.24409 | 2122.096 | 3.334206 | .3195023 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003556 | -.008380 | .1079834 | .0013399 | .000147  | .0457664 | .2114367 |
| #2 | -.003575 | -.009557 | .1084910 | .0061204 | .000508  | .0468450 | .2125436 |
| #3 | -.004680 | -.007518 | .1071923 | .0038860 | -.000745 | .0438505 | .2126686 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000380 | .0000115 | 8.499593 | .0006184 | -.000578 | .0085268 | .0345803 |
| Stddev | .0000387 | .0000945 | .019821  | .0002191 | .000142  | .0001768 | .0039742 |
| %RSD   | 101.8954 | 820.1091 | .2332000 | 35.42927 | 24.61428 | 2.073543 | 11.49259 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000006 | .0001010 | 8.483882 | .0008688 | -.000741 | .0084522 | .0333463 |
| #2 | .000054  | -.000087 | 8.493036 | .0005248 | -.000510 | .0087287 | .0313695 |
| #3 | .000066  | .000021  | 8.521862 | .0004617 | -.000483 | .0083995 | .0390251 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0300482 | .8686151 | .0018437 | -.000446 | 331.8649 | .0004725 | .0571303 |
| Stddev | .0002170 | .0078904 | .0002179 | .000227  | 2.9409   | .0007870 | .0005850 |
| %RSD   | .7222428 | .9083868 | 11.81548 | 50.99208 | .8861628 | 166.5497 | 1.023937 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0298985 | .8600700 | .0016158 | -.000622 | 333.3469 | -.000410 | .0565795 |
| #2 | .0299490 | .8701504 | .0018657 | -.000526 | 328.4779 | .000727  | .0577443 |
| #3 | .0302971 | .8756251 | .0020498 | -.000189 | 333.7701 | .001101  | .0570672 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.528079 | .0212712 | .0005478 | -.001702 | .0009331 | .4831502 | .0591974 |
| Stddev | .034641  | .0004456 | .0000772 | .001068  | .0004639 | .0048856 | .0016042 |
| %RSD   | 2.266980 | 2.094712 | 14.08710 | 62.72591 | 49.71411 | 1.011198 | 2.709956 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.488112 | .0207725 | .0004868 | -.002856 | .0006544 | .4783119 | .0577111 |
| #2 | 1.546646 | .0216301 | .0006346 | -.001501 | .0006762 | .4880818 | .0608980 |
| #3 | 1.549479 | .0214110 | .0005221 | -.000749 | .0014685 | .4830568 | .0589832 |

Sample Name: P4833-04      Acquired: 11/15/2024 16:38:59      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .2048516 | -.002897 | .0733590 |
| Stddev | .0003706 | .000557  | .0002116 |
| %RSD   | .1808988 | 19.23445 | .2884476 |
| #1     | .2052738 | -.002254 | .0733739 |
| #2     | .2047009 | -.003236 | .0731404 |
| #3     | .2045802 | -.003200 | .0735628 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2387.971 | 57025.96 | 13787.36 | 1709.371 | 3909.267 |
| Stddev    | 12.735   | 351.77   | 43.60    | 12.431   | 14.578   |
| %RSD      | .5332841 | .6168522 | .3161957 | .7272074 | .3729053 |
| #1        | 2400.446 | 56619.79 | 13787.83 | 1698.105 | 3922.015 |
| #2        | 2388.474 | 57226.59 | 13830.71 | 1722.706 | 3912.412 |
| #3        | 2374.992 | 57231.51 | 13743.53 | 1707.301 | 3893.373 |

Sample Name: P4833-08      Acquired: 11/15/2024 16:43:27      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.007026 | -.011511 | .0412957 | .0033776 | .0005494 | .0177706 | .8845054 |
| Stddev | .003002  | .001416  | .0003819 | .0034144 | .0014154 | .0044892 | .0057020 |
| %RSD   | 42.72362 | 12.30470 | .9248619 | 101.0878 | 257.6134 | 25.26194 | .6446525 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.010459 | -.011178 | .0415697 | .0004131 | .0016672 | .0131273 | .8779895 |
| #2 | -.004896 | -.010291 | .0408595 | .0071108 | .0010230 | .0220880 | .8869449 |
| #3 | -.005723 | -.013064 | .0414581 | .0026090 | -.001042 | .0180965 | .8885818 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000292 | .0004591 | 54.73529 | .0014088 | .0074133 | .0065317 | 1.964466 |
| Stddev | .000023  | .0000894 | .22587   | .0001829 | .0002676 | .0005270 | .011119  |
| %RSD   | 7.875041 | 19.47283 | .4126583 | 12.98233 | 3.609950 | 8.068390 | .5660193 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000287 | .0005466 | 54.50283 | .0015912 | .0072787 | .0070279 | 1.965230 |
| #2 | -.000272 | .0003679 | 54.74911 | .0012255 | .0072397 | .0059785 | 1.975184 |
| #3 | -.000317 | .0004627 | 54.95394 | .0014096 | .0077215 | .0065885 | 1.952985 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.164051 | 7.212537 | .0067659 | -.000526 | 397.6547 | .0006442 | .0479466 |
| Stddev | .015008  | .014785  | .0002636 | .000164  | .5870    | .0004144 | .0006508 |
| %RSD   | .2906313 | .2049841 | 3.895688 | 31.24926 | .1476050 | 64.32326 | 1.357412 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.146863 | 7.209778 | .0064873 | -.000394 | 397.7609 | .0002676 | .0475835 |
| #2 | 5.170728 | 7.199327 | .0067990 | -.000711 | 398.1814 | .0010882 | .0475583 |
| #3 | 5.174562 | 7.228507 | .0070113 | -.000475 | 397.0219 | .0005769 | .0486980 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.285761 | .0173826 | .0004676 | -.003806 | -.000525 | 2.005052 | .0069471 |
| Stddev | .017488  | .0008281 | .0002328 | .001094  | .000362  | .002271  | .0025227 |
| %RSD   | 1.360158 | 4.764206 | 49.79016 | 28.73103 | 69.07291 | .1132689 | 36.31332 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.286015 | .0164340 | .0007151 | -.002639 | -.000164 | 2.006115 | .0076713 |
| #2 | 1.303121 | .0179619 | .0004348 | -.004807 | -.000889 | 2.006596 | .0041415 |
| #3 | 1.268147 | .0177517 | .0002529 | -.003973 | -.000522 | 2.002444 | .0090285 |

Sample Name: P4833-08      Acquired: 11/15/2024 16:43:27      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .6407268 | -.010086 | .2579808 |
| Stddev | .0120927 | .000024  | .0015486 |
| %RSD   | 1.887339 | .2390336 | .6002889 |
| #1     | .6414547 | -.010080 | .2564093 |
| #2     | .6282866 | -.010113 | .2580278 |
| #3     | .6524391 | -.010066 | .2595055 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2252.023 | 54349.49 | 13742.93 | 1586.190 | 3658.985 |
| Stddev    | 35.209   | 65.37    | 76.47    | 6.237    | 55.799   |
| %RSD      | 1.563436 | .1202781 | .5564591 | .3932073 | 1.524996 |
| #1        | 2269.814 | 54315.54 | 13815.14 | 1585.958 | 3688.863 |
| #2        | 2274.787 | 54308.07 | 13750.85 | 1592.539 | 3693.484 |
| #3        | 2211.469 | 54424.85 | 13662.81 | 1580.072 | 3594.609 |

Sample Name: P4833-08DUP      Acquired: 11/15/2024 16:47:53      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.005288 | -.010437 | .0404187 | .0033722 | .0004862 | .0129146 | .9107454 |
| Stddev | .001419  | .002052  | .0004789 | .0028508 | .0008632 | .0056264 | .0104633 |
| %RSD   | 26.83896 | 19.66419 | 1.184755 | 84.53827 | 177.5440 | 43.56641 | 1.148869 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.006175 | -.012723 | .0407079 | .0049643 | .0010854 | .0138910 | .9141706 |
| #2 | -.003651 | -.009833 | .0406823 | .0000810 | -.000503 | .0179889 | .9190667 |
| #3 | -.006038 | -.008754 | .0398660 | .0050715 | .000876  | .0068639 | .8989987 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000312 | .0004646 | 55.70122 | .0013558 | .0070794 | .0061371 | 1.980323 |
| Stddev | .000023  | .0000509 | .35858   | .0001332 | .0001145 | .0000856 | .020273  |
| %RSD   | 7.467627 | 10.95927 | .6437623 | 9.820996 | 1.617289 | 1.395245 | 1.023713 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000328 | .0005209 | 55.60104 | .0012969 | .0070980 | .0061156 | 2.002800 |
| #2 | -.000323 | .0004217 | 56.09923 | .0012622 | .0069567 | .0060643 | 1.974748 |
| #3 | -.000285 | .0004513 | 55.40337 | .0015082 | .0071834 | .0062315 | 1.963421 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.271424 | 7.384610 | .0067189 | -.000396 | 405.1567 | .0008170 | .0477814 |
| Stddev | .048495  | .046490  | .0003136 | .000242  | 6.6921   | .0003963 | .0005806 |
| %RSD   | .9199660 | .6295499 | 4.667436 | 61.12800 | 1.651730 | 48.50505 | 1.215059 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.268748 | 7.369188 | .0070461 | -.000643 | 411.7193 | .0008387 | .0483934 |
| #2 | 5.321201 | 7.436851 | .0066895 | -.000387 | 405.4087 | .0004103 | .0477125 |
| #3 | 5.224322 | 7.347791 | .0064210 | -.000159 | 398.3422 | .0012019 | .0472384 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.324603 | .0177159 | .0007089 | -.003874 | -.000659 | 2.030376 | .0097699 |
| Stddev | .017767  | .0001820 | .0001505 | .000464  | .000104  | .015690  | .0036531 |
| %RSD   | 1.341295 | 1.027311 | 21.22752 | 11.97802 | 15.84721 | .7727525 | 37.39136 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.343651 | .0175188 | .0005557 | -.003399 | -.000545 | 2.048487 | .0133821 |
| #2 | 1.321677 | .0178775 | .0008565 | -.003896 | -.000682 | 2.021721 | .0060773 |
| #3 | 1.308480 | .0177515 | .0007145 | -.004326 | -.000750 | 2.020921 | .0098503 |

Sample Name: P4833-08DUP      Acquired: 11/15/2024 16:47:53      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .6142301 | -.009817 | .2655201 |
| Stddev | .0022651 | .000357  | .0027430 |
| %RSD   | .3687734 | 3.635822 | 1.033070 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6167991 | -.009813 | .2663722 |
| #2 | .6133710 | -.010175 | .2677359 |
| #3 | .6125203 | -.009462 | .2624522 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2304.243 | 53876.35 | 13450.72 | 1570.259 | 3743.574 |
| Stddev    | 13.331   | 580.58   | 106.58   | 17.928   | 10.501   |
| %RSD      | .5785206 | 1.077623 | .7924039 | 1.141724 | .2805173 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2291.904 | 53210.37 | 13410.46 | 1549.585 | 3736.557 |
| #2 | 2318.382 | 54142.74 | 13370.13 | 1579.677 | 3755.647 |
| #3 | 2302.444 | 54275.93 | 13571.57 | 1581.516 | 3738.518 |



Sample Name: P4833-08LX5      Acquired: 11/15/2024 16:52:19      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0001787 | -.001288 | .0093130 | -.000447 | -.000306 | .0042344 | .1744947 |
| Stddev | .0047054 | .000612  | .0012133 | .000924  | .000516  | .0034588 | .0013560 |
| %RSD   | 2633.908 | 47.52215 | 13.02756 | 206.9650 | 168.4801 | 81.68304 | .7770898 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0032370 | -.001005 | .0081157 | -.000036 | -.000212 | .0002730 | .1760534 |
| #2 | -.005240 | -.000868 | .0092818 | -.001505 | .000156  | .0057751 | .1735871 |
| #3 | .002539  | -.001990 | .0105416 | .000202  | -.000863 | .0066552 | .1738436 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000022 | .0001222 | 11.21530 | .0002057 | .0014063 | .0012176 | .3735061 |
| Stddev | .000015  | .0000715 | .00722   | .0001179 | .0001520 | .0000752 | .0042584 |
| %RSD   | 69.01767 | 58.48199 | .0643617 | 57.33180 | 10.80899 | 6.174154 | 1.140121 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000016 | .0001075 | 11.21648 | .0001312 | .0014231 | .0011448 | .3767425 |
| #2 | -.000011 | .0001999 | 11.20757 | .0003416 | .0012466 | .0012950 | .3686819 |
| #3 | -.000039 | .0000593 | 11.22186 | .0001441 | .0015493 | .0012130 | .3750939 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.065010 | 1.477476 | .0012648 | -.000292 | 70.04449 | -.000059 | .0082888 |
| Stddev | .005459  | .020409  | .0001095 | .000041  | .98314   | .001361  | .0001731 |
| %RSD   | .5125697 | 1.381372 | 8.655266 | 13.99062 | 1.403591 | 2292.869 | 2.087986 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.071071 | 1.458677 | .0013903 | -.000337 | 71.17882 | -.000662 | .0084743 |
| #2 | 1.060480 | 1.499184 | .0012156 | -.000256 | 69.51647 | .001499  | .0081317 |
| #3 | 1.063479 | 1.474566 | .0011886 | -.000283 | 69.43818 | -.001014 | .0082604 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1990566 | .0040797 | .0001050 | -.000571 | -.000174 | .3732393 | .0017514 |
| Stddev | .0165630 | .0005458 | .0002309 | .000542  | .000536  | .0050160 | .0024392 |
| %RSD   | 8.320748 | 13.37898 | 219.9750 | 94.97189 | 308.0049 | 1.343912 | 139.2712 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1890415 | .0046533 | -.000145 | -.000839 | -.000775 | .3775825 | .0045590 |
| #2 | .1899536 | .0035667 | .000310  | -.000926 | .000256  | .3743862 | .0001526 |
| #3 | .2181746 | .0040192 | .000149  | .000053  | -.000004 | .3677491 | .0005427 |

Sample Name: P4833-08LX5      Acquired: 11/15/2024 16:52:19      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .1218671 | -.002490 | .0513221 |
| Stddev | .0005732 | .000316  | .0005129 |
| %RSD   | .4703783 | 12.69263 | .9992832 |
| #1     | .1212273 | -.002848 | .0519066 |
| #2     | .1223340 | -.002373 | .0511116 |
| #3     | .1220399 | -.002249 | .0509479 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2557.054 | 59904.33 | 14072.85 | 1805.860 | 4232.940 |
| Stddev    | 15.970   | 172.58   | 69.16    | 14.402   | 21.444   |
| %RSD      | .6245632 | .2880852 | .4914609 | .7975088 | .5065996 |
| #1        | 2539.730 | 59705.25 | 14000.18 | 1789.416 | 4210.243 |
| #2        | 2560.240 | 59996.13 | 14080.53 | 1816.230 | 4235.718 |
| #3        | 2571.191 | 60011.59 | 14137.86 | 1811.934 | 4252.860 |

Sample Name: P4833-08MS      Acquired: 11/15/2024 16:56:37      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .7927442 | 1.566494 | .9319949 | 1.893295 | .7691451 | 1.929025 | .8824616 |
| Stddev | .0086352 | .077688  | .0017378 | .012835  | .0070112 | .010214  | .0017504 |
| %RSD   | 1.089277 | 4.959365 | .1864557 | .6779436 | .9115607 | .5295033 | .1983576 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8027103 | 1.651566 | .9311215 | 1.907912 | .7772256 | 1.928387 | .8804502 |
| #2 | .7880316 | 1.548605 | .9308671 | 1.888108 | .7646731 | 1.939544 | .8836397 |
| #3 | .7874906 | 1.499311 | .9339961 | 1.883864 | .7655366 | 1.919145 | .8832949 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1954171 | .1873135 | 44.48535 | .3939653 | .1949137 | .2827660 | 4.338910 |
| Stddev | .0004379 | .0005613 | .18349   | .0023542 | .0003893 | .0014264 | .031993  |
| %RSD   | .2240656 | .2996514 | .4124760 | .5975692 | .1997448 | .5044479 | .7373555 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1952364 | .1879525 | 44.67844 | .3959141 | .1951900 | .2844046 | 4.373881 |
| #2 | .1950985 | .1869001 | 44.46433 | .3913496 | .1944684 | .2818023 | 4.331736 |
| #3 | .1959164 | .1870879 | 44.31327 | .3946324 | .1950827 | .2820910 | 4.311113 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.310131 | 7.619672 | .4743028 | .0738747 | 298.6026 | .2948089 | .2569516 |
| Stddev | .012100  | .033601  | .0014101 | .0002350 | .7316    | .0007467 | .0006480 |
| %RSD   | .2807326 | .4409831 | .2972932 | .3180457 | .2449916 | .2532794 | .2521952 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.323334 | 7.658326 | .4757440 | .0740928 | 298.6983 | .2943107 | .2576939 |
| #2 | 4.307487 | 7.597434 | .4729261 | .0736259 | 299.2816 | .2956674 | .2564986 |
| #3 | 4.299572 | 7.603257 | .4742382 | .0739054 | 297.8279 | .2944485 | .2566623 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.73097 | .2752832 | .4134096 | .6612494 | .1921843 | 2.218707 | 5.900532 |
| Stddev | .02546   | .0012664 | .0025546 | .0019343 | .0004155 | .005529  | .044886  |
| %RSD   | .2372727 | .4600259 | .6179229 | .2925208 | .2162180 | .2491965 | .7607188 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.75119 | .2765477 | .4163588 | .6622514 | .1921222 | 2.225073 | 5.952351 |
| #2 | 10.73934 | .2740149 | .4118828 | .6590197 | .1926274 | 2.215946 | 5.875544 |
| #3 | 10.70238 | .2752870 | .4119873 | .6624771 | .1918033 | 2.215103 | 5.873700 |

Sample Name: P4833-08MS      Acquired: 11/15/2024 16:56:37      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .4807550 | .1880251 | .3948552 |
| Stddev | .0062876 | .0013924 | .0002169 |
| %RSD   | 1.307858 | .7405551 | .0549446 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4816074 | .1865198 | .3947671 |
| #2 | .4865728 | .1882883 | .3946961 |
| #3 | .4740846 | .1892671 | .3951023 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2398.876 | 56843.02 | 13583.46 | 1700.849 | 3872.865 |
| Stddev    | 14.729   | 256.06   | 49.54    | 13.365   | 15.559   |
| %RSD      | .6140114 | .4504605 | .3647254 | .7858034 | .4017534 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2382.570 | 56548.93 | 13526.48 | 1688.360 | 3855.664 |
| #2 | 2402.842 | 56963.61 | 13607.55 | 1699.242 | 3876.975 |
| #3 | 2411.217 | 57016.51 | 13616.35 | 1714.945 | 3885.958 |

Sample Name: P4833-08MSD      Acquired: 11/15/2024 17:00:45      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .7998454 | 1.625051 | .9372714 | 1.932638 | .7819127 | 1.919095 | .8832969 |
| Stddev | .0010908 | .013244  | .0007810 | .007437  | .0046109 | .012944  | .0016894 |
| %RSD   | .1363719 | .8149916 | .0833227 | .3848328 | .5896929 | .6744726 | .1912630 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7986367 | 1.614278 | .9364222 | 1.925996 | .7806784 | 1.912189 | .8838748 |
| #2 | .8007564 | 1.621036 | .9374333 | 1.931245 | .7780446 | 1.934027 | .8846214 |
| #3 | .8001432 | 1.639837 | .9379587 | 1.940674 | .7870152 | 1.911069 | .8813943 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1926561 | .1887200 | 43.91681 | .3927335 | .1959330 | .2858681 | 4.326670 |
| Stddev | .0006118 | .0004539 | .23933   | .0004650 | .0003751 | .0009732 | .029705  |
| %RSD   | .3175833 | .2405012 | .5449583 | .1183957 | .1914224 | .3404441 | .6865659 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1921059 | .1881994 | 43.78547 | .3921966 | .1956347 | .2849726 | 4.322732 |
| #2 | .1933150 | .1889277 | 44.19305 | .3930018 | .1963541 | .2857280 | 4.358149 |
| #3 | .1925473 | .1890329 | 43.77191 | .3930021 | .1958102 | .2869038 | 4.299131 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.261829 | 7.494368 | .4774957 | .0735678 | 300.1477 | .2938312 | .2558208 |
| Stddev | .016504  | .053404  | .0013043 | .0002542 | 1.0758   | .0013132 | .0022008 |
| %RSD   | .3872457 | .7125929 | .2731574 | .3455340 | .3584170 | .4469093 | .8602975 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.262232 | 7.448658 | .4759990 | .0733546 | 299.8198 | .2953272 | .2580268 |
| #2 | 4.278128 | 7.553069 | .4783895 | .0734996 | 299.2740 | .2928689 | .2558104 |
| #3 | 4.245127 | 7.481375 | .4780986 | .0738491 | 301.3493 | .2932976 | .2536252 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.76429 | .2689998 | .4198600 | .6635238 | .1904689 | 2.214072 | 5.894092 |
| Stddev | .00410   | .0013021 | .0020764 | .0009899 | .0010237 | .008636  | .029307  |
| %RSD   | .0381026 | .4840563 | .4945368 | .1491938 | .5374409 | .3900702 | .4972301 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.76900 | .2681227 | .4180266 | .6630450 | .1899281 | 2.206936 | 5.868901 |
| #2 | 10.76234 | .2704959 | .4194387 | .6646621 | .1916495 | 2.223673 | 5.887118 |
| #3 | 10.76153 | .2683807 | .4221147 | .6628642 | .1898289 | 2.211608 | 5.926257 |

Sample Name: P4833-08MSD      Acquired: 11/15/2024 17:00:45      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .4836672 | .1885542 | .3950980 |
| Stddev | .0042303 | .0005971 | .0009419 |
| %RSD   | .8746272 | .3166807 | .2383856 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4816606 | .1891036 | .3948541 |
| #2 | .4885274 | .1886403 | .3961379 |
| #3 | .4808136 | .1879187 | .3943021 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2366.193 | 57213.06 | 13782.43 | 1694.651 | 3836.262 |
| Stddev    | 17.030   | 152.27   | 34.48    | 14.172   | 16.482   |
| %RSD      | .7197312 | .2661398 | .2501843 | .8362934 | .4296286 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2379.111 | 57039.71 | 13765.38 | 1679.125 | 3848.082 |
| #2 | 2372.576 | 57274.29 | 13759.80 | 1697.935 | 3843.270 |
| #3 | 2346.894 | 57325.17 | 13822.12 | 1706.893 | 3817.434 |

Sample Name: P4833-08A      Acquired: 11/15/2024 17:04:55      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .7968026 | 1.607112 | .9194094 | 1.935628 | .7798221 | 1.944908 | .8865283 |
| Stddev | .0035284 | .011860  | .0043717 | .008745  | .0001753 | .014825  | .0091759 |
| %RSD   | .4428160 | .7379994 | .4754953 | .4517848 | .0224842 | .7622372 | 1.035035 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7931895 | 1.619289 | .9206817 | 1.934479 | .7798905 | 1.960129 | .8963779 |
| #2 | .7969788 | 1.606451 | .9230038 | 1.944890 | .7799529 | 1.944080 | .8849849 |
| #3 | .8002396 | 1.595595 | .9145426 | 1.927514 | .7796228 | 1.930514 | .8782219 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1925164 | .1854350 | 44.31276 | .3947176 | .1934087 | .2820194 | 4.348393 |
| Stddev | .0005911 | .0011885 | .19126   | .0004905 | .0010035 | .0008412 | .007309  |
| %RSD   | .3070434 | .6409188 | .4316038 | .1242637 | .5188556 | .2982633 | .1680787 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1929871 | .1856892 | 44.39556 | .3946810 | .1936759 | .2816121 | 4.343204 |
| #2 | .1927090 | .1864759 | 44.44866 | .3942464 | .1942516 | .2829866 | 4.356751 |
| #3 | .1918530 | .1841401 | 44.09406 | .3952254 | .1922986 | .2814593 | 4.345224 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.281370 | 7.591507 | .4701268 | .0739592 | 304.2495 | .2972159 | .2574041 |
| Stddev | .027083  | .034105  | .0024089 | .0002506 | 1.2747   | .0010161 | .0016492 |
| %RSD   | .6325848 | .4492579 | .5123846 | .3387898 | .4189565 | .3418584 | .6406944 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.304812 | 7.605916 | .4710986 | .0739009 | 302.9708 | .2969911 | .2592820 |
| #2 | 4.287576 | 7.616042 | .4718980 | .0742337 | 304.2577 | .2983255 | .2567388 |
| #3 | 4.251722 | 7.552561 | .4673839 | .0737428 | 305.5200 | .2963310 | .2561915 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.87940 | .2694535 | .4182816 | .6514388 | .1921373 | 2.250920 | 5.765047 |
| Stddev | .06019   | .0014555 | .0016330 | .0016684 | .0024195 | .010062  | .043681  |
| %RSD   | .5532627 | .5401817 | .3904025 | .2561066 | 1.259271 | .4470339 | .7576885 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.94578 | .2709596 | .4181289 | .6532280 | .1945468 | 2.252373 | 5.800344 |
| #2 | 10.86405 | .2693464 | .4199856 | .6511627 | .1921573 | 2.240210 | 5.778601 |
| #3 | 10.82837 | .2680545 | .4167304 | .6499257 | .1897079 | 2.260177 | 5.716196 |

Sample Name: P4833-08A      Acquired: 11/15/2024 17:04:55      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .4736287 | .1897169 | .3976799 |
| Stddev | .0016002 | .0035824 | .0041245 |
| %RSD   | .3378575 | 1.888262 | 1.037135 |
| #1     | .4748942 | .1935907 | .4021209 |
| #2     | .4741619 | .1890363 | .3969492 |
| #3     | .4718300 | .1865236 | .3939696 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2367.878 | 56533.08 | 13693.54 | 1651.317 | 3864.030 |
| Stddev    | 3.602    | 226.71   | 95.83    | 12.722   | 10.588   |
| %RSD      | .1521030 | .4010302 | .6998357 | .7704408 | .2740103 |
| #1        | 2370.248 | 56271.47 | 13594.34 | 1636.687 | 3868.003 |
| #2        | 2363.733 | 56672.31 | 13700.69 | 1659.786 | 3852.031 |
| #3        | 2369.652 | 56655.46 | 13785.60 | 1657.478 | 3872.058 |



Sample Name: CCV06      Acquired: 11/15/2024 17:09:05      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.150010 | 4.801928 | 5.065380 | 5.073454 | 5.025839 | 10.11840 | 9.862519 |
| Stddev | .022052  | .016570  | .009263  | .034267  | .025232  | .01329   | .004169  |
| %RSD   | .4281910 | .3450617 | .1828684 | .6754261 | .5020535 | .1313313 | .0422670 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.175463 | 4.790808 | 5.073319 | 5.112766 | 5.053886 | 10.10390 | 9.864958 |
| #2 | 5.136651 | 4.794004 | 5.055203 | 5.049896 | 5.004983 | 10.13000 | 9.857705 |
| #3 | 5.137917 | 4.820972 | 5.067618 | 5.057702 | 5.018647 | 10.12131 | 9.864893 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2522185 | 2.472166 | 24.76376 | 1.030236 | 2.496673 | 1.277363 | 4.861613 |
| Stddev | .0006499 | .001751  | .00747   | .003523  | .005827  | .004191  | .016851  |
| %RSD   | .2576769 | .0708392 | .0301583 | .3419789 | .2334012 | .3280594 | .3466119 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2515887 | 2.472488 | 24.75719 | 1.027697 | 2.500798 | 1.282081 | 4.842711 |
| #2 | .2528868 | 2.470276 | 24.76221 | 1.034258 | 2.490006 | 1.274071 | 4.867065 |
| #3 | .2521801 | 2.473734 | 24.77188 | 1.028752 | 2.499213 | 1.275938 | 4.875063 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.411288 | 24.95173 | 2.500222 | 1.270285 | 24.26754 | 2.525506 | 2.622747 |
| Stddev | .005578  | .07335   | .005107  | .001924  | .13737   | .010587  | .007129  |
| %RSD   | .2313490 | .2939507 | .2042690 | .1514356 | .5660526 | .4191852 | .2718330 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.406122 | 24.89884 | 2.504126 | 1.268920 | 24.34809 | 2.514309 | 2.627173 |
| #2 | 2.410539 | 24.92089 | 2.494442 | 1.272485 | 24.34561 | 2.526856 | 2.626545 |
| #3 | 2.417203 | 25.03546 | 2.502098 | 1.269451 | 24.10893 | 2.535352 | 2.614522 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.79948 | 4.930052 | 5.152502 | 5.014426 | 4.868550 | 4.928089 | 5.003863 |
| Stddev | .05654   | .007656  | .011005  | .010312  | .003419  | .022333  | .025786  |
| %RSD   | .2279806 | .1552971 | .2135889 | .2056532 | .0702360 | .4531687 | .5153243 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.74019 | 4.924547 | 5.165108 | 5.021157 | 4.865223 | 4.902388 | 5.017554 |
| #2 | 24.85280 | 4.938795 | 5.144811 | 5.002553 | 4.868373 | 4.939118 | 4.974119 |
| #3 | 24.80544 | 4.926814 | 5.147587 | 5.019567 | 4.872055 | 4.942762 | 5.019917 |

Sample Name: CCV06      Acquired: 11/15/2024 17:09:05      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.890454 | 4.911194 | 4.971508 |
| Stddev | .008175  | .009565  | .008442  |
| %RSD   | .1671568 | .1947513 | .1698049 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.898561 | 4.907510 | 4.961763 |
| #2 | 4.882213 | 4.922052 | 4.976581 |
| #3 | 4.890587 | 4.904018 | 4.976181 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2456.024 | 57937.25 | 13753.73 | 1704.653 | 4008.388 |
| Stddev    | 13.359   | 244.42   | 34.35    | 15.723   | 18.468   |
| %RSD      | .5439375 | .4218622 | .2497319 | .9223451 | .4607278 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2441.006 | 57693.19 | 13715.43 | 1687.620 | 3991.289 |
| #2 | 2466.584 | 57936.54 | 13764.00 | 1707.726 | 4027.972 |
| #3 | 2460.482 | 58182.02 | 13781.78 | 1718.612 | 4005.902 |

Sample Name: CCB06      Acquired: 11/15/2024 17:13:15      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000457 | .0013490 | .0004250 | -.000997 | .0017759 | .0022512 | -.000745 |
| Stddev | .001966  | .0001231 | .0002195 | .001664  | .0002833 | .0031363 | .000325  |
| %RSD   | 430.0627 | 9.123667 | 51.65165 | 166.8615 | 15.95460 | 139.3183 | 43.63882 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000229  | .0012077 | .0006708 | -.002915 | .0020299 | .0022811 | -.001120 |
| #2 | .001074  | .0014330 | .0003556 | -.000136 | .0014703 | -.000900 | -.000565 |
| #3 | -.002675 | .0014063 | .0002486 | .000059  | .0018274 | .005372  | -.000550 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000338 | .0000563 | -.012610 | -.000117 | .0000853 | -.000594 | -.003105 |
| Stddev | .0000561 | .0000900 | .005023  | .000377  | .0001715 | .000353  | .001495  |
| %RSD   | 166.2323 | 159.8094 | 39.83076 | 321.5153 | 201.1331 | 59.47265 | 48.14060 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000868 | .0000054 | -.012917 | .000262  | .0002005 | -.000856 | -.002294 |
| #2 | .0000394 | .0000033 | -.017472 | -.000122 | .0001672 | -.000192 | -.004830 |
| #3 | -.000025 | .0001602 | -.007441 | -.000492 | -.000112 | -.000734 | -.002191 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000116 | -.008268 | -.000170 | -.000195 | -.177082 | .0010219 | -.000553 |
| Stddev | .000087  | .007397  | .000182  | .000036  | .021604  | .0005405 | .000211  |
| %RSD   | 74.60809 | 89.46633 | 106.8805 | 18.63280 | 12.20022 | 52.89030 | 38.24291 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000016 | -.006862 | -.000196 | -.000237 | -.197129 | .0011616 | -.000310 |
| #2 | -.000172 | -.001675 | .000023  | -.000175 | -.179918 | .0004253 | -.000651 |
| #3 | -.000161 | -.016268 | -.000338 | -.000173 | -.154200 | .0014789 | -.000697 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.035490 | .0050185 | .0003300 | -.000235 | .0006457 | .0056818 | .0008601 |
| Stddev | .025357  | .0002658 | .0003031 | .000528  | .0005208 | .0016546 | .0020376 |
| %RSD   | 71.44642 | 5.295787 | 91.83806 | 225.2681 | 80.65756 | 29.12164 | 236.8916 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.063012 | .0049817 | .0006616 | -.000791 | .0010145 | .0058571 | .0007165 |
| #2 | -.030384 | .0053008 | .0002613 | .000260  | .0000499 | .0072419 | .0029658 |
| #3 | -.013075 | .0047731 | .0000672 | -.000173 | .0008728 | .0039465 | -.001102 |

Sample Name: CCB06      Acquired: 11/15/2024 17:13:15      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003396 | -.000366 | .0000121 |
| Stddev | .003210  | .000081  | .0000124 |
| %RSD   | 94.54093 | 22.20154 | 102.0050 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000302  | -.000423 | .0000182 |
| #2 | -.005473 | -.000404 | .0000204 |
| #3 | -.005016 | -.000273 | -.000002 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2644.628 | 61099.09 | 13819.57 | 1858.120 | 4630.282 |
| Stddev    | 6.030    | 259.45   | 64.18    | 11.319   | 13.426   |
| %RSD      | .2280029 | .4246339 | .4643889 | .6091602 | .2899541 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2647.648 | 60802.94 | 13746.43 | 1845.826 | 4638.421 |
| #2 | 2637.685 | 61286.33 | 13845.79 | 1860.424 | 4614.786 |
| #3 | 2648.551 | 61208.00 | 13866.48 | 1868.109 | 4637.638 |

Sample Name: PB165002BS      Acquired: 11/15/2024 17:28:35      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .8385895 | 2.234909 | 1.027110 | 2.060515 | .8134114 | 2.093585 |
| Stddev | .0041670 | .020120  | .001997  | .004652  | .0007207 | .011940  |
| %RSD   | .4969071 | .9002459 | .1944257 | .2257837 | .0885973 | .5703194 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8379153 | 2.230467 | 1.029180 | 2.062858 | .8127606 | 2.106933 |
| #2 | .8430525 | 2.217382 | 1.026955 | 2.063530 | .8141859 | 2.089903 |
| #3 | .8348007 | 2.256879 | 1.025195 | 2.055157 | .8132877 | 2.083920 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2047887 | .2156368 | .2016090 | 1.060778 | .4246100 | .2043073 |
| Stddev | .0014591 | .0018824 | .0001950 | .013844  | .0002669 | .0003449 |
| %RSD   | .7125116 | .8729695 | .0967325 | 1.305084 | .0628669 | .1687902 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2063559 | .2172132 | .2013842 | 1.074447 | .4248308 | .2041250 |
| #2 | .2045410 | .2161448 | .2017336 | 1.061122 | .4246859 | .2047050 |
| #3 | .2034693 | .2135525 | .2017091 | 1.046765 | .4243134 | .2040919 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3264022 | 2.974283 | .2082600 | 2.070181 | .5151686 | .0780136 |
| Stddev | .0015917 | .013904  | .0016846 | .044733  | .0009457 | .0001799 |
| %RSD   | .4876521 | .4674581 | .8088963 | 2.160836 | .1835720 | .2305391 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3280743 | 2.960478 | .2097293 | 2.087112 | .5146373 | .0778202 |
| #2 | .3262268 | 2.974088 | .2086293 | 2.103977 | .5162605 | .0781759 |
| #3 | .3249054 | 2.988283 | .2064214 | 2.019453 | .5146080 | .0780445 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 2.535441 | .3203724 | .2223954 | 9.754454 | .3140268 | .4278472 |
| Stddev | .021163    | .0020160 | .0007245 | .031315  | .0032832 | .0012802 |
| %RSD   | .8347020   | .6292647 | .3257596 | .3210280 | 1.045521 | .2992156 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.523852 | .3210094 | .2221536 | 9.765712 | .3167688 | .4285405 |
| #2 | 2.522603 | .3219929 | .2218227 | 9.719067 | .3149232 | .4286311 |
| #3 | 2.559868 | .3181149 | .2232099 | 9.778584 | .3103885 | .4263699 |

Sample Name: PB165002BS      Acquired: 11/15/2024 17:28:35      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .7040260 | .2057429 | F .7320341 | 5.751086 | F -.012800 | .2147252 |
| Stddev | .0014536 | .0019099 | .0026551   | .016812  | .001898    | .0014517 |
| %RSD   | .2064696 | .9282859 | .3627009   | .2923240 | 14.82902   | .6760856 |
| #1     | .7039746 | .2078895 | .7294265   | 5.751860 | -.013600   | .2157613 |
| #2     | .7025988 | .2051078 | .7319416   | 5.767497 | -.010633   | .2153483 |
| #3     | .7055046 | .2042315 | .7347343   | 5.733901 | -.014166   | .2130659 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2126312 |
| Stddev | .0015970 |
| %RSD   | .7510653 |
| #1     | .2141538 |
| #2     | .2127709 |
| #3     | .2109689 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2507.205 | 59824.44 | 13487.22 | 1781.284 | 4284.135 |
| Stddev    | 13.367   | 242.42   | 106.18   | 11.412   | 13.406   |
| %RSD      | .5331385 | .4052257 | .7872329 | .6406774 | .3129141 |
| #1        | 2497.255 | 59628.09 | 13373.28 | 1773.968 | 4275.911 |
| #2        | 2501.961 | 60095.40 | 13504.98 | 1794.434 | 4276.889 |
| #3        | 2522.398 | 59749.83 | 13583.39 | 1775.449 | 4299.604 |

Sample Name: P4837-01DUP      Acquired: 11/15/2024 17:32:35      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0011961 | -.008879 | -.000217 | .0022067 | .0031831 | .0552207 |
| Stddev | .0029859 | .002679  | .000772  | .0007795 | .0003726 | .0042842 |
| %RSD   | 249.6301 | 30.17132 | 355.8631 | 35.32486 | 11.70549 | 7.758317 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001950 | -.008539 | .000600  | .0015061 | .0027983 | .0507539 |
| #2 | .003991  | -.011713 | -.000318 | .0030464 | .0032089 | .0592953 |
| #3 | .001547  | -.006387 | -.000933 | .0020676 | .0035422 | .0556128 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0522607 | -.000149 | -.000161 | 79.79362 | .0057524 | -.000361 |
| Stddev | .0004590 | .000068  | .000042  | .64988   | .0001403 | .000167  |
| %RSD   | .8782188 | 45.86404 | 26.05188 | .8144532 | 2.439285 | 46.32278 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0519824 | -.000116 | -.000122 | 79.36855 | .0058392 | -.000206 |
| #2 | .0520091 | -.000227 | -.000156 | 79.47059 | .0058275 | -.000339 |
| #3 | .0527904 | -.000103 | -.000206 | 80.54173 | .0055905 | -.000538 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0114795 | .1085425 | .0023309 | 18.35736 | .0072252 | -.000387 |
| Stddev | .0003840 | .0038882 | .0001205 | .17838   | .0005204 | .000147  |
| %RSD   | 3.345135 | 3.582178 | 5.169453 | .9716960 | 7.202984 | 37.95332 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0117478 | .1116121 | .0024688 | 18.27472 | .0076541 | -.000537 |
| #2 | .0116510 | .1041702 | .0022785 | 18.23528 | .0073752 | -.000382 |
| #3 | .0110396 | .1098450 | .0022456 | 18.56207 | .0066462 | -.000243 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 129.1055 | .0028722 | .0103855 | 28.00105 | .0510081 | .1906341 |
| Stddev | .7479    | .0002154 | .0002960 | .17384   | .0008544 | .0011522 |
| %RSD   | .5793086 | 7.500654 | 2.849914 | .6208446 | 1.674980 | .6044016 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 129.2646 | .0026441 | .0100632 | 28.08489 | .0500239 | .1912571 |
| #2 | 129.7610 | .0029003 | .0104483 | 28.11707 | .0515586 | .1913408 |
| #3 | 128.2908 | .0030723 | .0106451 | 27.80117 | .0514418 | .1893046 |

Sample Name: P4837-01DUP      Acquired: 11/15/2024 17:32:35      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.004920 | .0020515 | F 11.49183 | .0403395 | F 103.8268 | .0217444 |
| Stddev | .000668  | .0001409 | .02471     | .0008361 | .4812      | .0003247 |
| %RSD   | 13.56813 | 6.868249 | .2150621   | 2.072611 | .4634203   | 1.493225 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.005572 | .0020086 | 11.48738 | .0393845 | 104.0771 | .0221193 |
| #2 | -.004238 | .0022089 | 11.51846 | .0409395 | 104.1312 | .0215493 |
| #3 | -.004949 | .0019370 | 11.46964 | .0406946 | 103.2721 | .0215647 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3237276 |
| Stddev | .0003446 |
| %RSD   | .1064490 |

|    |          |
|----|----------|
| #1 | .3236073 |
| #2 | .3234593 |
| #3 | .3241162 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2409.207 | 57281.49 | 13760.31 | 1704.334 | 3988.848 |
| Stddev    | 6.802    | 183.45   | 68.15    | 7.433    | 14.115   |
| %RSD      | .2823471 | .3202632 | .4952522 | .4361201 | .3538557 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2401.900 | 57171.65 | 13804.79 | 1695.866 | 3975.523 |
| #2 | 2410.368 | 57179.53 | 13794.30 | 1707.356 | 3987.382 |
| #3 | 2415.355 | 57493.27 | 13681.86 | 1709.780 | 4003.638 |



Sample Name: PB164944TB      Acquired: 11/15/2024 17:36:50      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.005212 | -.009475 | -.000196 | .0051058 | -.000137 | .0091870 |
| Stddev | .000637  | .001488  | .000899  | .0018157 | .000630  | .0014640 |
| %RSD   | 12.21732 | 15.70255 | 459.6481 | 35.56148 | 459.1340 | 15.93588 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.005403 | -.010410 | -.000888 | .0060980 | -.000686 | .0078096 |
| #2 | -.005732 | -.007759 | -.000519 | .0030102 | .000551  | .0107245 |
| #3 | -.004502 | -.010255 | .000821  | .0062091 | -.000277 | .0090269 |

| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677     | Co2286   |
|--------|----------|----------|----------|----------|------------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.001115 | -.000142 | -.000158 | .0393698 | F .0140708 | -.000391 |
| Stddev | .000736  | .000026  | .000041  | .0044424 | .0002572   | .000031  |
| %RSD   | 65.99672 | 18.53588 | 26.17224 | 11.28379 | 1.827875   | 7.891930 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001713 | -.000117 | -.000164 | .0438298 | .0138096 | -.000410 |
| #2 | -.000293 | -.000169 | -.000196 | .0349452 | .0140790 | -.000355 |
| #3 | -.001338 | -.000140 | -.000114 | .0393345 | .0143237 | -.000408 |

| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006394 | .0322461 | .0096201 | -.004041 | .0043125 | -.000225 |
| Stddev | .0001546 | .0053607 | .0001075 | .010239  | .0000446 | .000211  |
| %RSD   | 24.18807 | 16.62435 | 1.117267 | 253.3887 | 1.033919 | 93.77633 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0004652 | .0264286 | .0095175 | -.002508 | .0043491 | -.000232 |
| #2 | .0006922 | .0333231 | .0096110 | .005345  | .0042629 | -.000433 |
| #3 | .0007607 | .0369865 | .0097319 | -.014960 | .0043256 | -.000011 |

| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
|--------|------------|----------|----------|----------|----------|----------|
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 382.6560 | .0001854 | .0083686 | -.188544 | -.000071 | .0003995 |
| Stddev | 2.6202     | .0008825 | .0005299 | .005751  | .000274  | .0002772 |
| %RSD   | .6847346   | 475.9379 | 6.331882 | 3.050309 | 384.1418 | 69.39177 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 384.7985 | -.000326 | .0089785 | -.190667 | -.000086 | .0002499 |
| #2 | 379.7348 | .001204  | .0081058 | -.182033 | -.000338 | .0002291 |
| #3 | 383.4348 | -.000322 | .0080215 | -.192932 | .000210  | .0007193 |

Sample Name: PB164944TB      Acquired: 11/15/2024 17:36:50      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.001703 | .0007361 | .0109121 | .0042921 | F .0239330 | -.002507 |
| Stddev | .001214  | .0001815 | .0028371 | .0022101 | .0047460   | .000465  |
| %RSD   | 71.26760 | 24.65559 | 25.99956 | 51.49153 | 19.83035   | 18.54408 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003090 | .0005397 | .0109763 | .0058804 | .0268744 | -.002633 |
| #2 | -.001177 | .0008976 | .0080434 | .0017681 | .0264669 | -.002896 |
| #3 | -.000841 | .0007710 | .0137165 | .0052278 | .0184579 | -.001992 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | -.000046 |
| Stddev | .000031  |
| %RSD   | 68.84506 |

|    |          |
|----|----------|
| #1 | -.000044 |
| #2 | -.000015 |
| #3 | -.000078 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2389.745 | 56798.23 | 13712.56 | 1717.629 | 3879.850 |
| Stddev    | 11.151   | 171.80   | 13.16    | 6.033    | 13.698   |
| %RSD      | .4666079 | .3024777 | .0960013 | .3512327 | .3530673 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2394.860 | 56607.64 | 13712.21 | 1715.781 | 3889.810 |
| #2 | 2376.954 | 56941.19 | 13699.58 | 1724.370 | 3864.228 |
| #3 | 2397.420 | 56845.87 | 13725.90 | 1712.737 | 3885.512 |

Sample Name: PB164973BL      Acquired: 11/15/2024 17:41:19      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0001101 | -.000854 | .0007326 | -.001835 | -.000909 | .0016954 | -.000985 |
| Stddev | .0004671 | .000380  | .0011139 | .000774  | .000707  | .0034339 | .000582  |
| %RSD   | 424.4179 | 44.45012 | 152.0449 | 42.16508 | 77.80261 | 202.5472 | 59.11376 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0006491 | -.000976 | .0014707 | -.002048 | -.000645 | .0028142 | -.001513 |
| #2 | -.000176 | -.000429 | .0012759 | -.002479 | -.001710 | .0044303 | -.000361 |
| #3 | -.000142 | -.001158 | -.000549 | -.000977 | -.000372 | -.002158 | -.001080 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000027 | .0000521 | -.015552 | -.000132 | .0000956 | -.000578 | -.005206 |
| Stddev | .000055  | .0000113 | .003394  | .000192  | .0001078 | .000282  | .002325  |
| %RSD   | 202.2125 | 21.66528 | 21.82140 | 145.7396 | 112.8170 | 48.81739 | 44.65259 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000080 | .0000620 | -.013844 | -.000345 | .0001004 | -.000291 | -.003307 |
| #2 | -.000032 | .0000398 | -.019460 | .000029  | -.000015 | -.000587 | -.007798 |
| #3 | .000030  | .0000545 | -.013351 | -.000080 | .000201  | -.000855 | -.004513 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000213 | -.003598 | -.000049 | -.000445 | -.230793 | .0000329 | -.000963 |
| Stddev | .000088  | .004448  | .000046  | .000265  | .018754  | .0003564 | .000176  |
| %RSD   | 41.33940 | 123.6220 | 92.89972 | 59.49160 | 8.125944 | 1084.471 | 18.30589 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000113 | .000782  | -.000018 | -.000278 | -.251901 | -.000234 | -.000963 |
| #2 | -.000249 | -.003466 | -.000028 | -.000750 | -.224428 | .000438  | -.001139 |
| #3 | -.000278 | -.008111 | -.000102 | -.000307 | -.216049 | -.000106 | -.000787 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.098791 | .0004284 | -.000275 | .0003010 | .0003102 | .0033106 | .0003360 |
| Stddev | .020226  | .0006343 | .000070  | .0002769 | .0001691 | .0036658 | .0011642 |
| %RSD   | 20.47311 | 148.0541 | 25.31994 | 91.99279 | 54.50128 | 110.7272 | 346.5051 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.121674 | .0007346 | -.000284 | .0002447 | .0003464 | -.000921 | .0002591 |
| #2 | -.083305 | .0008515 | -.000340 | .0000566 | .0004582 | .005328  | .0015367 |
| #3 | -.091395 | -.000301 | -.000201 | .0006017 | .0001260 | .005525  | -.000788 |

Sample Name: PB164973BL      Acquired: 11/15/2024 17:41:19      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0006759 | -.000467 | -.000066 |
| Stddev | .0016951 | .000423  | .000005  |
| %RSD   | 250.8105 | 90.65478 | 8.096132 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0004592 | -.000545 | -.000065 |
| #2 | .0024689 | -.000010 | -.000061 |
| #3 | -.000901 | -.000845 | -.000072 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2628.747 | 61192.83 | 13949.43 | 1857.490 | 4617.036 |
| Stddev    | 9.793    | 50.85    | 89.12    | 12.845   | 12.097   |
| %RSD      | .3725256 | .0831044 | .6388574 | .6915284 | .2620029 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2639.950 | 61189.96 | 13851.75 | 1851.362 | 4630.490 |
| #2 | 2624.474 | 61245.06 | 13970.25 | 1872.252 | 4613.558 |
| #3 | 2621.817 | 61143.48 | 14026.30 | 1848.858 | 4607.058 |

Sample Name: PB164973BS      Acquired: 11/15/2024 17:45:41      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .8158426 | 2.303726 | 1.005072 | 2.017100 | .7975869 | 2.049402 |
| Stddev | .0035717 | .018292  | .001762  | .004897  | .0025025 | .013949  |
| %RSD   | .4377887 | .7940109 | .1752634 | .2427785 | .3137618 | .6806140 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8120718 | 2.321301 | 1.003419 | 2.016608 | .7956664 | 2.065328 |
| #2 | .8162813 | 2.284793 | 1.004871 | 2.012468 | .7966772 | 2.043522 |
| #3 | .8191746 | 2.305084 | 1.006925 | 2.022225 | .8004170 | 2.039356 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1990940 | .2128403 | .1971476 | 1.032615 | .4179136 | .2000627 |
| Stddev | .0013393 | .0015638 | .0001570 | .003794  | .0012856 | .0005017 |
| %RSD   | .6726759 | .7347155 | .0796307 | .3673716 | .3076232 | .2507535 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2005956 | .2145185 | .1969745 | 1.031621 | .4177556 | .2002227 |
| #2 | .1986637 | .2125781 | .1971875 | 1.036807 | .4192708 | .1995005 |
| #3 | .1980229 | .2114241 | .1972808 | 1.029418 | .4167142 | .2004648 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3186352 | 2.889691 | .2048504 | 2.023823 | .5035097 | .0761961 |
| Stddev | .0014224 | .021352  | .0006328 | .007085  | .0006830 | .0004740 |
| %RSD   | .4463926 | .7388913 | .3088955 | .3500676 | .1356446 | .6220460 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3175740 | 2.866191 | .2055565 | 2.031259 | .5027589 | .0764389 |
| #2 | .3180803 | 2.907900 | .2046603 | 2.017151 | .5036763 | .0764995 |
| #3 | .3202514 | 2.894981 | .2043345 | 2.023059 | .5040941 | .0756499 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.479147 | .3114929 | .2151062 | 9.411566 | .3096587 | .4241124 |
| Stddev | .008989  | .0032468 | .0010840 | .022976  | .0019042 | .0006192 |
| %RSD   | .3625898 | 1.042330 | .5039441 | .2441244 | .6149175 | .1459907 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.473614 | .3091421 | .2149718 | 9.419660 | .3113429 | .4234990 |
| #2 | 2.474309 | .3151975 | .2162511 | 9.385639 | .3100407 | .4241009 |
| #3 | 2.489520 | .3101391 | .2140956 | 9.429400 | .3075925 | .4247372 |

Sample Name: PB164973BS      Acquired: 11/15/2024 17:45:41      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .6982638 | .2011861 | F .7038465 | 5.654429 | F -.011913 | .2087750 |
| Stddev | .0009106 | .0010284 | .0059917   | .014993  | .000296    | .0012525 |
| %RSD   | .1304065 | .5111657 | .8512759   | .2651636 | 2.485289   | .5999163 |
| #1     | .6987383 | .2022163 | .7060244   | 5.657561 | -.012247   | .2102081 |
| #2     | .6972139 | .2011824 | .6970705   | 5.638116 | -.011810   | .2082271 |
| #3     | .6988390 | .2001595 | .7084446   | 5.667608 | -.011682   | .2078899 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .2069029 |
| Stddev | .0016122 |
| %RSD   | .7791896 |
| #1     | .2087552 |
| #2     | .2061380 |
| #3     | .2058156 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2543.300 | 60694.95 | 13523.33 | 1802.429 | 4361.227 |
| Stddev    | 10.698   | 114.54   | 95.81    | 4.241    | 13.506   |
| %RSD      | .4206237 | .1887196 | .7085006 | .2352727 | .3096914 |
| #1        | 2554.085 | 60596.02 | 13418.78 | 1801.233 | 4373.083 |
| #2        | 2543.123 | 60668.39 | 13544.27 | 1798.914 | 4364.075 |
| #3        | 2532.692 | 60820.44 | 13606.94 | 1807.139 | 4346.524 |

Sample Name: LR1      Acquired: 11/15/2024 17:56:44      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0459778 | .1070273 | -.032977 | -.302720 | -.018335 | 1863.259 | .0197757 |
| Stddev | .0029022 | .0047609 | .010416  | .011065  | .006043  | .682     | .0000198 |
| %RSD   | 6.312070 | 4.448323 | 31.58441 | 3.655035 | 32.95725 | .0366278 | .1000927 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0464108 | .1055913 | -.035925 | -.290137 | -.025041 | 1862.782 | .0197892 |
| #2 | .0428834 | .1123409 | -.041600 | -.307097 | -.016650 | 1864.041 | .0197849 |
| #3 | .0486391 | .1031497 | -.021405 | -.310927 | -.013313 | 1862.955 | .0197529 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0110983 | .1685830 | 1695.995 | -.000666 | .0503670 | .0854582 | 984.7499 |
| Stddev | .0001114 | .0006791 | 6.521    | .000483  | .0008509 | .0066223 | 6.7874   |
| %RSD   | 1.003605 | .4028194 | .3844898 | 72.50639 | 1.689442 | 7.749132 | .6892466 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0111405 | .1678235 | 1697.798 | -.000143 | .0493845 | .0817009 | 987.2418 |
| #2 | .0109719 | .1691317 | 1688.762 | -.000760 | .0508524 | .0931045 | 977.0688 |
| #3 | .0111824 | .1687937 | 1701.424 | -.001095 | .0508641 | .0815691 | 989.9391 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.129923 | 1837.837 | .0151118 | -.040669 | 1957.690 | .0881879 | .2145282 |
| Stddev | .000339  | 9.823    | .0003240 | .000915  | 4.868    | .0021851 | .0016911 |
| %RSD   | .2606286 | .5344948 | 2.144098 | 2.249315 | .2486456 | 2.477750 | .7882788 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.130303 | 1830.272 | .0152996 | -.040295 | 1954.861 | .0867037 | .2125767 |
| #2 | -.129813 | 1834.302 | .0147376 | -.041711 | 1963.311 | .0871629 | .2154442 |
| #3 | -.129653 | 1848.939 | .0152980 | -.040000 | 1954.898 | .0906970 | .2155635 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1423.171 | .3329157 | -.013744 | .0103468 | -.036398 | .1392013 | .0904208 |
| Stddev | 5.113    | .0083915 | .001180  | .0040428 | .000999  | .0083174 | .0074009 |
| %RSD   | .3592655 | 2.520614 | 8.583603 | 39.07318 | 2.744596 | 5.975059 | 8.184977 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1422.784 | .3361011 | -.015058 | .0096775 | -.036790 | .1485996 | .0819962 |
| #2 | 1428.467 | .3233979 | -.013394 | .0146826 | -.035262 | .1327898 | .0958752 |
| #3 | 1418.263 | .3392482 | -.012778 | .0066804 | -.037141 | .1362145 | .0933910 |

Sample Name: LR1      Acquired: 11/15/2024 17:56:44      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.171640 | -.276703 | -.971847 |
| Stddev | .009554  | .001166  | .006784  |
| %RSD   | 5.566494 | .4214024 | .6980371 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.180775 | -.277310 | -.974299 |
| #2 | -.161715 | -.275359 | -.964178 |
| #3 | -.172430 | -.277441 | -.977064 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1592.909 | 39337.03 | 10616.27 | 1131.052 | 2216.003 |
| Stddev    | 2.769    | 133.32   | 18.90    | 5.336    | 1.175    |
| %RSD      | .1738533 | .3389085 | .1780504 | .4717961 | .0530269 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1589.898 | 39455.44 | 10630.74 | 1129.832 | 2217.236 |
| #2 | 1595.347 | 39363.01 | 10623.18 | 1136.892 | 2215.877 |
| #3 | 1593.481 | 39192.63 | 10594.88 | 1126.430 | 2214.896 |



Sample Name: LR2      Acquired: 11/15/2024 18:01:42      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0113486 | -.045921 | 242.3023 | .0036389 | .0012607 | .0578495 | ^F ***** |
| Stddev | .0046321 | .002477  | 1.8088   | .0041239 | .0023494 | .0066053 | ----     |
| %RSD   | 40.81656 | 5.394834 | .7465126 | 113.3280 | 186.3498 | 11.41806 | ----     |

|    |          |          |          |          |          |          |        |
|----|----------|----------|----------|----------|----------|----------|--------|
| #1 | .0151633 | -.043067 | 242.5369 | -.000716 | .0035849 | .0649554 | ^ ---- |
| #2 | .0126881 | -.047171 | 243.9825 | .004149  | .0013103 | .0566965 | ^ ---- |
| #3 | .0061943 | -.047524 | 240.3877 | .007484  | -.001113 | .0518966 | ^ ---- |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003356 | -.006160 | .3490698 | .0106735 | -.016144 | 242.4105 | .0013863 |
| Stddev | .000073  | .000070  | .0112078 | .0003138 | .000451  | 1.5323   | .0013327 |
| %RSD   | 2.181396 | 1.132198 | 3.210752 | 2.939662 | 2.792555 | .6320978 | 96.12813 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003439 | -.006215 | .3584474 | .0110047 | -.015651 | 244.1739 | .0021207 |
| #2 | -.003299 | -.006182 | .3521048 | .0103807 | -.016244 | 241.6534 | -.000152 |
| #3 | -.003332 | -.006081 | .3366570 | .0106352 | -.016536 | 241.4041 | .002190  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 44.49542 | -.103453 | 47.88429 | .0022377 | -.150946 | -.018592 | 37.37646 |
| Stddev | .42892   | .001639  | .35215   | .0002970 | .008522  | .000640  | .34863   |
| %RSD   | .9639679 | 1.584130 | .7354225 | 13.27285 | 5.645555 | 3.443932 | .9327424 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 44.87022 | -.101737 | 47.93109 | .0022592 | -.146410 | -.019044 | 37.74939 |
| #2 | 44.58842 | -.103619 | 48.21070 | .0019306 | -.145651 | -.017860 | 37.32126 |
| #3 | 44.02763 | -.105002 | 47.51108 | .0025234 | -.160776 | -.018874 | 37.05873 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0599729 | .0003168 | -.006030 | -.007069 | -.045155 | .0037202 | 3.569993 |
| Stddev | .0348654 | .0002155 | .000070  | .000585  | .000469  | .0051394 | .040209  |
| %RSD   | 58.13527 | 68.01860 | 1.161686 | 8.279975 | 1.038408 | 138.1493 | 1.126309 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0920828 | .0000690 | -.005951 | -.006461 | -.045692 | .0095443 | 3.574700 |
| #2 | .0649494 | .0004603 | -.006054 | -.007118 | -.044947 | .0017947 | 3.607642 |
| #3 | .0228867 | .0004212 | -.006085 | -.007628 | -.044826 | -.000178 | 3.527638 |

Sample Name: LR2      Acquired: 11/15/2024 18:01:42      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | -.018341 | -.001358 | .0019729 |
| Stddev | .003261  | .000067  | .0000306 |
| %RSD   | 17.78232 | 4.953106 | 1.550983 |
| #1     | -.015387 | -.001434 | .0020061 |
| #2     | -.017795 | -.001306 | .0019668 |
| #3     | -.021841 | -.001335 | .0019459 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2153.610 | 59245.51 | 13670.88 | 1686.010 | 4109.927 |
| Stddev    | 12.951   | 64.13    | 124.19   | 14.585   | 21.780   |
| %RSD      | .6013510 | .1082422 | .9084302 | .8650722 | .5299433 |
| #1        | 2151.182 | 59318.29 | 13534.42 | 1699.237 | 4101.965 |
| #2        | 2142.045 | 59197.30 | 13700.95 | 1688.426 | 4093.249 |
| #3        | 2167.603 | 59220.94 | 13777.28 | 1670.368 | 4134.569 |

Sample Name: CCV07      Acquired: 11/15/2024 18:08:29      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.241659 | 4.659814 | 5.133705 | 5.151497 | 5.130951 | 10.31763 | 10.23262 |
| Stddev | .024019  | .075595  | .019217  | .013386  | .021063  | .03245   | .05535   |
| %RSD   | .4582362 | 1.622276 | .3743233 | .2598465 | .4105144 | .3145060 | .5409235 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.257133 | 4.582786 | 5.155883 | 5.160917 | 5.150247 | 10.34393 | 10.29522 |
| #2 | 5.213988 | 4.662768 | 5.121993 | 5.136175 | 5.108480 | 10.32759 | 10.21247 |
| #3 | 5.253855 | 4.733889 | 5.123240 | 5.157401 | 5.134125 | 10.28137 | 10.19017 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2584942 | 2.502342 | 25.20157 | 1.051356 | 2.530006 | 1.299738 | 4.975922 |
| Stddev | .0021607 | .008648  | .08613   | .006165  | .010136  | .006857  | .039837  |
| %RSD   | .8358587 | .3455823 | .3417712 | .5863441 | .4006460 | .5275387 | .8005905 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2602227 | 2.512325 | 25.10271 | 1.058405 | 2.541663 | 1.307088 | 4.941743 |
| #2 | .2591880 | 2.497523 | 25.26046 | 1.048689 | 2.523262 | 1.293515 | 4.966349 |
| #3 | .2560719 | 2.497176 | 25.24153 | 1.046974 | 2.525094 | 1.298611 | 5.019672 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.462852 | 25.40456 | 2.534332 | 1.298031 | 25.45332 | 2.570896 | 2.627380 |
| Stddev | .008569  | .06766   | .010983  | .006040  | .13231   | .003259  | .013198  |
| %RSD   | .3479185 | .2663452 | .4333862 | .4653316 | .5198227 | .1267548 | .5023088 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.452958 | 25.32946 | 2.547014 | 1.304982 | 25.59574 | 2.573403 | 2.641596 |
| #2 | 2.467751 | 25.46079 | 2.528042 | 1.294055 | 25.33422 | 2.567213 | 2.625024 |
| #3 | 2.467847 | 25.42342 | 2.527939 | 1.295056 | 25.42999 | 2.572073 | 2.615518 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.41796 | 5.057829 | 5.214552 | 5.073666 | 4.973177 | 5.027385 | 4.950175 |
| Stddev | .14529   | .029636  | .015708  | .013377  | .004424  | .028640  | .023671  |
| %RSD   | .5716129 | .5859476 | .3012371 | .2636631 | .0889554 | .5696751 | .4781901 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.42067 | 5.085171 | 5.229210 | 5.087756 | 4.970720 | 5.005010 | 4.961594 |
| #2 | 25.27133 | 5.061978 | 5.197971 | 5.061138 | 4.970526 | 5.017483 | 4.922960 |
| #3 | 25.56188 | 5.026336 | 5.216475 | 5.072106 | 4.978284 | 5.059662 | 4.965973 |

Sample Name: CCV07      Acquired: 11/15/2024 18:08:29      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.920918 | 5.028162 | 5.120166 |
| Stddev | .019893  | .021868  | .046700  |
| %RSD   | .4042625 | .4349121 | .9120745 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.908532 | 5.053071 | 5.164669 |
| #2 | 4.910357 | 5.019296 | 5.124286 |
| #3 | 4.943865 | 5.012120 | 5.071543 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2453.876 | 57650.82 | 13695.38 | 1701.885 | 4007.314 |
| Stddev    | 13.096   | 278.85   | 75.44    | 7.963    | 19.426   |
| %RSD      | .5337004 | .4836852 | .5508378 | .4678709 | .4847552 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2440.346 | 57351.68 | 13618.63 | 1694.247 | 3985.272 |
| #2 | 2466.491 | 57903.55 | 13698.08 | 1710.137 | 4021.936 |
| #3 | 2454.790 | 57697.24 | 13769.43 | 1701.273 | 4014.736 |

Sample Name: CCB07      Acquired: 11/15/2024 18:12:37      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000396 | .0003820 | .0007435 | -.001188 | .0011992 | .0034587 | -.000891 |
| Stddev | .001922  | .0004563 | .0007630 | .001694  | .0006603 | .0014773 | .000308  |
| %RSD   | 485.9224 | 119.4357 | 102.6264 | 142.5137 | 55.06525 | 42.71162 | 34.60820 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001073  | .0006352 | -.000137 | -.002580 | .0015893 | .0040104 | -.001246 |
| #2 | .000312  | .0006556 | .001203  | .000697  | .0004368 | .0017850 | -.000696 |
| #3 | -.002571 | -.000145 | .001165  | -.001683 | .0015715 | .0045808 | -.000730 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000012 | .0000269 | .0011779 | -.000066 | -.000019 | .0003187 | -.004103 |
| Stddev | .000066  | .0000519 | .0048323 | .000274  | .000095  | .0001262 | .000447  |
| %RSD   | 560.9955 | 193.0669 | 410.2512 | 417.1635 | 495.8039 | 39.60290 | 10.88377 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000017  | .0000828 | .0057969 | -.000304 | -.000119 | .0004622 | -.004318 |
| #2 | -.000087 | .0000176 | .0015795 | .000234  | .000069  | .0002253 | -.004402 |
| #3 | .000035  | -.000020 | -.003843 | -.000127 | -.000008 | .0002685 | -.003590 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000097 | -.001482 | -.000137 | -.000104 | -.249001 | .0003171 | .0003852 |
| Stddev | .000065  | .010052  | .000193  | .000093  | .020743  | .0007108 | .0001681 |
| %RSD   | 67.23156 | 678.4535 | 140.9587 | 89.36747 | 8.330575 | 224.1865 | 43.64654 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000139 | .009641  | -.000027 | -.000211 | -.270627 | .0008419 | .0003100 |
| #2 | -.000131 | -.009918 | -.000360 | -.000065 | -.247107 | .0006012 | .0002678 |
| #3 | -.000022 | -.004167 | -.000024 | -.000037 | -.229270 | -.000492 | .0005778 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.105526 | .0051451 | .0001820 | -.003252 | .0001330 | .0105834 | .0017775 |
| Stddev | .014159  | .0003659 | .0003257 | .000399  | .0001775 | .0001675 | .0013348 |
| %RSD   | 13.41784 | 7.110974 | 178.9278 | 12.28258 | 133.4807 | 1.582465 | 75.09266 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.108870 | .0054428 | .0003226 | -.002792 | -.000072 | .0106556 | .0017986 |
| #2 | -.117714 | .0052557 | -.000190 | -.003450 | .000239  | .0103919 | .0031015 |
| #3 | -.089994 | .0047366 | .000414  | -.003513 | .000232  | .0107026 | .0004323 |

Sample Name: CCB07      Acquired: 11/15/2024 18:12:37      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.004627 | -.001057 | .0000395 |
| Stddev | .000399  | .000339  | .0000190 |
| %RSD   | 8.629760 | 32.08453 | 47.95015 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.004482 | -.000694 | .0000321 |
| #2 | -.005079 | -.001112 | .0000255 |
| #3 | -.004321 | -.001365 | .0000611 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2658.738 | 62249.15 | 13891.56 | 1871.088 | 4654.128 |
| Stddev    | 17.200   | 18.14    | 25.31    | 7.441    | 24.266   |
| %RSD      | .6469288 | .0291473 | .1821927 | .3976713 | .5213785 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2647.903 | 62235.43 | 13876.15 | 1862.507 | 4641.266 |
| #2 | 2649.740 | 62269.72 | 13920.77 | 1875.753 | 4639.001 |
| #3 | 2678.570 | 62242.30 | 13877.77 | 1875.005 | 4682.117 |

Sample Name: P4813-04      Acquired: 11/15/2024 18:16:58      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .0656502 | .3189669 | .0047352 | .4551590 | .0006701 | -.077431 |
| Stddev | .0047903 | .0020051 | .0011891 | .0013424 | .0012711 | .004594  |
| %RSD   | 7.296618 | .6286244 | 25.11123 | .2949198 | 189.6791 | 5.932681 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0703846 | .3193155 | .0039217 | .4555821 | .0018996 | -.075796 |
| #2 | .0657601 | .3168104 | .0041840 | .4562388 | -.000639 | -.082619 |
| #3 | .0608060 | .3207748 | .0060998 | .4536560 | .000750  | -.073879 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0165967 | -.004971 | -.002757 | 2.772512 | .0006596 | -.008849 |
| Stddev | .0001330 | .000244  | .000031  | .010358  | .0003958 | .000156  |
| %RSD   | .8011321 | 4.916287 | 1.124267 | .3736076 | 60.00338 | 1.762986 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0164618 | -.005242 | -.002791 | 2.771856 | .0007819 | -.009012 |
| #2 | .0166008 | -.004902 | -.002748 | 2.762498 | .0009799 | -.008834 |
| #3 | .0167276 | -.004768 | -.002731 | 2.783184 | .0002171 | -.008701 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0735347 | -.038733 | .6652086 | .6199125 | -.020493 | -.002259 |
| Stddev | .0006905 | .004989  | .0013509 | .0226397 | .000128  | .000262  |
| %RSD   | .9390570 | 12.88097 | .2030746 | 3.652082 | .6256488 | 11.60516 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0742695 | -.033127 | .6664822 | .5957947 | -.020556 | -.002300 |
| #2 | .0728992 | -.040390 | .6637918 | .6232363 | -.020345 | -.002498 |
| #3 | .0734353 | -.042683 | .6653517 | .6407066 | -.020577 | -.001978 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 315.6091 | -.080443 | .1718268 | 889.5040 | 7.368079 | F 30.04511 |
| Stddev | 2.0176   | .003329  | .0003581 | 4.3184   | .085636  | .09772     |
| %RSD   | .6392840 | 4.137785 | .2084295 | .4854826 | 1.162250 | .3252481   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 314.7559 | -.076622 | .1719846 | 886.9589 | 7.457319 | 30.13200 |
| #2 | 314.1583 | -.081995 | .1720790 | 887.0629 | 7.360346 | 29.93932 |
| #3 | 317.9132 | -.082712 | .1714169 | 894.4901 | 7.286573 | 30.06402 |

Sample Name: P4813-04      Acquired: 11/15/2024 18:16:58      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      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    | .2416830 | .0013930 | 2.807608 | 4.874989 | 7.234617 | .0078236 |
| Stddev | .0021809 | .0000268 | .022110  | .025291  | .032250  | .0002050 |
| %RSD   | .9023914 | 1.924844 | .7875087 | .5187998 | .4457707 | 2.619792 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2427477 | .0014231 | 2.794468 | 4.849841 | 7.248702 | .0076498 |
| #2 | .2391742 | .0013717 | 2.795222 | 4.874704 | 7.197720 | .0077713 |
| #3 | .2431271 | .0013843 | 2.833135 | 4.900422 | 7.257428 | .0080496 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0281397 |
| Stddev | .0002504 |
| %RSD   | .8899802 |

|    |          |
|----|----------|
| #1 | .0284283 |
| #2 | .0280121 |
| #3 | .0279789 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1752.233 | 43420.72 | 12375.55 | 1192.847 | 3256.899 |
| Stddev    | 8.764    | 58.66    | 124.41   | 5.151    | 15.993   |
| %RSD      | .5001456 | .1350876 | 1.005270 | .4318448 | .4910516 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1742.127 | 43359.41 | 12233.66 | 1195.853 | 3238.439 |
| #2 | 1756.839 | 43476.30 | 12427.04 | 1195.789 | 3266.589 |
| #3 | 1757.734 | 43426.44 | 12465.94 | 1186.899 | 3265.668 |



Sample Name: CCV08      Acquired: 11/15/2024 18:21:27      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.049064 | 4.599660 | 4.919207 | 4.973064 | 4.941452 | 9.850315 | 9.723494 |
| Stddev | .017280  | .048516  | .009290  | .023077  | .011790  | .065787  | .018273  |
| %RSD   | .3422387 | 1.054772 | .1888565 | .4640374 | .2385857 | .6678692 | .1879245 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.032158 | 4.556585 | 4.924146 | 4.946484 | 4.929403 | 9.924280 | 9.722416 |
| #2 | 5.048338 | 4.652217 | 4.908491 | 4.984726 | 4.941989 | 9.828327 | 9.742281 |
| #3 | 5.066695 | 4.590177 | 4.924984 | 4.987983 | 4.952964 | 9.798337 | 9.705783 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2444120 | 2.391776 | 23.94411 | .9922639 | 2.432410 | 1.256790 | 4.816946 |
| Stddev | .0024694 | .002529  | .04530   | .0014106 | .003327  | .002786  | .024884  |
| %RSD   | 1.010334 | .1057410 | .1892002 | .1421621 | .1367729 | .2216552 | .5165862 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2471923 | 2.393214 | 23.95128 | .9937499 | 2.434349 | 1.255625 | 4.800589 |
| #2 | .2435698 | 2.388856 | 23.89565 | .9909433 | 2.428569 | 1.254775 | 4.804666 |
| #3 | .2424738 | 2.393258 | 23.98540 | .9920986 | 2.434313 | 1.259968 | 4.845583 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.364880 | 24.07876 | 2.429285 | 1.246539 | 25.28197 | 2.445594 | 2.549896 |
| Stddev | .006313  | .04868   | .001627  | .002905  | .23247   | .004581  | .010697  |
| %RSD   | .2669677 | .2021731 | .0669603 | .2330641 | .9195081 | .1873118 | .4195049 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.370773 | 24.02277 | 2.430045 | 1.248851 | 25.54843 | 2.450877 | 2.553882 |
| #2 | 2.358217 | 24.10248 | 2.427417 | 1.243278 | 25.12057 | 2.442722 | 2.537778 |
| #3 | 2.365649 | 24.11105 | 2.430392 | 1.247487 | 25.17692 | 2.443184 | 2.558027 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.79893 | 4.785602 | 5.028809 | 4.861434 | 4.762732 | 4.745114 | 4.909219 |
| Stddev | .10690   | .031329  | .012938  | .001494  | .030379  | .036559  | .004824  |
| %RSD   | .4310661 | .6546424 | .2572693 | .0307232 | .6378498 | .7704586 | .0982569 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.90156 | 4.821575 | 5.017773 | 4.860345 | 4.797784 | 4.716152 | 4.905174 |
| #2 | 24.68822 | 4.764309 | 5.025607 | 4.860821 | 4.744022 | 4.732998 | 4.914558 |
| #3 | 24.80700 | 4.770922 | 5.043047 | 4.863137 | 4.746390 | 4.786194 | 4.907926 |

Sample Name: CCV08      Acquired: 11/15/2024 18:21:27      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.754098 | 4.880901 | 4.932664 |
| Stddev | .008422  | .066817  | .029971  |
| %RSD   | .1771568 | 1.368940 | .6076094 |
| #1     | 4.758101 | 4.958003 | 4.906548 |
| #2     | 4.759771 | 4.844791 | 4.926057 |
| #3     | 4.744420 | 4.839909 | 4.965388 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2513.628 | 59246.81 | 14235.77 | 1759.928 | 4118.584 |
| Stddev    | 8.647    | 124.00   | 87.62    | 8.023    | 10.150   |
| %RSD      | .3439904 | .2093023 | .6155082 | .4558549 | .2464341 |
| #1        | 2519.660 | 59244.78 | 14134.59 | 1758.000 | 4122.437 |
| #2        | 2517.501 | 59371.81 | 14285.80 | 1768.739 | 4126.244 |
| #3        | 2503.722 | 59123.83 | 14286.92 | 1753.045 | 4107.073 |

Sample Name: CCB08      Acquired: 11/15/2024 18:25:38      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0028879 | -.000212 | .0007076 | .0008433 | .0045581 | .0129723 | -.001396 |
| Stddev | .0015299 | .000526  | .0006240 | .0012951 | .0003891 | .0024916 | .000560  |
| %RSD   | 52.97720 | 247.4769 | 88.18361 | 153.5794 | 8.535610 | 19.20720 | 40.08776 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0027301 | -.000790 | .0007289 | -.000099 | .0047886 | .0117459 | -.002035 |
| #2 | .0044905 | .000238  | .0013206 | .002320  | .0041089 | .0113316 | -.001163 |
| #3 | .0014429 | -.000085 | .0000732 | .000308  | .0047768 | .0158394 | -.000991 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000248 | .0000504 | .0124136 | -.000074 | -.000003 | .0006358 | -.000606 |
| Stddev | .0000347 | .0000537 | .0077140 | .000031  | .000076  | .0000740 | .001395  |
| %RSD   | 139.9019 | 106.4948 | 62.14129 | 41.84728 | 2416.570 | 11.64640 | 230.3921 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000625 | .0000669 | .0170085 | -.000077 | .000045  | .0007183 | -.002212 |
| #2 | .0000174 | -.000010 | .0167244 | -.000042 | -.000091 | .0006136 | .000097  |
| #3 | -.000006 | .000094  | .0035078 | -.000104 | .000036  | .0005753 | .000298  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002566 | .0036975 | .0001702 | .0000003 | -.294870 | .0013052 | .0007080 |
| Stddev | .0001647 | .0051381 | .0002535 | .0002743 | .017429  | .0004840 | .0001558 |
| %RSD   | 64.17206 | 138.9628 | 148.8953 | 83781.52 | 5.910603 | 37.07817 | 22.00467 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003762 | .0095902 | .0004171 | .0002020 | -.313228 | .0014048 | .0005376 |
| #2 | .0000688 | .0013484 | -.000089 | -.000312 | -.292832 | .0007792 | .0008432 |
| #3 | .0003249 | .0001538 | .000183  | .000111  | -.278550 | .0017317 | .0007431 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0043562 | .0078564 | .0007838 | -.002956 | .0005973 | .0055228 | .0012513 |
| Stddev | .0144118 | .0007698 | .0001583 | .000266  | .0002615 | .0047303 | .0006157 |
| %RSD   | 330.8330 | 9.798512 | 20.19083 | 8.993582 | 43.77100 | 85.64996 | 49.20873 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.011761 | .0073053 | .0008247 | -.003195 | .0003350 | .0087923 | .0019560 |
| #2 | .008828  | .0087359 | .0006091 | -.002670 | .0005990 | .0000988 | .0008173 |
| #3 | .016002  | .0075279 | .0009176 | -.003003 | .0008580 | .0076773 | .0009806 |

Sample Name: CCB08      Acquired: 11/15/2024 18:25:38      Type: Unk  
Method: NON EPA-6010-200.7(v2472)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB08      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001416 | -.000828 | .0001272 |
| Stddev | .001621  | .000189  | .0000155 |
| %RSD   | 114.5098 | 22.78656 | 12.18581 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002712 | -.000612 | .0001108 |
| #2 | .000402  | -.000959 | .0001416 |
| #3 | -.001938 | -.000914 | .0001293 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2637.455 | 63059.48 | 14355.80 | 1864.978 | 4629.975 |
| Stddev    | 14.431   | 420.17   | 127.83   | 13.126   | 15.985   |
| %RSD      | .5471614 | .6663126 | .8904211 | .7038342 | .3452533 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2628.778 | 63132.97 | 14228.07 | 1869.693 | 4621.855 |
| #2 | 2629.474 | 62607.41 | 14355.59 | 1850.145 | 4619.680 |
| #3 | 2654.114 | 63438.06 | 14483.73 | 1875.095 | 4648.390 |