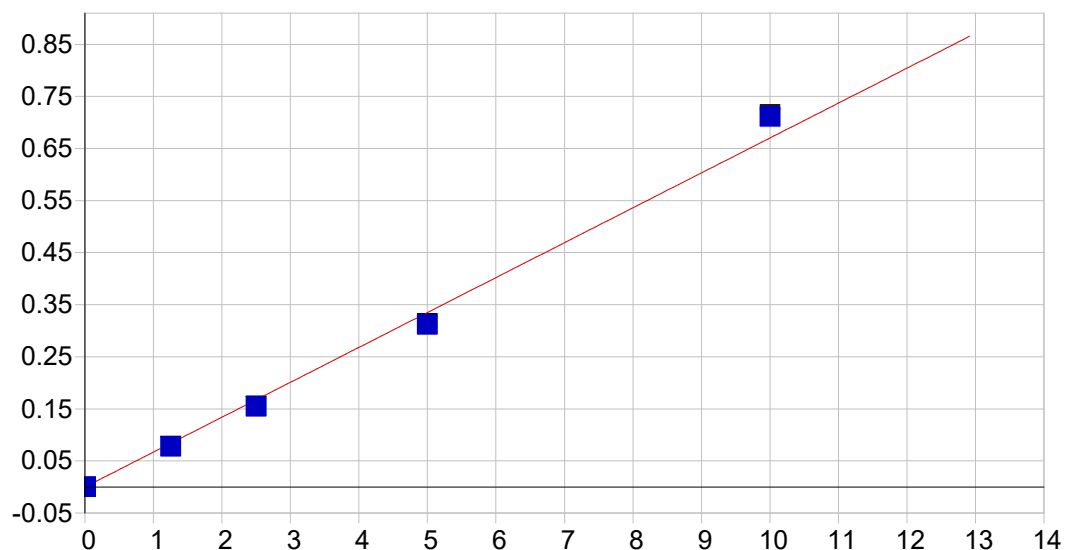


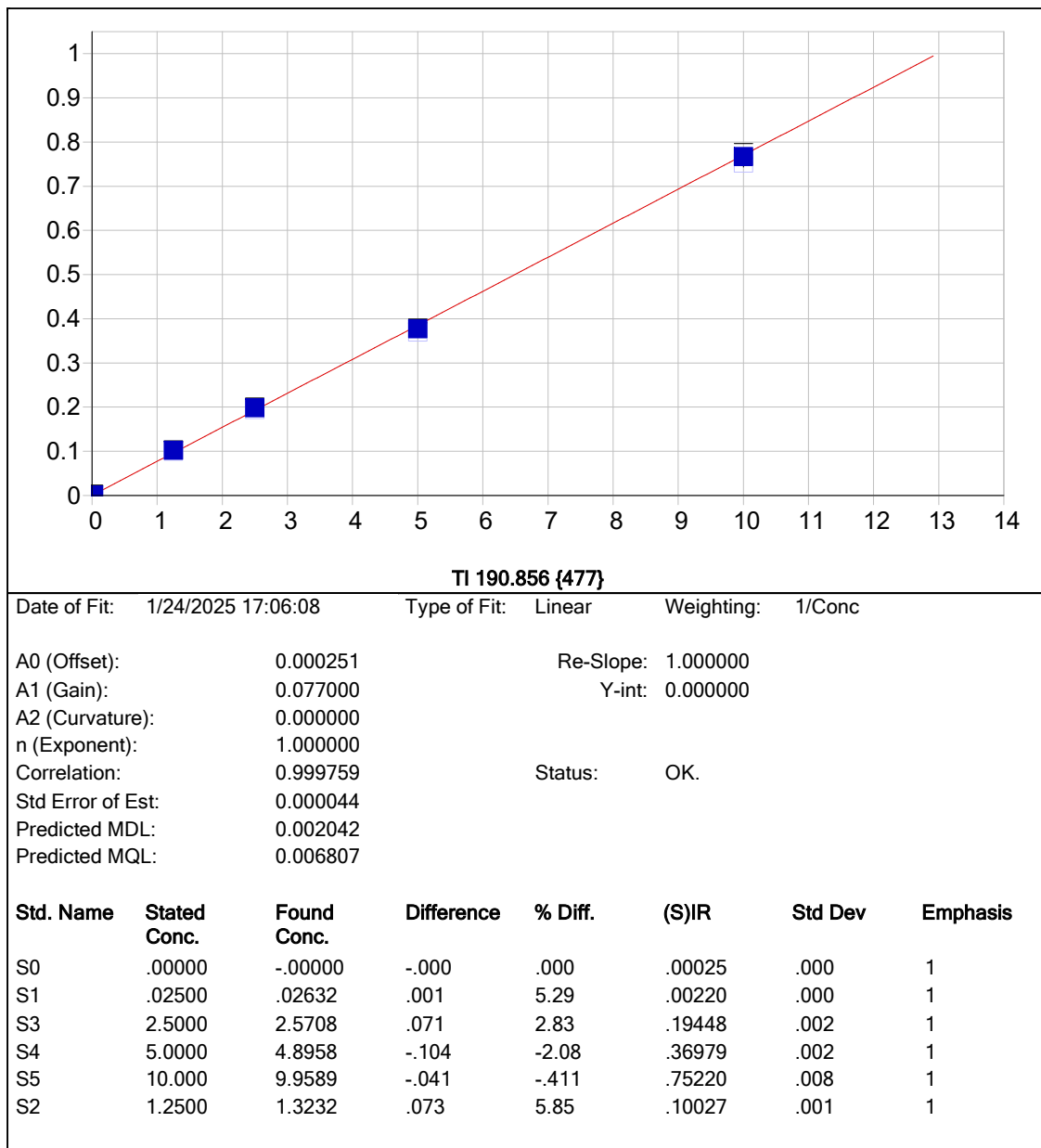


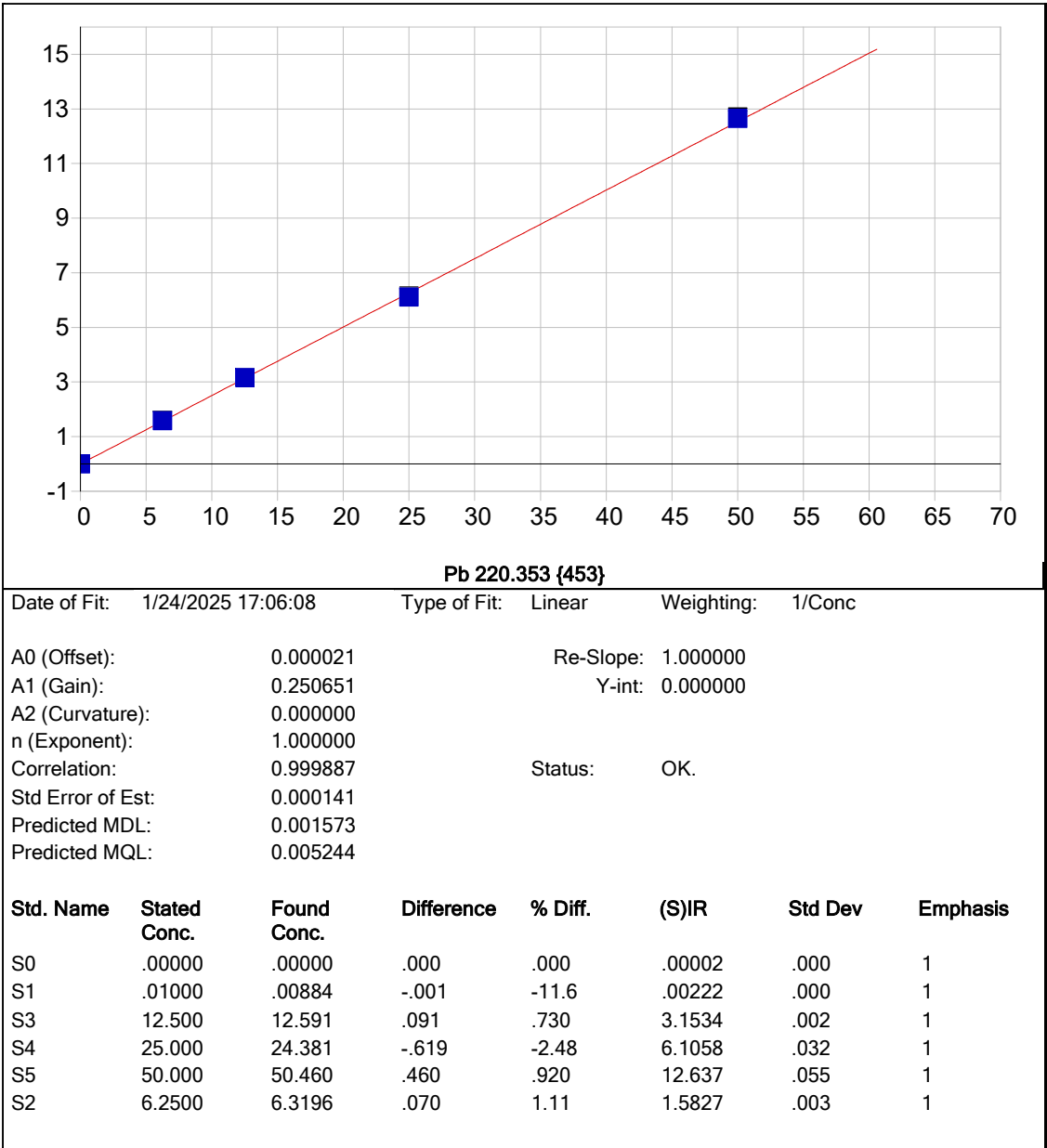
As 189.042 {479}

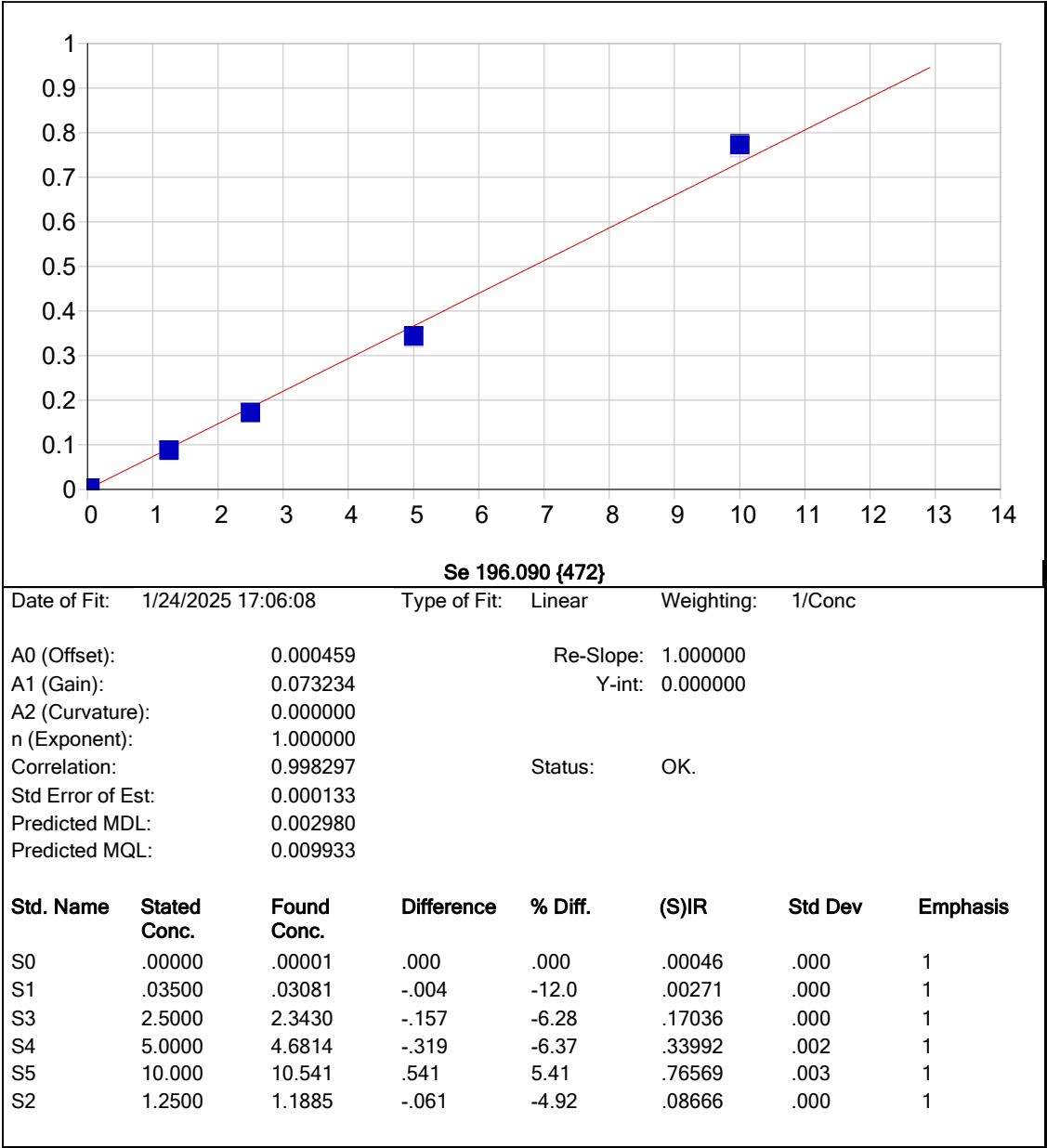
Date of Fit: 1/24/2025 17:06:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000121 Re-Slope: 1.000000  
A1 (Gain): 0.067032 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.997810 Status: OK.  
Std Error of Est: 0.000074  
Predicted MDL: 0.002598  
Predicted MQL: 0.008660

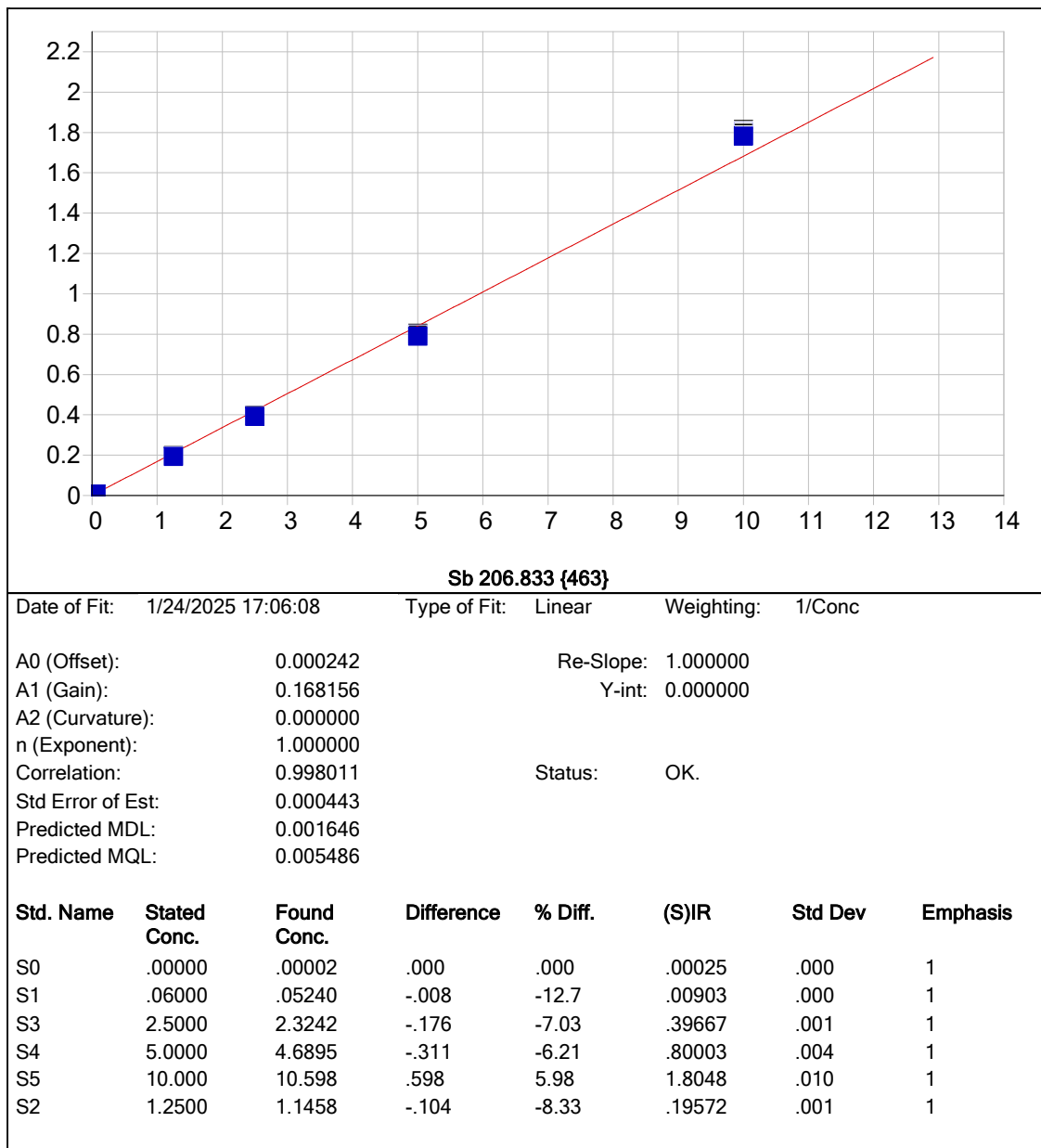
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00012 | .000    | 1        |
| S1        | .01000       | .01208      | .002       | 20.8    | .00069  | .000    | 1        |
| S3        | 2.5000       | 2.3130      | -.187      | -7.48   | .15463  | .000    | 1        |
| S4        | 5.0000       | 4.6579      | -.342      | -6.84   | .31151  | .002    | 1        |
| S5        | 10.000       | 10.616      | .616       | 6.16    | .71031  | .004    | 1        |
| S2        | 1.2500       | 1.1609      | -.089      | -7.13   | .07755  | .001    | 1        |

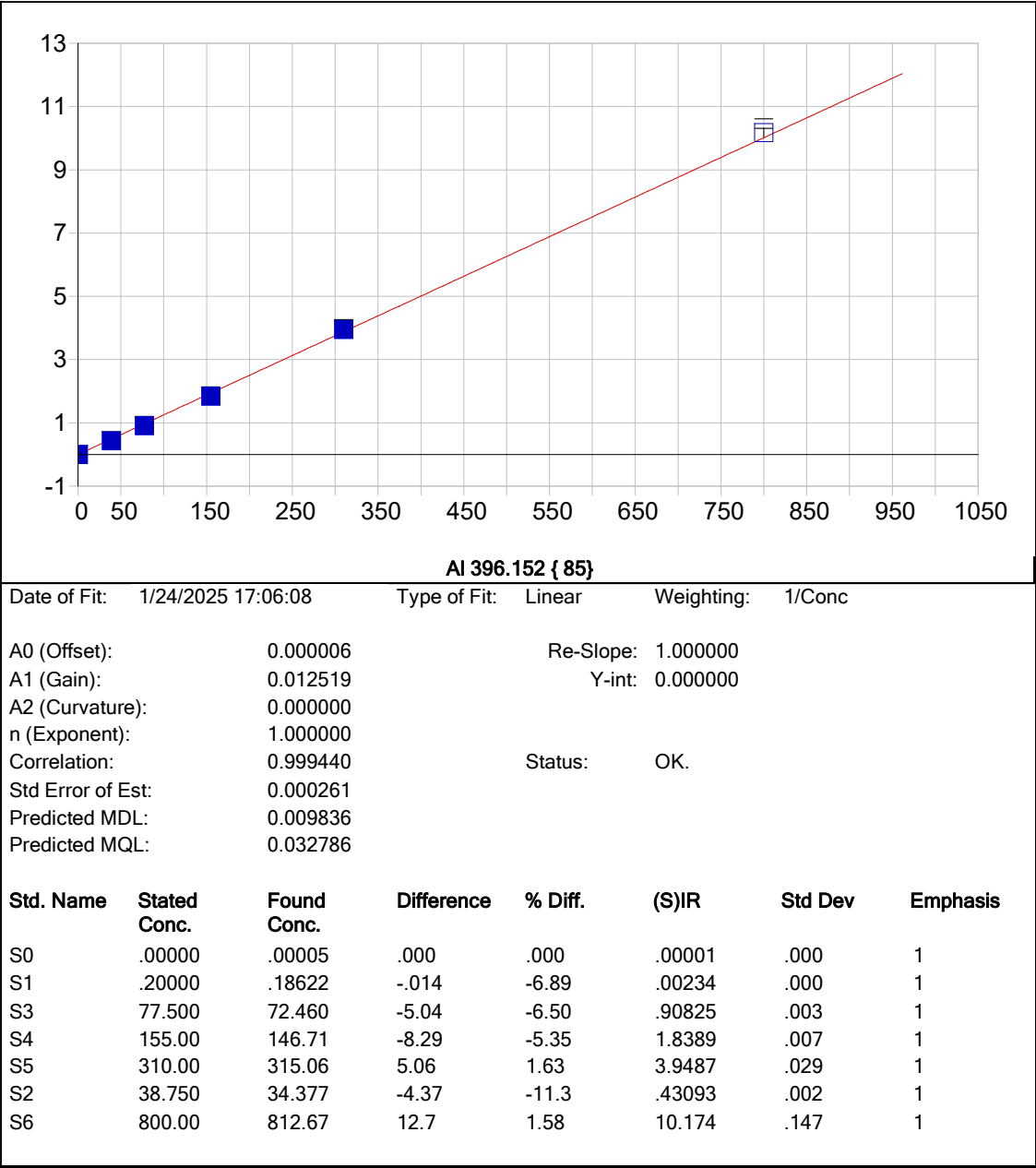


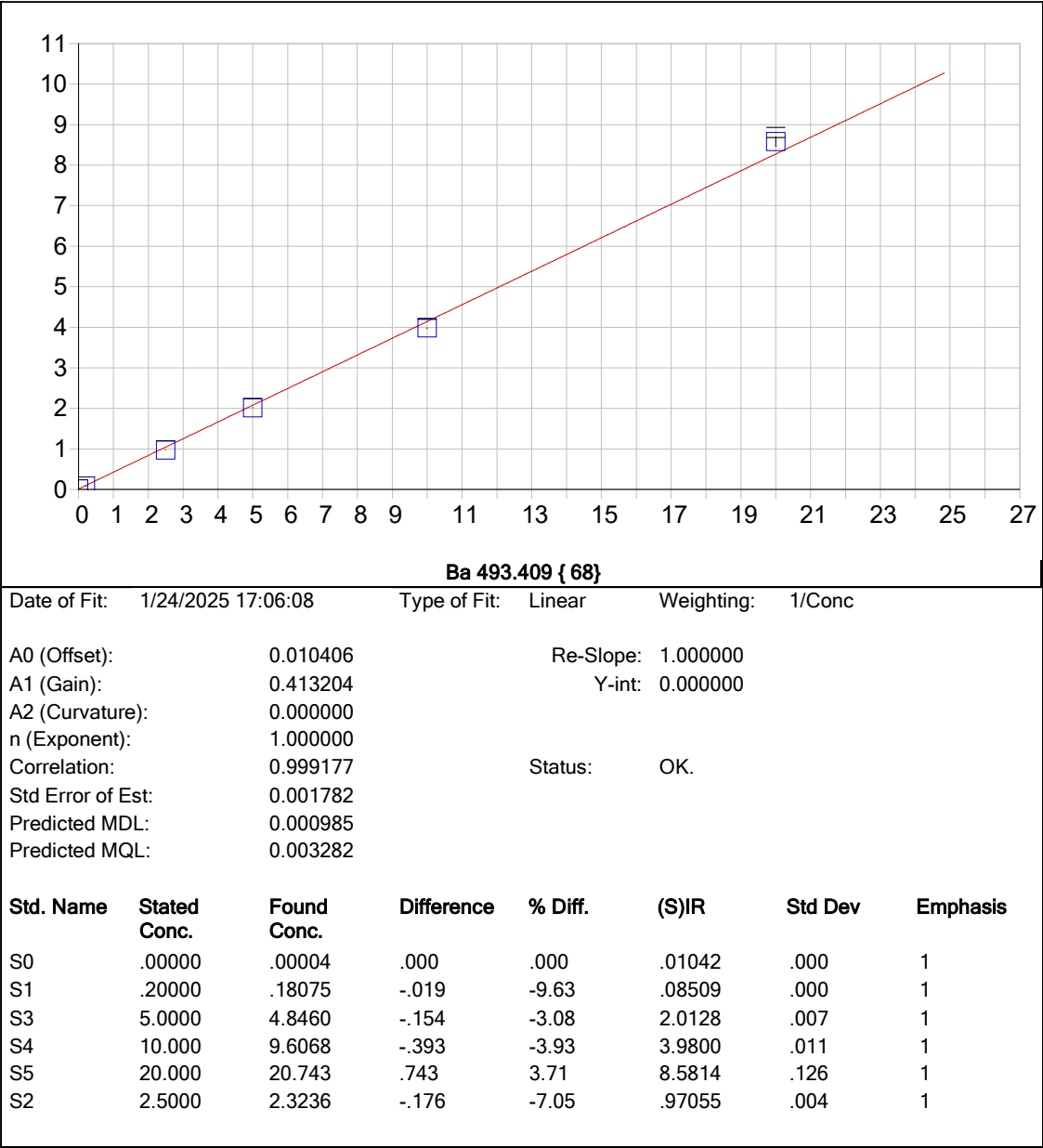


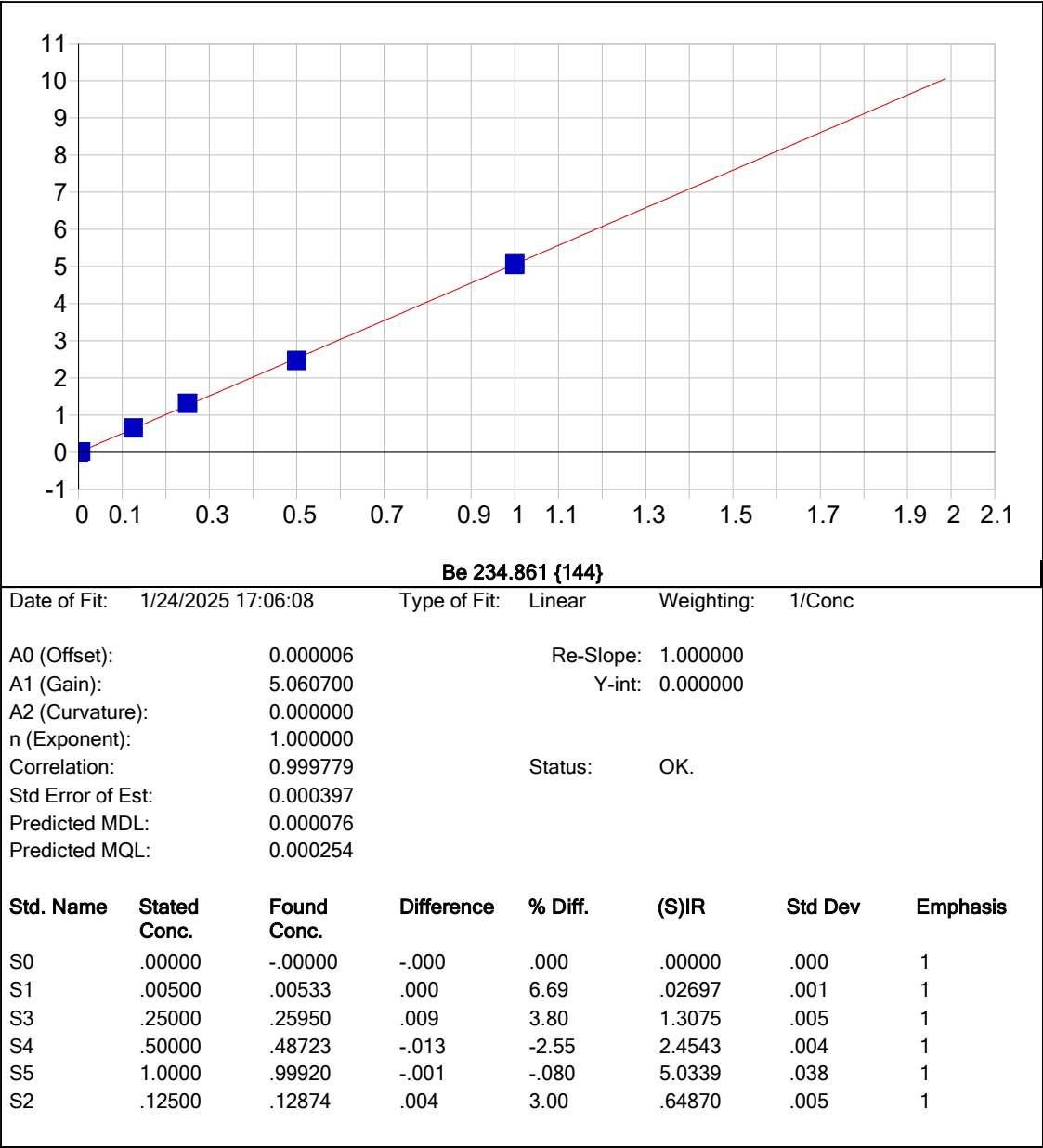


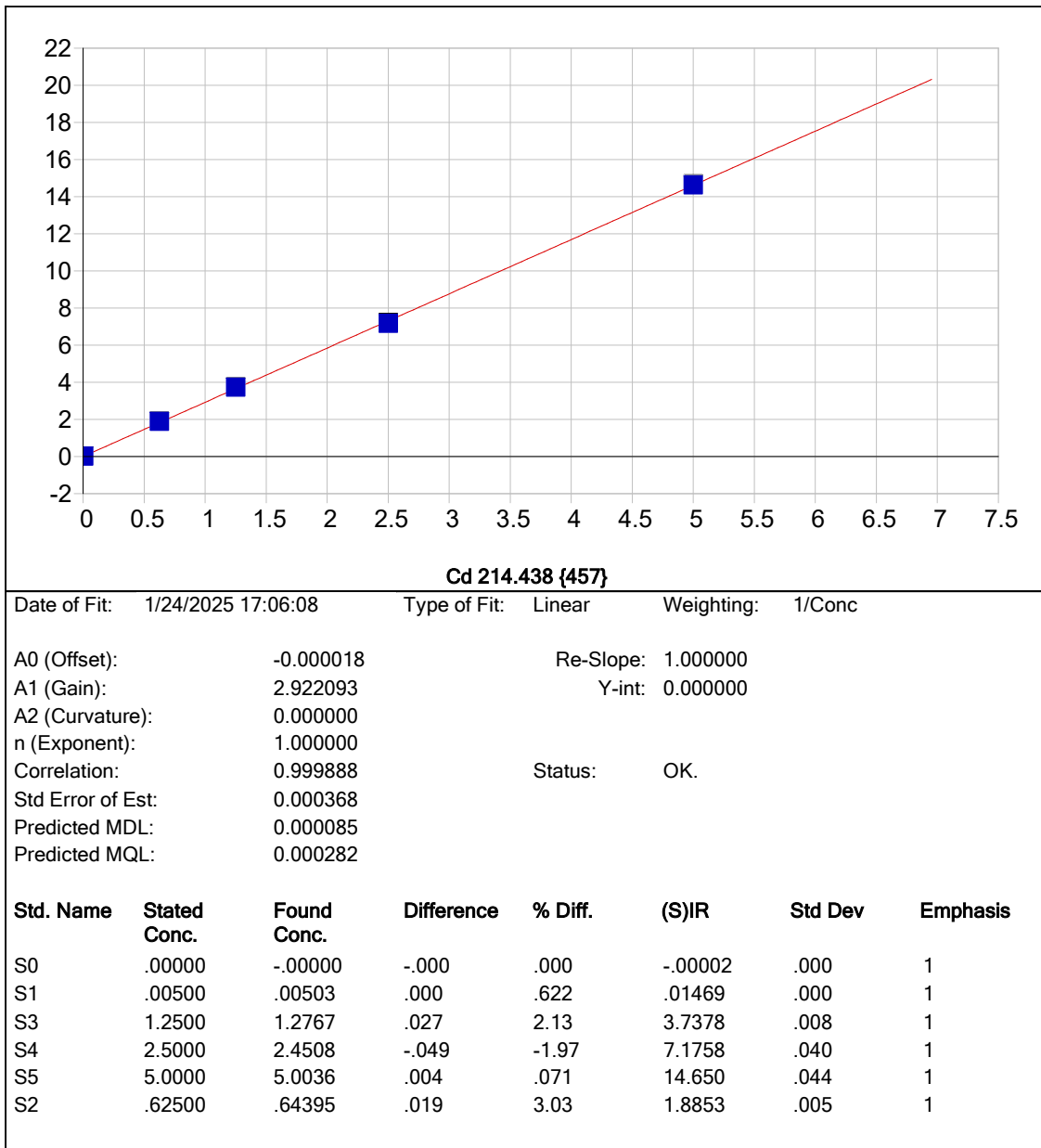


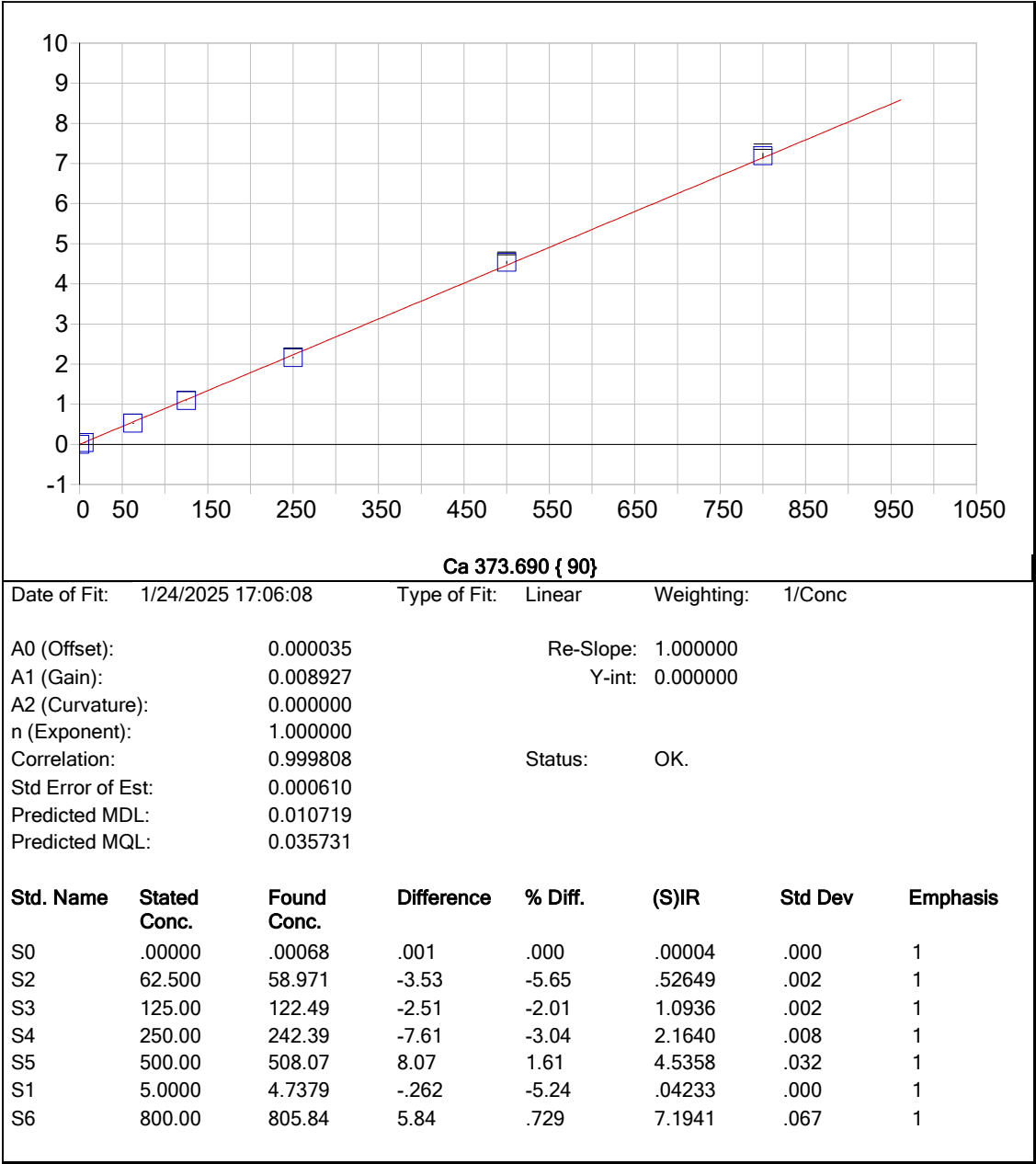


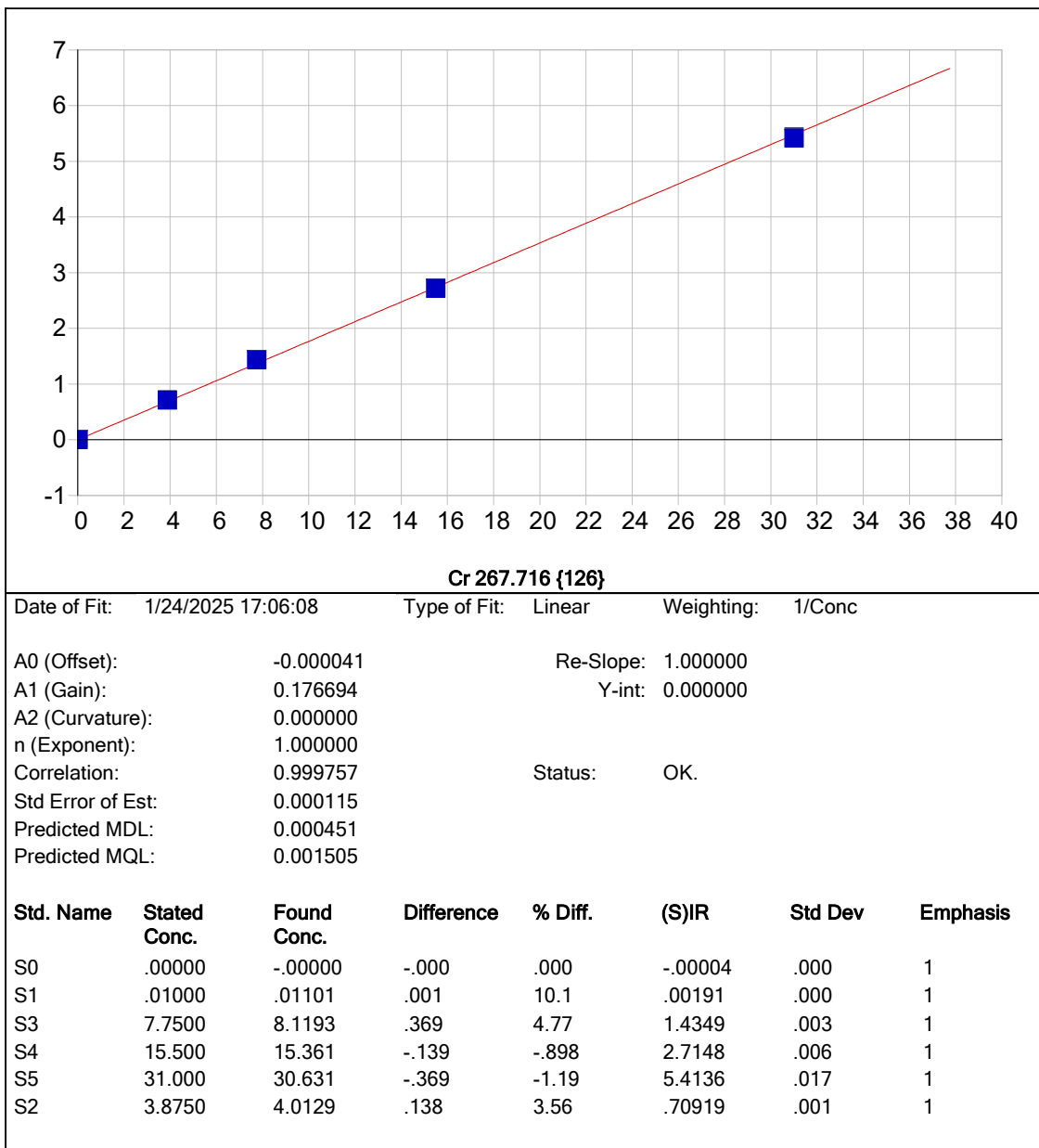


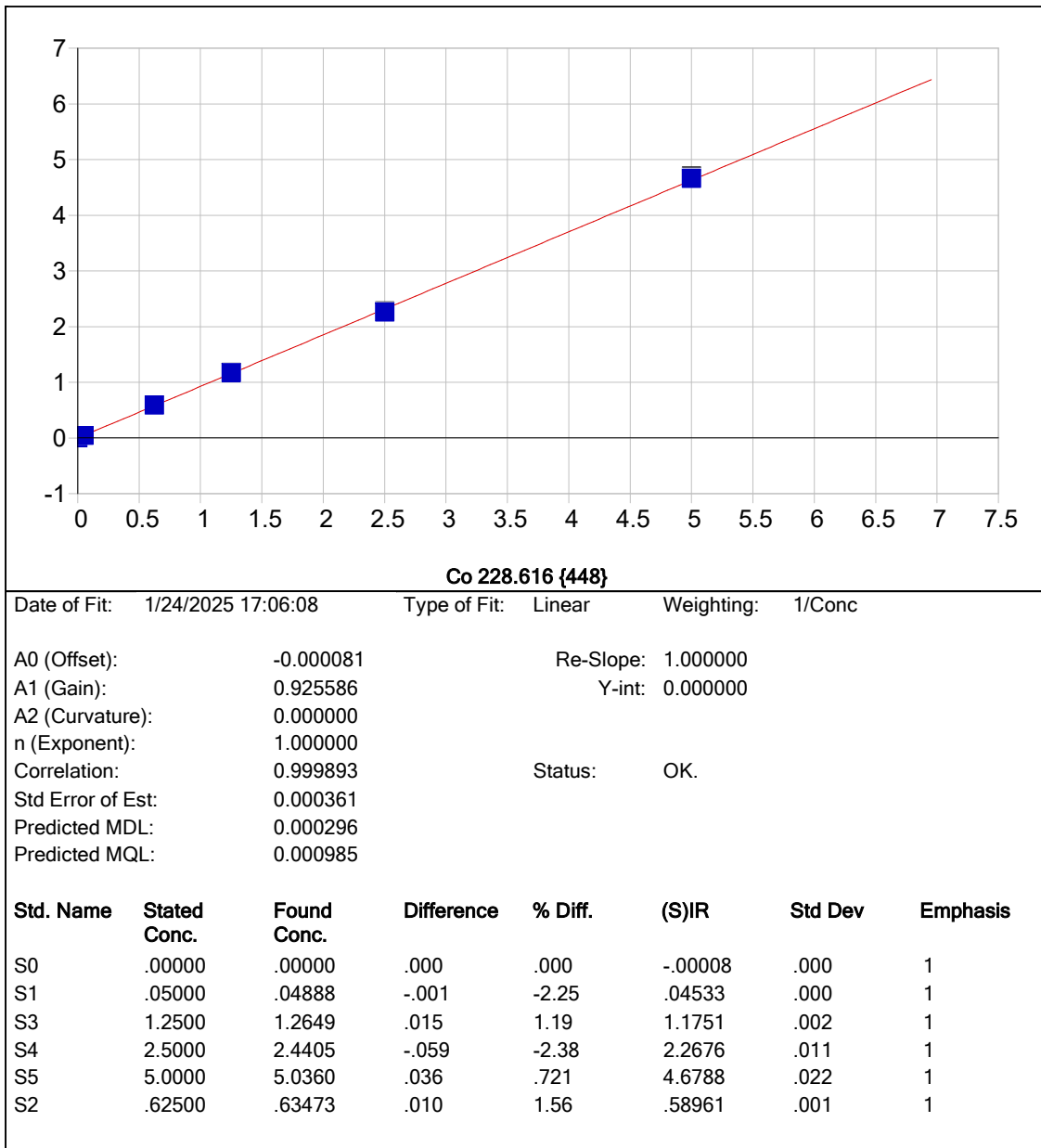




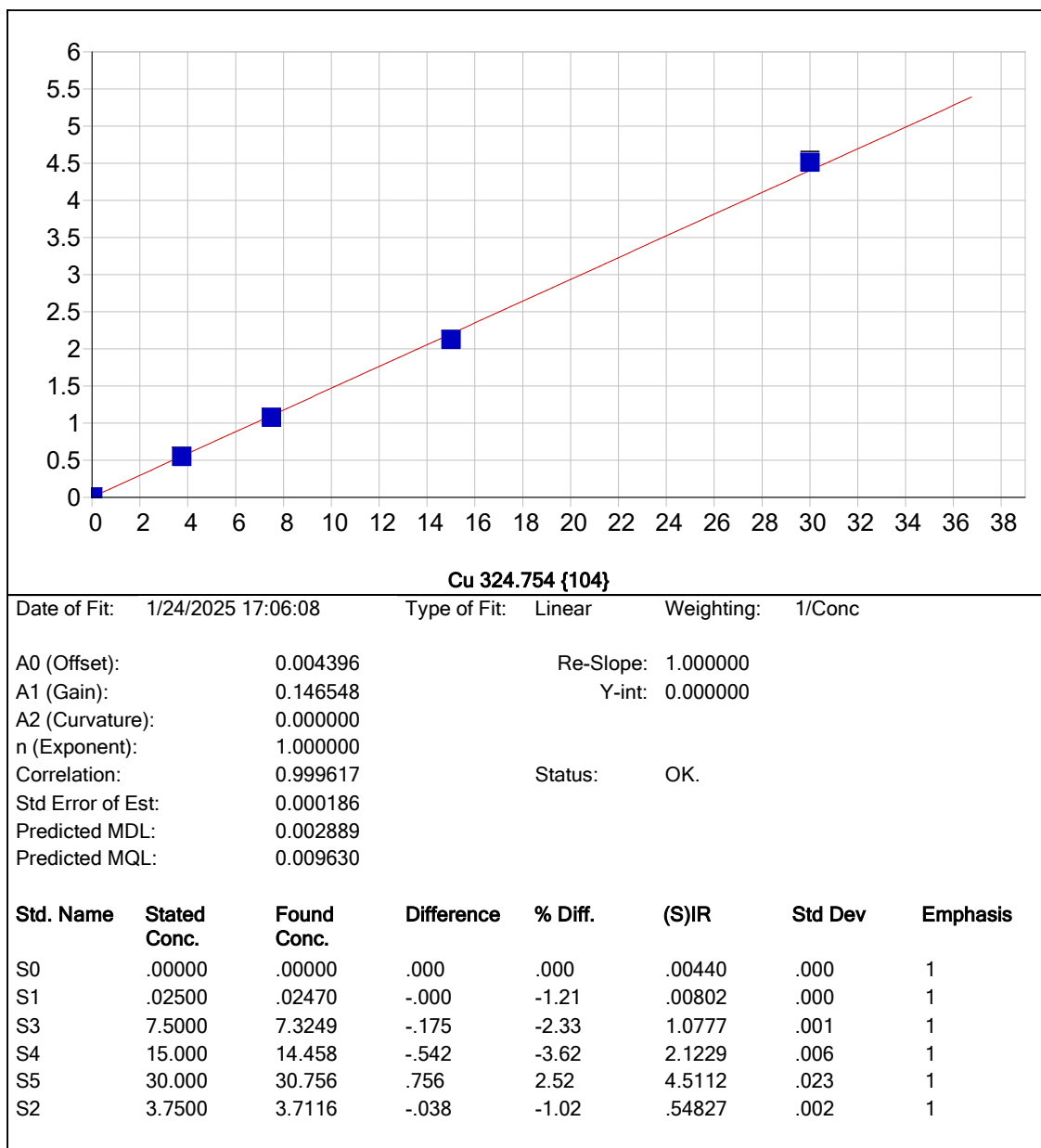


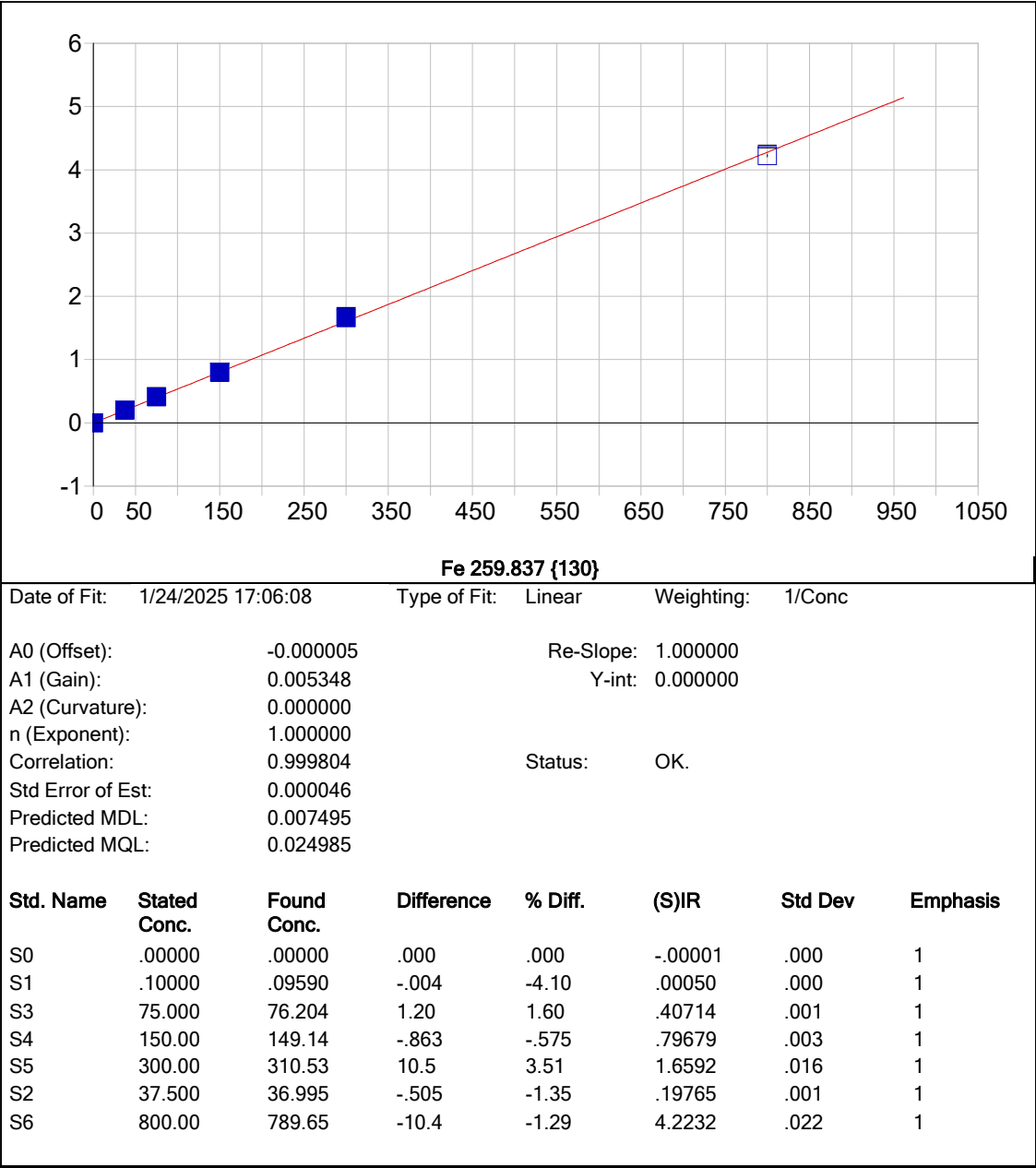


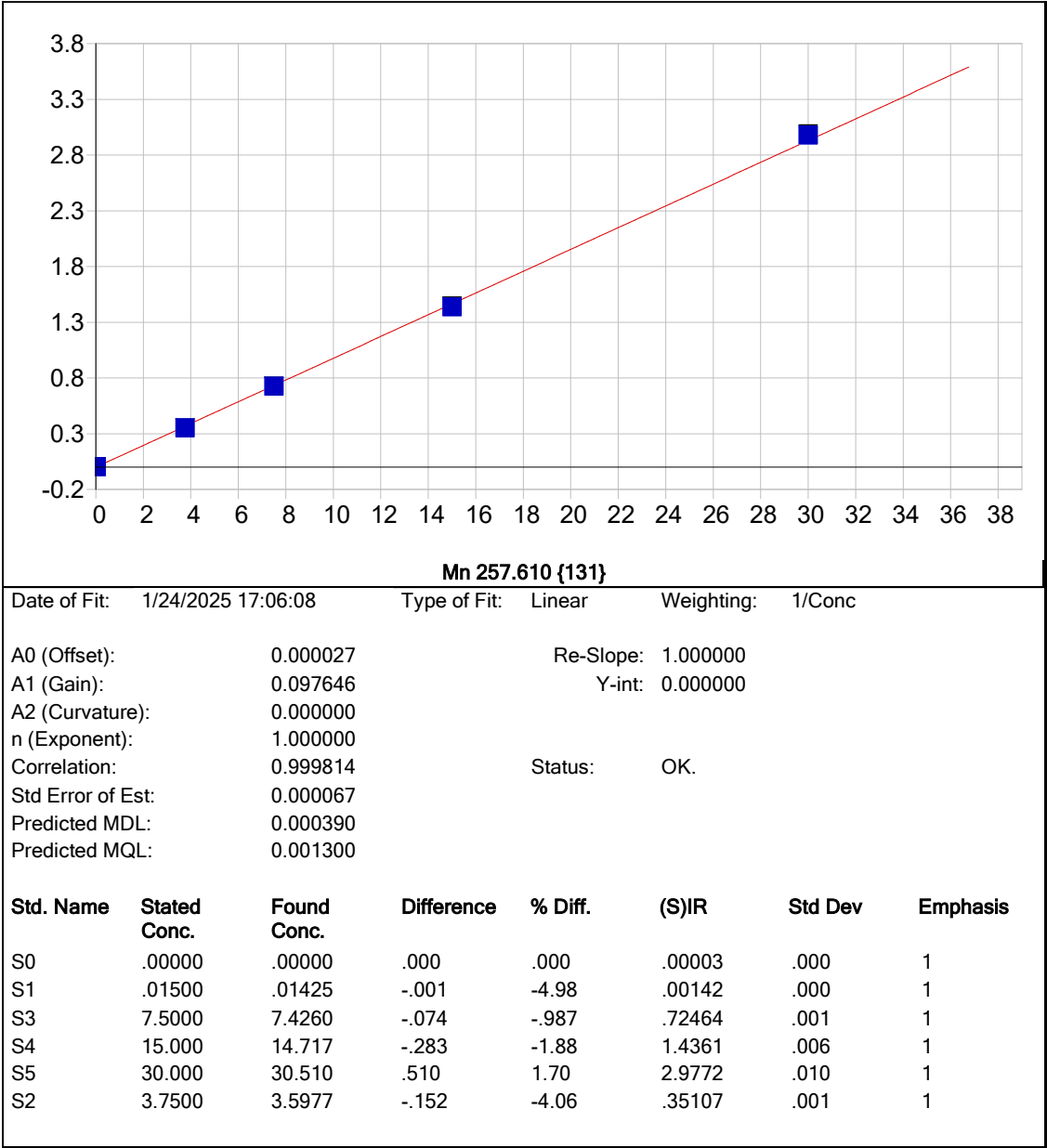


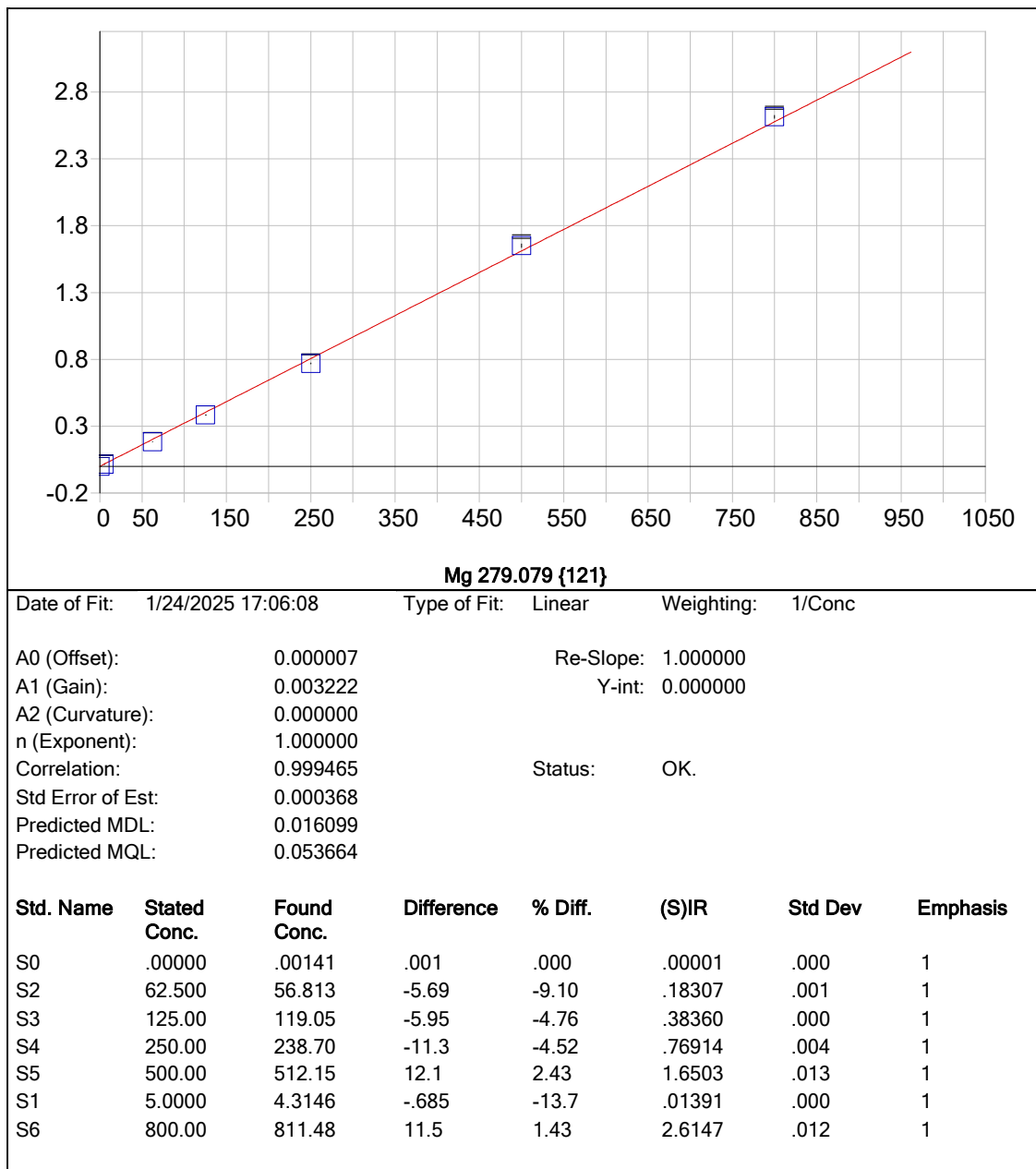


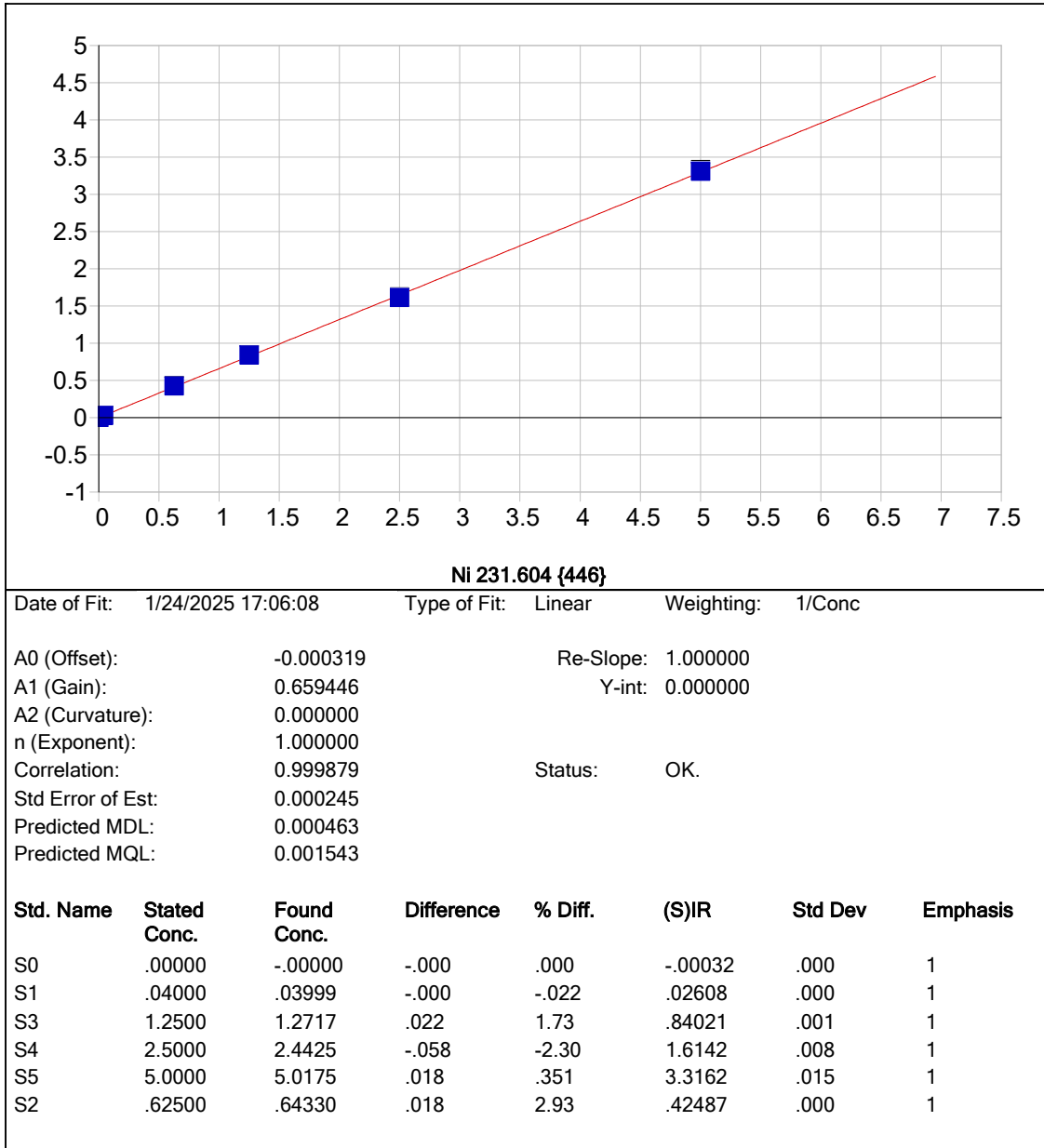


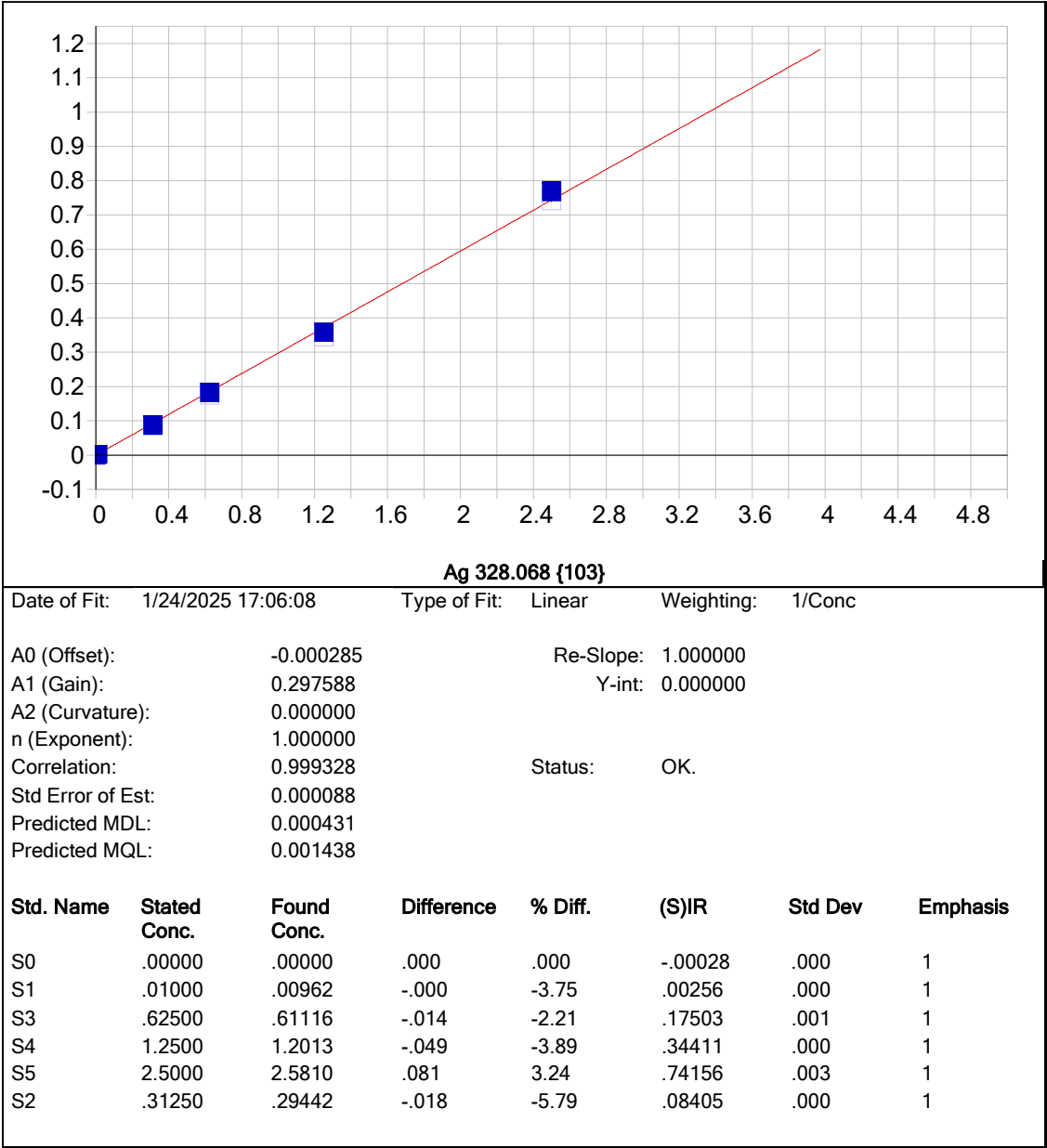


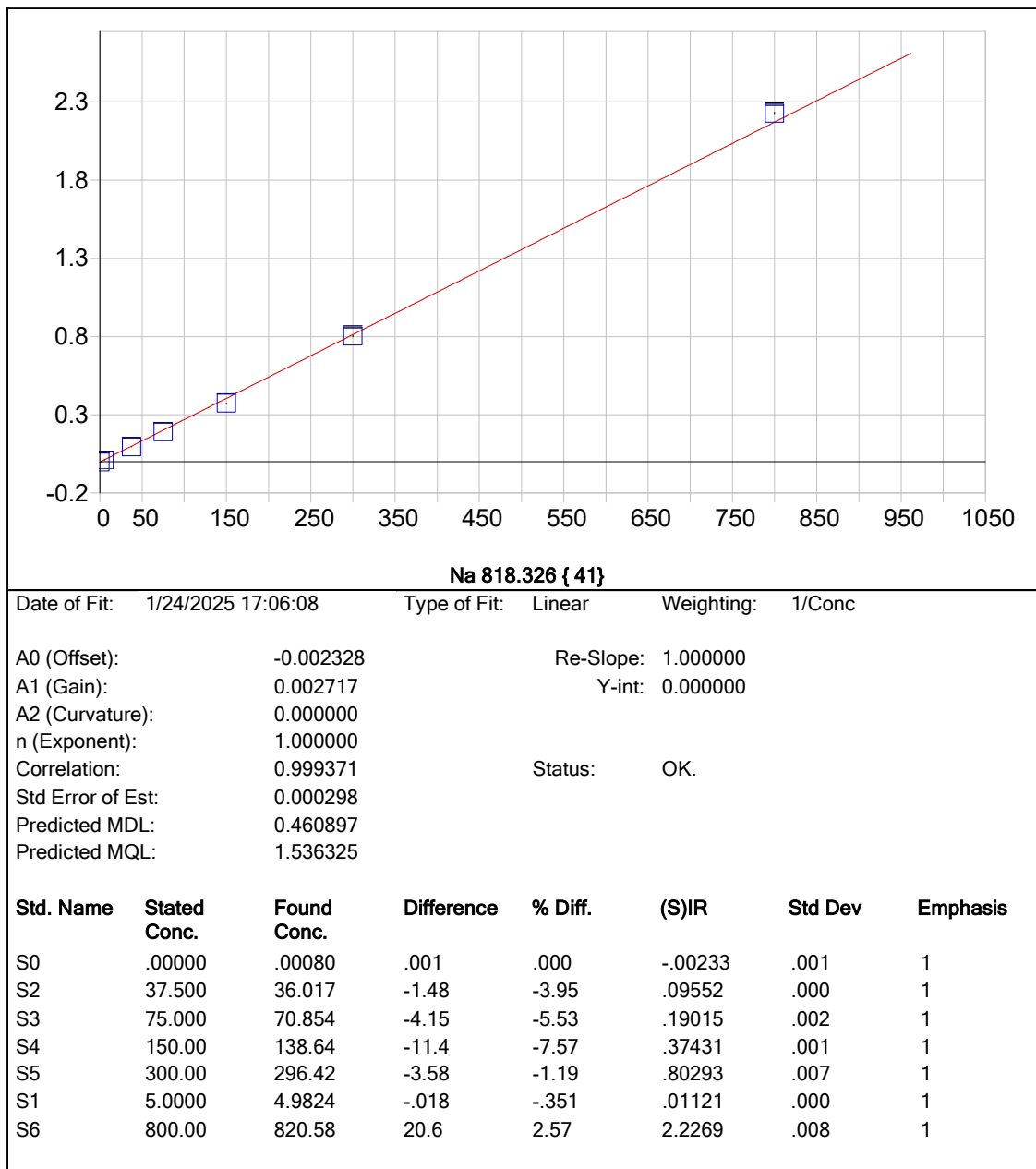


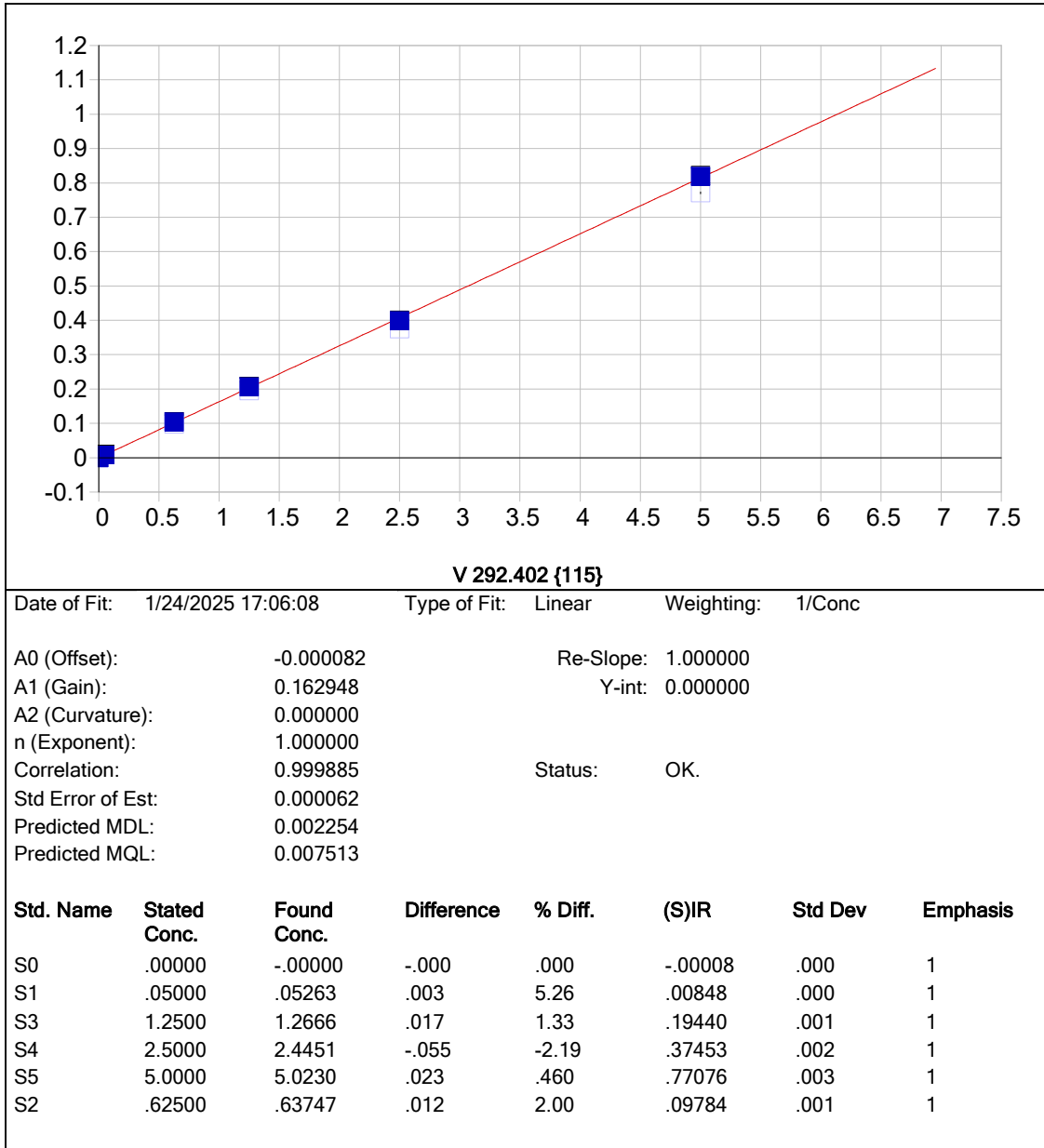




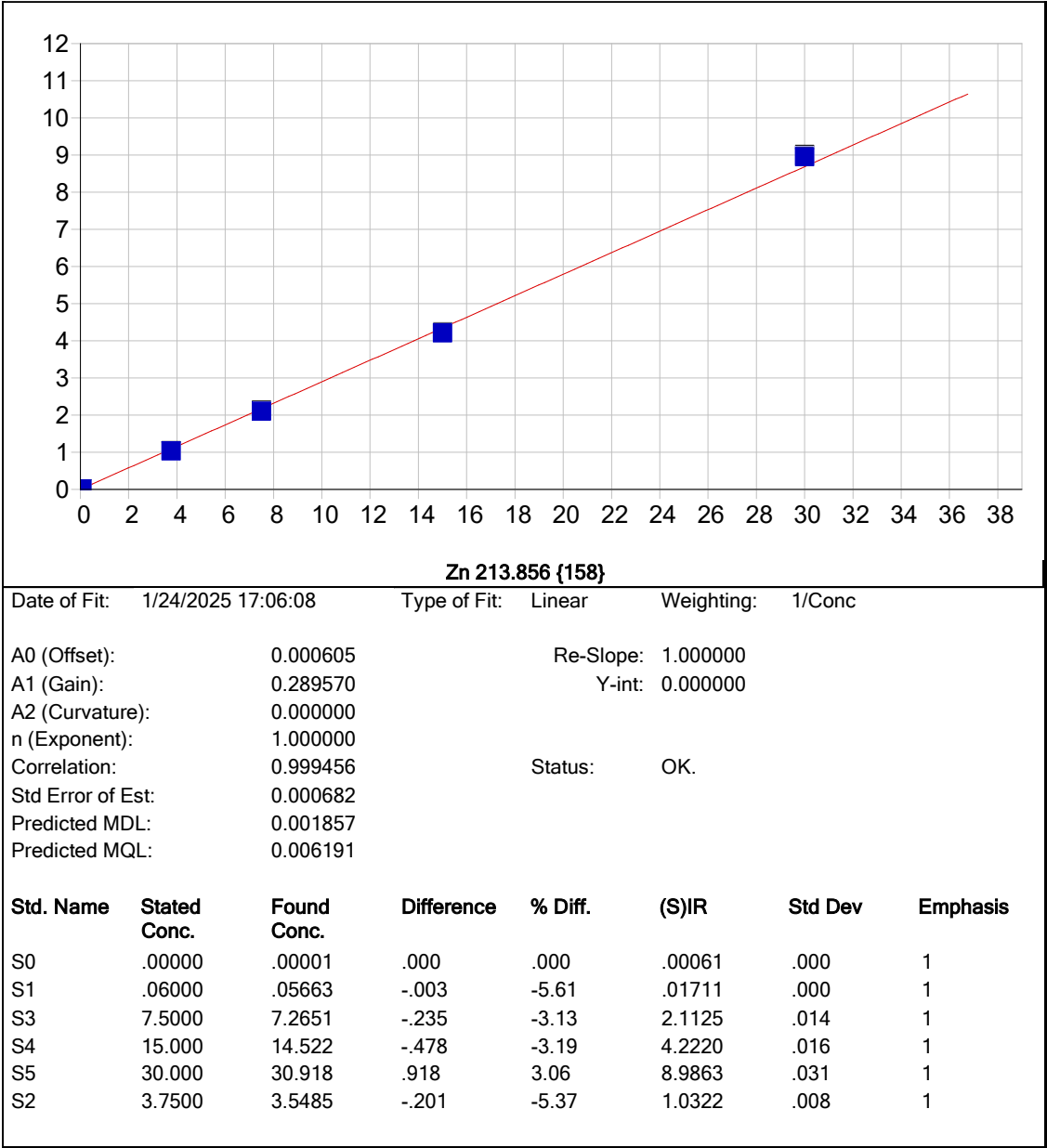


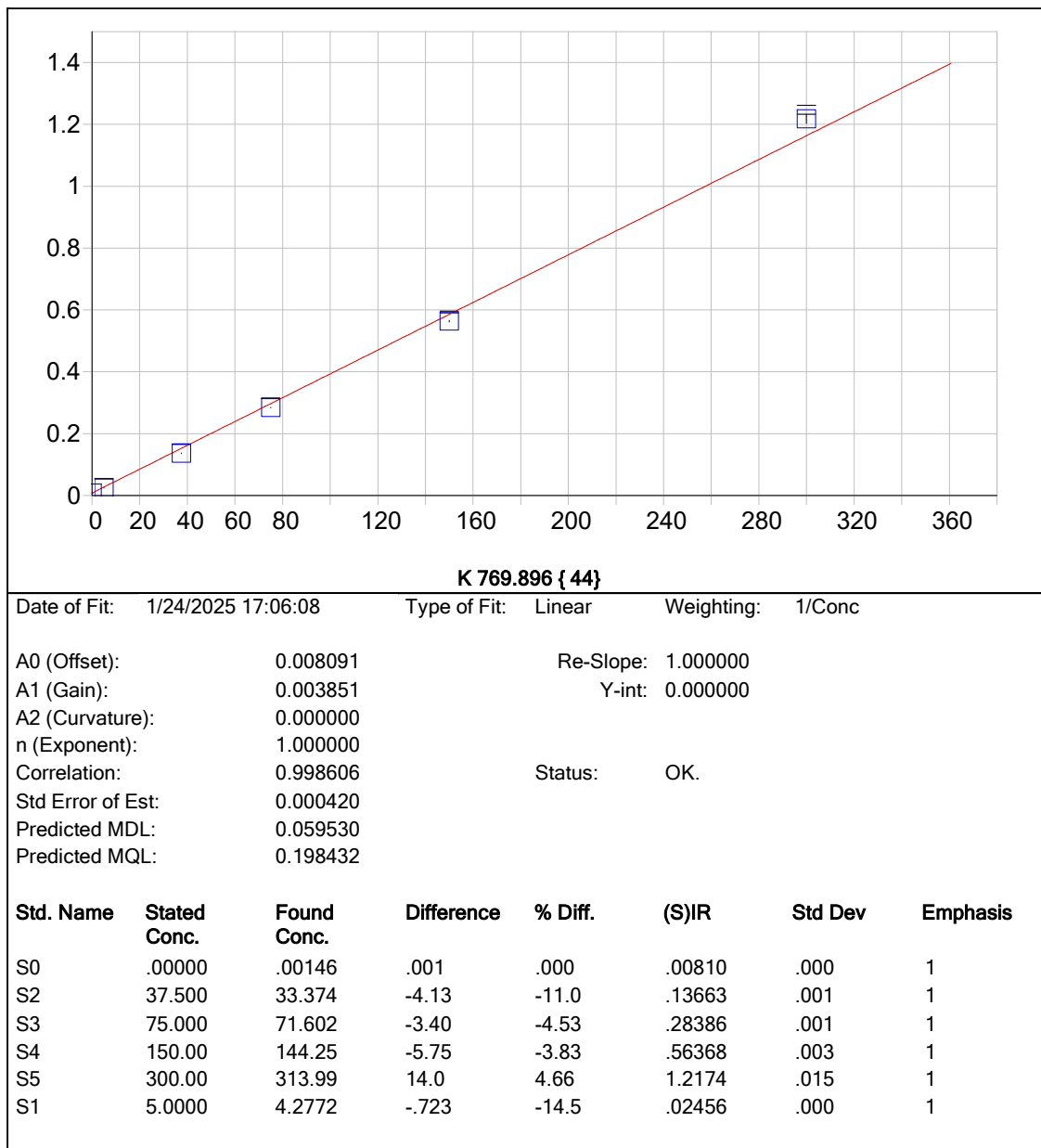


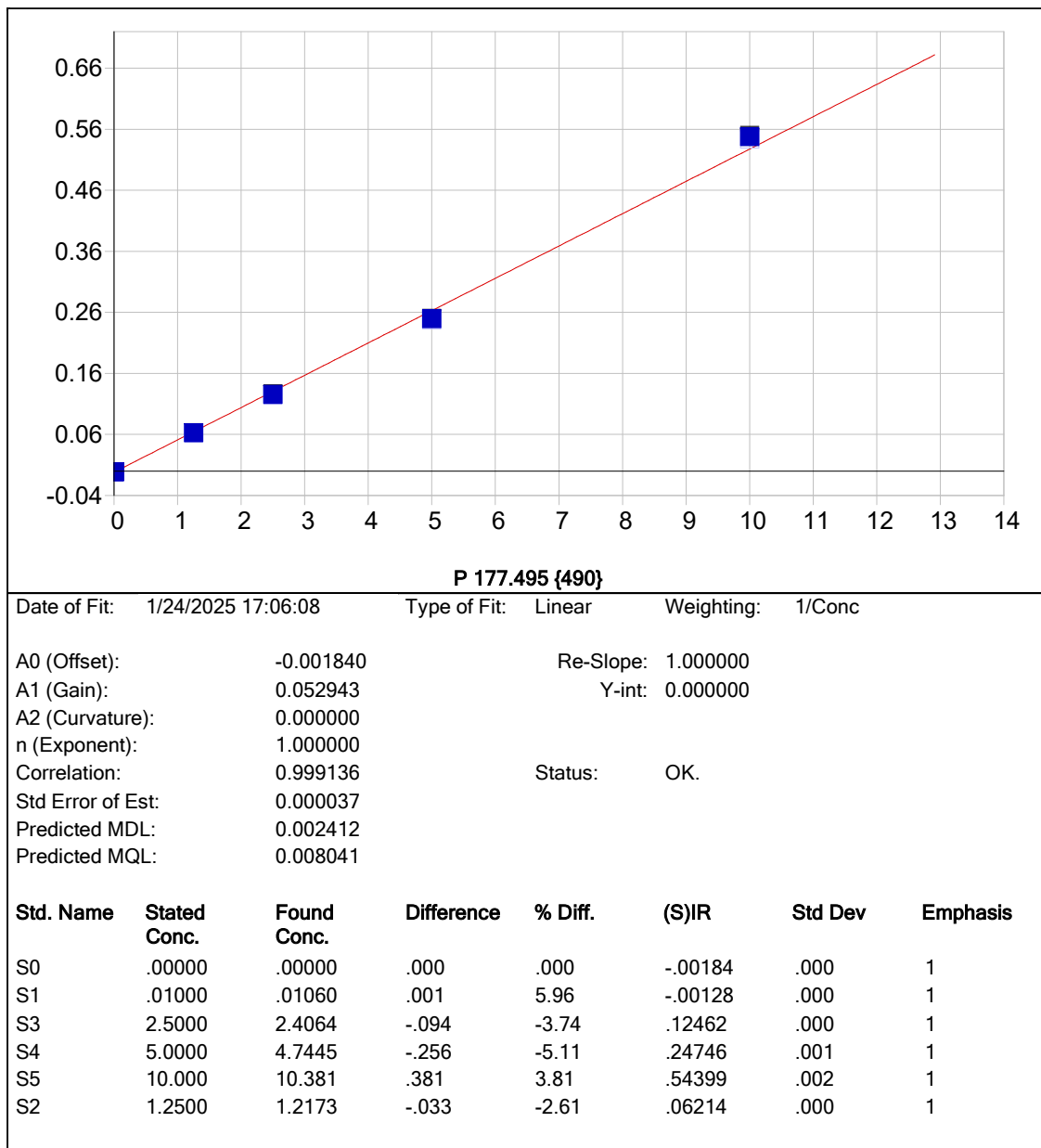


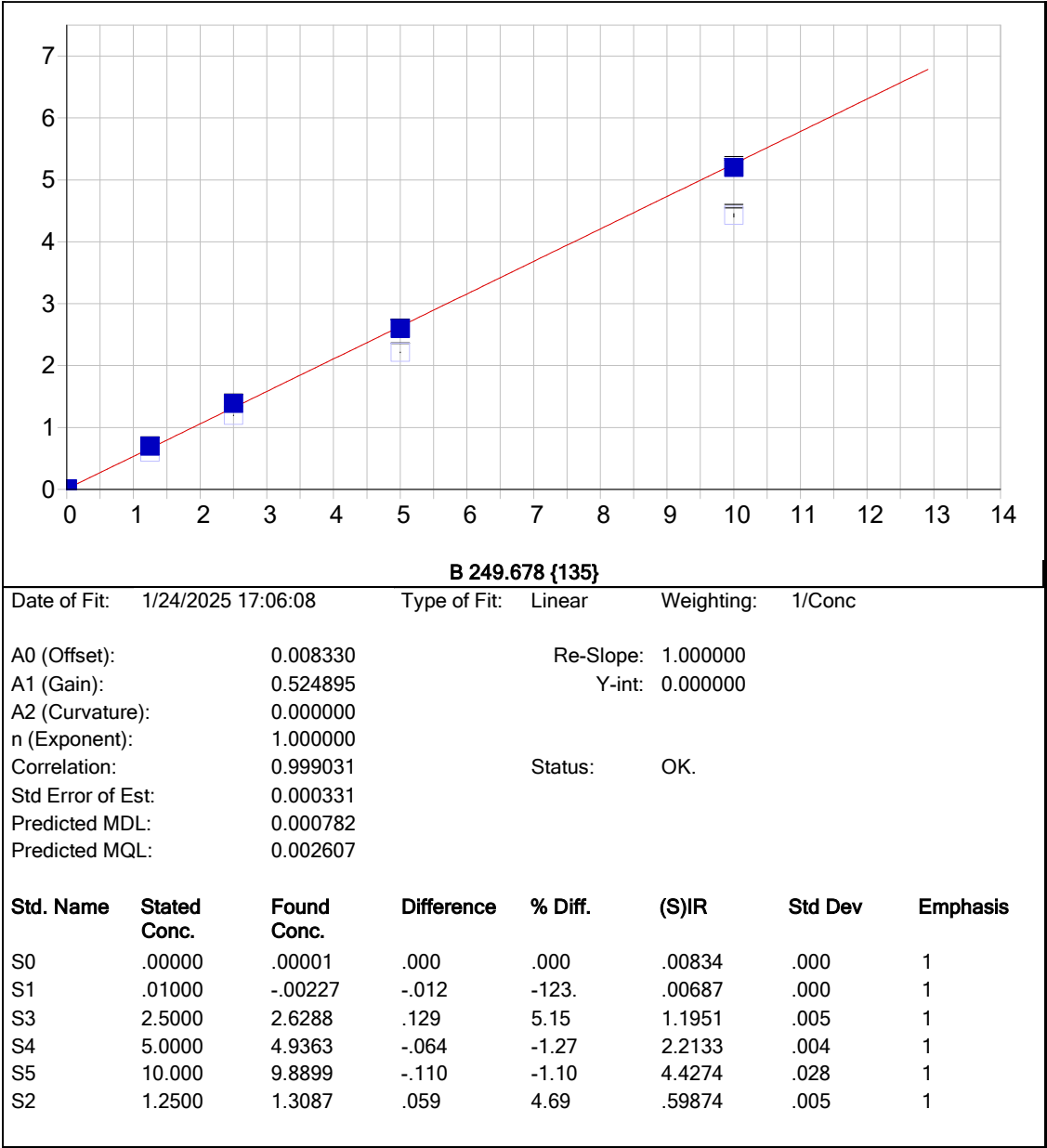


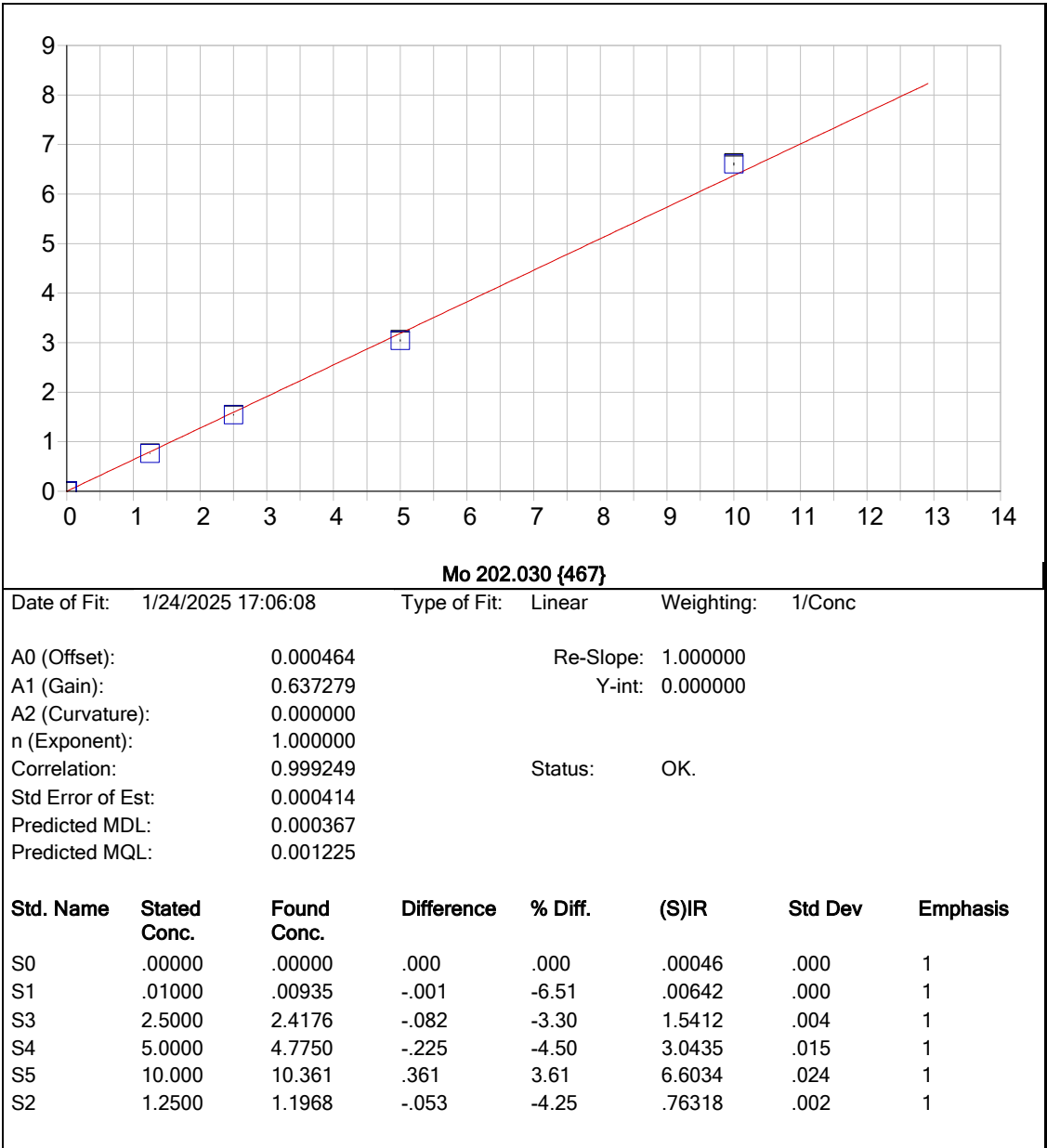


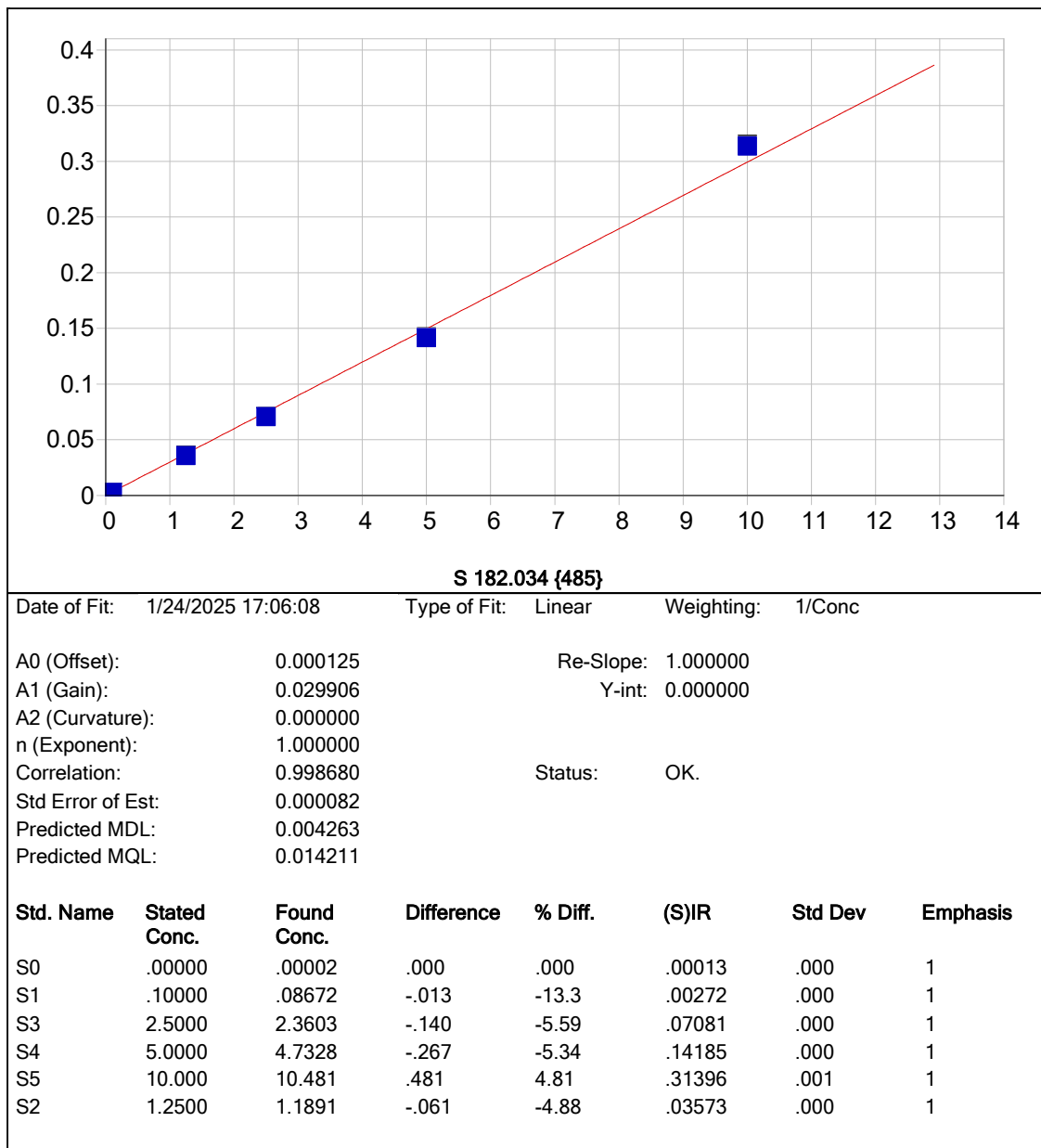


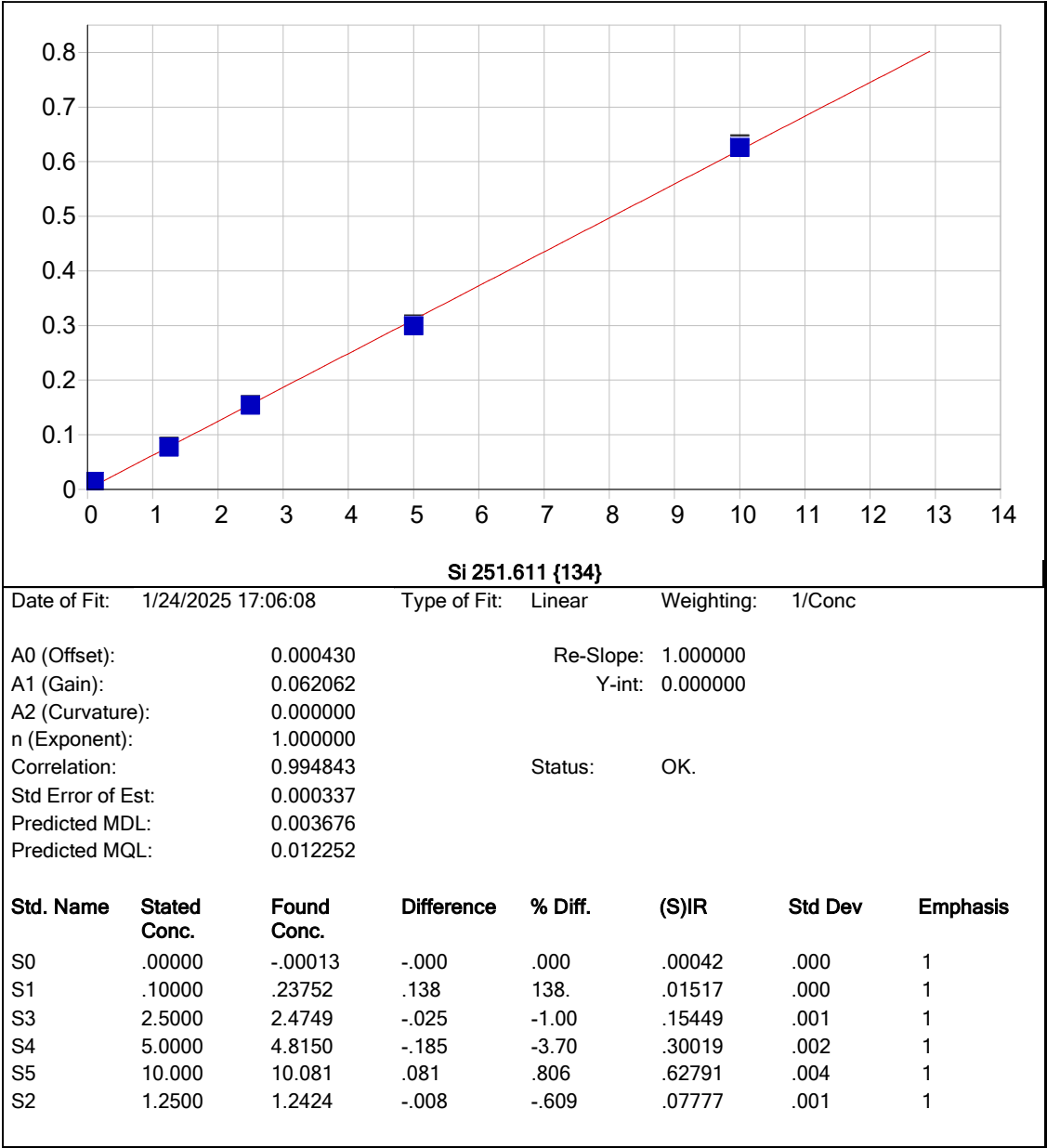


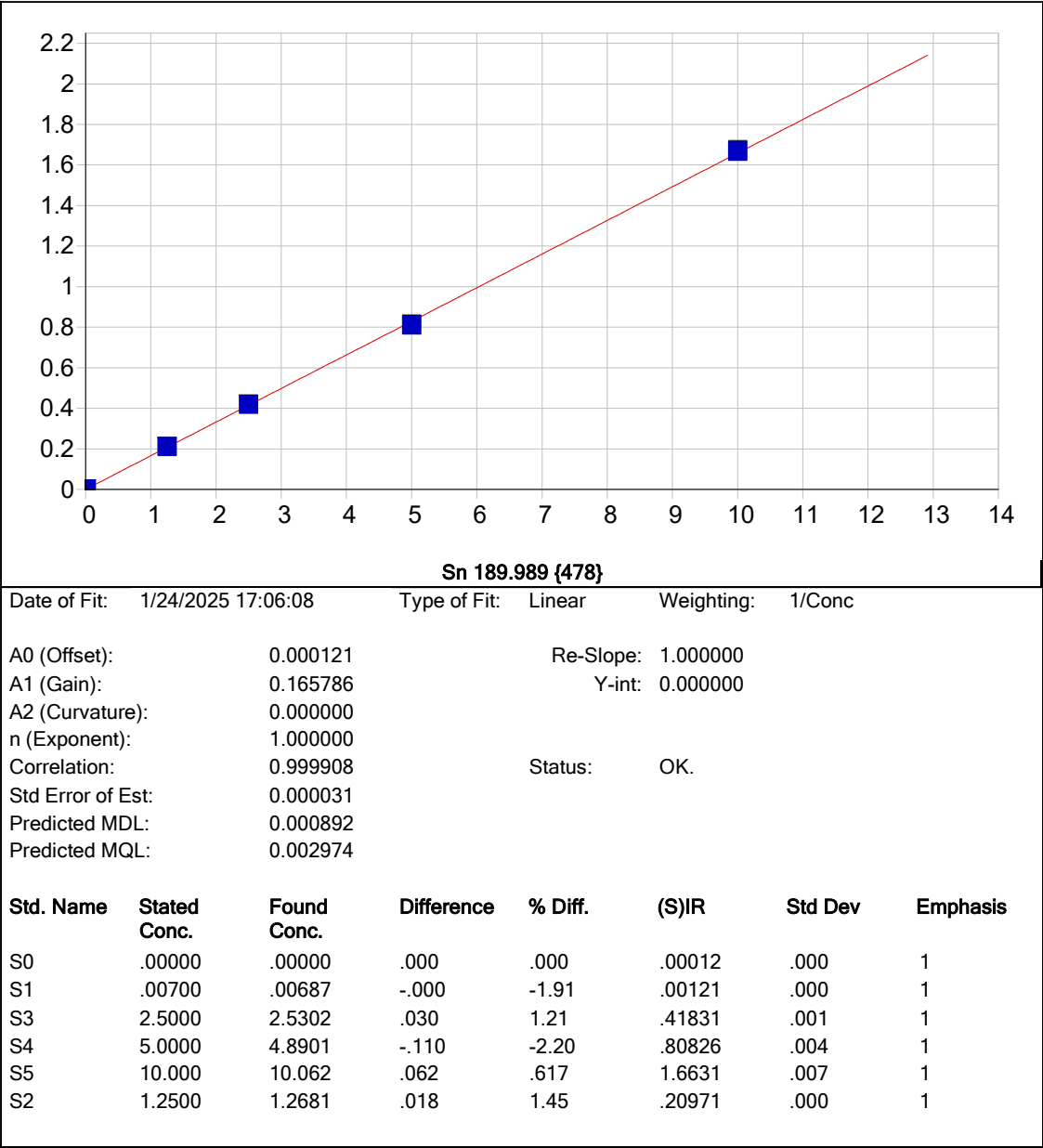




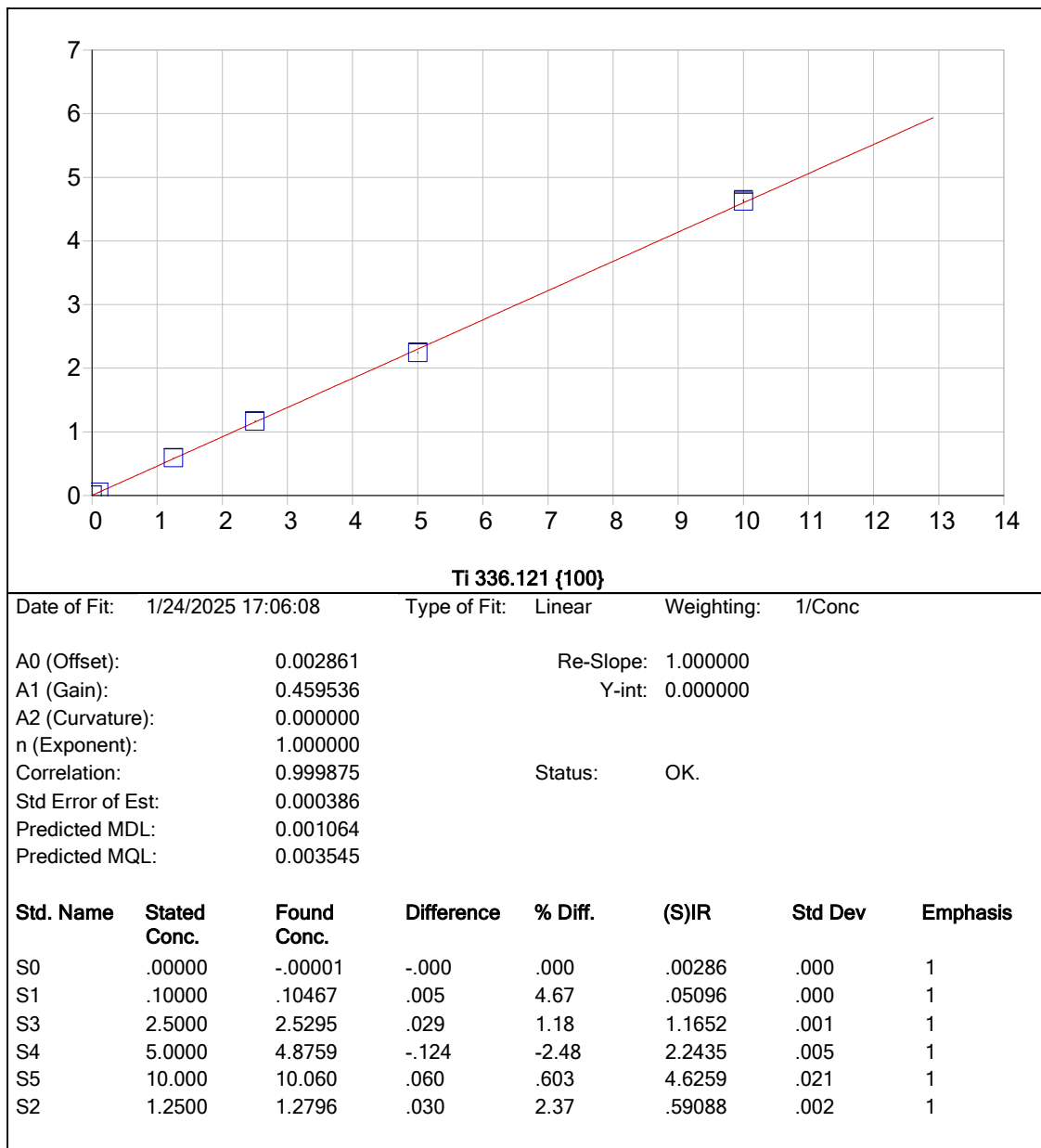


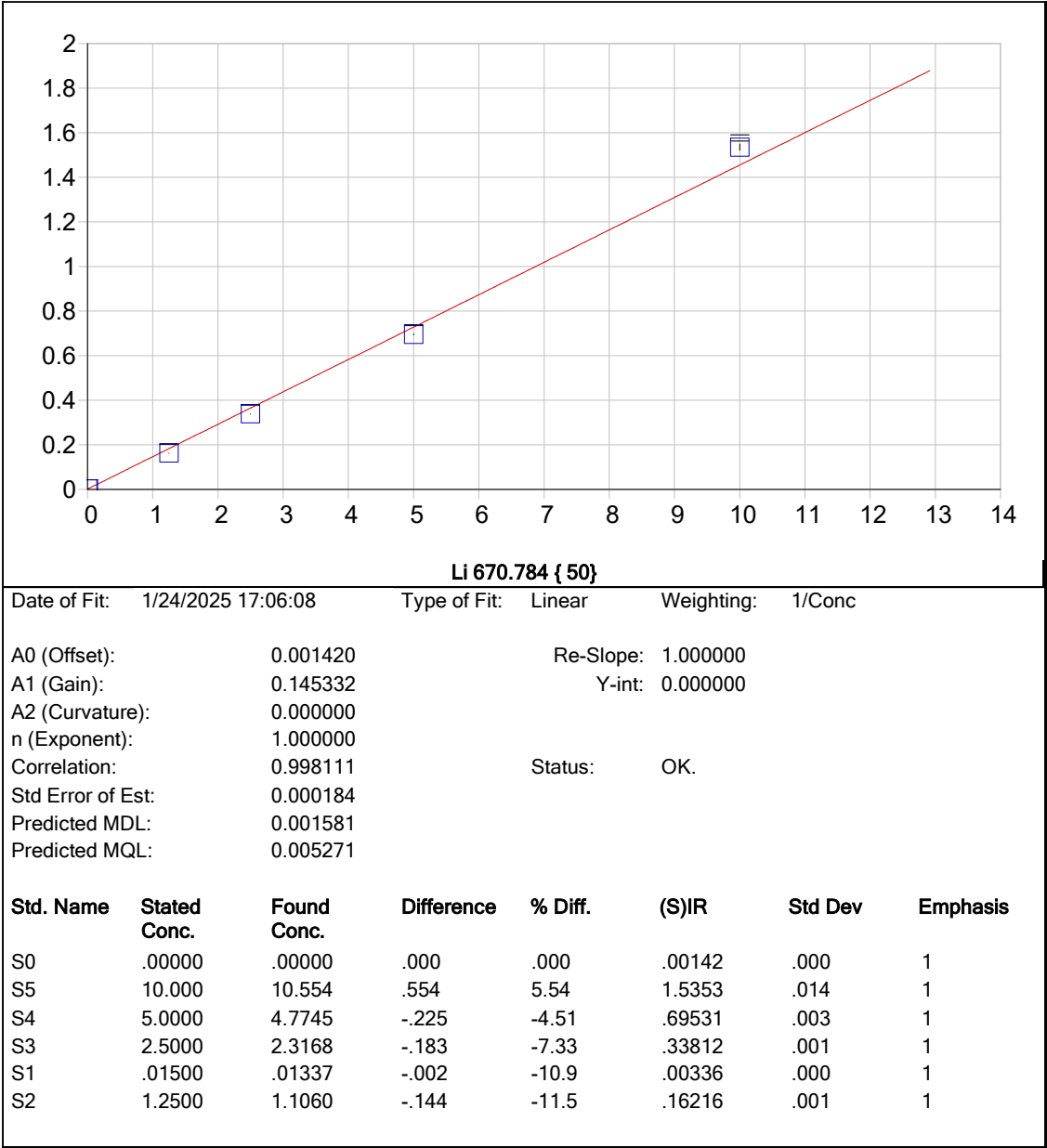


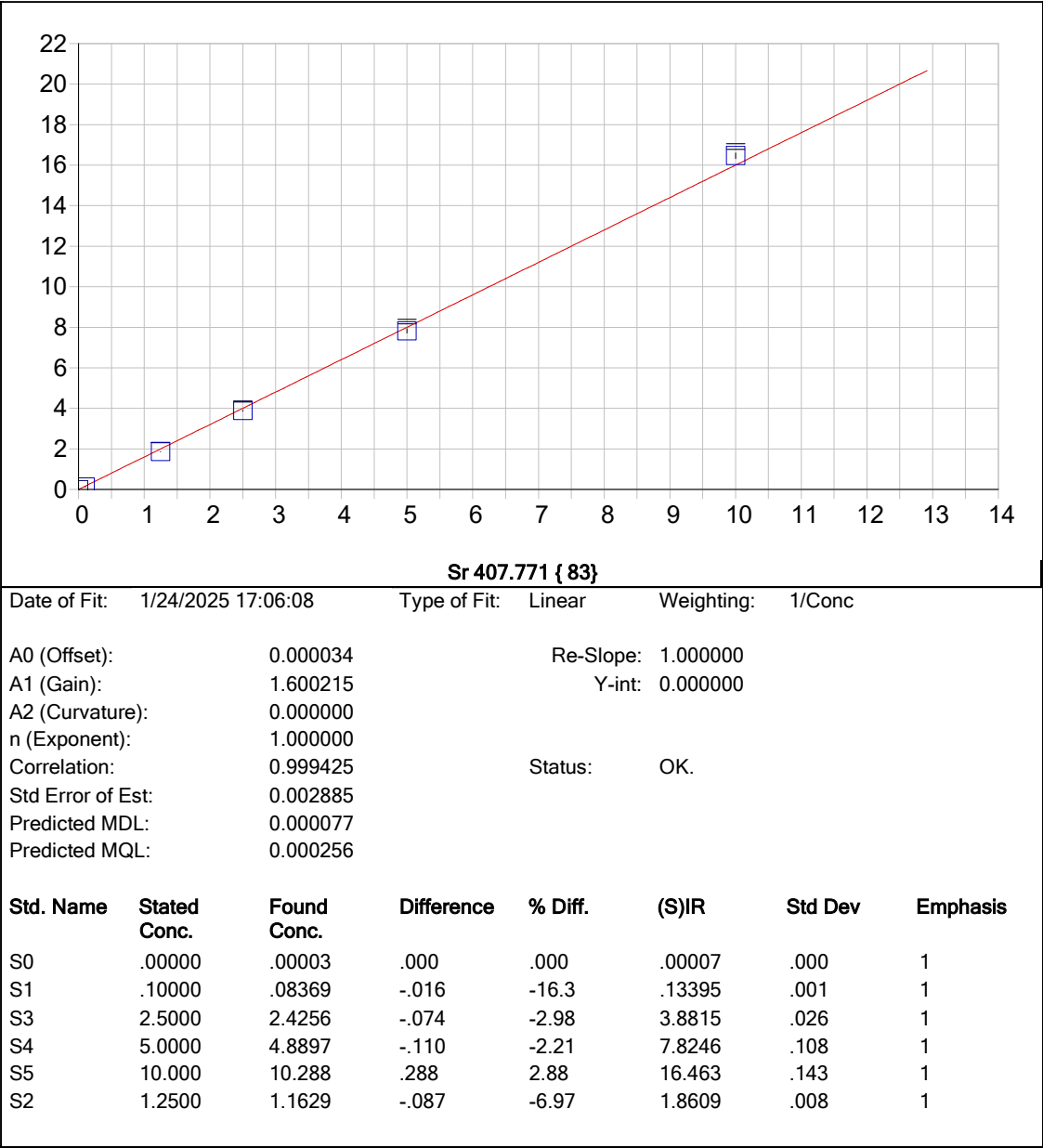


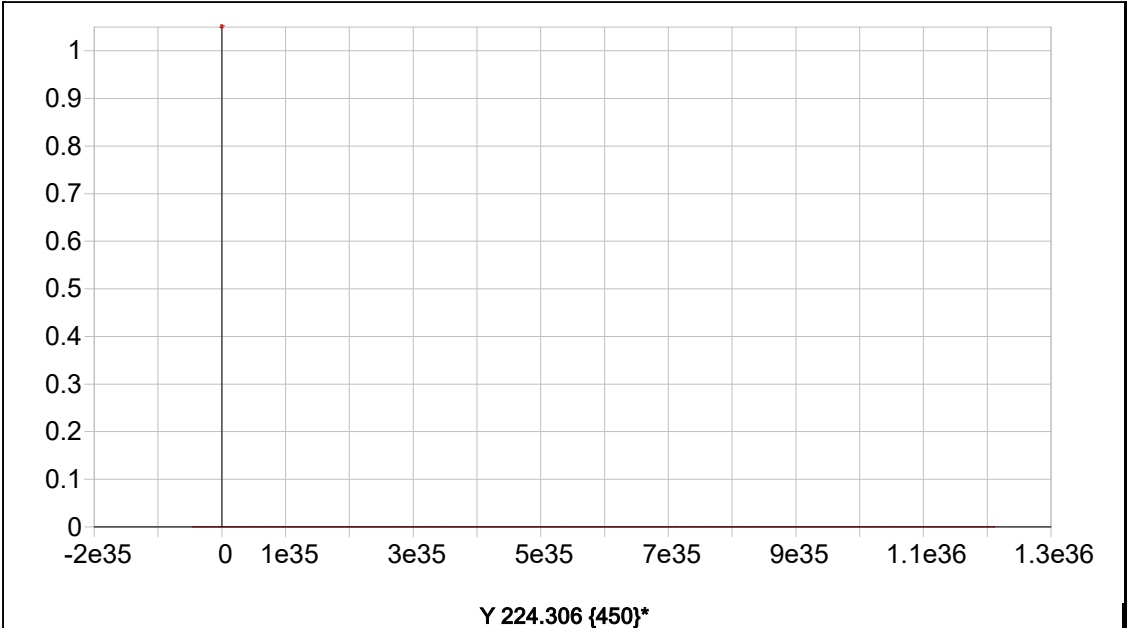












Date of Fit: 1/24/2025 17:06:08      Type of Fit: Linear      Weighting: 1/Conc

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

Y 360.073 { 94}\*

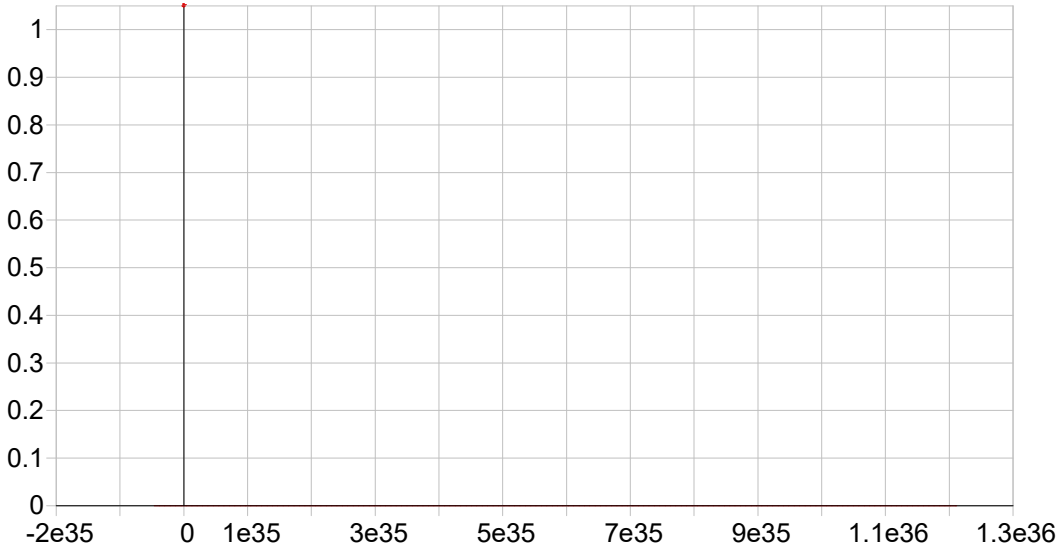
Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc

|              |          |           |          |
|--------------|----------|-----------|----------|
| 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  
Std Error of Est: 0.000000  
Predicted MDL: n/a  
Predicted MQL: n/a

Status: Warning Zero Gain

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



Y 371.030 { 91}\*

Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000  
A1 (Gain): 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.000000  
Std Error of Est: 0.000000  
Predicted MDL: n/a  
Predicted MQL: n/a

Re-Slope: 1.000000  
Y-int: 0.000000

Status: Warning Zero Gain

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



|                   |              |             |            |         |         |           |          |
|-------------------|--------------|-------------|------------|---------|---------|-----------|----------|
| 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: 1/24/2025 11:36:24      Type: Cal  
Method: EPA SFAM01.0(v55)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S0      Custom ID2:      Custom ID3:  
Comment:

|        |                |                |                |                |               |                |                |                |
|--------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|
| Elem   | As1890         | Tl1908         | Pb2203         | Se1960         | Sb2068        | Al3961         | Ba4934         | Be2348         |
| Units  | Cts/S          | Cts/S          | Cts/S          | Cts/S          | Cts/S         | Cts/S          | Cts/S          | Cts/S          |
| Avg    | <b>-.00012</b> | <b>.00025</b>  | <b>.00002</b>  | <b>.00046</b>  | <b>.00025</b> | <b>.00001</b>  | <b>.01042</b>  | <b>.00000</b>  |
| Stddev | .00008         | .00017         | .00005         | .00013         | .00011        | .00010         | .00014         | .00025         |
| %RSD   | 68.509         | 68.809         | 239.56         | 28.469         | 44.698        | 1395.7         | 1.3380         | 7129.6         |
| #1     | <b>-.00018</b> | <b>.00009</b>  | <b>.00002</b>  | <b>.00043</b>  | <b>.00015</b> | <b>-.00008</b> | <b>.01043</b>  | <b>.00030</b>  |
| #2     | <b>-.00016</b> | <b>.00023</b>  | <b>.00007</b>  | <b>.00060</b>  | <b>.00037</b> | <b>.00011</b>  | <b>.01028</b>  | <b>-.00014</b> |
| #3     | <b>-.00003</b> | <b>.00043</b>  | <b>-.00003</b> | <b>.00035</b>  | <b>.00021</b> | <b>-.00001</b> | <b>.01056</b>  | <b>-.00015</b> |
| Elem   | Cd2144         | Ca3736         | Cr2677         | Co2286         | Cu3247        | Fe2598         | Mn2576         | Mg2790         |
| Units  | Cts/S          | Cts/S          | Cts/S          | Cts/S          | Cts/S         | Cts/S          | Cts/S          | Cts/S          |
| Avg    | <b>-.00002</b> | <b>.00004</b>  | <b>-.00004</b> | <b>-.00008</b> | <b>.00440</b> | <b>-.00001</b> | <b>.00003</b>  | <b>.00001</b>  |
| Stddev | .00015         | .00005         | .00003         | .00017         | .00024        | .00002         | .00004         | .00002         |
| %RSD   | 799.33         | 110.79         | 83.935         | 216.38         | 5.4839        | 343.85         | 129.81         | 204.18         |
| #1     | <b>.00012</b>  | <b>.00001</b>  | <b>-.00000</b> | <b>-.00002</b> | <b>.00467</b> | <b>-.00001</b> | <b>.00006</b>  | <b>.00000</b>  |
| #2     | <b>-.00018</b> | <b>.00002</b>  | <b>-.00006</b> | <b>-.00028</b> | <b>.00429</b> | <b>.00002</b>  | <b>.00004</b>  | <b>.00004</b>  |
| #3     | <b>-.00000</b> | <b>.00009</b>  | <b>-.00006</b> | <b>.00005</b>  | <b>.00422</b> | <b>-.00002</b> | <b>-.00001</b> | <b>-.00001</b> |
| Elem   | Ni2316         | Ag3280         | Na8183         | V_2924         | Zn2138        | K_7698         | P_1774         | B_2496         |
| Units  | Cts/S          | Cts/S          | Cts/S          | Cts/S          | Cts/S         | Cts/S          | Cts/S          | Cts/S          |
| Avg    | <b>-.00032</b> | <b>-.00028</b> | <b>-.00233</b> | <b>-.00008</b> | <b>.00061</b> | <b>.00810</b>  | <b>-.00184</b> | <b>.00834</b>  |
| Stddev | .00033         | .00010         | .00098         | .00019         | .00047        | .00013         | .00004         | .00016         |
| %RSD   | 102.81         | 35.879         | 42.164         | 226.08         | 77.504        | 1.6272         | 2.0434         | 1.9753         |
| #1     | <b>-.00041</b> | <b>-.00021</b> | <b>-.00139</b> | <b>-.00024</b> | <b>.00028</b> | <b>.00798</b>  | <b>-.00180</b> | <b>.00832</b>  |
| #2     | <b>-.00059</b> | <b>-.00040</b> | <b>-.00334</b> | <b>-.00013</b> | <b>.00115</b> | <b>.00824</b>  | <b>-.00184</b> | <b>.00851</b>  |
| #3     | <b>.00005</b>  | <b>-.00024</b> | <b>-.00225</b> | <b>.00012</b>  | <b>.00039</b> | <b>.00807</b>  | <b>-.00188</b> | <b>.00818</b>  |
| Elem   | Mo2020         | S_1820         | Si2516         | Sn1899         | Ti3361        | Li6707         | Sr4077         |                |
| Units  | Cts/S          | Cts/S          | Cts/S          | Cts/S          | Cts/S         | Cts/S          | Cts/S          |                |
| Avg    | <b>.00046</b>  | <b>.00013</b>  | <b>.00042</b>  | <b>.00012</b>  | <b>.00286</b> | <b>.00142</b>  | <b>.00007</b>  |                |
| Stddev | .00015         | .00006         | .00013         | .00009         | .00032        | .00011         | .00006         |                |
| %RSD   | 32.264         | 44.565         | 31.486         | 77.582         | 11.027        | 7.7941         | 76.093         |                |
| #1     | <b>.00054</b>  | <b>.00010</b>  | <b>.00033</b>  | <b>.00003</b>  | <b>.00321</b> | <b>.00136</b>  | <b>.00006</b>  |                |
| #2     | <b>.00029</b>  | <b>.00019</b>  | <b>.00036</b>  | <b>.00022</b>  | <b>.00275</b> | <b>.00136</b>  | <b>.00003</b>  |                |
| #3     | <b>.00056</b>  | <b>.00009</b>  | <b>.00057</b>  | <b>.00011</b>  | <b>.00261</b> | <b>.00155</b>  | <b>.00014</b>  |                |



Sample Name: S0      Acquired: 1/24/2025 11:36:24      Type: Cal  
Method: EPA SFAM01.0(v55)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S0      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 3257.9 | 66907. | 9712.2 | 2362.3 | 3947.1 |
| Stddev    | 1.5    | 59.    | 60.8   | 8.6    | 2.9    |
| %RSD      | .04703 | .08886 | .62602 | .36263 | .07375 |
| #1        | 3258.4 | 66847. | 9691.0 | 2360.7 | 3945.1 |
| #2        | 3259.1 | 66966. | 9780.7 | 2371.6 | 3950.4 |
| #3        | 3256.2 | 66908. | 9664.7 | 2354.7 | 3945.7 |

Sample Name: S1      Acquired: 1/24/2025 11:40:39      Type: Cal  
Method: EPA SFAM01.0(v55)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934  | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .00069 | .00220 | .00222 | .00271 | .00903 | .00234 | .08509  | .02697 |
| Stddev | .00004 | .00008 | .00012 | .00006 | .00007 | .00011 | .00047  | .00073 |
| %RSD   | 5.8270 | 3.7527 | 5.5418 | 2.0291 | .82921 | 4.7598 | .54753  | 2.6926 |
| #1     | .00066 | .00226 | .00208 | .00275 | .00912 | .00236 | .08537  | .02626 |
| #2     | .00073 | .00223 | .00231 | .00265 | .00900 | .00245 | .08536  | .02771 |
| #3     | .00068 | .00210 | .00228 | .00274 | .00898 | .00222 | .08455  | .02694 |
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576  | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .01469 | .04233 | .00191 | .04533 | .00802 | .00050 | .00142  | .01391 |
| Stddev | .00008 | .00017 | .00009 | .00005 | .00015 | .00002 | .00002  | .00006 |
| %RSD   | .51172 | .41155 | 4.5339 | .12103 | 1.9025 | 3.2508 | 1.7446  | .40996 |
| #1     | .01476 | .04250 | .00194 | .04530 | .00808 | .00052 | .00144  | .01395 |
| #2     | .01471 | .04235 | .00197 | .04540 | .00784 | .00049 | .00143  | .01393 |
| #3     | .01461 | .04215 | .00181 | .04531 | .00812 | .00049 | .00139  | .01385 |
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774  | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .02608 | .00256 | .01121 | .00848 | .01711 | .02456 | -.00128 | .00687 |
| Stddev | .00012 | .00005 | .00022 | .00029 | .00015 | .00018 | .00008  | .00032 |
| %RSD   | .45369 | 2.0611 | 1.9616 | 3.4703 | .87110 | .72685 | 5.9867  | 4.6480 |
| #1     | .02621 | .00261 | .01107 | .00814 | .01725 | .02442 | -.00122 | .00661 |
| #2     | .02599 | .00251 | .01146 | .00866 | .01695 | .02476 | -.00126 | .00722 |
| #3     | .02605 | .00256 | .01109 | .00863 | .01712 | .02451 | -.00137 | .00678 |
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077  |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   |        |
| Avg    | .00642 | .00272 | .01517 | .00121 | .05096 | .00336 | .13395  |        |
| Stddev | .00015 | .00009 | .00000 | .00000 | .00038 | .00008 | .00080  |        |
| %RSD   | 2.3023 | 3.1749 | .02588 | .39133 | .74301 | 2.4816 | .59637  |        |
| #1     | .00651 | .00263 | .01517 | .00120 | .05135 | .00335 | .13458  |        |
| #2     | .00625 | .00273 | .01518 | .00121 | .05060 | .00345 | .13422  |        |
| #3     | .00650 | .00280 | .01517 | .00121 | .05093 | .00329 | .13305  |        |

Sample Name: S1      Acquired: 1/24/2025 11:40:39      Type: Cal  
Method: EPA SFAM01.0(v55)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S01      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 3369.5 | 67749. | 9722.3 | 2386.0 | 4100.4 |
| Stddev    | 2.0    | 226.   | 58.5   | 17.1   | 1.3    |
| %RSD      | .05921 | .33314 | .60174 | .71665 | .03125 |
| #1        | 3367.3 | 67833. | 9760.1 | 2390.0 | 4099.0 |
| #2        | 3370.1 | 67494. | 9654.9 | 2367.3 | 4100.8 |
| #3        | 3371.1 | 67921. | 9751.8 | 2400.8 | 4101.5 |

Sample Name: S2      Acquired: 1/24/2025 11:44:51      Type: Cal  
Method: EPA SFAM01.0(v55)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S02      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.07755</b> | <b>.10027</b> | <b>1.5827</b> | <b>.08666</b> | <b>.19572</b> | <b>.43093</b> | <b>.97055</b> | <b>.64870</b> |
| Stddev | .00051        | .00074        | .0026         | .00027        | .00088        | .00197        | .00363        | .00466        |
| %RSD   | .65941        | .73459        | .16503        | .30959        | .44856        | .45732        | .37418        | .71839        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.07734</b> | <b>.10089</b> | <b>1.5809</b> | <b>.08697</b> | <b>.19552</b> | <b>.42915</b> | <b>.96762</b> | <b>.65202</b> |
| #2 | <b>.07717</b> | <b>.09946</b> | <b>1.5816</b> | <b>.08649</b> | <b>.19496</b> | <b>.43305</b> | <b>.97461</b> | <b>.64337</b> |
| #3 | <b>.07813</b> | <b>.10047</b> | <b>1.5857</b> | <b>.08651</b> | <b>.19668</b> | <b>.43060</b> | <b>.96941</b> | <b>.65070</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2144        | Ca3736        | Cr2677        | Co2286        | Cu3247        | Fe2598        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.8853</b> | <b>.52649</b> | <b>.70919</b> | <b>.58961</b> | <b>.54827</b> | <b>.19765</b> | <b>.35107</b> | <b>.18307</b> |
| Stddev | .0051         | .00223        | .00092        | .00134        | .00245        | .00082        | .00130        | .00065        |
| %RSD   | .26959        | .42419        | .12914        | .22795        | .44669        | .41394        | .36903        | .35607        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>1.8884</b> | <b>.52519</b> | <b>.70963</b> | <b>.58908</b> | <b>.55019</b> | <b>.19683</b> | <b>.35063</b> | <b>.18271</b> |
| #2 | <b>1.8794</b> | <b>.52907</b> | <b>.70813</b> | <b>.58862</b> | <b>.54551</b> | <b>.19846</b> | <b>.35253</b> | <b>.18382</b> |
| #3 | <b>1.8881</b> | <b>.52522</b> | <b>.70980</b> | <b>.59114</b> | <b>.54911</b> | <b>.19766</b> | <b>.35006</b> | <b>.18267</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na8183        | V_2924        | Zn2138        | K_7698        | P_1774        | B_2496        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.42487</b> | <b>.08405</b> | <b>.09552</b> | <b>.09784</b> | <b>1.0322</b> | <b>.13663</b> | <b>.06214</b> | <b>.59874</b> |
| Stddev | .00021        | .00002        | .00046        | .00083        | .0079         | .00080        | .00014        | .00469        |
| %RSD   | .04866        | .02090        | .48084        | .84631        | .76635        | .58306        | .21910        | .78393        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.42492</b> | <b>.08403</b> | <b>.09543</b> | <b>.09818</b> | <b>1.0342</b> | <b>.13573</b> | <b>.06226</b> | <b>.60164</b> |
| #2 | <b>.42464</b> | <b>.08406</b> | <b>.09510</b> | <b>.09689</b> | <b>1.0390</b> | <b>.13725</b> | <b>.06199</b> | <b>.59332</b> |
| #3 | <b>.42504</b> | <b>.08407</b> | <b>.09601</b> | <b>.09844</b> | <b>1.0235</b> | <b>.13691</b> | <b>.06216</b> | <b>.60125</b> |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>.76318</b> | <b>.03573</b> | <b>.07777</b> | <b>.20971</b> | <b>.59088</b> | <b>.16216</b> | <b>1.8609</b> |  |
| Stddev | .00197        | .00013        | .00058        | .00009        | .00202        | .00074        | .0076         |  |
| %RSD   | .25872        | .37161        | .74548        | .04420        | .34271        | .45706        | .40627        |  |

|    |               |               |               |               |               |               |               |  |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| #1 | <b>.76215</b> | <b>.03585</b> | <b>.07762</b> | <b>.20963</b> | <b>.59055</b> | <b>.16155</b> | <b>1.8680</b> |  |
| #2 | <b>.76193</b> | <b>.03559</b> | <b>.07728</b> | <b>.20968</b> | <b>.58905</b> | <b>.16298</b> | <b>1.8530</b> |  |
| #3 | <b>.76546</b> | <b>.03575</b> | <b>.07841</b> | <b>.20981</b> | <b>.59305</b> | <b>.16194</b> | <b>1.8616</b> |  |

Sample Name: S2      Acquired: 1/24/2025 11:44:51      Type: Cal  
Method: EPA SFAM01.0(v55)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S02      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 3061.2 | 64764. | 9667.8 | 2264.3 | 3581.5 |
| Stddev    | 7.3    | 32.    | 44.4   | 3.3    | 4.7    |
| %RSD      | .23979 | .04952 | .45906 | .14480 | .13204 |
| #1        | 3062.8 | 64796. | 9642.8 | 2260.9 | 3579.5 |
| #2        | 3067.6 | 64732. | 9719.0 | 2264.5 | 3587.0 |
| #3        | 3053.2 | 64763. | 9641.5 | 2267.4 | 3578.2 |

Sample Name: S3      Acquired: 1/24/2025 11:48:56      Type: Cal  
Method: EPA SFAM01.0(v55)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S03      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.15463</b> | <b>.19448</b> | <b>3.1534</b> | <b>.17036</b> | <b>.39667</b> | <b>.90825</b> | <b>2.0128</b> | <b>1.3075</b> |
| Stddev | .00046        | .00172        | .0023         | .00037        | .00113        | .00267        | .0069         | .0047         |
| %RSD   | .30048        | .88646        | .07353        | .21905        | .28577        | .29374        | .34267        | .36292        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.15446</b> | <b>.19301</b> | <b>3.1529</b> | <b>.17018</b> | <b>.39547</b> | <b>.90891</b> | <b>2.0161</b> | <b>1.3028</b> |
| #2 | <b>.15426</b> | <b>.19404</b> | <b>3.1514</b> | <b>.17012</b> | <b>.39772</b> | <b>.90532</b> | <b>2.0049</b> | <b>1.3123</b> |
| #3 | <b>.15515</b> | <b>.19638</b> | <b>3.1559</b> | <b>.17079</b> | <b>.39683</b> | <b>.91053</b> | <b>2.0174</b> | <b>1.3075</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2144        | Ca3736        | Cr2677        | Co2286        | Cu3247        | Fe2598        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>3.7378</b> | <b>1.0936</b> | <b>1.4349</b> | <b>1.1751</b> | <b>1.0777</b> | <b>.40714</b> | <b>.72464</b> | <b>.38360</b> |
| Stddev | .0085         | .0015         | .0027         | .0015         | .0008         | .00055        | .00092        | .00022        |
| %RSD   | .22652        | .14128        | .18938        | .13027        | .07837        | .13400        | .12754        | .05776        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>3.7331</b> | <b>1.0946</b> | <b>1.4321</b> | <b>1.1740</b> | <b>1.0776</b> | <b>.40715</b> | <b>.72510</b> | <b>.38343</b> |
| #2 | <b>3.7327</b> | <b>1.0918</b> | <b>1.4375</b> | <b>1.1744</b> | <b>1.0770</b> | <b>.40659</b> | <b>.72358</b> | <b>.38351</b> |
| #3 | <b>3.7476</b> | <b>1.0944</b> | <b>1.4352</b> | <b>1.1768</b> | <b>1.0787</b> | <b>.40768</b> | <b>.72525</b> | <b>.38385</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na8183        | V_2924        | Zn2138        | K_7698        | P_1774        | B_2496        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.84021</b> | <b>.17503</b> | <b>.19015</b> | <b>.19440</b> | <b>2.1125</b> | <b>.28386</b> | <b>.12462</b> | <b>1.1951</b> |
| Stddev | .00057        | .00060        | .00157        | .00068        | .0143         | .00089        | .00014        | .0051         |
| %RSD   | .06750        | .34374        | .82774        | .35091        | .67800        | .31459        | .11047        | .42541        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.83956</b> | <b>.17443</b> | <b>.19129</b> | <b>.19400</b> | <b>2.1179</b> | <b>.28460</b> | <b>.12453</b> | <b>1.1899</b> |
| #2 | <b>.84053</b> | <b>.17563</b> | <b>.18836</b> | <b>.19401</b> | <b>2.0963</b> | <b>.28287</b> | <b>.12455</b> | <b>1.2001</b> |
| #3 | <b>.84055</b> | <b>.17504</b> | <b>.19081</b> | <b>.19518</b> | <b>2.1234</b> | <b>.28412</b> | <b>.12478</b> | <b>1.1954</b> |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>1.5412</b> | <b>.07081</b> | <b>.15449</b> | <b>.41831</b> | <b>1.1652</b> | <b>.33812</b> | <b>3.8815</b> |  |
| Stddev | .0039         | .00019        | .00051        | .00088        | .0009         | .00111        | .0263         |  |
| %RSD   | .25184        | .26515        | .32904        | .20986        | .07753        | .32823        | .67886        |  |

|    |               |               |               |               |               |               |               |  |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| #1 | <b>1.5378</b> | <b>.07063</b> | <b>.15391</b> | <b>.41751</b> | <b>1.1642</b> | <b>.33929</b> | <b>3.8906</b> |  |
| #2 | <b>1.5403</b> | <b>.07079</b> | <b>.15474</b> | <b>.41818</b> | <b>1.1659</b> | <b>.33708</b> | <b>3.9020</b> |  |
| #3 | <b>1.5454</b> | <b>.07100</b> | <b>.15482</b> | <b>.41925</b> | <b>1.1656</b> | <b>.33801</b> | <b>3.8517</b> |  |

Sample Name: S3      Acquired: 1/24/2025 11:48:56      Type: Cal  
Method: EPA SFAM01.0(v55)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S03      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 3035.2 | 61460. | 9580.2 | 2172.7 | 3547.2 |
| Stddev    | 3.0    | 122.   | 36.6   | 5.8    | 2.4    |
| %RSD      | .09780 | .19843 | .38237 | .26690 | .06793 |
| #1        | 3038.5 | 61555. | 9610.6 | 2170.8 | 3547.2 |
| #2        | 3034.4 | 61322. | 9539.6 | 2179.2 | 3549.6 |
| #3        | 3032.8 | 61502. | 9590.5 | 2168.1 | 3544.7 |

Sample Name: S4      Acquired: 1/24/2025 11:52:54      Type: Cal  
Method: EPA SFAM01.0(v55)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S04      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.31151</b> | <b>.36979</b> | <b>6.1058</b> | <b>.33992</b> | <b>.80003</b> | <b>1.8389</b> | <b>3.9800</b> | <b>2.4543</b> |
| Stddev | .00201        | .00150        | .0323         | .00163        | .00351        | .0074         | .0107         | .0038         |
| %RSD   | .64574        | .40652        | .52866        | .47912        | .43836        | .40291        | .26803        | .15529        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .31032 | .36940 | 6.0898 | .33881 | .79850 | 1.8306 | 3.9906 | 2.4505 |
| #2 | .31038 | .36851 | 6.0846 | .33917 | .79754 | 1.8417 | 3.9693 | 2.4581 |
| #3 | .31383 | .37144 | 6.1429 | .34179 | .80404 | 1.8446 | 3.9800 | 2.4544 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2144        | Ca3736        | Cr2677        | Co2286        | Cu3247        | Fe2598        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>7.1758</b> | <b>2.1640</b> | <b>2.7148</b> | <b>2.2676</b> | <b>2.1229</b> | <b>.79679</b> | <b>1.4361</b> | <b>.76914</b> |
| Stddev | .0404         | .0082         | .0063         | .0111         | .0059         | .00288        | .0060         | .00370        |
| %RSD   | .56309        | .37814        | .23287        | .48711        | .27744        | .36177        | .41840        | .48043        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.1683 | 2.1546 | 2.7092 | 2.2624 | 2.1190 | .79353 | 1.4294 | .76501 |
| #2 | 7.1397 | 2.1674 | 2.7135 | 2.2601 | 2.1297 | .79787 | 1.4378 | .77027 |
| #3 | 7.2194 | 2.1699 | 2.7217 | 2.2803 | 2.1201 | .79898 | 1.4411 | .77214 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na8183        | V_2924        | Zn2138        | K_7698        | P_1774        | B_2496        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.6142</b> | <b>.34411</b> | <b>.37431</b> | <b>.37453</b> | <b>4.2220</b> | <b>.56368</b> | <b>.24746</b> | <b>2.2133</b> |
| Stddev | .0077         | .00034        | .00102        | .00162        | .0158         | .00264        | .00070        | .0042         |
| %RSD   | .47959        | .09938        | .27340        | .43136        | .37493        | .46790        | .28311        | .19032        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.6095 | .34384 | .37348 | .37268 | 4.2177 | .56066 | .24753 | 2.2111 |
| #2 | 1.6100 | .34400 | .37545 | .37569 | 4.2395 | .56484 | .24672 | 2.2182 |
| #3 | 1.6232 | .34449 | .37399 | .37521 | 4.2087 | .56554 | .24811 | 2.2106 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Li6707        | Sr4077        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>3.0435</b> | <b>.14185</b> | <b>.30019</b> | <b>.80826</b> | <b>2.2435</b> | <b>.69531</b> | <b>7.8246</b> |
| Stddev | .0145         | .00038        | .00212        | .00352        | .0054         | .00257        | .1082         |
| %RSD   | .47732        | .26791        | .70689        | .43511        | .23877        | .36937        | 1.3826        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.0377 | .14170 | .29782 | .80677 | 2.2378 | .69250 | 7.7379 |
| #2 | 3.0327 | .14158 | .30193 | .80574 | 2.2483 | .69590 | 7.7900 |
| #3 | 3.0600 | .14229 | .30081 | .81228 | 2.2445 | .69753 | 7.9458 |



Sample Name: S4      Acquired: 1/24/2025 11:52:54      Type: Cal  
Method: EPA SFAM01.0(v55)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S04      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2801.7 | 59191. | 9538.7 | 2065.0 | 3310.2 |
| Stddev    | 12.2   | 47.    | 14.6   | 9.1    | 13.3   |
| %RSD      | .43674 | .08022 | .15294 | .44118 | .40087 |
| #1        | 2804.9 | 59236. | 9531.1 | 2058.4 | 3317.0 |
| #2        | 2812.0 | 59197. | 9529.6 | 2061.1 | 3318.6 |
| #3        | 2788.1 | 59141. | 9555.6 | 2075.4 | 3294.9 |

Sample Name: S5      Acquired: 1/24/2025 11:56:56      Type: Cal  
Method: EPA SFAM01.0(v55)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S05      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.71031</b> | <b>.75220</b> | <b>12.637</b> | <b>.76569</b> | <b>1.8048</b> | <b>3.9487</b> | <b>8.5814</b> | <b>5.0339</b> |
| Stddev | .00363        | .00845        | .055          | .00267        | .0098         | .0293         | .1257         | .0376         |
| %RSD   | .51045        | 1.1233        | .43672        | .34922        | .54194        | .74299        | 1.4647        | .74638        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .71344 | .74247 | 12.676 | .76852 | 1.8138 | 3.9788 | 8.5435 | 5.0260 |
| #2 | .71116 | .75770 | 12.662 | .76532 | 1.8062 | 3.9473 | 8.4790 | 5.0008 |
| #3 | .70634 | .75644 | 12.574 | .76321 | 1.7944 | 3.9202 | 8.7217 | 5.0747 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2144        | Ca3736        | Cr2677        | Co2286        | Cu3247        | Fe2598        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>14.650</b> | <b>4.5358</b> | <b>5.4136</b> | <b>4.6788</b> | <b>4.5112</b> | <b>1.6592</b> | <b>2.9772</b> | <b>1.6503</b> |
| Stddev | .044          | .0322         | .0175         | .0218         | .0229         | .0162         | .0096         | .0132         |
| %RSD   | .30223        | .71036        | .32248        | .46669        | .50806        | .97674        | .32233        | .79702        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 14.658 | 4.5725 | 5.4321 | 4.6967 | 4.5251 | 1.6740 | 2.9791 | 1.6622 |
| #2 | 14.690 | 4.5226 | 5.3974 | 4.6852 | 4.4848 | 1.6615 | 2.9668 | 1.6524 |
| #3 | 14.602 | 4.5123 | 5.4114 | 4.6545 | 4.5238 | 1.6419 | 2.9857 | 1.6362 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na8183        | V_2924        | Zn2138        | K_7698        | P_1774        | B_2496        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>3.3162</b> | <b>.74156</b> | <b>.80293</b> | <b>.77076</b> | <b>8.9863</b> | <b>1.2174</b> | <b>.54399</b> | <b>4.4274</b> |
| Stddev | .0154         | .00277        | .00655        | .00251        | .0306         | .0145         | .00172        | .0276         |
| %RSD   | .46397        | .37301        | .81575        | .32605        | .34026        | 1.1941        | .31572        | .62388        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.3286 | .74473 | .80140 | .77273 | 8.9830 | 1.2295 | .54236 | 4.4226 |
| #2 | 3.3210 | .74031 | .79728 | .76793 | 9.0184 | 1.2214 | .54579 | 4.4025 |
| #3 | 3.2990 | .73964 | .81011 | .77162 | 8.9576 | 1.2013 | .54382 | 4.4571 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Li6707        | Sr4077        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>6.6034</b> | <b>.31396</b> | <b>.62791</b> | <b>1.6631</b> | <b>4.6259</b> | <b>1.5353</b> | <b>16.463</b> |
| Stddev | .0242         | .00104        | .00445        | .0069         | .0205         | .0140         | .143          |
| %RSD   | .36672        | .33070        | .70872        | .41207        | .44335        | .91082        | .86836        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.6251 | .31440 | .62848 | 1.6663 | 4.6422 | 1.5494 | 16.595 |
| #2 | 6.6080 | .31470 | .62321 | 1.6677 | 4.6029 | 1.5351 | 16.312 |
| #3 | 6.5773 | .31277 | .63205 | 1.6552 | 4.6328 | 1.5214 | 16.483 |

Sample Name: S5      Acquired: 1/24/2025 11:56:56      Type: Cal  
Method: EPA SFAM01.0(v55)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S05      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2365.6 | 54783. | 9109.2 | 1900.2 | 2925.1 |
| Stddev    | 13.3   | 213.   | 65.4   | 6.8    | 13.7   |
| %RSD      | .56389 | .38941 | .71782 | .35583 | .46785 |
| #1        | 2353.3 | 54542. | 9119.1 | 1904.3 | 2914.2 |
| #2        | 2363.7 | 54863. | 9169.0 | 1892.4 | 2920.6 |
| #3        | 2379.8 | 54945. | 9039.4 | 1903.9 | 2940.5 |

Sample Name: S6      Acquired: 1/24/2025 12:01:34      Type: Cal  
Method: EPA SFAM01.0(v55)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S06      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Elem   | Al3961 | Ca3736 | Fe2598 | Mg2790 | Na8183 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 10.174 | 7.1941 | 4.2232 | 2.6147 | 2.2269 |
| Stddev | .147   | .0667  | .0217  | .0116  | .0078  |
| %RSD   | 1.4444 | .92684 | .51374 | .44366 | .34866 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 10.336 | 7.2614 | 4.2401 | 2.6130 | 2.2358 |
| #2 | 10.135 | 7.1928 | 4.1987 | 2.6041 | 2.2213 |
| #3 | 10.050 | 7.1280 | 4.2307 | 2.6271 | 2.2235 |

|           |        |        |
|-----------|--------|--------|
| Int. Std. | Y_3600 | Y_3710 |
| Units     | Cts/S  | Cts/S  |
| Avg       | 52672. | 8914.9 |
| Stddev    | 97.    | 57.5   |
| %RSD      | .18373 | .64482 |

|    |        |        |
|----|--------|--------|
| #1 | 52584. | 8866.3 |
| #2 | 52776. | 8900.0 |
| #3 | 52657. | 8978.3 |

Sample Name: ICV002      Acquired: 1/24/2025 12:18:05      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9966276 | 1.041310 | .9806952 | 1.074974 | .9533085 | 2.536008 |
| Stddev | .0030505 | .008283  | .0018632 | .001886  | .0018634 | .002215  |
| %RSD   | .3060852 | .7954310 | .1899904 | .1754027 | .1954671 | .0873455 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9978758 | 1.033761 | .9785459 | 1.072804 | .9554095 | 2.538487 |
| #2 | .9931509 | 1.050170 | .9818530 | 1.075900 | .9518559 | 2.535318 |
| #3 | .9988561 | 1.040000 | .9816867 | 1.076218 | .9526600 | 2.534221 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5473226 | .4879251 | .4922237 | 10.40321 | .5343735 | .4780483 |
| Stddev | .0023518 | .0023403 | .0020869 | .02219   | .0013399 | .0012368 |
| %RSD   | .4296902 | .4796509 | .4239721 | .2133408 | .2507443 | .2587276 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5499644 | .4901384 | .4901620 | 10.41887 | .5358250 | .4771735 |
| #2 | .5454569 | .4881612 | .4921740 | 10.37781 | .5341116 | .4775081 |
| #3 | .5465466 | .4854756 | .4943349 | 10.41296 | .5331839 | .4794634 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4659737 | 9.844701 | .5540937 | 5.845494 | .4937488 | .2510338 |
| Stddev | .0011549 | .010330  | .0015653 | .010044  | .0014849 | .0010678 |
| %RSD   | .2478364 | .1049256 | .2824874 | .1718239 | .3007385 | .4253693 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4668941 | 9.836984 | .5556670 | 5.850130 | .4924924 | .2522455 |
| #2 | .4663490 | 9.856436 | .5525367 | 5.833969 | .4933667 | .2506256 |
| #3 | .4646778 | 9.840684 | .5540774 | 5.852382 | .4953875 | .2502303 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 10.04263 | .4979457 | .9352282 | 9.280138 | 4.980286 | F .0423791 |
| Stddev | .15852   | .0028277 | .0019450 | .056937  | .007424  | .0004494   |
| %RSD   | 1.578464 | .5678655 | .2079648 | .6135367 | .1490594 | 1.060516   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.88696  | .4972589 | .9351507 | 9.339302 | 4.971714 | .0419448 |
| #2 | 10.20385 | .4955246 | .9333231 | 9.225726 | 4.984536 | .0428422 |
| #3 | 10.03707 | .5010534 | .9372107 | 9.275386 | 4.984608 | .0423502 |

Sample Name: ICV002      Acquired: 1/24/2025 12:18:05      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |            |
|--------|----------|----------|------------|----------|------------|------------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361     | Li6707     |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm        |
| Avg    | 5.206735 | 4.845099 | F .0090548 | 5.451312 | F 5.549189 | F 3.643030 |
| Stddev | .003455  | .017333  | .0024338   | .019351  | .015104    | .011660    |
| %RSD   | .0663600 | .3577431 | 26.87814   | .3549711 | .2721768   | .3200661   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.202767 | 4.825146 | .0070720 | 5.431909 | 5.566335 | 3.655425 |
| #2 | 5.209075 | 4.853720 | .0117709 | 5.451416 | 5.543377 | 3.632279 |
| #3 | 5.208364 | 4.856432 | .0083216 | 5.470610 | 5.537854 | 3.641387 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 5.101864 |
| Stddev | .031380  |
| %RSD   | .6150649 |

|    |          |
|----|----------|
| #1 | 5.138004 |
| #2 | 5.086050 |
| #3 | 5.081537 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3207.635 | 64644.29 | 9904.828 | 2260.576 | 3822.334 |
| Stddev    | 5.770    | 113.55   | 38.528   | 2.584    | 6.302    |
| %RSD      | .1798918 | .1756591 | .3889854 | .1142961 | .1648623 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3201.525 | 64513.68 | 9862.562 | 2257.957 | 3821.066 |
| #2 | 3212.992 | 64699.57 | 9913.936 | 2263.123 | 3829.173 |
| #3 | 3208.388 | 64719.62 | 9937.987 | 2260.648 | 3816.763 |

Sample Name: ICB002      Acquired: 1/24/2025 12:23:40      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007547 | .0009411 | -.000847 | -.000564 | -.000052 | -.007351 | -.004572 |
| Stddev | .0005386 | .0014525 | .001318  | .001964  | .001672  | .012831  | .000158  |
| %RSD   | 71.36058 | 154.3382 | 155.7042 | 348.3569 | 3222.198 | 174.5412 | 3.455521 |
| #1     | .0013731 | -.000674 | .000533  | .001587  | .001389  | -.004419 | -.004390 |
| #2     | .0005024 | .002141  | -.002093 | -.001017 | .000341  | .003759  | -.004667 |
| #3     | .0003886 | .001357  | -.000980 | -.002261 | -.001886 | -.021394 | -.004659 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000040 | .0000232 | .0006320 | .0001370 | .0000643 | .0006233 | .0006540 |
| Stddev | .000052  | .0000234 | .0004608 | .0001293 | .0002953 | .0005218 | .0045196 |
| %RSD   | 128.7651 | 101.0579 | 72.90490 | 94.36978 | 459.2197 | 83.72161 | 691.0382 |
| #1     | -.000092 | .0000395 | .0011415 | .0002551 | .0002524 | .0006914 | -.000251 |
| #2     | -.000040 | -.000004 | .0002444 | -.000001 | -.000276 | .0011076 | .005558  |
| #3     | .000012  | .000034  | .0005102 | .000157  | .000217  | .0000707 | -.003344 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000585 | -.020872 | -.000056 | .0003540 | -.001341 | .0006618 | -.001001 |
| Stddev | .000284  | .016322  | .000145  | .0002776 | .546538  | .0009796 | .001509  |
| %RSD   | 48.53978 | 78.19962 | 258.6347 | 78.42743 | 40755.99 | 148.0244 | 150.7172 |
| #1     | -.000517 | -.012265 | -.000059 | .0000818 | .318564  | .0011253 | .000543  |
| #2     | -.000896 | -.039697 | .000090  | .0003433 | .309822  | .0013236 | -.002471 |
| #3     | -.000341 | -.010656 | -.000200 | .0006368 | -.632409 | -.000464 | -.001075 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.393331 | .0038874 | -.008046 | -.000540 | .0003852 | .0000070 | .0002572 |
| Stddev | .058310  | .0012919 | .000571  | .000157  | .0028319 | .0022215 | .0001268 |
| %RSD   | 14.82461 | 33.23203 | 7.097147 | 28.99508 | 735.1462 | 31970.20 | 49.30425 |
| #1     | -.410675 | .0048397 | -.007857 | -.000589 | -.002732 | .0025279 | .0001239 |
| #2     | -.441002 | .0024169 | -.008687 | -.000667 | .002799  | -.001664 | .0003763 |
| #3     | -.328317 | .0044056 | -.007593 | -.000365 | .001089  | -.000843 | .0002713 |

Sample Name: ICB002      Acquired: 1/24/2025 12:23:40      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB002      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000317</b> | <b>-.002641</b> | <b>.0000141</b> |
| Stddev | .001110         | .000195         | .0000425        |
| %RSD   | 350.5903        | 7.385761        | 301.3899        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000461</b> | <b>-.002865</b> | <b>.0000629</b> |
| #2 | <b>-.001347</b> | <b>-.002515</b> | <b>-.000016</b> |
| #3 | <b>.000859</b>  | <b>-.002542</b> | <b>-.000005</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3251.152</b> | <b>65705.12</b> | <b>9468.311</b> | <b>2321.034</b> | <b>3956.199</b> |
| Stddev    | 12.748          | 150.09          | 15.857          | 11.946          | 9.352           |
| %RSD      | .3921201        | .2284298        | .1674700        | .5146861        | .2363984        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3236.580 | 65815.48 | 9456.350 | 2318.905 | 3945.493 |
| #2 | 3260.246 | 65765.65 | 9486.297 | 2333.902 | 3962.782 |
| #3 | 3256.629 | 65534.21 | 9462.286 | 2310.296 | 3960.321 |



Sample Name: ICSA002      Acquired: 1/24/2025 12:29:44      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA002      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000429</b> | <b>.0062674</b> | <b>.0040018</b> | <b>.0252494</b> | <b>.0091597</b> | <b>237.1890</b> |
| Stddev | .000252         | .0038480        | .0019703        | .0039669        | .0013016        | 1.2825          |
| %RSD   | 58.62761        | 61.39724        | 49.23653        | 15.71102        | 14.21005        | .5407135        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000682</b> | <b>.0104393</b> | <b>.0059524</b> | <b>.0207953</b> | <b>.0076818</b> | <b>235.8225</b> |
| #2 | <b>-.000427</b> | <b>.0055057</b> | <b>.0020123</b> | <b>.0284023</b> | <b>.0096621</b> | <b>237.3779</b> |
| #3 | <b>-.000178</b> | <b>.0028572</b> | <b>.0040406</b> | <b>.0265507</b> | <b>.0101353</b> | <b>238.3666</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0044300</b> | <b>-.000678</b> | <b>.0009962</b> | <b>245.7077</b> | <b>.0605852</b> | <b>.0005121</b> |
| Stddev | .0008910        | .000093         | .0000451        | 1.1285          | .0001605        | .0001054        |
| %RSD   | 20.11250        | 13.78225        | 4.530206        | .4592921        | .2649081        | 20.58326        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0044805</b> | <b>-.000579</b> | <b>.0010384</b> | <b>244.4841</b> | <b>.0605218</b> | <b>.0006162</b> |
| #2 | <b>.0035149</b> | <b>-.000688</b> | <b>.0010017</b> | <b>245.9314</b> | <b>.0607678</b> | <b>.0004055</b> |
| #3 | <b>.0052948</b> | <b>-.000765</b> | <b>.0009486</b> | <b>246.7076</b> | <b>.0604662</b> | <b>.0005145</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.011455</b> | <b>102.9336</b> | <b>.0115855</b> | <b>239.6872</b> | <b>.0040969</b> | <b>.0023232</b> |
| Stddev | .001933         | .4747           | .0005099        | 1.0119          | .0004813        | .0002494        |
| %RSD   | 16.87593        | .4612005        | 4.401364        | .4221625        | 11.74908        | 10.73422        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.011000</b> | <b>102.4294</b> | <b>.0118602</b> | <b>238.5968</b> | <b>.0046324</b> | <b>.0024288</b> |
| #2 | <b>-.013575</b> | <b>102.9995</b> | <b>.0109971</b> | <b>239.8691</b> | <b>.0039578</b> | <b>.0020384</b> |
| #3 | <b>-.009790</b> | <b>103.3720</b> | <b>.0118991</b> | <b>240.5959</b> | <b>.0037004</b> | <b>.0025024</b> |

|        |                 |                 |                 |                 |                   |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-------------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774            | B_2496            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm               |
| Avg    | <b>-.309396</b> | <b>-.006623</b> | <b>-.008607</b> | <b>-.271386</b> | <b>F .0109329</b> | <b>F .4105869</b> |
| Stddev | .194735         | .001016         | .000525         | .051472         | .0007355          | .0029084          |
| %RSD   | 62.94028        | 15.34656        | 6.098283        | 18.96623        | 6.727707          | .7083485          |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.422561</b> | <b>-.005672</b> | <b>-.008308</b> | <b>-.307978</b> | <b>.0105093</b> | <b>.4074802</b> |
| #2 | <b>-.084537</b> | <b>-.007694</b> | <b>-.008300</b> | <b>-.293650</b> | <b>.0117822</b> | <b>.4110357</b> |
| #3 | <b>-.421091</b> | <b>-.006502</b> | <b>-.009213</b> | <b>-.212530</b> | <b>.0105072</b> | <b>.4132448</b> |

Sample Name: ICSA002      Acquired: 1/24/2025 12:29:44      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA002      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000618</b> | <b>.0258201</b> | <b>.0034923</b> | <b>-.003752</b> | <b>-.004487</b> | <b>.0025734</b> |
| Stddev | .000360         | .0055944        | .0029981        | .001711         | .001149         | .0015562        |
| %RSD   | 58.26566        | 21.66697        | 85.84822        | 45.60260        | 25.60391        | 60.47072        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000982</b> | <b>.0263933</b> | <b>.0001741</b> | <b>-.002242</b> | <b>-.003478</b> | <b>.0037456</b> |
| #2 | <b>-.000609</b> | <b>.0199611</b> | <b>.0060062</b> | <b>-.005610</b> | <b>-.004246</b> | <b>.0008079</b> |
| #3 | <b>-.000263</b> | <b>.0311058</b> | <b>.0042966</b> | <b>-.003403</b> | <b>-.005738</b> | <b>.0031668</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0913368</b> |
| Stddev | .0005890        |
| %RSD   | .6449118        |

|    |                 |
|----|-----------------|
| #1 | <b>.0906606</b> |
| #2 | <b>.0916117</b> |
| #3 | <b>.0917382</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2938.485</b> | <b>60079.32</b> | <b>9757.011</b> | <b>2105.406</b> | <b>3371.718</b> |
| Stddev    | 4.450           | 45.66           | 62.350          | 8.244           | 3.331           |
| %RSD      | .1514387        | .0760050        | .6390266        | .3915552        | .0987883        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2934.692 | 60124.34 | 9686.426 | 2097.739 | 3368.642 |
| #2 | 2937.379 | 60080.59 | 9780.020 | 2114.126 | 3375.255 |
| #3 | 2943.384 | 60033.04 | 9804.586 | 2104.352 | 3371.255 |

Sample Name: ICSAB002      Acquired: 1/24/2025 12:36:03      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0896507 | .1081835 | .0517403 | .0628739 | .5276967 | 228.8166 |
| Stddev | .0005218 | .0012122 | .0007957 | .0068561 | .0025742 | 1.0292   |
| %RSD   | .5820678 | 1.120493 | 1.537818 | 10.90460 | .4878188 | .4497830 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0897269 | .1077513 | .0526546 | .0674179 | .5247501 | 229.1681 |
| #2 | .0901302 | .1072466 | .0513616 | .0662163 | .5295088 | 229.6239 |
| #3 | .0890949 | .1095525 | .0512047 | .0549876 | .5288311 | 227.6577 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4842400 | .4993522 | .9752857 | 237.7066 | .5916392 | .4884768 |
| Stddev | .0018124 | .0011896 | .0024666 | .9412    | .0010912 | .0012862 |
| %RSD   | .3742755 | .2382231 | .2529155 | .3959674 | .1844334 | .2632998 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4857621 | .4989061 | .9740644 | 238.0667 | .5906912 | .4870362 |
| #2 | .4847228 | .4984501 | .9736680 | 238.4146 | .5928319 | .4888843 |
| #3 | .4822351 | .5007003 | .9781247 | 236.6385 | .5913944 | .4895098 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4781363 | 99.48291 | .4969822 | 232.5402 | .9730475 | .1991859 |
| Stddev | .0020682 | .46640   | .0043141 | .8184    | .0022059 | .0004653 |
| %RSD   | .4325489 | .4688260 | .8680627 | .3519324 | .2266979 | .2335982 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4769018 | 99.63866 | .4994463 | 232.9287 | .9725117 | .1995526 |
| #2 | .4769831 | 99.85151 | .4994994 | 233.0921 | .9711589 | .1993427 |
| #3 | .4805240 | 98.95857 | .4920007 | 231.6000 | .9754720 | .1986625 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.673263 | .4770608 | .9429909 | -.561161 | .0096169 | F .3952662 |
| Stddev | .376044  | .0021956 | .0041172 | .061693  | .0020150 | .0021913   |
| %RSD   | 55.85398 | .4602365 | .4366124 | 10.99377 | 20.95219 | .5543913   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.725692 | .4785835 | .9434431 | -.601512 | .0075110 | .3963480 |
| #2 | -.273756 | .4745440 | .9468634 | -.591828 | .0115265 | .3967063 |
| #3 | -1.02034 | .4780550 | .9386663 | -.490144 | .0098132 | .3927444 |

Sample Name: ICSAB002      Acquired: 1/24/2025 12:36:03      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB002      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000636</b> | <b>.0194518</b> | <b>-.000572</b> | <b>-.002565</b> | <b>-.004923</b> | <b>.0038155</b> |
| Stddev | .000299         | .0054258        | .003835         | .000560         | .000148         | .0008277        |
| %RSD   | 47.05908        | 27.89363        | 670.8217        | 21.85320        | 3.000188        | 21.69242        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000758</b> | <b>.0171026</b> | <b>.000987</b>  | <b>-.003064</b> | <b>-.005081</b> | <b>.0034878</b> |
| #2 | <b>-.000295</b> | <b>.0155963</b> | <b>-.004941</b> | <b>-.002671</b> | <b>-.004900</b> | <b>.0032018</b> |
| #3 | <b>-.000855</b> | <b>.0256563</b> | <b>.002238</b>  | <b>-.001959</b> | <b>-.004789</b> | <b>.0047568</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0880316</b> |
| Stddev | .0004165        |
| %RSD   | .4731243        |

|    |                 |
|----|-----------------|
| #1 | <b>.0882847</b> |
| #2 | <b>.0882592</b> |
| #3 | <b>.0875509</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3084.422</b> | <b>60513.73</b> | <b>9599.081</b> | <b>2144.908</b> | <b>3534.829</b> |
| Stddev    | 8.618           | 150.71          | 31.297          | 10.466          | 7.721           |
| %RSD      | .2793927        | .2490522        | .3260380        | .4879435        | .2184263        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3084.932 | 60498.19 | 9608.446 | 2135.929 | 3537.815 |
| #2 | 3092.774 | 60371.39 | 9624.626 | 2142.394 | 3540.612 |
| #3 | 3075.561 | 60671.60 | 9564.171 | 2156.402 | 3526.061 |

Sample Name: CCV013      Acquired: 1/24/2025 12:59:28      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV013      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.799458</b> | <b>4.889542</b> | <b>24.34375</b> | <b>4.827917</b> | <b>4.896973</b> | <b>413.8373</b> |
| Stddev | .012764         | .013054         | .04565          | .025597         | .010091         | 3.4974          |
| %RSD   | .2659422        | .2669743        | .1875409        | .5301842        | .2060597        | .8451220        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.811692 | 4.874636 | 24.29511 | 4.855718 | 4.908502 | 410.2965 |
| #2 | 4.786223 | 4.898936 | 24.35049 | 4.805325 | 4.889750 | 413.9257 |
| #3 | 4.800459 | 4.895053 | 24.38567 | 4.822709 | 4.892666 | 417.2897 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.26619</b> | <b>.4928787</b> | <b>2.451198</b> | <b>408.2126</b> | <b>15.66501</b> | <b>2.468511</b> |
| Stddev | .07321          | .0033259        | .002760         | 1.2242          | .05621          | .002682         |
| %RSD   | .7131268        | .6747823        | .1125854        | .2999006        | .3588135        | .1086651        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.21870 | .4894877 | 2.448028 | 408.8913 | 15.61834 | 2.467051 |
| #2 | 10.22937 | .4961354 | 2.453066 | 408.9470 | 15.64928 | 2.466876 |
| #3 | 10.35050 | .4930129 | 2.452498 | 406.7993 | 15.72741 | 2.471607 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>14.56736</b> | <b>416.5925</b> | <b>15.17785</b> | <b>406.5020</b> | <b>2.462587</b> | <b>1.292287</b> |
| Stddev | .04449          | 1.5895          | .03368          | 1.2777          | .004270         | .005387         |
| %RSD   | .3053827        | .3815418        | .2218755        | .3143219        | .1733847        | .4168543        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 14.55943 | 417.7573 | 15.21010 | 407.4844 | 2.458989 | 1.288468 |
| #2 | 14.61529 | 414.7818 | 15.14291 | 405.0575 | 2.461466 | 1.289944 |
| #3 | 14.52738 | 417.2386 | 15.18054 | 406.9641 | 2.467305 | 1.298449 |

|        |                 |                 |                 |                 |                 |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>378.3988</b> | <b>2.437730</b> | <b>15.36183</b> | <b>158.0573</b> | <b>4.847789</b> | <b>F 5.945155</b> |
| Stddev | 1.8796          | .008266         | .01045          | .8607           | .015981         | .017163           |
| %RSD   | .4967313        | .3390896        | .0680128        | .5445367        | .3296515        | .2886942          |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 377.3879 | 2.432443 | 15.35042 | 158.5516 | 4.842277 | 5.926081 |
| #2 | 380.5676 | 2.447255 | 15.37092 | 157.0635 | 4.835293 | 5.959353 |
| #3 | 377.2411 | 2.433490 | 15.36415 | 158.5569 | 4.865795 | 5.950031 |

Sample Name: CCV013      Acquired: 1/24/2025 12:59:28      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV013      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.847361</b> | <b>4.893366</b> | <b>4.881066</b> | <b>4.909556</b> | <b>4.888829</b> | <b>5.100450</b> |
| Stddev | .010036         | .009948         | .028502         | .007623         | .016650         | .022349         |
| %RSD   | .2070349        | .2033003        | .5839218        | .1552675        | .3405814        | .4381830        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.858826 | 4.895544 | 4.863965 | 4.902686 | 4.883026 | 5.116030 |
| #2 | 4.843088 | 4.882510 | 4.913968 | 4.908226 | 4.907605 | 5.074843 |
| #3 | 4.840168 | 4.902045 | 4.865264 | 4.917757 | 4.875857 | 5.110477 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>5.113641</b> |
| Stddev | .026043         |
| %RSD   | .5092920        |

|    |          |
|----|----------|
| #1 | 5.125011 |
| #2 | 5.083846 |
| #3 | 5.132067 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2644.481</b> | <b>55453.41</b> | <b>9302.795</b> | <b>1898.907</b> | <b>3094.580</b> |
| Stddev    | 5.920           | 121.23          | 48.096          | 3.226           | 5.826           |
| %RSD      | .2238801        | .2186142        | .5170048        | .1698691        | .1882554        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2638.018 | 55424.56 | 9335.553 | 1902.529 | 3098.837 |
| #2 | 2649.642 | 55586.46 | 9247.578 | 1897.847 | 3096.963 |
| #3 | 2645.785 | 55349.21 | 9325.255 | 1896.345 | 3087.941 |

Sample Name: CCB013      Acquired: 1/24/2025 13:03:47      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB013      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008690 | .0001167 | -.000688 | .0021413 | .0001988 | .0039748 | -.001063 |
| Stddev | .0012820 | .0005825 | .001616  | .0012983 | .0015530 | .0080644 | .000337  |
| %RSD   | 147.5347 | 499.2337 | 234.8041 | 60.63099 | 781.0892 | 202.8892 | 31.66779 |
| #1     | .0002066 | -.000312 | .000477  | .0032236 | .0019276 | .0006391 | -.000805 |
| #2     | .0000536 | -.000118 | -.002533 | .0024987 | -.000253 | .0131719 | -.001444 |
| #3     | .0023467 | .000780  | -.000009 | .0007018 | -.001078 | -.001887 | -.000939 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000046 | .0000238 | .0098034 | .0001818 | -.000097 | -.000664 | .0064566 |
| Stddev | .000053  | .0000429 | .0031082 | .0002425 | .000106  | .001802  | .0010930 |
| %RSD   | 114.9420 | 180.5863 | 31.70549 | 133.3758 | 109.9946 | 271.3959 | 16.92770 |
| #1     | -.000009 | .0000728 | .0103203 | .0000461 | -.000215 | .001390  | .0076578 |
| #2     | -.000023 | .0000052 | .0064691 | .0000375 | -.000067 | -.001402 | .0061912 |
| #3     | -.000107 | -.000007 | .0126208 | .0004618 | -.000008 | -.001979 | .0055208 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000374 | -.018990 | .0000293 | .0003575 | .0954402 | -.000347 | -.001021 |
| Stddev | .000159  | .011269  | .0003072 | .0004815 | .5782305 | .002968  | .001124  |
| %RSD   | 42.58747 | 59.34433 | 1046.771 | 134.6998 | 605.8566 | 854.3332 | 110.0435 |
| #1     | -.000214 | -.016154 | -.000036 | .0002056 | -.401849 | .000693  | -.001770 |
| #2     | -.000376 | -.031406 | -.000240 | -.000030 | .729932  | -.003695 | .000271  |
| #3     | -.000532 | -.009409 | .000364  | .000897  | -.041763 | .001960  | -.001565 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.096187 | .0023009 | -.007074 | -.000038 | .0014979 | .0020355 | .0002003 |
| Stddev | .025617  | .0004050 | .000150  | .000202  | .0026773 | .0015618 | .0009009 |
| %RSD   | 26.63279 | 17.60019 | 2.116286 | 536.9078 | 178.7356 | 76.72544 | 449.7411 |
| #1     | -.094815 | .0018333 | -.006902 | .000177  | .0039773 | .0024399 | -.000583 |
| #2     | -.122464 | .0025300 | -.007179 | -.000223 | .0018574 | .0033553 | -.000001 |
| #3     | -.071284 | .0025393 | -.007140 | -.000067 | -.001341 | .0003113 | .001185  |

Sample Name: CCB013      Acquired: 1/24/2025 13:03:47      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB013      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000289</b> | <b>-.001644</b> | <b>.0000148</b> |
| Stddev | .000825         | .001664         | .0000642        |
| %RSD   | 285.5973        | 101.2641        | 434.9331        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000200</b> | <b>-.002928</b> | <b>.0000537</b> |
| #2 | <b>-.001155</b> | <b>-.002239</b> | <b>-.000059</b> |
| #3 | <b>.000488</b>  | <b>.000237</b>  | <b>.000050</b>  |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3348.360</b> | <b>65821.41</b> | <b>9941.540</b> | <b>2303.330</b> | <b>4136.717</b> |
| Stddev    | 4.099           | 218.33          | 32.723          | 1.812           | 3.950           |
| %RSD      | .1224040        | .3316960        | .3291525        | .0786566        | .0954817        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3344.575</b> | <b>65607.14</b> | <b>9910.558</b> | <b>2301.246</b> | <b>4132.270</b> |
| #2 | <b>3352.713</b> | <b>66043.58</b> | <b>9938.299</b> | <b>2304.209</b> | <b>4139.816</b> |
| #3 | <b>3347.792</b> | <b>65813.51</b> | <b>9975.762</b> | <b>2304.533</b> | <b>4138.065</b> |



Sample Name: Q1046-02      Acquired: 1/24/2025 13:07:57      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ19      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0573330 | -.005106 | .4750989 | .0243353 | .0131743 | 54.56193 |
| Stddev | .0026194 | .003187  | .0080168 | .0004876 | .0003523 | .16386   |
| %RSD   | 4.568729 | 62.41483 | 1.687390 | 2.003634 | 2.674427 | .3003238 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0571945 | -.003404 | .4813255 | .0240957 | .0127879 | 54.46454 |
| #2 | .0547855 | -.008782 | .4779177 | .0248963 | .0134778 | 54.47013 |
| #3 | .0600188 | -.003131 | .4660534 | .0240138 | .0132571 | 54.75111 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.691399 | .0054136 | .0037801 | 23.75668 | .1296995 | .1582291 |
| Stddev | .061576  | .0001054 | .0001633 | .01002   | .0001022 | .0020237 |
| %RSD   | .9202281 | 1.946825 | 4.320509 | .0421767 | .0788032 | 1.278976 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.670202 | .0053580 | .0038844 | 23.75299 | .1296329 | .1596772 |
| #2 | 6.760774 | .0053477 | .0038640 | 23.74903 | .1296484 | .1590933 |
| #3 | 6.643221 | .0055352 | .0035918 | 23.76802 | .1298171 | .1559167 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0535494 | 116.0647 | 11.42611 | 13.00305 | .0763035 | .0052673 |
| Stddev | .0014319 | .3470    | .01640   | .04657   | .0007552 | .0001380 |
| %RSD   | 2.673905 | .2989411 | .1435506 | .3581848 | .9897977 | 2.620746 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0519880 | 115.8678 | 11.42220 | 12.96046 | .0766072 | .0054086 |
| #2 | .0538594 | 115.8610 | 11.41202 | 12.99591 | .0768596 | .0052605 |
| #3 | .0548010 | 116.4653 | 11.44412 | 13.05278 | .0754437 | .0051328 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.439030 | .2012400 | .6036005 | 5.475468 | 3.138436 | .4742831 |
| Stddev | .267386  | .0024996 | .0040500 | .055961  | .034431  | .0015789 |
| %RSD   | 60.90377 | 1.242118 | .6709725 | 1.022036 | 1.097081 | .3329063 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.661935 | .1998290 | .6027253 | 5.536198 | 3.157365 | .4734933 |
| #2 | -.142563 | .2041261 | .6080166 | 5.425984 | 3.159250 | .4732548 |
| #3 | -.512592 | .1997649 | .6000597 | 5.464223 | 3.098694 | .4761010 |

Sample Name: Q1046-02      Acquired: 1/24/2025 13:07:57      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ19      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0057737 | 2.766542 | F 13.03254 | .0080480 | 1.181889 | .0339307 |
| Stddev | .0005242 | .043570  | .07449     | .0008908 | .003243  | .0006639 |
| %RSD   | 9.078744 | 1.574887 | .5715700   | 11.06898 | .2744059 | 1.956651 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0063325 | 2.783446 | 13.03099 | .0078895 | 1.181101 | .0332737 |
| #2 | .0056956 | 2.799126 | 13.10780 | .0072471 | 1.185454 | .0339170 |
| #3 | .0052929 | 2.717053 | 12.95884 | .0090075 | 1.179113 | .0346013 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1049843 |
| Stddev | .0001193 |
| %RSD   | .1136382 |

|    |          |
|----|----------|
| #1 | .1049321 |
| #2 | .1048999 |
| #3 | .1051208 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3492.347 | 69331.51 | 10733.19 | 2440.553 | 3929.430 |
| Stddev    | 35.038   | 32.49    | 66.30    | 6.891    | 45.460   |
| %RSD      | 1.003266 | .0468661 | .6177345 | .2823419 | 1.156923 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3470.452 | 69351.91 | 10749.55 | 2446.405 | 3898.662 |
| #2 | 3473.832 | 69294.04 | 10660.23 | 2432.958 | 3907.981 |
| #3 | 3532.758 | 69348.59 | 10789.77 | 2442.296 | 3981.647 |

Sample Name: Q1046-03      Acquired: 1/24/2025 13:12:02      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ19D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0571768 | -.002318 | .4739614 | .0257886 | .0125279 | 54.05123 |
| Stddev | .0004549 | .002978  | .0013432 | .0028206 | .0006571 | .38244   |
| %RSD   | .7956775 | 128.4900 | .2834034 | 10.93730 | 5.245306 | .7075513 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0575623 | .001070  | .4753879 | .0235266 | .0130414 | 54.41396 |
| #2 | .0566750 | -.004521 | .4727209 | .0289490 | .0117873 | 54.08801 |
| #3 | .0572930 | -.003503 | .4737755 | .0248903 | .0127549 | 53.65174 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.726653 | .0053378 | .0038234 | 23.62202 | .1289183 | .1580247 |
| Stddev | .005211  | .0000277 | .0000638 | .12317   | .0001886 | .0000284 |
| %RSD   | .0774663 | .5188514 | 1.668015 | .5214235 | .1462688 | .0179789 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.721473 | .0053131 | .0037499 | 23.73462 | .1291140 | .1580347 |
| #2 | 6.731894 | .0053677 | .0038560 | 23.64096 | .1289031 | .1580469 |
| #3 | 6.726590 | .0053327 | .0038643 | 23.49047 | .1287377 | .1579927 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0465937 | 115.0868 | 11.49801 | 12.90118 | .0762422 | .0052506 |
| Stddev | .0009780 | .7778    | .07832   | .04974   | .0005575 | .0001446 |
| %RSD   | 2.098949 | .6758046 | .6811492 | .3855815 | .7312178 | 2.754387 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0455282 | 115.7470 | 11.58049 | 12.95416 | .0763647 | .0053202 |
| #2 | .0468024 | 115.2840 | 11.48890 | 12.89391 | .0756336 | .0050843 |
| #3 | .0474504 | 114.2295 | 11.42465 | 12.85547 | .0767282 | .0053473 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3145432 | .2043929 | .6056765 | 5.395994 | 3.116140 | .4680369 |
| Stddev | .0452542 | .0031330 | .0047234 | .044937  | .010236  | .0047301 |
| %RSD   | 14.38728 | 1.532827 | .7798540 | .8327894 | .3284887 | 1.010622 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2653051 | .2079606 | .6087414 | 5.437726 | 3.104563 | .4713269 |
| #2 | .3240079 | .2031280 | .6080511 | 5.348422 | 3.119863 | .4701676 |
| #3 | .3543166 | .2020902 | .6002370 | 5.401834 | 3.123993 | .4626163 |

Sample Name: Q1046-03      Acquired: 1/24/2025 13:12:02      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ19D      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707   |
|--------|----------|----------|------------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0055349 | 2.727362 | F 13.36545 | .0082151 | 1.203856 | .0345642 |
| Stddev | .0002137 | .009227  | .11350     | .0011366 | .009240  | .0013543 |
| %RSD   | 3.861055 | .3383120 | .8491910   | 13.83507 | .7675180 | 3.918281 |
| #1     | .0057592 | 2.723436 | 13.48810   | .0071728 | 1.214390 | .0348201 |
| #2     | .0055118 | 2.737902 | 13.26412   | .0080455 | 1.200052 | .0357724 |
| #3     | .0053337 | 2.720747 | 13.34414   | .0094269 | 1.197125 | .0331002 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .1057138 |
| Stddev | .0010033 |
| %RSD   | .9490653 |
| #1     | .1067235 |
| #2     | .1057010 |
| #3     | .1047170 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3517.233 | 70064.76 | 10662.71 | 2470.582 | 3957.282 |
| Stddev    | 8.276    | 203.97   | 45.54    | 7.435    | 11.340   |
| %RSD      | .2353008 | .2911169 | .4270669 | .3009356 | .2865654 |
| #1        | 3521.454 | 69831.70 | 10627.17 | 2462.035 | 3961.698 |
| #2        | 3522.548 | 70151.88 | 10714.04 | 2474.160 | 3965.750 |
| #3        | 3507.697 | 70210.70 | 10646.92 | 2475.552 | 3944.398 |

Sample Name: Q1046-02LX5      Acquired: 1/24/2025 13:16:07      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ19L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0125668 | -.001003 | .0992332 | .0042980 | .0036773 | 11.23297 | 1.359957 |
| Stddev | .0013091 | .002848  | .0007644 | .0014506 | .0004811 | .05872   | .008536  |
| %RSD   | 10.41675 | 284.0437 | .7703609 | 33.75028 | 13.08246 | .5227330 | .6276643 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0116862 | .000993  | .0984203 | .0056150 | .0041477 | 11.17896 | 1.351317 |
| #2 | .0140710 | -.004265 | .0993418 | .0027432 | .0031862 | 11.22446 | 1.360168 |
| #3 | .0119430 | .000264  | .0999376 | .0045358 | .0036980 | 11.29547 | 1.368386 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012316 | .0007199 | 4.929966 | .0276086 | .0323964 | .0090009 | 24.32331 |
| Stddev | .0000679 | .0000303 | .029179  | .0003396 | .0001324 | .0005715 | .06296   |
| %RSD   | 5.514894 | 4.210421 | .5918639 | 1.230116 | .4085852 | 6.349323 | .2588516 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012675 | .0007486 | 4.900062 | .0279353 | .0322892 | .0083523 | 24.26412 |
| #2 | .0011532 | .0007230 | 4.931475 | .0272574 | .0323557 | .0094303 | 24.31635 |
| #3 | .0012740 | .0006882 | 4.958361 | .0276330 | .0325443 | .0092202 | 24.38946 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.342099 | 2.715204 | .0159733 | .0011846 | .1321576 | .0427441 | .1251158 |
| Stddev | .012138  | .019063  | .0002466 | .0002729 | .2440815 | .0011682 | .0008618 |
| %RSD   | .5182622 | .7020981 | 1.543735 | 23.03396 | 184.6897 | 2.733073 | .6888186 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.329726 | 2.734797 | .0157233 | .0008790 | .2945335 | .0440375 | .1249463 |
| #2 | 2.342583 | 2.714096 | .0162164 | .0014036 | .2504724 | .0417657 | .1243514 |
| #3 | 2.353988 | 2.696718 | .0159801 | .0012713 | -.148533 | .0424291 | .1260498 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9588837 | .6472112 | .0890593 | .0006151 | .5685790 | 2.764113 | .0017982 |
| Stddev | .0296141 | .0013204 | .0003910 | .0003666 | .0031505 | .021002  | .0005348 |
| %RSD   | 3.088391 | .2040170 | .4390310 | 59.61228 | .5540971 | .7598065 | 29.74074 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9417577 | .6480777 | .0891068 | .0008362 | .5655230 | 2.774490 | .0022428 |
| #2 | .9418144 | .6456915 | .0886467 | .0008171 | .5683979 | 2.739943 | .0012048 |
| #3 | .9930791 | .6478644 | .0894244 | .0001918 | .5718161 | 2.777908 | .0019471 |

Sample Name: Q1046-02LX5      Acquired: 1/24/2025 13:16:07      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ19L      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2479836</b> | <b>.0053287</b> | <b>.0215412</b> |
| Stddev | .0015881        | .0009426        | .0000966        |
| %RSD   | .6404212        | 17.68974        | .4484776        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2470727</b> | <b>.0042403</b> | <b>.0214477</b> |
| #2 | <b>.2470606</b> | <b>.0058630</b> | <b>.0215353</b> |
| #3 | <b>.2498174</b> | <b>.0058828</b> | <b>.0216406</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3342.896</b> | <b>67317.20</b> | <b>10115.44</b> | <b>2354.317</b> | <b>4007.813</b> |
| Stddev    | 4.362           | 263.84          | 90.37           | 8.857           | 8.359           |
| %RSD      | .1304855        | .3919326        | .8934227        | .3761980        | .2085609        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3345.541 | 67405.32 | 10099.40 | 2353.172 | 4016.055 |
| #2 | 3345.285 | 67525.70 | 10212.76 | 2363.691 | 4008.042 |
| #3 | 3337.861 | 67020.58 | 10034.16 | 2346.088 | 3999.342 |

Sample Name: Q1046-04      Acquired: 1/24/2025 13:20:11      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ19S      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1257284</b> | <b>.0980075</b> | <b>.5131529</b> | <b>.1863441</b> | <b>.1717234</b> | <b>57.90667</b> |
| Stddev | .0018827        | .0027510        | .0029819        | .0042842        | .0031876        | .33168          |
| %RSD   | 1.497467        | 2.806888        | .5810884        | 2.299078        | 1.856235        | .5727755        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1237508 | .0948360 | .5110209 | .1814039 | .1710076 | 58.10331 |
| #2 | .1259353 | .0994387 | .5118774 | .1885913 | .1752081 | 58.09296 |
| #3 | .1274992 | .0997477 | .5165604 | .1890373 | .1689546 | 57.52373 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.16699</b> | <b>.0947493</b> | <b>.0994492</b> | <b>23.63004</b> | <b>.5353712</b> | <b>1.114422</b> |
| Stddev | .18409          | .0004171        | .0005926        | .11396          | .0024254        | .005171         |
| %RSD   | 1.810683        | .4401697        | .5958721        | .4822521        | .4530369        | .4640171        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.18124 | .0944929 | .0993188 | 23.74582 | .5357233 | 1.111018 |
| #2 | 10.34354 | .0945245 | .0989326 | 23.62631 | .5376013 | 1.111875 |
| #3 | 9.97619  | .0952305 | .1000961 | 23.51800 | .5327889 | 1.120372 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5017242</b> | <b>118.1491</b> | <b>12.17455</b> | <b>12.97815</b> | <b>1.042605</b> | <b>.0737325</b> |
| Stddev | .0035154        | .7004           | .04942          | .06384          | .005092         | .0004820        |
| %RSD   | .7006552        | .5927784        | .4059546        | .4918836        | .4883460        | .6537887        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5041418 | 118.4622 | 12.21671 | 13.03208 | 1.039087 | .0734678 |
| #2 | .4976915 | 118.6383 | 12.18678 | 12.99470 | 1.040285 | .0742889 |
| #3 | .5033392 | 117.3468 | 12.12016 | 12.90767 | 1.048444 | .0734408 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.108023</b> | <b>1.113209</b> | <b>1.457819</b> | <b>5.491271</b> | <b>3.130206</b> | <b>.4843569</b> |
| Stddev | .150258         | .004186         | .012913         | .046781         | .014326         | .0034118        |
| %RSD   | 139.0981        | .3760569        | .8857617        | .8519155        | .4576667        | .7043996        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.179255 | 1.110782 | 1.466190 | 5.545113 | 3.117439 | .4859925 |
| #2 | .064604  | 1.110803 | 1.464320 | 5.460584 | 3.127479 | .4866429 |
| #3 | -.209417 | 1.118043 | 1.442948 | 5.468114 | 3.145699 | .4804352 |

Sample Name: Q1046-04      Acquired: 1/24/2025 13:20:11      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ19S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0051848 | 2.785394 | F 12.71519 | .0080063 | 1.154695 | .0336717 |
| Stddev | .0002635 | .021039  | .06176     | .0008320 | .002265  | .0008037 |
| %RSD   | 5.082496 | .7553398 | .4857289   | 10.39204 | .1961769 | 2.386793 |
| #1     | .0051270 | 2.764181 | 12.72207   | .0076345 | 1.154433 | .0341018 |
| #2     | .0049550 | 2.785746 | 12.65028   | .0074250 | 1.152572 | .0327445 |
| #3     | .0054724 | 2.806255 | 12.77323   | .0089594 | 1.157079 | .0341688 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1039886 |
| Stddev | .0005061 |
| %RSD   | .4867109 |
| #1     | .1045475 |
| #2     | .1038573 |
| #3     | .1035611 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3439.788 | 68920.82 | 10829.57 | 2405.367 | 3886.493 |
| Stddev    | 7.226    | 226.39   | 43.06    | 12.829   | 15.681   |
| %RSD      | .2100676 | .3284817 | .3975768 | .5333377 | .4034776 |
| #1        | 3443.663 | 68859.01 | 10855.57 | 2399.023 | 3895.384 |
| #2        | 3444.250 | 68731.75 | 10853.27 | 2396.946 | 3895.709 |
| #3        | 3431.451 | 69171.70 | 10779.87 | 2420.131 | 3868.387 |



Sample Name: Q1045-07DLX2      Acquired: 1/24/2025 13:24:11      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ04      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0460770</b> | <b>-.005114</b> | <b>6.939383</b> | <b>.0156349</b> | <b>.0139244</b> | <b>11.52744</b> |
| Stddev | .0012992        | .002239         | .011613         | .0016580        | .0019160        | .00842          |
| %RSD   | 2.819659        | 43.77414        | .1673534        | 10.60464        | 13.75993        | .0730136        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0446795 | -.003001 | 6.932895 | .0165331 | .0161233 | 11.51940 |
| #2 | .0472482 | -.007460 | 6.932463 | .0166501 | .0126138 | 11.52675 |
| #3 | .0463032 | -.004882 | 6.952790 | .0137216 | .0130360 | 11.53619 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>16.91051</b> | <b>.0022775</b> | <b>.0765698</b> | <b>347.0709</b> | <b>.0866723</b> | <b>.0726679</b> |
| Stddev | .05650          | .0000676        | .0001342        | .9236           | .0000519        | .0004316        |
| %RSD   | .3340851        | 2.967990        | .1751977        | .2661149        | .0598466        | .5938704        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 16.91459 | .0022011 | .0765733 | 346.1462 | .0866155 | .0721938 |
| #2 | 16.96486 | .0023020 | .0764340 | 347.0732 | .0866844 | .0727721 |
| #3 | 16.85209 | .0023295 | .0767022 | 347.9934 | .0867171 | .0730379 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2157282</b> | <b>107.8727</b> | <b>6.602221</b> | <b>170.6348</b> | <b>.0801557</b> | <b>.0091560</b> |
| Stddev | .0020604        | .1038           | .009004         | .2894           | .0001314        | .0002430        |
| %RSD   | .9550988        | .0961966        | .1363789        | .1695906        | .1639514        | 2.654202        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2174666 | 107.7923 | 6.607425 | 170.3120 | .0800193 | .0089087 |
| #2 | .2162658 | 107.8360 | 6.607413 | 170.8712 | .0801664 | .0093945 |
| #3 | .2134523 | 107.9898 | 6.591824 | 170.7211 | .0802814 | .0091649 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.096421</b> | <b>.1020463</b> | <b>5.999016</b> | <b>.8457412</b> | <b>1.742387</b> | <b>.4541007</b> |
| Stddev | .258479         | .0010175        | .010127         | .0501342        | .005211         | .0014622        |
| %RSD   | 268.0747        | .9970490        | .1688163        | 5.927839        | .2990860        | .3219957        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.302306 | .1028176 | 5.997519 | .8179703 | 1.746723 | .4540567 |
| #2 | -.180614 | .1024281 | 5.989721 | .8156379 | 1.736606 | .4526610 |
| #3 | .193658  | .1008932 | 6.009809 | .9036156 | 1.743834 | .4555844 |

Sample Name: Q1045-07DLX2      Acquired: 1/24/2025 13:24:11      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ04      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019654 | F 10.13803 | 5.755046 | .0048788 | .2961572 | .0144606 |
| Stddev | .0005301 | .01355     | .018356  | .0006988 | .0049268 | .0003228 |
| %RSD   | 26.97270 | .1336853   | .3189539 | 14.32358 | 1.663582 | 2.232188 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0020404 | 10.14973 | 5.740746 | .0046153 | .2930348 | .0146224 |
| #2 | .0024540 | 10.12318 | 5.748648 | .0043500 | .2935999 | .0140889 |
| #3 | .0014017 | 10.14117 | 5.775745 | .0056710 | .3018368 | .0146704 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2142044 |
| Stddev | .0002453 |
| %RSD   | .1145121 |

|    |          |
|----|----------|
| #1 | .2143935 |
| #2 | .2139273 |
| #3 | .2142926 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3194.827 | 63903.82 | 10306.70 | 2188.555 | 3511.245 |
| Stddev    | 7.693    | 113.70   | 42.59    | 6.614    | 4.470    |
| %RSD      | .2408039 | .1779256 | .4132538 | .3022086 | .1273039 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3202.311 | 64016.99 | 10346.45 | 2193.642 | 3515.668 |
| #2 | 3186.940 | 63904.89 | 10311.90 | 2190.945 | 3506.729 |
| #3 | 3195.231 | 63789.59 | 10261.74 | 2181.078 | 3511.338 |

Sample Name: Q1045-08DLX2      Acquired: 1/24/2025 13:28:25      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ04D      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0480064</b> | <b>-.004004</b> | <b>6.968257</b> | <b>.0155757</b> | <b>.0148210</b> | <b>11.19199</b> |
| Stddev | .0012735        | .001467         | .069848         | .0000383        | .0003968        | .01804          |
| %RSD   | 2.652738        | 36.64131        | 1.002372        | .2457555        | 2.677132        | .1612286        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0471274 | -.005640 | 6.888060 | .0155763 | .0152452 | 11.17119 |
| #2 | .0494669 | -.003570 | 7.000936 | .0155372 | .0144591 | 11.20134 |
| #3 | .0474251 | -.002803 | 7.015775 | .0156137 | .0147586 | 11.20345 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>16.17925</b> | <b>.0024125</b> | <b>.0771857</b> | <b>335.4094</b> | <b>.0852964</b> | <b>.0725108</b> |
| Stddev | .32278          | .0000508        | .0009524        | 3.7742          | .0002444        | .0009449        |
| %RSD   | 1.995055        | 2.105374        | 1.233948        | 1.125253        | .2865318        | 1.303131        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 16.18111 | .0024563 | .0760870 | 333.5014 | .0850863 | .0714597 |
| #2 | 16.50109 | .0023568 | .0777762 | 339.7567 | .0855646 | .0727828 |
| #3 | 15.85553 | .0024244 | .0776941 | 332.9702 | .0852383 | .0732899 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2131473</b> | <b>104.7113</b> | <b>6.411931</b> | <b>165.2809</b> | <b>.0810938</b> | <b>.0089491</b> |
| Stddev | .0016614        | .2562           | .010303         | .2966           | .0010212        | .0001627        |
| %RSD   | .7794478        | .2446924        | .1606808        | .1794728        | 1.259299        | 1.818305        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2121366 | 104.7717 | 6.411438 | 165.4343 | .0799146 | .0087690 |
| #2 | .2150647 | 104.9320 | 6.422471 | 165.4694 | .0816842 | .0089928 |
| #3 | .2122406 | 104.4303 | 6.401883 | 164.9390 | .0816825 | .0090855 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0357246</b> | <b>.0982129</b> | <b>5.846487</b> | <b>.8219926</b> | <b>1.769807</b> | <b>.4395188</b> |
| Stddev | .2313996        | .0011381        | .018829         | .0173796        | .021346         | .0018561        |
| %RSD   | 647.7317        | 1.158842        | .3220529        | 2.114327        | 1.206137        | .4223060        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.185573 | .0982778 | 5.838795 | .8333455 | 1.745202 | .4403529 |
| #2 | .276051  | .0970437 | 5.867944 | .8306475 | 1.783378 | .4408115 |
| #3 | .016695  | .0993172 | 5.832722 | .8019849 | 1.780842 | .4373919 |

Sample Name: Q1045-08DLX2      Acquired: 1/24/2025 13:28:25      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ04D      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019101 | F 10.33623 | 5.635043 | .0049009 | .2888815 | .0132924 |
| Stddev | .0000104 | .11333     | .024496  | .0005227 | .0022807 | .0010122 |
| %RSD   | .5439605 | 1.096464   | .4347114 | 10.66595 | .7895071 | 7.614709 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0019103 | 10.20538 | 5.648212 | .0048345 | .2895014 | .0121995 |
| #2 | .0018996 | 10.40360 | 5.606779 | .0044145 | .2863549 | .0134802 |
| #3 | .0019204 | 10.39970 | 5.650137 | .0054536 | .2907882 | .0141975 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2081197 |
| Stddev | .0006006 |
| %RSD   | .2886089 |

|    |          |
|----|----------|
| #1 | .2078544 |
| #2 | .2088073 |
| #3 | .2076973 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3132.356 | 64413.78 | 10313.06 | 2202.038 | 3439.257 |
| Stddev    | 31.595   | 113.98   | 52.95    | 7.884    | 33.926   |
| %RSD      | 1.008679 | .1769477 | .5134278 | .3580365 | .9864398 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3168.101 | 64362.36 | 10252.50 | 2204.735 | 3478.427 |
| #2 | 3120.807 | 64334.57 | 10350.62 | 2193.160 | 3420.185 |
| #3 | 3108.160 | 64544.41 | 10336.06 | 2208.221 | 3419.158 |

Sample Name: Q1045-07LDLX10      Acquired: 1/24/2025 13:32:38      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ04L      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0063101</b> | <b>-.001434</b> | <b>1.381605</b> | <b>.0035660</b> | <b>.0024204</b> | <b>2.913730</b> | <b>3.329283</b> |
| Stddev | .0007032        | .001213         | .004414         | .0028508        | .0003942        | .018474         | .036947         |
| %RSD   | 11.14389        | 84.59765        | .3194590        | 79.94243        | 16.28801        | .6340460        | 1.109751        |
| #1     | .0059626        | -.002833        | 1.378020        | .0068540        | .0025867        | 2.892427        | 3.290497        |
| #2     | .0071194        | -.000764        | 1.380261        | .0020598        | .0019702        | 2.923404        | 3.333286        |
| #3     | .0058484        | -.000703        | 1.386535        | .0017843        | .0027042        | 2.925358        | 3.364064        |
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0005460</b> | <b>.0151357</b> | <b>69.08276</b> | <b>.0186758</b> | <b>.0141316</b> | <b>.0435380</b> | <b>22.05202</b> |
| Stddev | .0000381        | .0000207        | .33009          | .0002650        | .0001129        | .0011836        | .12400          |
| %RSD   | 6.982412        | .1365236        | .4778147        | 1.419072        | .7988745        | 2.718456        | .5623108        |
| #1     | .0005898        | .0151456        | 68.73631        | .0184411        | .0141169        | .0425039        | 21.92760        |
| #2     | .0005201        | .0151120        | 69.11836        | .0186229        | .0142510        | .0448289        | 22.05286        |
| #3     | .0005282        | .0151496        | 69.39360        | .0189632        | .0140267        | .0432812        | 22.17560        |
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.334921</b> | <b>33.47097</b> | <b>.0163621</b> | <b>.0023108</b> | <b>-.335557</b> | <b>.0219267</b> | <b>1.195602</b> |
| Stddev | .007990         | .10432          | .0001987        | .0001189        | .335734         | .0004232        | .009313         |
| %RSD   | .5985257        | .3116758        | 1.214385        | 5.145548        | 100.0528        | 1.929827        | .7789172        |
| #1     | 1.325907        | 33.37401        | .0161338        | .0024212        | -.145564        | .0217946        | 1.191069        |
| #2     | 1.337727        | 33.45754        | .0164962        | .0023262        | -.723203        | .0215854        | 1.189423        |
| #3     | 1.341129        | 33.58135        | .0164563        | .0021849        | -.137902        | .0224002        | 1.206313        |
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3780445</b> | <b>.3386425</b> | <b>.0833561</b> | <b>.0002167</b> | <b>1.956360</b> | <b>2.374675</b> | <b>-.000053</b> |
| Stddev | .0114994        | .0029468        | .0009220        | .0005051        | .002388         | .019923         | .000334         |
| %RSD   | 3.041803        | .8701747        | 1.106150        | 233.0502        | .1220403        | .8389663        | 631.6114        |
| #1     | .3899709        | .3370458        | .0822936        | -.000341        | 1.953606        | 2.358367        | -.000264        |
| #2     | .3670260        | .3420431        | .0838289        | .000348         | 1.957847        | 2.368777        | .000332         |
| #3     | .3771364        | .3368388        | .0839459        | .000643         | 1.957628        | 2.396881        | -.000226        |

Sample Name: Q1045-07LDLX10      Acquired: 1/24/2025 13:32:38      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ04L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1225964 | .0015576 | .0432379 |
| Stddev | .0165359 | .0012197 | .0005376 |
| %RSD   | 13.48804 | 78.30684 | 1.243373 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1115474 | .0008951 | .0430948 |
| #2 | .1146348 | .0029652 | .0427862 |
| #3 | .1416070 | .0008125 | .0438325 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3281.001 | 65644.90 | 10101.59 | 2284.678 | 3876.832 |
| Stddev    | 7.312    | 163.92   | 84.95    | 8.140    | 7.827    |
| %RSD      | .2228481 | .2497056 | .8409247 | .3562938 | .2018948 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3272.558 | 65570.87 | 10003.87 | 2288.533 | 3869.226 |
| #2 | 3285.211 | 65832.78 | 10143.05 | 2290.174 | 3884.863 |
| #3 | 3285.233 | 65531.06 | 10157.84 | 2275.327 | 3876.406 |

Sample Name: Q1045-09DLX2      Acquired: 1/24/2025 13:36:40      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ04S      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0853303</b> | <b>.0458003</b> | <b>7.022687</b> | <b>.1038563</b> | <b>.1010042</b> | <b>13.31074</b> |
| Stddev | .0015836        | .0023289        | .010240         | .0014859        | .0022640        | .11319          |
| %RSD   | 1.855823        | 5.084881        | .1458118        | 1.430738        | 2.241534        | .8503696        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0835350 | .0483647 | 7.024234 | .1049893 | .1020045 | 13.36161 |
| #2 | .0865283 | .0452191 | 7.011761 | .1021739 | .0984123 | 13.38958 |
| #3 | .0859277 | .0438170 | 7.032065 | .1044057 | .1025958 | 13.18104 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>18.75551</b> | <b>.0486801</b> | <b>.1268602</b> | <b>346.3221</b> | <b>.2884737</b> | <b>.5697790</b> |
| Stddev | .19769          | .0002894        | .0003655        | 3.9476          | .0002324        | .0009786        |
| %RSD   | 1.054027        | .5944843        | .2881258        | 1.139852        | .0805704        | .1717500        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 18.75118 | .0483894 | .1264503 | 347.3012 | .2882079 | .5707199 |
| #2 | 18.95533 | .0486828 | .1269780 | 349.6879 | .2886385 | .5687666 |
| #3 | 18.56002 | .0489682 | .1271523 | 341.9771 | .2885748 | .5698507 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4490477</b> | <b>108.1034</b> | <b>7.087470</b> | <b>169.0274</b> | <b>.5789129</b> | <b>.0456783</b> |
| Stddev | .0009415        | .8515           | .068125         | 1.1749          | .0010568        | .0005050        |
| %RSD   | .2096577        | .7876259        | .9612015        | .6950687        | .1825480        | 1.105528        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4494873 | 108.5478 | 7.124724 | 169.5049 | .5797347 | .0459102 |
| #2 | .4496890 | 108.6408 | 7.128844 | 169.8884 | .5792832 | .0460257 |
| #3 | .4479669 | 107.1217 | 7.008842 | 167.6890 | .5777208 | .0450990 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000201</b> | <b>.5706245</b> | <b>6.448473</b> | <b>.9307377</b> | <b>1.792923</b> | <b>.4548878</b> |
| Stddev | .140311         | .0016758        | .029393         | .0292484        | .004323         | .0042675        |
| %RSD   | 69807.90        | .2936819        | .4558157        | 3.142498        | .2411141        | .9381414        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .157082  | .5689390 | 6.465159 | .9208990 | 1.788383 | .4564765 |
| #2 | -.045171 | .5706442 | 6.465726 | .9076772 | 1.793397 | .4581330 |
| #3 | -.112513 | .5722904 | 6.414535 | .9636368 | 1.796990 | .4500538 |

Sample Name: Q1045-09DLX2      Acquired: 1/24/2025 13:36:40      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ04S      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013867 | F 10.52568 | 5.818582 | .0060283 | .2964495 | .0140869 |
| Stddev | .0002950 | .01688     | .027945  | .0007005 | .0008936 | .0006573 |
| %RSD   | 21.27450 | .1603399   | .4802685 | 11.62013 | .3014524 | 4.665835 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0012597 | 10.54202 | 5.795701 | .0065586 | .2973799 | .0139278 |
| #2 | .0017240 | 10.50831 | 5.810320 | .0062922 | .2963707 | .0148091 |
| #3 | .0011765 | 10.52671 | 5.849727 | .0052342 | .2955979 | .0135238 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2148856 |
| Stddev | .0022119 |
| %RSD   | 1.029334 |

|    |          |
|----|----------|
| #1 | .2161442 |
| #2 | .2161810 |
| #3 | .2123316 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3113.318 | 64176.38 | 10380.74 | 2211.610 | 3411.584 |
| Stddev    | 8.748    | 256.40   | 69.13    | 8.017    | 9.366    |
| %RSD      | .2809810 | .3995309 | .6659241 | .3624920 | .2745426 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3116.336 | 64169.38 | 10444.68 | 2219.541 | 3410.498 |
| #2 | 3120.156 | 63923.54 | 10390.16 | 2203.510 | 3421.446 |
| #3 | 3103.460 | 64436.21 | 10307.39 | 2211.779 | 3402.808 |



Sample Name: Q1039-10DLX2      Acquired: 1/24/2025 13:40:50      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCPE5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0211999 | -.003072 | .7708813 | -.006575 | .0056053 | 7.067962 |
| Stddev | .0018565 | .002552  | .0022617 | .001249  | .0010708 | .031824  |
| %RSD   | 8.757162 | 83.07232 | .2933871 | 18.99894 | 19.10414 | .4502616 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0228636 | -.000156 | .7702318 | -.006786 | .0044541 | 7.049324 |
| #2 | .0191973 | -.004900 | .7690155 | -.007706 | .0065718 | 7.104708 |
| #3 | .0215388 | -.004159 | .7733967 | -.005234 | .0057899 | 7.049854 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 14.58198 | .0011315 | .0079132 | F 929.0462 | .0332981 | .0197801 |
| Stddev | .02847   | .0000387 | .0000207 | 2.6352     | .0001194 | .0002290 |
| %RSD   | .1952194 | 3.421881 | .2615434 | .2836489   | .3586245 | 1.157636 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 14.55280 | .0011632 | .0079263 | 927.2731 | .0333385 | .0200335 |
| #2 | 14.58348 | .0010883 | .0079240 | 927.7912 | .0333920 | .0197190 |
| #3 | 14.60967 | .0011429 | .0078894 | 932.0744 | .0331637 | .0195879 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0577803 | 34.86386 | 2.130950 | 513.6329 | .0303951 | .0000325 |
| Stddev | .0025809 | .15551   | .005543  | 2.0516   | .0008821 | .0003944 |
| %RSD   | 4.466676 | .4460594 | .2600992 | .3994296 | 2.902209 | 1212.638 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0578137 | 34.73988 | 2.126368 | 512.0939 | .0300101 | -.000423 |
| #2 | .0603443 | 35.03835 | 2.137111 | 515.9621 | .0297710 | .000270  |
| #3 | .0551829 | 34.81335 | 2.129372 | 512.8428 | .0314043 | .000250  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.142493 | .0745891 | 1.570444 | .4579162 | 1.167993 | .1554446 |
| Stddev | .118363  | .0010783 | .019969  | .0323789 | .002894  | .0005863 |
| %RSD   | 83.06568 | 1.445713 | 1.271577 | 7.070924 | .2477534 | .3771713 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.269375 | .0737667 | 1.564579 | .4323367 | 1.170761 | .1556230 |
| #2 | -.035058 | .0741905 | 1.592689 | .4470910 | 1.164988 | .1559210 |
| #3 | -.123046 | .0758099 | 1.554064 | .4943208 | 1.168229 | .1547899 |

Sample Name: Q1039-10DLX2      Acquired: 1/24/2025 13:40:50      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCPE5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0069365 | 8.530658 | 3.114760 | -.001940 | .1523673 | .0254844 |
| Stddev | .0003571 | .005269  | .004045  | .000577  | .0006461 | .0014194 |
| %RSD   | 5.147745 | .0617694 | .1298620 | 29.75159 | .4240547 | 5.569825 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0068178 | 8.536374 | 3.111772 | -.001399 | .1530960 | .0270466 |
| #2 | .0066539 | 8.529606 | 3.113146 | -.002547 | .1518642 | .0242740 |
| #3 | .0073379 | 8.525994 | 3.119363 | -.001873 | .1521417 | .0251326 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .4304905 |
| Stddev | .0004676 |
| %RSD   | .1086304 |

|    |          |
|----|----------|
| #1 | .4303150 |
| #2 | .4310205 |
| #3 | .4301360 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2901.224 | 59320.40 | 9097.057 | 2021.251 | 3187.947 |
| Stddev    | 8.323    | 238.23   | 7.781    | 19.526   | 6.581    |
| %RSD      | .2868845 | .4016034 | .0855360 | .9660500 | .2064293 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2894.190 | 59588.05 | 9090.664 | 2029.190 | 3182.049 |
| #2 | 2899.070 | 59131.56 | 9105.721 | 1999.005 | 3186.748 |
| #3 | 2910.413 | 59241.58 | 9094.787 | 2035.557 | 3195.045 |

Sample Name: Q1042-09DLX2      Acquired: 1/24/2025 13:45:08      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCPJ2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0147171 | -.002362 | .1765125 | .0093916 | .0056044 | 19.03164 | 12.28765 |
| Stddev | .0042365 | .000756  | .0010954 | .0033066 | .0019238 | .03906   | .07924   |
| %RSD   | 28.78650 | 32.01616 | .6205988 | 35.20791 | 34.32692 | .2052448 | .6448844 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0165395 | -.002341 | .1777745 | .0055764 | .0046485 | 19.05749 | 12.36110 |
| #2 | .0177374 | -.001616 | .1758064 | .0114281 | .0078189 | 19.05073 | 12.29818 |
| #3 | .0098743 | -.003128 | .1759568 | .0111703 | .0043458 | 18.98671 | 12.20367 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017918 | .0028449 | 96.19571 | .0422226 | .0237143 | .0419859 | 44.49756 |
| Stddev | .0000633 | .0000685 | .32802   | .0001841 | .0002654 | .0023897 | .08928   |
| %RSD   | 3.530026 | 2.409728 | .3409958 | .4361071 | 1.118938 | 5.691544 | .2006306 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017424 | .0027930 | 96.24850 | .0424047 | .0240031 | .0397099 | 44.52763 |
| #2 | .0017700 | .0028191 | 96.49414 | .0420365 | .0234812 | .0444749 | 44.56792 |
| #3 | .0018631 | .0029226 | 95.84449 | .0422265 | .0236587 | .0417730 | 44.39713 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.073140 | 45.46986 | .0267878 | .0010498 | .0853840 | .0775011 | .5753447 |
| Stddev | .018523  | .02817   | .0003784 | .0002483 | .4704826 | .0008740 | .0036624 |
| %RSD   | .6027491 | .0619423 | 1.412494 | 23.65408 | 551.0196 | 1.127744 | .6365634 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.069187 | 45.49897 | .0271154 | .0013271 | .2353252 | .0779570 | .5773280 |
| #2 | 3.093321 | 45.46788 | .0263736 | .0009746 | -.441795 | .0764934 | .5775879 |
| #3 | 3.056912 | 45.44274 | .0268743 | .0008478 | .462621  | .0780530 | .5711184 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.262812 | 1.497086 | .1783448 | .0022437 | 4.120981 | 5.387460 | .0011891 |
| Stddev | .063676  | .003565  | .0002007 | .0002081 | .004484  | .008162  | .0001946 |
| %RSD   | 5.042404 | .2381395 | .1125495 | 9.274338 | .1088186 | .1514931 | 16.36522 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.213484 | 1.494204 | .1781732 | .0021324 | 4.123952 | 5.379937 | .0012122 |
| #2 | 1.334695 | 1.495982 | .1782956 | .0024837 | 4.123168 | 5.396137 | .0009840 |
| #3 | 1.240256 | 1.501073 | .1785655 | .0021148 | 4.115822 | 5.386305 | .0013711 |

Sample Name: Q1042-09DLX2      Acquired: 1/24/2025 13:45:08      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCPJ2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4430108 | .0082116 | .1665771 |
| Stddev | .0015692 | .0005235 | .0009828 |
| %RSD   | .3542179 | 6.375450 | .5899980 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4429413 | .0086824 | .1669282 |
| #2 | .4446136 | .0076478 | .1673362 |
| #3 | .4414775 | .0083047 | .1654670 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3239.155 | 66238.70 | 10059.56 | 2342.570 | 3752.875 |
| Stddev    | 8.729    | 154.04   | 17.03    | 6.282    | 9.533    |
| %RSD      | .2694757 | .2325454 | .1692496 | .2681693 | .2540097 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3239.425 | 66142.25 | 10071.53 | 2336.080 | 3750.696 |
| #2 | 3247.745 | 66157.51 | 10067.09 | 2343.010 | 3763.309 |
| #3 | 3230.294 | 66416.35 | 10040.07 | 2348.621 | 3744.621 |

Sample Name: Q1044-13DLX2      Acquired: 1/24/2025 13:49:17      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCPY8      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0240433</b> | <b>-.002788</b> | <b>.2046766</b> | <b>.0016202</b> | <b>.0094266</b> | <b>15.80429</b> |
| Stddev | .0032706        | .001372         | .0017365        | .0006211        | .0021260        | .06857          |
| %RSD   | 13.60288        | 49.21988        | .8484097        | 38.33420        | 22.55360        | .4338381        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0207573 | -.001216 | .2066690 | .0014916 | .0074319 | 15.73566 |
| #2 | .0272982 | -.003404 | .2038758 | .0022954 | .0116633 | 15.80441 |
| #3 | .0240746 | -.003744 | .2034850 | .0010734 | .0091846 | 15.87279 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.99195</b> | <b>.0010076</b> | <b>.0100760</b> | <b>666.6509</b> | <b>.0511646</b> | <b>.0220838</b> |
| Stddev | .06629          | .0000677        | .0000536        | 2.3609          | .0003289        | .0003161        |
| %RSD   | .5527671        | 6.719928        | .5317986        | .3541490        | .6428864        | 1.431370        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 11.91832 | .0009612 | .0100769 | 663.9659 | .0507930 | .0218539 |
| #2 | 12.01065 | .0010853 | .0101292 | 668.4021 | .0514185 | .0219533 |
| #3 | 12.04688 | .0009762 | .0100220 | 667.5848 | .0512823 | .0224443 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0574598</b> | <b>49.16158</b> | <b>1.750014</b> | <b>370.5853</b> | <b>.0329621</b> | <b>.0011817</b> |
| Stddev | .0012873        | .18611          | .003320         | 1.1537          | .0006245        | .0004149        |
| %RSD   | 2.240404        | .3785663        | .1897275        | .3113219        | 1.894748        | 35.10991        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0587616 | 48.97913 | 1.746905 | 369.3976 | .0334008 | .0008765 |
| #2 | .0561875 | 49.15448 | 1.749623 | 370.6568 | .0322470 | .0016541 |
| #3 | .0574303 | 49.35114 | 1.753512 | 371.7017 | .0332385 | .0010145 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.159234</b> | <b>.0855088</b> | <b>4.509894</b> | <b>.6061289</b> | <b>.5240334</b> | <b>.1993531</b> |
| Stddev | .190056         | .0014063        | .001601         | .0243111        | .0047149        | .0008547        |
| %RSD   | 119.3566        | 1.644617        | .0354937        | 4.010886        | .8997355        | .4287504        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.314026 | .0841760 | 4.509975 | .5828140 | .5231977 | .1998210 |
| #2 | .052887  | .0853719 | 4.508254 | .6042459 | .5197921 | .1983666 |
| #3 | -.216563 | .0869786 | 4.511453 | .6313268 | .5291102 | .1998717 |

Sample Name: Q1044-13DLX2      Acquired: 1/24/2025 13:49:17      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCPY8      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008013 | F 14.78523 | 5.974605 | -.002331 | .3723217 | .0237521 |
| Stddev | .0009057 | .08457     | .016998  | .000462  | .0009508 | .0026353 |
| %RSD   | 113.0255 | .5719686   | .2845007 | 19.82318 | .2553741 | 11.09488 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0011800 | 14.70741 | 5.986035 | -.001809 | .3719872 | .0256343 |
| #2 | -.000232 | 14.77306 | 5.982708 | -.002495 | .3715834 | .0248816 |
| #3 | .001456  | 14.87522 | 5.955072 | -.002688 | .3733946 | .0207403 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3073997 |
| Stddev | .0009829 |
| %RSD   | .3197336 |

|    |          |
|----|----------|
| #1 | .3071509 |
| #2 | .3065652 |
| #3 | .3084831 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2883.390 | 59587.45 | 9598.217 | 2037.111 | 3212.705 |
| Stddev    | 5.763    | 130.00   | 21.124   | 5.972    | 6.931    |
| %RSD      | .1998761 | .2181642 | .2200846 | .2931695 | .2157242 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2883.715 | 59696.46 | 9581.198 | 2040.598 | 3212.867 |
| #2 | 2888.984 | 59622.31 | 9591.593 | 2040.520 | 3219.553 |
| #3 | 2877.471 | 59443.57 | 9621.859 | 2030.215 | 3205.695 |

Sample Name: Q1044-16DLX2      Acquired: 1/24/2025 13:53:36      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCPZ1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0409298 | -.003356 | 1.216186 | .0200043 | .0114461 | 35.71789 | 13.68781 |
| Stddev | .0024659 | .001892  | .018254  | .0014528 | .0002656 | .64368   | .31360   |
| %RSD   | 6.024686 | 56.38172 | 1.500920 | 7.262427 | 2.320597 | 1.802122 | 2.291069 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0399709 | -.001409 | 1.236926 | .0189040 | .0115352 | 35.45488 | 13.51273 |
| #2 | .0390874 | -.003472 | 1.202559 | .0216511 | .0111475 | 35.24736 | 13.50085 |
| #3 | .0437311 | -.005188 | 1.209074 | .0194577 | .0116558 | 36.45143 | 14.04986 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036095 | .0051301 | 65.41358 | .0873021 | .0855251 | .0682668 | 97.38777 |
| Stddev | .0000649 | .0001357 | 1.09343  | .0020772 | .0010605 | .0013134 | 1.70730  |
| %RSD   | 1.798193 | 2.645732 | 1.671566 | 2.379297 | 1.240048 | 1.923877 | 1.753095 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0035695 | .0052766 | 64.87732 | .0862011 | .0867497 | .0668028 | 96.62282 |
| #2 | .0036844 | .0050086 | 64.69180 | .0860072 | .0849005 | .0693416 | 96.19671 |
| #3 | .0035746 | .0051051 | 66.67161 | .0896980 | .0849252 | .0686559 | 99.34378 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.370371 | 32.81889 | .0699966 | .0031481 | -.029454 | .1519132 | .9725670 |
| Stddev | .107833  | .53502   | .0007226 | .0006492 | .337709  | .0023906 | .0148644 |
| %RSD   | 1.692734 | 1.630233 | 1.032322 | 20.62242 | 1146.557 | 1.573688 | 1.528364 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.322287 | 32.53654 | .0708264 | .0032870 | .330015  | .1539885 | .9669160 |
| #2 | 6.294944 | 32.48419 | .0695062 | .0024407 | -.078294 | .1524520 | .9613569 |
| #3 | 6.493882 | 33.43594 | .0696572 | .0037166 | -.340083 | .1492992 | .9894281 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.973838 | 1.922533 | .3948551 | .0036113 | 4.749151 | 6.570675 | .0044184 |
| Stddev | .130156  | .034385  | .0075366 | .0004780 | .085919  | .010871  | .0004914 |
| %RSD   | 4.376691 | 1.788550 | 1.908687 | 13.23515 | 1.809148 | .1654476 | 11.12171 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.913798 | 1.960878 | .3917838 | .0035058 | 4.843615 | 6.570033 | .0040821 |
| #2 | 2.884541 | 1.894439 | .3893391 | .0031948 | 4.675660 | 6.581853 | .0049824 |
| #3 | 3.123177 | 1.912281 | .4034423 | .0041332 | 4.728177 | 6.560139 | .0041908 |

Sample Name: Q1044-16DLX2      Acquired: 1/24/2025 13:53:36      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCPZ1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.7661364</b> | <b>.0193288</b> | <b>.1486659</b> |
| Stddev | .0010914        | .0009634        | .0026913        |
| %RSD   | .1424492        | 4.984473        | 1.810315        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.7655130</b> | <b>.0183685</b> | <b>.1477262</b> |
| #2 | <b>.7654996</b> | <b>.0193225</b> | <b>.1465704</b> |
| #3 | <b>.7673966</b> | <b>.0202953</b> | <b>.1517011</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3345.244</b> | <b>66879.65</b> | <b>10566.53</b> | <b>2343.321</b> | <b>3792.459</b> |
| Stddev    | 44.156          | 1045.45         | 17.42           | 30.087          | 54.311          |
| %RSD      | 1.319954        | 1.563187        | .1649019        | 1.283957        | 1.432078        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3295.134 | 67405.59 | 10575.90 | 2356.655 | 3731.422 |
| #2 | 3378.452 | 67557.69 | 10546.43 | 2364.437 | 3835.449 |
| #3 | 3362.145 | 65675.66 | 10577.27 | 2308.871 | 3810.506 |



Sample Name: Q1044-18DLX2      Acquired: 1/24/2025 13:57:41      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCPZ3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0509839 | -.005290 | 4.725718 | .0148490 | .0104272 | 16.59179 | 15.77550 |
| Stddev | .0030612 | .003481  | .009781  | .0034423 | .0023896 | .08491   | .14354   |
| %RSD   | 6.004187 | 65.80363 | .2069691 | 23.18217 | 22.91746 | .5117483 | .9098923 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0539577 | -.003380 | 4.722542 | .0167983 | .0077111 | 16.56520 | 15.61266 |
| #2 | .0478423 | -.009309 | 4.717920 | .0168742 | .0122068 | 16.68681 | 15.88366 |
| #3 | .0511517 | -.003182 | 4.736692 | .0108744 | .0113637 | 16.52336 | 15.83019 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027201 | .0354102 | 181.8783 | .0861177 | .1170252 | .1408648 | 90.43477 |
| Stddev | .0000600 | .0000837 | .7094    | .0002704 | .0002045 | .0028481 | .35524   |
| %RSD   | 2.204307 | .2363488 | .3900564 | .3140105 | .1747436 | 2.021863 | .3928094 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0027687 | .0354317 | 181.6498 | .0863742 | .1171295 | .1429094 | 90.41235 |
| #2 | .0026531 | .0353178 | 182.6738 | .0858352 | .1167896 | .1420732 | 90.80069 |
| #3 | .0027384 | .0354809 | 181.3113 | .0861438 | .1171566 | .1376117 | 90.09128 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.028144 | 88.27713 | .0798022 | .0078971 | -.052393 | .1026921 | 3.381665 |
| Stddev | .026076  | .24258   | .0002439 | .0001212 | .198116  | .0006367 | .026395  |
| %RSD   | .4325780 | .2747989 | .3056915 | 1.534461 | 378.1365 | .6199564 | .7805404 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.015156 | 88.09762 | .0796013 | .0079690 | -.279748 | .1033081 | 3.374397 |
| #2 | 6.058163 | 88.55311 | .0800737 | .0079651 | .039325  | .1020367 | 3.410933 |
| #3 | 6.011112 | 88.18066 | .0797317 | .0077572 | .083245  | .1027315 | 3.359665 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.429399 | 1.522660 | .3681648 | .0018994 | 8.144389 | 5.559432 | .0026779 |
| Stddev | .076979  | .007194  | .0023033 | .0004515 | .008858  | .006950  | .0011877 |
| %RSD   | 5.385399 | .4724613 | .6256185 | 23.76784 | .1087673 | .1250197 | 44.35068 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.390526 | 1.515662 | .3666767 | .0020840 | 8.137139 | 5.555641 | .0032245 |
| #2 | 1.518062 | 1.522285 | .3708179 | .0013849 | 8.154263 | 5.555201 | .0013154 |
| #3 | 1.379608 | 1.530035 | .3669997 | .0022294 | 8.141766 | 5.567453 | .0034939 |

Sample Name: Q1044-18DLX2      Acquired: 1/24/2025 13:57:41      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCPZ3      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.4884440</b> | <b>.0119231</b> | <b>.1655097</b> |
| Stddev | .0013377        | .0002836        | .0011076        |
| %RSD   | .2738788        | 2.378591        | .6691841        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.4877128</b> | <b>.0122273</b> | <b>.1653368</b> |
| #2 | <b>.4876313</b> | <b>.0116660</b> | <b>.1666936</b> |
| #3 | <b>.4899880</b> | <b>.0118760</b> | <b>.1644989</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3393.849</b> | <b>67317.49</b> | <b>10481.30</b> | <b>2307.752</b> | <b>3780.878</b> |
| Stddev    | 6.236           | 188.72          | 38.98           | 13.423          | 8.058           |
| %RSD      | .1837517        | .2803448        | .3718625        | .5816455        | .2131329        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3392.087</b> | <b>67240.83</b> | <b>10452.94</b> | <b>2307.637</b> | <b>3779.357</b> |
| #2 | <b>3400.776</b> | <b>67179.16</b> | <b>10525.75</b> | <b>2294.387</b> | <b>3789.588</b> |
| #3 | <b>3388.683</b> | <b>67532.48</b> | <b>10465.22</b> | <b>2321.232</b> | <b>3773.688</b> |

Sample Name: Q1044-19DLX2      Acquired: 1/24/2025 14:01:45      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCPZ4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0416632 | -.000900 | .9077298 | .0187695 | .0108595 | 35.43597 | 16.42896 |
| Stddev | .0029609 | .000933  | .0011876 | .0023987 | .0008000 | .04684   | .12526   |
| %RSD   | 7.106728 | 103.7741 | .1308379 | 12.78000 | 7.366571 | .1321771 | .7624481 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0397721 | -.001291 | .9065703 | .0208405 | .0100149 | 35.43338 | 16.31885 |
| #2 | .0401421 | -.001573 | .9089438 | .0161411 | .0116057 | 35.39049 | 16.40281 |
| #3 | .0450755 | .000166  | .9076755 | .0193270 | .0109579 | 35.48405 | 16.56524 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032631 | .0040580 | 16.79695 | .0779869 | .0805780 | .0732453 | 95.12184 |
| Stddev | .0000434 | .0000335 | .02382   | .0001789 | .0005615 | .0033712 | .06855   |
| %RSD   | 1.330570 | .8263497 | .1418104 | .2293913 | .6967800 | 4.602594 | .0720659 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0033056 | .0040574 | 16.79091 | .0780837 | .0802356 | .0719598 | 95.04950 |
| #2 | .0032648 | .0040919 | 16.77673 | .0777804 | .0802725 | .0707060 | 95.13020 |
| #3 | .0032189 | .0040249 | 16.82320 | .0780965 | .0812260 | .0770701 | 95.18583 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.093038 | 8.503829 | .0715275 | .0030724 | -.073620 | .1451083 | .8361181 |
| Stddev | .007089  | .019793  | .0001868 | .0000282 | .073705  | .0006278 | .0050440 |
| %RSD   | .1391818 | .2327515 | .2611594 | .9163509 | 100.1155 | .4326654 | .6032632 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.099704 | 8.481103 | .0716321 | .0030400 | -.124241 | .1446351 | .8303282 |
| #2 | 5.085591 | 8.517293 | .0713118 | .0030855 | .010941  | .1458205 | .8384655 |
| #3 | 5.093817 | 8.513090 | .0716385 | .0030916 | -.107561 | .1448692 | .8395606 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.976094 | 1.866568 | .3799016 | .0027327 | 4.148713 | 6.912493 | .0055253 |
| Stddev | .037845  | .004981  | .0005656 | .0001840 | .001184  | .040102  | .0012086 |
| %RSD   | 1.271627 | .2668661 | .1488697 | 6.732122 | .0285411 | .5801419 | 21.87331 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.947913 | 1.861061 | .3792490 | .0029429 | 4.150080 | 6.950593 | .0065996 |
| #2 | 3.019109 | 1.867882 | .3802495 | .0026010 | 4.148012 | 6.916235 | .0057597 |
| #3 | 2.961260 | 1.870760 | .3802063 | .0026541 | 4.148046 | 6.870650 | .0042167 |

Sample Name: Q1044-19DLX2      Acquired: 1/24/2025 14:01:45      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCPZ4      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.8638461</b> | <b>.0156860</b> | <b>.1282610</b> |
| Stddev | .0027843        | .0006015        | .0002548        |
| %RSD   | .3223095        | 3.834510        | .1986390        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.8668582</b> | <b>.0163748</b> | <b>.1284728</b> |
| #2 | <b>.8633135</b> | <b>.0154187</b> | <b>.1279783</b> |
| #3 | <b>.8613666</b> | <b>.0152645</b> | <b>.1283318</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3509.700</b> | <b>68300.88</b> | <b>10494.32</b> | <b>2383.110</b> | <b>4039.987</b> |
| Stddev    | 2.720           | 161.95          | 57.82           | 15.949          | 2.693           |
| %RSD      | .0775088        | .2371155        | .5509264        | .6692332        | .0666498        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3512.788 | 68323.66 | 10459.65 | 2401.523 | 4037.390 |
| #2 | 3508.654 | 68128.75 | 10462.25 | 2374.173 | 4039.805 |
| #3 | 3507.658 | 68450.24 | 10561.06 | 2373.633 | 4042.766 |

Sample Name: Q1044-20DLX2      Acquired: 1/24/2025 14:05:49      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCPZ5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0399553 | -.003285 | .6871140 | .0158793 | .0097044 | 28.67224 | 17.10507 |
| Stddev | .0012734 | .001345  | .0040085 | .0010967 | .0008663 | .08279   | .01469   |
| %RSD   | 3.187118 | 40.94326 | .5833826 | 6.906608 | 8.926628 | .2887341 | .0858666 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0391210 | -.001794 | .6825677 | .0168685 | .0090555 | 28.58320 | 17.10595 |
| #2 | .0393238 | -.003654 | .6901396 | .0146999 | .0093697 | 28.74689 | 17.11929 |
| #3 | .0414211 | -.004407 | .6886349 | .0160693 | .0106882 | 28.68662 | 17.08996 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038946 | .0043978 | 34.83606 | .0766156 | .0928000 | .1070950 | 77.65363 |
| Stddev | .0000466 | .0000808 | .10516   | .0003439 | .0005033 | .0017371 | .14716   |
| %RSD   | 1.196227 | 1.836744 | .3018684 | .4488396 | .5423582 | 1.621975 | .1895114 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0039480 | .0043075 | 34.72998 | .0764686 | .0923921 | .1074325 | 77.51051 |
| #2 | .0038737 | .0044633 | 34.94027 | .0770085 | .0933625 | .1052140 | 77.80453 |
| #3 | .0038622 | .0044225 | 34.83793 | .0763696 | .0926455 | .1086386 | 77.64584 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.850359 | 7.486500 | .0742187 | .0031629 | -.025592 | .1117627 | 1.013849 |
| Stddev | .026626  | .040263  | .0008264 | .0001395 | .176613  | .0009632 | .004185  |
| %RSD   | .3391709 | .5378028 | 1.113513 | 4.411428 | 690.0972 | .8617926 | .4127379 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.829419 | 7.440404 | .0737634 | .0030546 | -.091613 | .1124217 | 1.010473 |
| #2 | 7.880325 | 7.514792 | .0751727 | .0031137 | .174519  | .1122090 | 1.018531 |
| #3 | 7.841335 | 7.504303 | .0737200 | .0033203 | -.159684 | .1106573 | 1.012543 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.170516 | 3.654397 | .3235693 | .0029069 | 5.185200 | 6.209520 | .0068443 |
| Stddev | .031592  | .020484  | .0010370 | .0004294 | .025734  | .007719  | .0002113 |
| %RSD   | .7574974 | .5605422 | .3204796 | 14.76974 | .4963030 | .1243089 | 3.087498 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.134132 | 3.631367 | .3246632 | .0024149 | 5.156689 | 6.218429 | .0070856 |
| #2 | 4.190983 | 3.661238 | .3234442 | .0032057 | 5.206707 | 6.204825 | .0067552 |
| #3 | 4.186434 | 3.670585 | .3226006 | .0031001 | 5.192205 | 6.205306 | .0066922 |

Sample Name: Q1044-20DLX2      Acquired: 1/24/2025 14:05:49      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCPZ5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7766013 | .0140900 | .2153920 |
| Stddev | .0014149 | .0013083 | .0006823 |
| %RSD   | .1821927 | 9.285442 | .3167574 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7770195 | .0139430 | .2146812 |
| #2 | .7750244 | .0154656 | .2160416 |
| #3 | .7777599 | .0128614 | .2154531 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3477.352 | 68859.46 | 10665.81 | 2406.394 | 3956.906 |
| Stddev    | 7.819    | 200.28   | 67.92    | 7.867    | 10.836   |
| %RSD      | .2248664 | .2908494 | .6367566 | .3269354 | .2738441 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3486.354 | 68658.29 | 10601.29 | 2406.094 | 3966.988 |
| #2 | 3472.247 | 69058.83 | 10736.68 | 2398.682 | 3945.448 |
| #3 | 3473.455 | 68861.27 | 10659.47 | 2414.408 | 3958.283 |

Sample Name: Q1044-21DLX2      Acquired: 1/24/2025 14:09:55      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCPZ6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0470992 | -.003267 | 2.162137 | .0178036 | .0118128 | 22.26627 | 19.53919 |
| Stddev | .0024798 | .001689  | .001687  | .0014364 | .0012798 | .04125   | .11818   |
| %RSD   | 5.265114 | 51.70841 | .0780258 | 8.067920 | 10.83423 | .1852794 | .6048235 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0442958 | -.001318 | 2.160242 | .0192280 | .0106921 | 22.27117 | 19.50275 |
| #2 | .0490063 | -.004180 | 2.162696 | .0178273 | .0132074 | 22.30485 | 19.67130 |
| #3 | .0479953 | -.004304 | 2.163474 | .0163555 | .0115390 | 22.22278 | 19.44352 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034690 | .0200109 | 66.11299 | .0936969 | .0879095 | .2466442 | 94.28186 |
| Stddev | .0000411 | .0000205 | .03596   | .0004186 | .0004745 | .0035654 | .14095   |
| %RSD   | 1.186096 | .1023821 | .0543915 | .4467819 | .5397861 | 1.445568 | .1495028 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0034723 | .0200243 | 66.07507 | .0936063 | .0873896 | .2479888 | 94.33877 |
| #2 | .0034263 | .0199873 | 66.11730 | .0933310 | .0883193 | .2493418 | 94.38546 |
| #3 | .0035084 | .0200211 | 66.14660 | .0941534 | .0880197 | .2426020 | 94.12135 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.851874 | 28.29950 | .0771640 | .0030780 | -.239320 | .1189701 | 4.765091 |
| Stddev | .019256  | .09228   | .0003802 | .0003566 | .137841  | .0029749 | .023390  |
| %RSD   | .2810396 | .3260900 | .4927189 | 11.58459 | 57.59715 | 2.500555 | .4908633 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.830763 | 28.30117 | .0768095 | .0027005 | -.266903 | .1170640 | 4.741288 |
| #2 | 6.868475 | 28.20640 | .0775655 | .0031244 | -.089772 | .1223981 | 4.765940 |
| #3 | 6.856383 | 28.39094 | .0771168 | .0034090 | -.361283 | .1174483 | 4.788046 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.358116 | 2.903048 | .3881560 | .0037391 | 6.546789 | 5.725057 | .0324774 |
| Stddev | .013208  | .003696  | .0002287 | .0002239 | .010907  | .060503  | .0002154 |
| %RSD   | .5601007 | .1273225 | .0589281 | 5.986890 | .1665963 | 1.056807 | .6630937 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.344397 | 2.903658 | .3879319 | .0035386 | 6.536433 | 5.733189 | .0325206 |
| #2 | 2.359207 | 2.906401 | .3883891 | .0039806 | 6.558173 | 5.781082 | .0326679 |
| #3 | 2.370745 | 2.899084 | .3881471 | .0036981 | 6.545762 | 5.660899 | .0322437 |

Sample Name: Q1044-21DLX2      Acquired: 1/24/2025 14:09:55      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCPZ6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6480756 | .0098247 | .1864579 |
| Stddev | .0095499 | .0008639 | .0006652 |
| %RSD   | 1.473583 | 8.793315 | .3567504 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6498330 | .0106542 | .1858242 |
| #2 | .6566247 | .0089301 | .1871506 |
| #3 | .6377690 | .0098896 | .1863989 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3495.484 | 68069.89 | 10422.94 | 2399.333 | 3997.167 |
| Stddev    | 4.385    | 94.93    | 111.01   | 5.581    | 4.906    |
| %RSD      | .1254588 | .1394604 | 1.065057 | .2326103 | .1227375 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3494.403 | 67968.34 | 10366.00 | 2396.923 | 4000.876 |
| #2 | 3491.740 | 68156.40 | 10351.96 | 2405.714 | 3991.604 |
| #3 | 3500.309 | 68084.94 | 10550.87 | 2395.362 | 3999.022 |



Sample Name: Q1045-01DLX2      Acquired: 1/24/2025 14:14:00      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCPZ8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0300085 | -.002200 | .5039149 | .0042354 | .0081499 | 19.38592 |
| Stddev | .0062323 | .003023  | .0010984 | .0013986 | .0006772 | .09766   |
| %RSD   | 20.76861 | 137.3839 | .2179808 | 33.02126 | 8.309807 | .5037877 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0265201 | -.005184 | .5026793 | .0032667 | .0076423 | 19.32670 |
| #2 | .0372038 | -.002279 | .5042844 | .0036006 | .0089188 | 19.49864 |
| #3 | .0263015 | .000861  | .5047809 | .0058387 | .0078884 | 19.33241 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.68860 | .0024048 | .0088251 | 427.8904 | .0594164 | .0563052 |
| Stddev | .10941   | .0000252 | .0000346 | 2.2254   | .0003785 | .0001303 |
| %RSD   | .7992503 | 1.047528 | .3918603 | .5200803 | .6370986 | .2313525 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 13.71484 | .0023766 | .0088129 | 425.3289 | .0590584 | .0561893 |
| #2 | 13.78249 | .0024251 | .0087982 | 429.3476 | .0598126 | .0562800 |
| #3 | 13.56845 | .0024126 | .0088641 | 428.9948 | .0593782 | .0564462 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0625348 | 57.30229 | 4.828089 | 232.6469 | .0588015 | .0014326 |
| Stddev | .0039082 | .24388   | .007715  | .9846    | .0007920 | .0001759 |
| %RSD   | 6.249587 | .4256097 | .1597910 | .4232078 | 1.346935 | 12.27599 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0666390 | 57.14959 | 4.824535 | 232.0856 | .0579584 | .0015712 |
| #2 | .0588577 | 57.58356 | 4.836941 | 233.7838 | .0589164 | .0014919 |
| #3 | .0621078 | 57.17373 | 4.822792 | 232.0714 | .0595299 | .0012347 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.558214 | .0985107 | 3.785759 | 1.482605 | 1.466728 | .2323135 |
| Stddev | .260323  | .0033333 | .013159  | .039323  | .004948  | .0015126 |
| %RSD   | 46.63504 | 3.383722 | .3475826 | 2.652280 | .3373354 | .6510856 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.322858 | .0979692 | 3.782225 | 1.525557 | 1.467635 | .2328949 |
| #2 | -.513954 | .1020815 | 3.800324 | 1.448377 | 1.461389 | .2334491 |
| #3 | -.837830 | .0954812 | 3.774728 | 1.473881 | 1.471159 | .2305965 |

Sample Name: Q1045-01DLX2      Acquired: 1/24/2025 14:14:00      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCPZ8      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015848 | F 10.77037 | 5.754596 | .0019025 | .5251496 | .0201143 |
| Stddev | .0005631 | .04243     | .029931  | .0006821 | .0030402 | .0014595 |
| %RSD   | 35.52909 | .3939415   | .5201224 | 35.85273 | .5789132 | 7.256013 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0021921 | 10.73665 | 5.786231 | .0026577 | .5279621 | .0199994 |
| #2 | .0010801 | 10.75645 | 5.750831 | .0017187 | .5219240 | .0216278 |
| #3 | .0014820 | 10.81801 | 5.726726 | .0013311 | .5255626 | .0187156 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3318939 |
| Stddev | .0010756 |
| %RSD   | .3240876 |

|    |          |
|----|----------|
| #1 | .3317373 |
| #2 | .3330393 |
| #3 | .3309052 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3061.149 | 61865.02 | 9681.532 | 2168.290 | 3387.045 |
| Stddev    | 17.810   | 115.21   | 53.624   | 3.172    | 14.558   |
| %RSD      | .5818066 | .1862204 | .5538792 | .1463029 | .4298158 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3058.396 | 61820.29 | 9628.449 | 2167.526 | 3385.844 |
| #2 | 3080.176 | 61778.89 | 9735.681 | 2165.570 | 3402.166 |
| #3 | 3044.876 | 61995.88 | 9680.467 | 2171.775 | 3373.124 |

Sample Name: Q1045-03DLX2      Acquired: 1/24/2025 14:18:15      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ00      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0619661</b> | <b>-.002954</b> | <b>7.361340</b> | <b>.0265968</b> | <b>.0134240</b> | <b>34.35029</b> | <b>14.50233</b> |
| Stddev | .0010947        | .002040         | .033842         | .0013351        | .0002138        | .16732          | .05202          |
| %RSD   | 1.766530        | 69.04953        | .4597258        | 5.019708        | 1.592972        | .4870916        | .3586840        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0609358 | -.001509 | 7.350851 | .0250867 | .0136340 | 34.21615 | 14.54152 |
| #2 | .0618471 | -.002066 | 7.333983 | .0270834 | .0132065 | 34.53777 | 14.44331 |
| #3 | .0631154 | -.005287 | 7.399184 | .0276203 | .0134315 | 34.29694 | 14.52215 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0046460</b> | <b>.0140970</b> | <b>34.29943</b> | <b>.1019812</b> | <b>.1015626</b> | <b>.1593115</b> | <b>131.2447</b> |
| Stddev | .0000340        | .0001568        | .19982          | .0007000        | .0004071        | .0021162        | .5654           |
| %RSD   | .7308997        | 1.111997        | .5825740        | .6864008        | .4008788        | 1.328356        | .4308180        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046672 | .0142183 | 34.11958 | .1015885 | .1017007 | .1580621 | 130.7286 |
| #2 | .0046640 | .0139200 | 34.51453 | .1027893 | .1011043 | .1581175 | 131.8491 |
| #3 | .0046069 | .0141528 | 34.26418 | .1015656 | .1018827 | .1617549 | 131.1563 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>7.225860</b> | <b>14.92420</b> | <b>.1073539</b> | <b>.0038013</b> | <b>.3709870</b> | <b>.1851258</b> | <b>3.227239</b> |
| Stddev | .030814         | .05863          | .0009064        | .0004213        | .2940522        | .0010987        | .030007         |
| %RSD   | .4264374        | .3928290        | .8443283        | 11.08227        | 79.26213        | .5934911        | .9297995        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.209449 | 14.86920 | .1073236 | .0036999 | .2212954 | .1847584 | 3.193115 |
| #2 | 7.261406 | 14.98589 | .1064630 | .0034399 | .7097665 | .1863611 | 3.249506 |
| #3 | 7.206725 | 14.91753 | .1082751 | .0042640 | .1818990 | .1842579 | 3.239096 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.244717</b> | <b>1.672682</b> | <b>.5259588</b> | <b>.0019931</b> | <b>4.368094</b> | <b>6.322605</b> | <b>.0073526</b> |
| Stddev | .059488         | .007462         | .0032498        | .0001479        | .014988         | .018109         | .0006613        |
| %RSD   | 1.833375        | .4461373        | .6178827        | 7.421248        | .3431266        | .2864183        | 8.994271        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.184898 | 1.676058 | .5229449 | .0018433 | 4.371147 | 6.314355 | .0080803 |
| #2 | 3.245386 | 1.664128 | .5294019 | .0019969 | 4.351815 | 6.310089 | .0067882 |
| #3 | 3.303868 | 1.677859 | .5255295 | .0021391 | 4.381321 | 6.343370 | .0071892 |

Sample Name: Q1045-03DLX2      Acquired: 1/24/2025 14:18:15      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ00      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361          | Li6707          | Sr4077          |
|--------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.8211207</b> | <b>.0141833</b> | <b>.1138846</b> |
| Stddev | .0018196        | .0008412        | .0005797        |
| %RSD   | .2216036        | 5.931180        | .5089822        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.8206138</b> | <b>.0141557</b> | <b>.1136808</b> |
| #2 | <b>.8196084</b> | <b>.0133562</b> | <b>.1145386</b> |
| #3 | <b>.8231401</b> | <b>.0150380</b> | <b>.1134343</b> |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3456.024</b> | <b>70904.57</b> | <b>10529.26</b> | <b>2449.334</b> | <b>3873.226</b> |
| Stddev    | 8.628           | 186.19          | 40.13           | 18.791          | 12.540          |
| %RSD      | .2496580        | .2625955        | .3811087        | .7671798        | .3237715        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3453.188 | 71019.77 | 10528.22 | 2470.428 | 3870.467 |
| #2 | 3465.713 | 70689.76 | 10569.90 | 2443.189 | 3886.917 |
| #3 | 3449.171 | 71004.17 | 10489.66 | 2434.386 | 3862.296 |

Sample Name: Q1045-04DLX2      Acquired: 1/24/2025 14:22:21      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0447038</b> | <b>-.002299</b> | <b>.8987979</b> | <b>.0189022</b> | <b>.0111200</b> | <b>31.58163</b> | <b>17.78352</b> |
| Stddev | .0021076        | .001471         | .0012745        | .0008820        | .0013470        | .20829          | .16263          |
| %RSD   | 4.714645        | 64.01064        | .1417985        | 4.666033        | 12.11365        | .6595433        | .9144923        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0470054</b> | <b>-.001069</b> | <b>.8974543</b> | <b>.0182039</b> | <b>.0118730</b> | <b>31.35229</b> | <b>17.59649</b> |
| #2 | <b>.0442378</b> | <b>-.003928</b> | <b>.8989496</b> | <b>.0198934</b> | <b>.0095648</b> | <b>31.75906</b> | <b>17.89168</b> |
| #3 | <b>.0428682</b> | <b>-.001898</b> | <b>.8999897</b> | <b>.0186094</b> | <b>.0119221</b> | <b>31.63354</b> | <b>17.86238</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0029684</b> | <b>.0034133</b> | <b>25.71998</b> | <b>.0783118</b> | <b>.0681268</b> | <b>.0863642</b> | <b>94.73456</b> |
| Stddev | .0001004        | .0000288        | .15377          | .0005546        | .0003405        | .0020026        | .58463          |
| %RSD   | 3.382187        | .8440288        | .5978453        | .7081359        | .4997372        | 2.318829        | .6171260        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0029992</b> | <b>.0033981</b> | <b>25.54664</b> | <b>.0779095</b> | <b>.0681253</b> | <b>.0863948</b> | <b>94.08463</b> |
| #2 | <b>.0028562</b> | <b>.0033954</b> | <b>25.83996</b> | <b>.0780815</b> | <b>.0677871</b> | <b>.0883513</b> | <b>95.21760</b> |
| #3 | <b>.0030498</b> | <b>.0034466</b> | <b>25.77332</b> | <b>.0789444</b> | <b>.0684680</b> | <b>.0843464</b> | <b>94.90144</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.445895</b> | <b>10.19748</b> | <b>.0654378</b> | <b>.0032146</b> | <b>.3954670</b> | <b>.1364268</b> | <b>.8777889</b> |
| Stddev | .026694         | .04604          | .0006010        | .0003202        | .4229258        | .0023403        | .0083026        |
| %RSD   | .6004165        | .4514667        | .9184886        | 9.961788        | 106.9434        | 1.715416        | .9458564        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4.415678</b> | <b>10.14732</b> | <b>.0652415</b> | <b>.0034149</b> | <b>.8459640</b> | <b>.1380686</b> | <b>.8690313</b> |
| #2 | <b>4.466274</b> | <b>10.23781</b> | <b>.0649594</b> | <b>.0028453</b> | <b>.0069531</b> | <b>.1337471</b> | <b>.8855458</b> |
| #3 | <b>4.455733</b> | <b>10.20730</b> | <b>.0661124</b> | <b>.0033837</b> | <b>.3334839</b> | <b>.1374647</b> | <b>.8787896</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.970557</b> | <b>1.937115</b> | <b>.3811823</b> | <b>.0032900</b> | <b>4.786647</b> | <b>6.425309</b> | <b>.0059362</b> |
| Stddev | .083260         | .005085         | .0035548        | .0002876        | .005527         | .017948         | .0008977        |
| %RSD   | 2.802828        | .2624992        | .9325714        | 8.741208        | .1154724        | .2793358        | 15.12216        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.874623</b> | <b>1.932432</b> | <b>.3770815</b> | <b>.0029624</b> | <b>4.791639</b> | <b>6.407201</b> | <b>.0049689</b> |
| #2 | <b>3.013070</b> | <b>1.936389</b> | <b>.3830753</b> | <b>.0034063</b> | <b>4.780707</b> | <b>6.443093</b> | <b>.0060971</b> |
| #3 | <b>3.023977</b> | <b>1.942523</b> | <b>.3833899</b> | <b>.0035012</b> | <b>4.787595</b> | <b>6.425632</b> | <b>.0067425</b> |

Sample Name: Q1045-04DLX2      Acquired: 1/24/2025 14:22:21      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.8471996</b> | <b>.0159923</b> | <b>.1421892</b> |
| Stddev | .0030243        | .0005085        | .0008765        |
| %RSD   | .3569817        | 3.179476        | .6164382        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.8437699</b> | <b>.0154083</b> | <b>.1411847</b> |
| #2 | <b>.8483444</b> | <b>.0163372</b> | <b>.1427987</b> |
| #3 | <b>.8494844</b> | <b>.0162313</b> | <b>.1425841</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3368.994</b> | <b>67468.41</b> | <b>10541.18</b> | <b>2352.883</b> | <b>3867.516</b> |
| Stddev    | 4.786           | 118.22          | 29.51           | 12.759          | 1.464           |
| %RSD      | .1420743        | .1752296        | .2799723        | .5422708        | .0378573        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3366.876 | 67598.59 | 10508.05 | 2367.601 | 3869.038 |
| #2 | 3365.631 | 67367.72 | 10564.64 | 2344.949 | 3866.117 |
| #3 | 3374.473 | 67438.93 | 10550.87 | 2346.100 | 3867.393 |

Sample Name: Q1045-05DLX2      Acquired: 1/24/2025 14:26:27      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0190890 | -.002517 | .3615007 | -.008920 | .0053190 | 1.706860 |
| Stddev | .0015508 | .001478  | .0047196 | .005135  | .0026575 | .019540  |
| %RSD   | 8.124173 | 58.74820 | 1.305551 | 57.56120 | 49.96285 | 1.144814 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0181236 | -.003398 | .3615523 | -.013615 | .0023342 | 1.727110 |
| #2 | .0208779 | -.000810 | .3661943 | -.003437 | .0074285 | 1.688116 |
| #3 | .0182656 | -.003342 | .3567556 | -.009710 | .0061942 | 1.705353 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 11.97059 | .0003858 | .0114738 | F 1029.106 | .0305123 | .0125689 |
| Stddev | .13407   | .0000356 | .0000867 | 6.026      | .0000764 | .0001149 |
| %RSD   | 1.119997 | 9.238942 | .7560469 | .5855599   | .2502736 | .9139927 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 11.82512 | .0003479 | .0113869 | 1027.343 | .0305095 | .0124503 |
| #2 | 11.99744 | .0003909 | .0115604 | 1024.159 | .0305901 | .0126797 |
| #3 | 12.08920 | .0004186 | .0114742 | 1035.817 | .0304374 | .0125767 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0742833 | 23.81369 | .8585918 | 582.7631 | .0362985 | .0001660 |
| Stddev | .0011496 | .06477   | .0041993 | 2.2958   | .0002864 | .0007560 |
| %RSD   | 1.547523 | .2719733 | .4890890 | .3939570 | .7890757 | 455.3835 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0748649 | 23.79351 | .8582584 | 581.8275 | .0361154 | .0005473 |
| #2 | .0750259 | 23.76142 | .8545692 | 581.0829 | .0361515 | .0006555 |
| #3 | .0729592 | 23.88615 | .8629479 | 585.3790 | .0366286 | -.000705 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.914979 | .0546666 | 4.713886 | -.254451 | .4541823 | .1077276 |
| Stddev | .353178  | .0011086 | .008035  | .006446  | .0003906 | .0014400 |
| %RSD   | 38.59958 | 2.027968 | .1704538 | 2.533170 | .0859998 | 1.336692 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -1.29706 | .0544568 | 4.711152 | -.250653 | .4546331 | .1067883 |
| #2 | -.60046  | .0558651 | 4.722931 | -.250806 | .4539452 | .1070090 |
| #3 | -.84743  | .0536779 | 4.707574 | -.261893 | .4539685 | .1093854 |

Sample Name: Q1045-05DLX2      Acquired: 1/24/2025 14:26:27      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: GCQ02      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029514 | F 19.38843 | .9761523 | -.004196 | .0198859 | .0269563 |
| Stddev | .0005543 | .02605     | .0045979 | .000407  | .0014485 | .0007045 |
| %RSD   | 18.78091 | .1343813   | .4710249 | 9.691113 | 7.283882 | 2.613459 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0025182 | 19.41851 | .9720863 | -.004396 | .0183656 | .0261757 |
| #2 | .0035760 | 19.37258 | .9752287 | -.003728 | .0212499 | .0271482 |
| #3 | .0027598 | 19.37422 | .9811420 | -.004464 | .0200422 | .0275449 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .4250500 |
| Stddev | .0006462 |
| %RSD   | .1520211 |

|    |          |
|----|----------|
| #1 | .4253339 |
| #2 | .4243105 |
| #3 | .4255056 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2759.009 | 56657.06 | 9199.988 | 1905.582 | 3080.319 |
| Stddev    | 11.188   | 171.83   | 18.668   | 1.611    | 9.075    |
| %RSD      | .4054927 | .3032830 | .2029159 | .0845165 | .2946201 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2746.987 | 56672.18 | 9210.000 | 1904.325 | 3074.404 |
| #2 | 2760.925 | 56820.84 | 9211.515 | 1907.398 | 3075.785 |
| #3 | 2769.114 | 56478.17 | 9178.450 | 1905.024 | 3090.768 |



Sample Name: CCV014      Acquired: 1/24/2025 14:30:45      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV014      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.795527</b> | <b>4.903983</b> | <b>24.30697</b> | <b>4.828828</b> | <b>4.883459</b> | <b>396.3679</b> |
| Stddev | .013337         | .020518         | .02938          | .006178         | .014419         | 2.4117          |
| %RSD   | .2781044        | .4183909        | .1208755        | .1279475        | .2952580        | .6084431        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.793347 | 4.924730 | 24.29914 | 4.835100 | 4.893747 | 394.2697 |
| #2 | 4.783415 | 4.883703 | 24.28230 | 4.822747 | 4.866978 | 399.0026 |
| #3 | 4.809819 | 4.903516 | 24.33948 | 4.828637 | 4.889651 | 395.8314 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>9.754595</b> | <b>.4909105</b> | <b>2.453180</b> | <b>391.1941</b> | <b>15.45378</b> | <b>2.454630</b> |
| Stddev | .125614         | .0026574        | .002112         | 2.5189          | .02250          | .003899         |
| %RSD   | 1.287738        | .5413258        | .0860729        | .6438965        | .1456040        | .1588280        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.609940 | .4920691 | 2.453983 | 394.0739 | 15.43112 | 2.451976 |
| #2 | 9.817706 | .4927920 | 2.450785 | 390.1076 | 15.47612 | 2.452808 |
| #3 | 9.836140 | .4878705 | 2.454773 | 389.4008 | 15.45411 | 2.459106 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>14.23948</b> | <b>401.9973</b> | <b>14.48294</b> | <b>391.9465</b> | <b>2.452165</b> | <b>1.264049</b> |
| Stddev | .03978          | 1.7277          | .04501          | 1.4210          | .002803         | .003185         |
| %RSD   | .2793300        | .4297813        | .3107715        | .3625525        | .1143209        | .2519751        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 14.27227 | 400.0088 | 14.44304 | 390.3057 | 2.453691 | 1.262094 |
| #2 | 14.25094 | 403.1305 | 14.47406 | 392.7552 | 2.448930 | 1.267724 |
| #3 | 14.19523 | 402.8526 | 14.53173 | 392.7786 | 2.453875 | 1.262328 |

|        |                 |                 |                 |                 |                 |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>368.6671</b> | <b>2.413424</b> | <b>14.87305</b> | <b>152.0711</b> | <b>4.921743</b> | <b>F 5.859397</b> |
| Stddev | 1.6085          | .009068         | .04663          | .7476           | .010727         | .022051           |
| %RSD   | .4363028        | .3757139        | .3135183        | .4916072        | .2179452        | .3763276          |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 370.3514 | 2.402971 | 14.85440 | 151.2080 | 4.917779 | 5.867237 |
| #2 | 368.5029 | 2.419174 | 14.83864 | 152.4904 | 4.913563 | 5.876456 |
| #3 | 367.1469 | 2.418127 | 14.92612 | 152.5150 | 4.933888 | 5.834498 |

Sample Name: CCV014      Acquired: 1/24/2025 14:30:45      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV014      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.820248</b> | <b>4.931645</b> | <b>4.779837</b> | <b>4.941196</b> | <b>4.803072</b> | <b>4.852992</b> |
| Stddev | .007774         | .021784         | .023357         | .005132         | .014680         | .014586         |
| %RSD   | .1612873        | .4417094        | .4886513        | .1038546        | .3056431        | .3005666        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.823054 | 4.936738 | 4.778318 | 4.940929 | 4.812674 | 4.838055 |
| #2 | 4.811460 | 4.907766 | 4.803916 | 4.936203 | 4.810370 | 4.853719 |
| #3 | 4.826229 | 4.950430 | 4.757277 | 4.946456 | 4.786173 | 4.867201 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>4.903969</b> |
| Stddev | .013892         |
| %RSD   | .2832796        |

|    |          |
|----|----------|
| #1 | 4.907038 |
| #2 | 4.916070 |
| #3 | 4.888800 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2661.272</b> | <b>56981.34</b> | <b>9311.265</b> | <b>1937.989</b> | <b>3105.353</b> |
| Stddev    | 6.323           | 128.00          | 57.570          | 2.744           | 4.775           |
| %RSD      | .2375946        | .2246343        | .6182785        | .1415830        | .1537722        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2659.348 | 57096.97 | 9284.016 | 1941.158 | 3104.425 |
| #2 | 2668.334 | 56843.80 | 9272.378 | 1936.371 | 3110.524 |
| #3 | 2656.135 | 57003.26 | 9377.400 | 1936.440 | 3101.109 |

Sample Name: CCB014      Acquired: 1/24/2025 14:35:04      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB014      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008825 | .0007542 | -.000785 | -.001957 | .0008117 | .0061884 | -.000214 |
| Stddev | .0013514 | .0010129 | .000952  | .001886  | .0010700 | .0060767 | .000861  |
| %RSD   | 153.1248 | 134.2932 | 121.2627 | 96.36510 | 131.8229 | 98.19454 | 403.0722 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012899 | .0019044 | -.000829 | -.000015 | .0019214 | .0040724 | .000414  |
| #2 | .0019834 | .0003628 | -.001715 | -.002075 | -.000214 | .0014526 | .000140  |
| #3 | -.000626 | -.000005 | .000188  | -.003780 | .000727  | .0130402 | -.001195 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000010 | -.000003 | .1062897 | .0001975 | .0000678 | -.002222 | .0079960 |
| Stddev | .000086  | .000044  | .0055930 | .0002912 | .0001745 | .001900  | .0095238 |
| %RSD   | 852.9495 | 1405.682 | 5.262086 | 147.4911 | 257.4039 | 85.49281 | 119.1072 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000063  | .000019  | .1127200 | .0005083 | -.000133 | -.001145 | .0011617 |
| #2 | -.000105 | -.000054 | .1025547 | -.000069 | .000185  | -.004415 | .0039518 |
| #3 | .000012  | .000025  | .1035943 | .000153  | .000151  | -.001106 | .0188745 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000195 | -.010912 | .0000861 | .0000410 | .0516453 | .0010076 | .0055202 |
| Stddev | .000302  | .007783  | .0001899 | .0001123 | .3696146 | .0007688 | .0010552 |
| %RSD   | 154.8494 | 71.32395 | 220.5088 | 273.9530 | 715.6788 | 76.29680 | 19.11529 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000181 | -.016223 | .0001500 | -.000061 | .2666070 | .0001237 | .0043218 |
| #2 | .000099  | -.014536 | -.000127 | .000022  | .2634740 | .0013789 | .0063099 |
| #3 | -.000503 | -.001978 | .000236  | .000161  | -.375145 | .0015202 | .0059289 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.187276 | .0026401 | -.007415 | -.000067 | .0018115 | .0016302 | .0002782 |
| Stddev | .084683  | .0014092 | .000361  | .000242  | .0028259 | .0024088 | .0010882 |
| %RSD   | 45.21856 | 53.37849 | 4.866760 | 361.7477 | 156.0010 | 147.7662 | 391.1625 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.090806 | .0040027 | -.007229 | -.000326 | .0046385 | -.000703 | -.000245 |
| #2 | -.221674 | .0011885 | -.007186 | .000152  | .0018091 | .001485  | .001529  |
| #3 | -.249347 | .0027290 | -.007831 | -.000027 | -.001013 | .004108  | -.000450 |

Sample Name: CCB014      Acquired: 1/24/2025 14:35:04      Type: Unk  
Method: EPA SFAM01.0(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB014      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361          | Li6707          | Sr4077          |
|--------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000405</b> | <b>-.003740</b> | <b>.0001022</b> |
| Stddev | .000972         | .000056         | .0000246        |
| %RSD   | 239.9917        | 1.500436        | 24.03355        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000285</b> | <b>-.003798</b> | <b>.0000784</b> |
| #2 | <b>-.001431</b> | <b>-.003736</b> | <b>.0001007</b> |
| #3 | <b>.000501</b>  | <b>-.003686</b> | <b>.0001274</b> |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3286.702</b> | <b>66906.16</b> | <b>9868.178</b> | <b>2369.848</b> | <b>3989.360</b> |
| Stddev    | 6.180           | 150.54          | 67.073          | 7.829           | 4.629           |
| %RSD      | .1880331        | .2250049        | .6796881        | .3303663        | .1160446        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3293.380 | 66742.65 | 9897.075 | 2363.878 | 3994.447 |
| #2 | 3281.185 | 66936.82 | 9791.501 | 2366.953 | 3985.394 |
| #3 | 3285.540 | 67039.01 | 9915.960 | 2378.712 | 3988.240 |