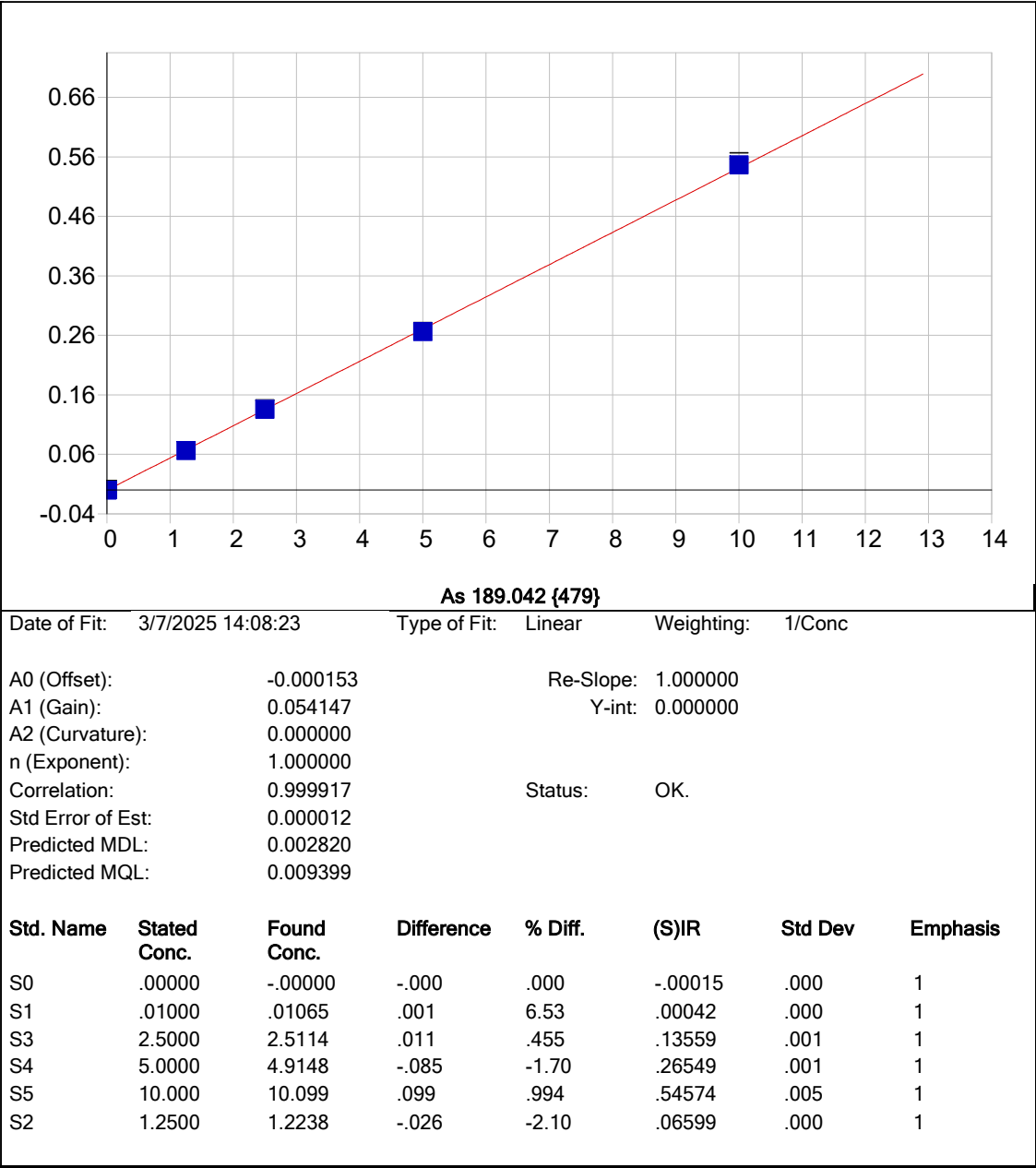
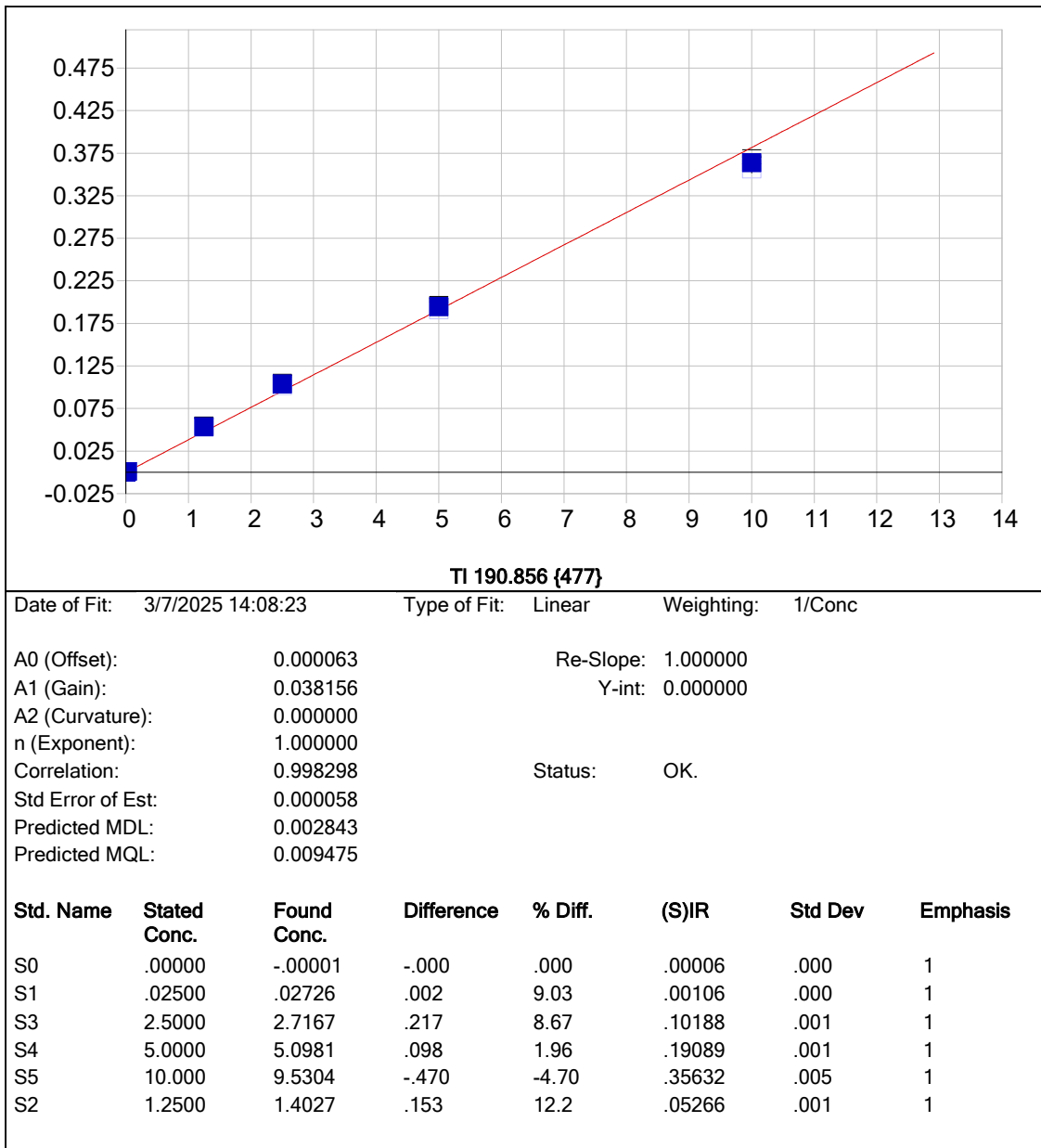
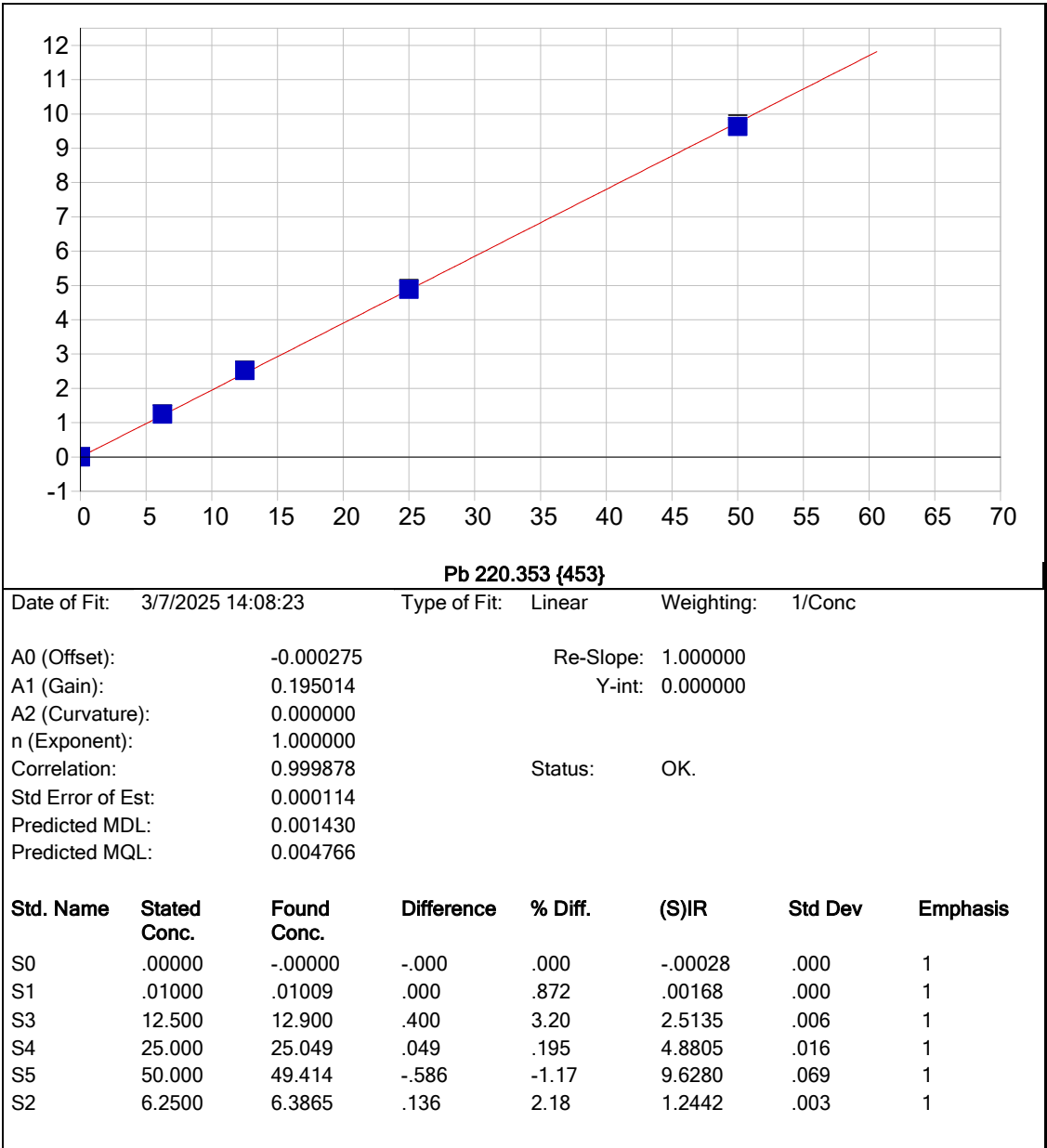


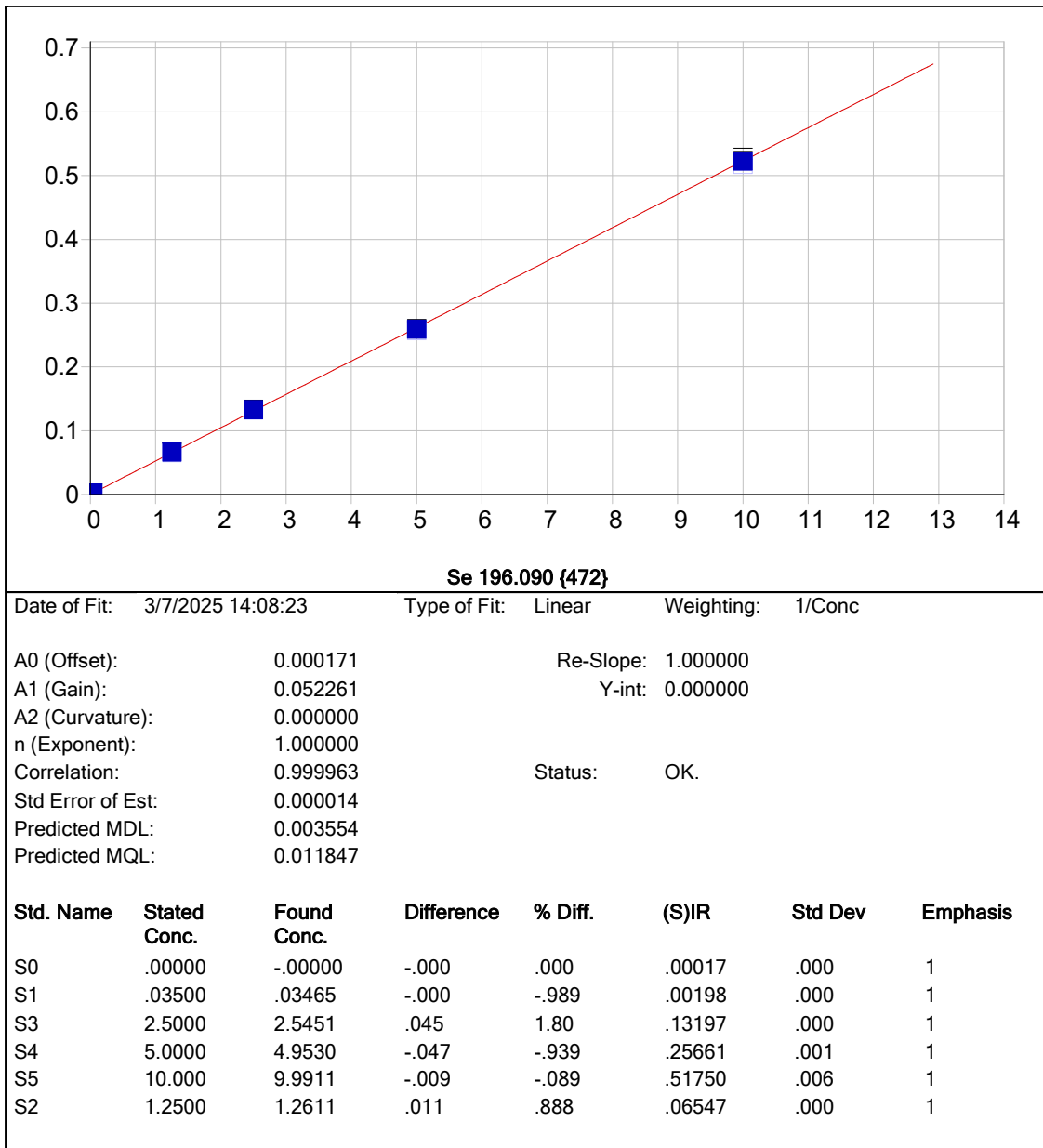


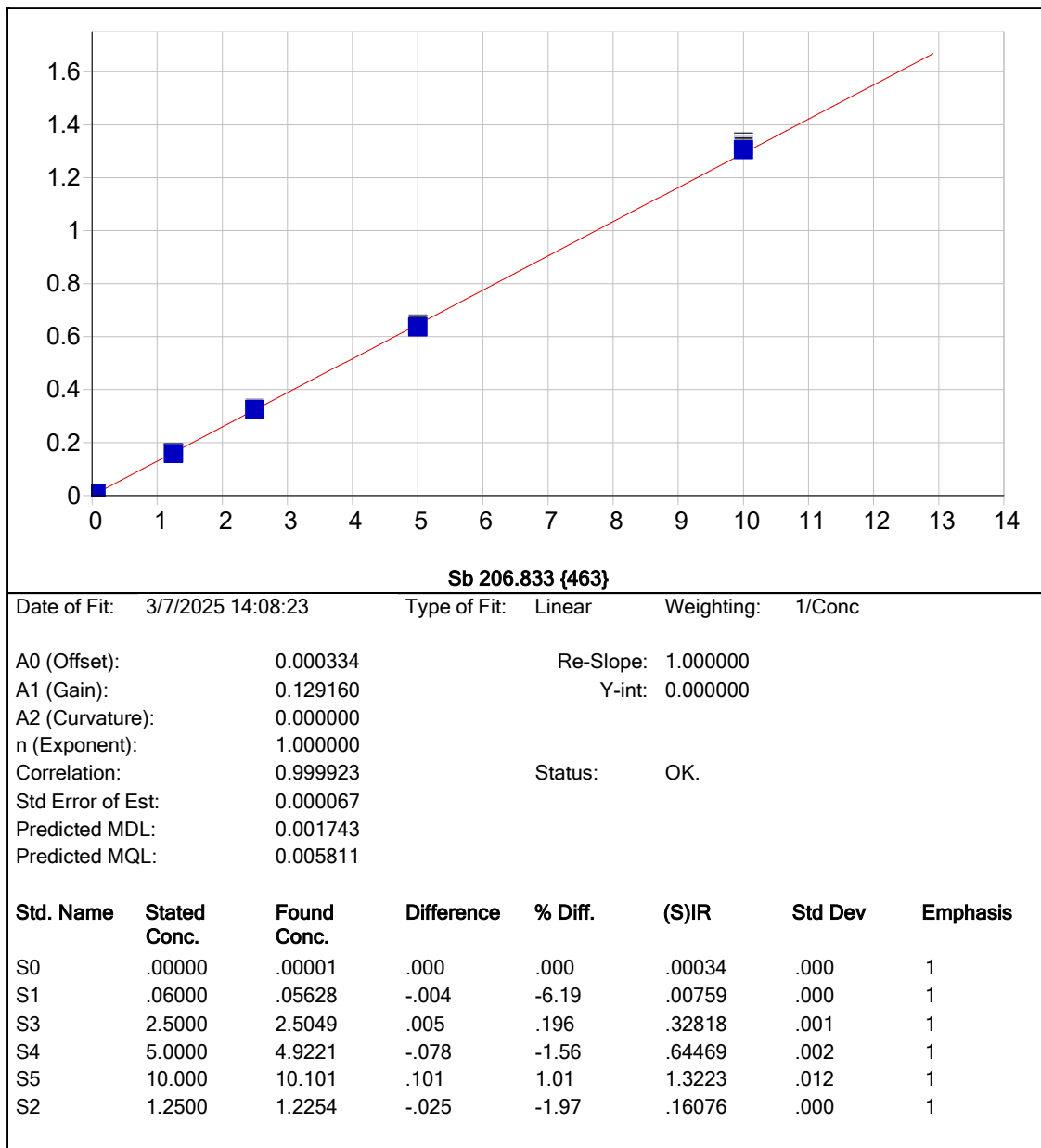


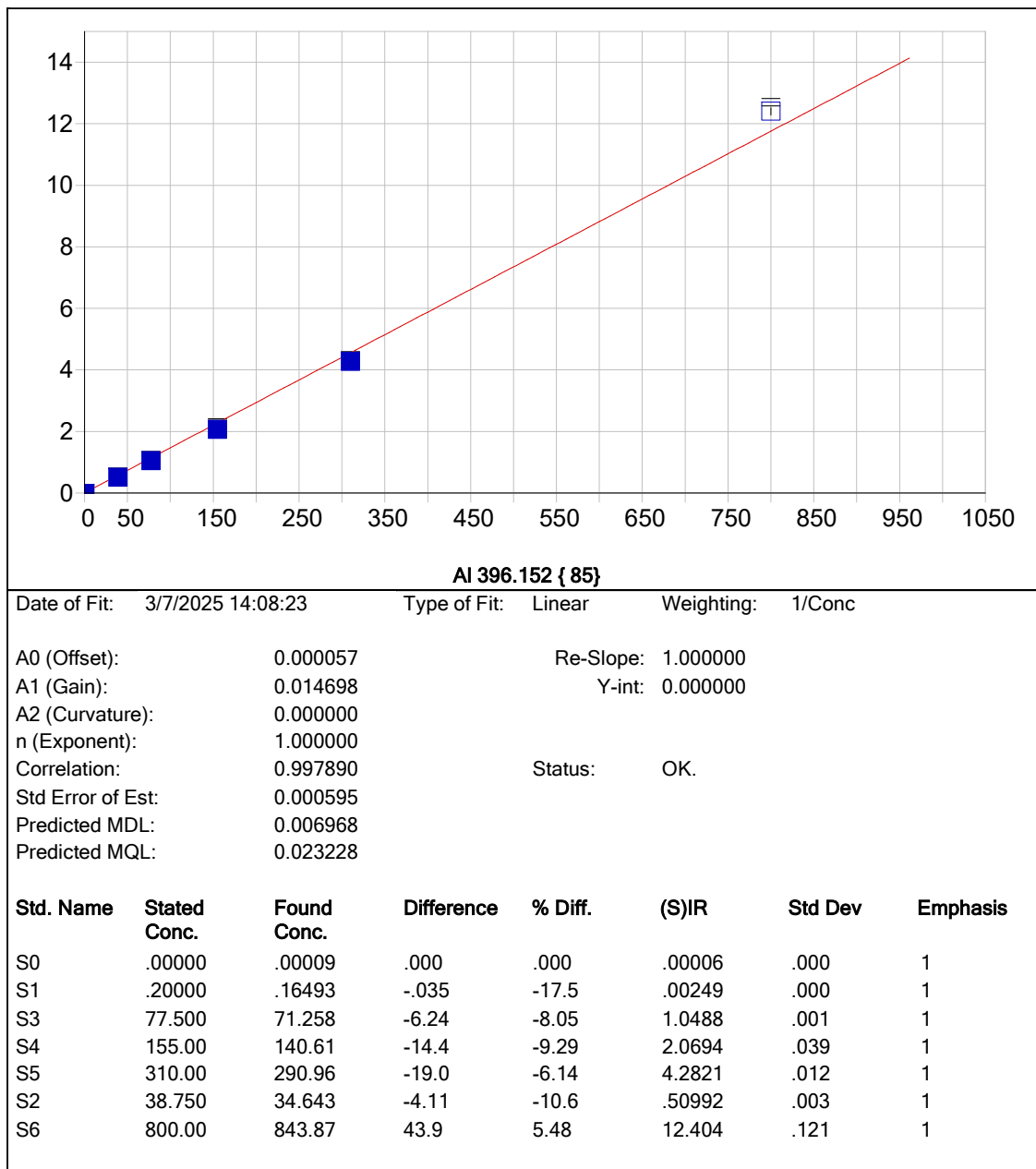


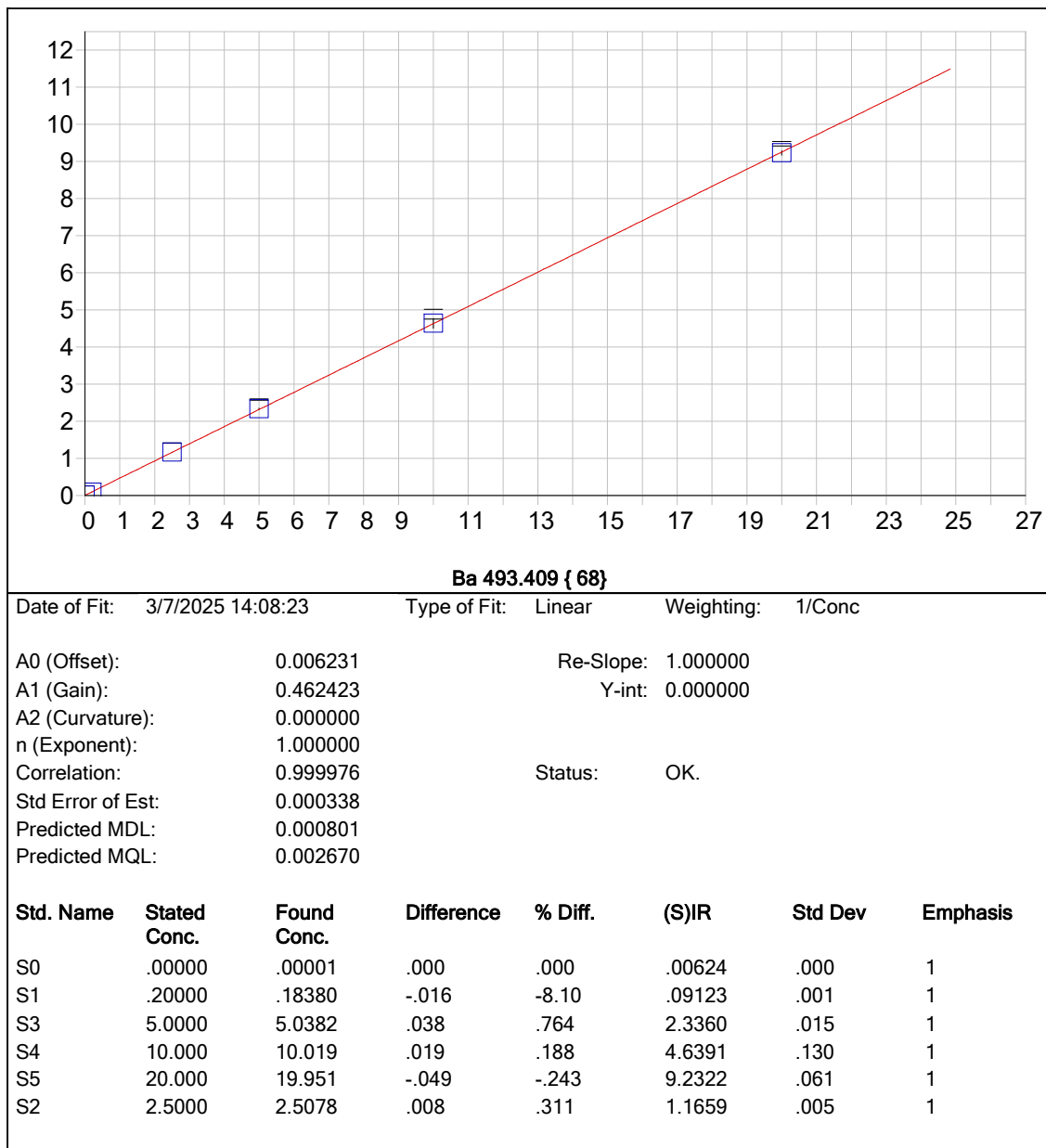
Date of Fit: 3/7/2025 14:08:23      Type of Fit: Linear      Weighting: 1/Conc

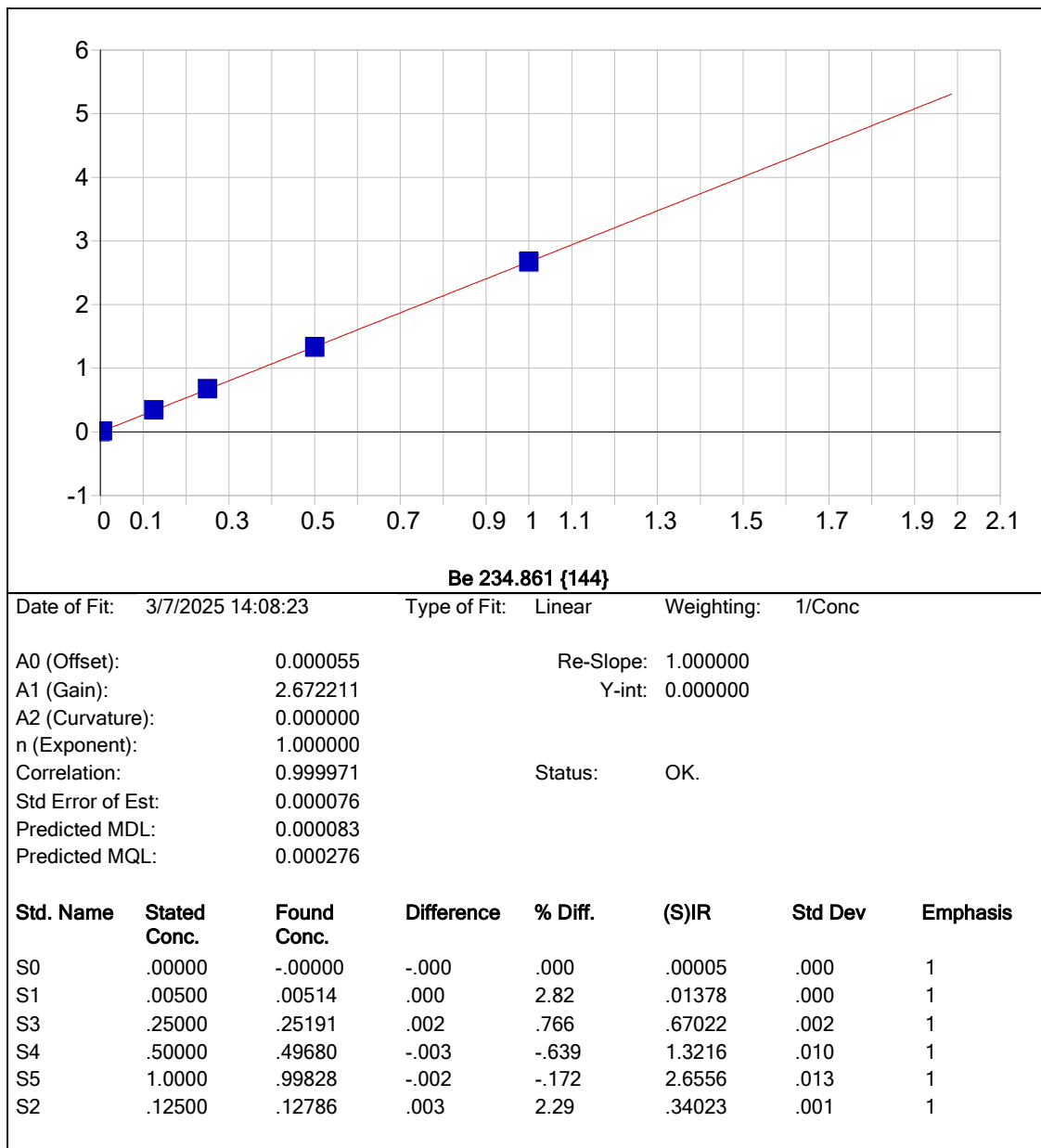
A0 (Offset): -0.000275      Re-Slope: 1.000000  
A1 (Gain): 0.195014      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999878      Status: OK.  
Std Error of Est: 0.000114  
Predicted MDL: 0.001430  
Predicted MQL: 0.004766



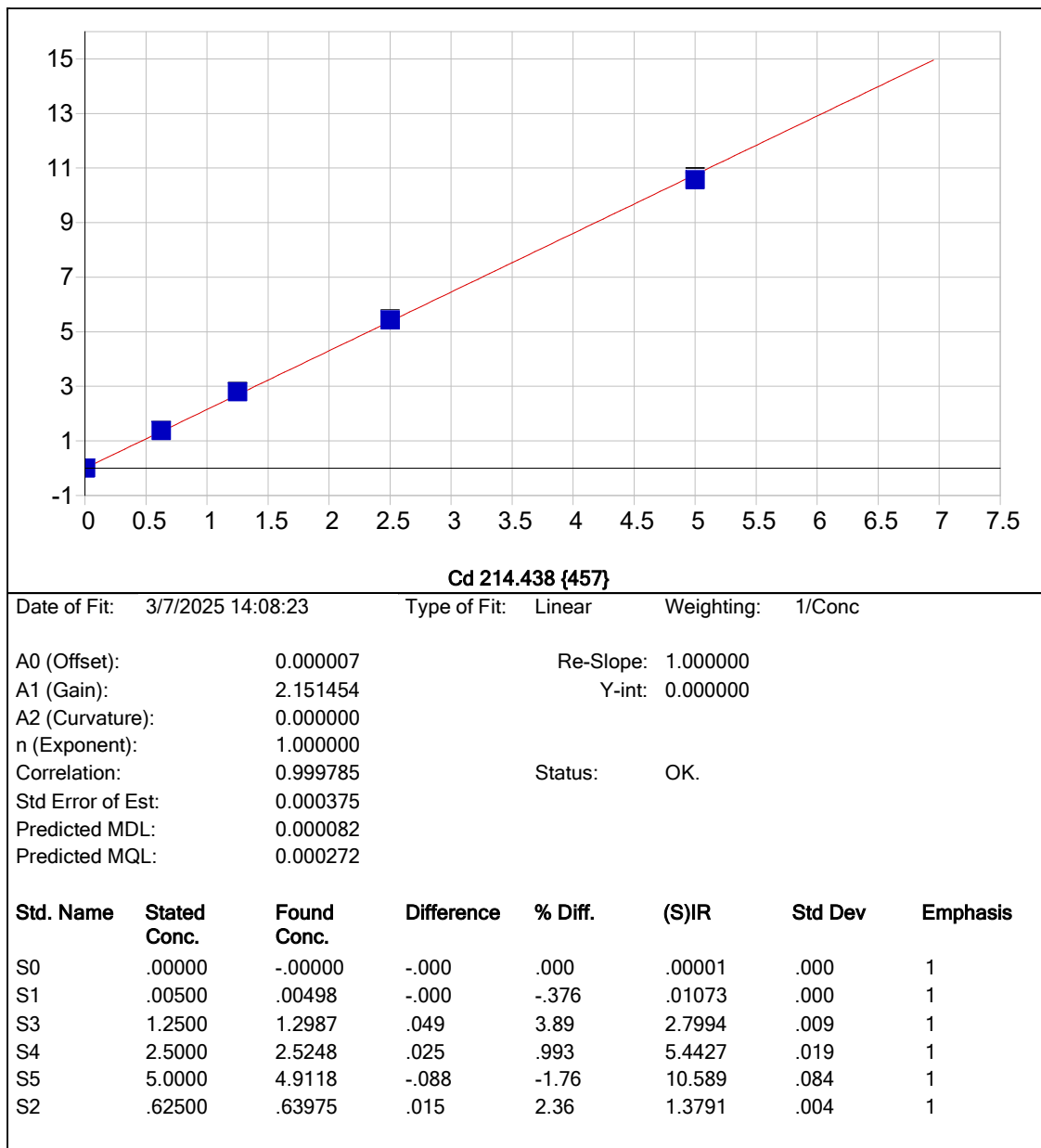


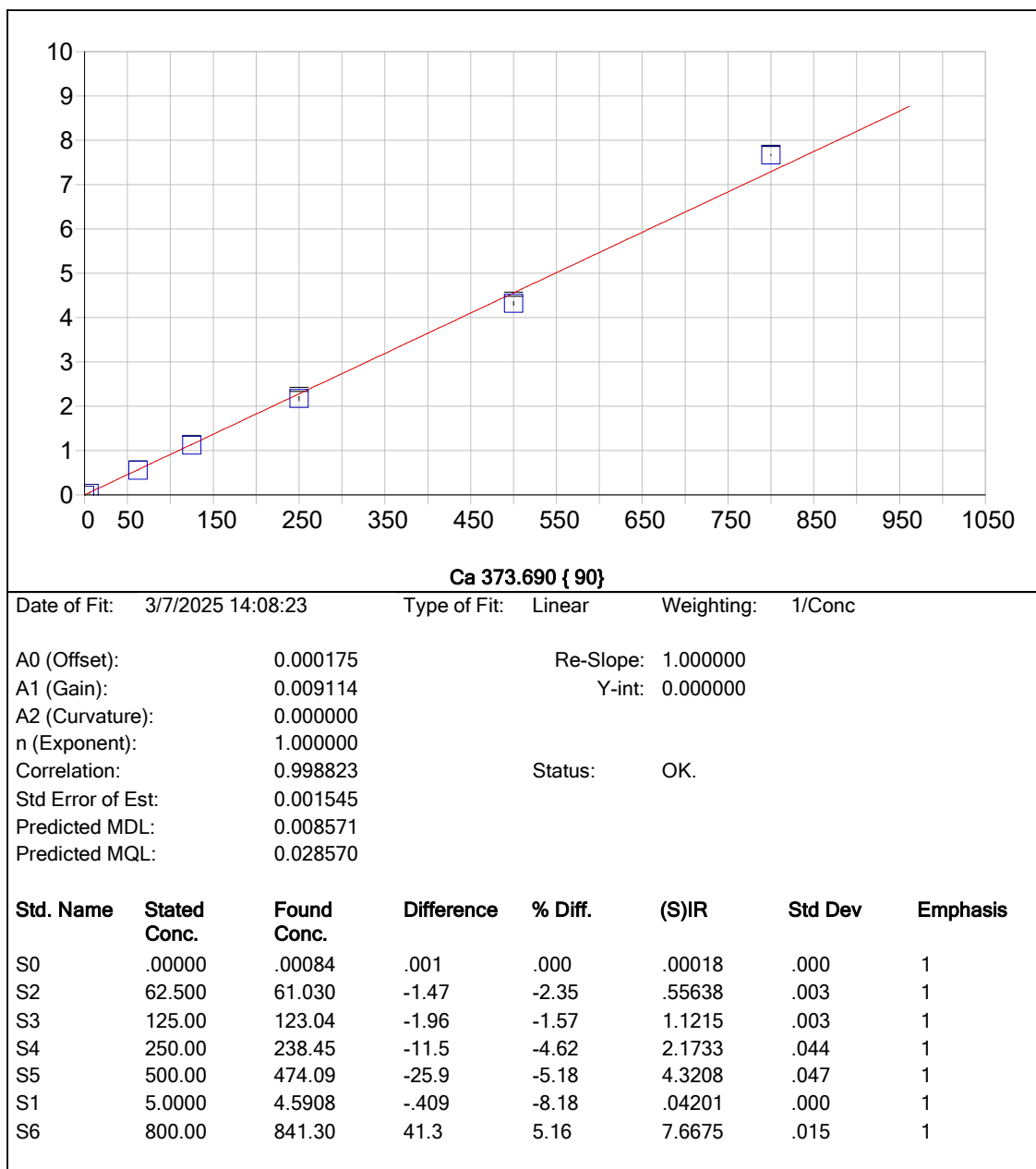


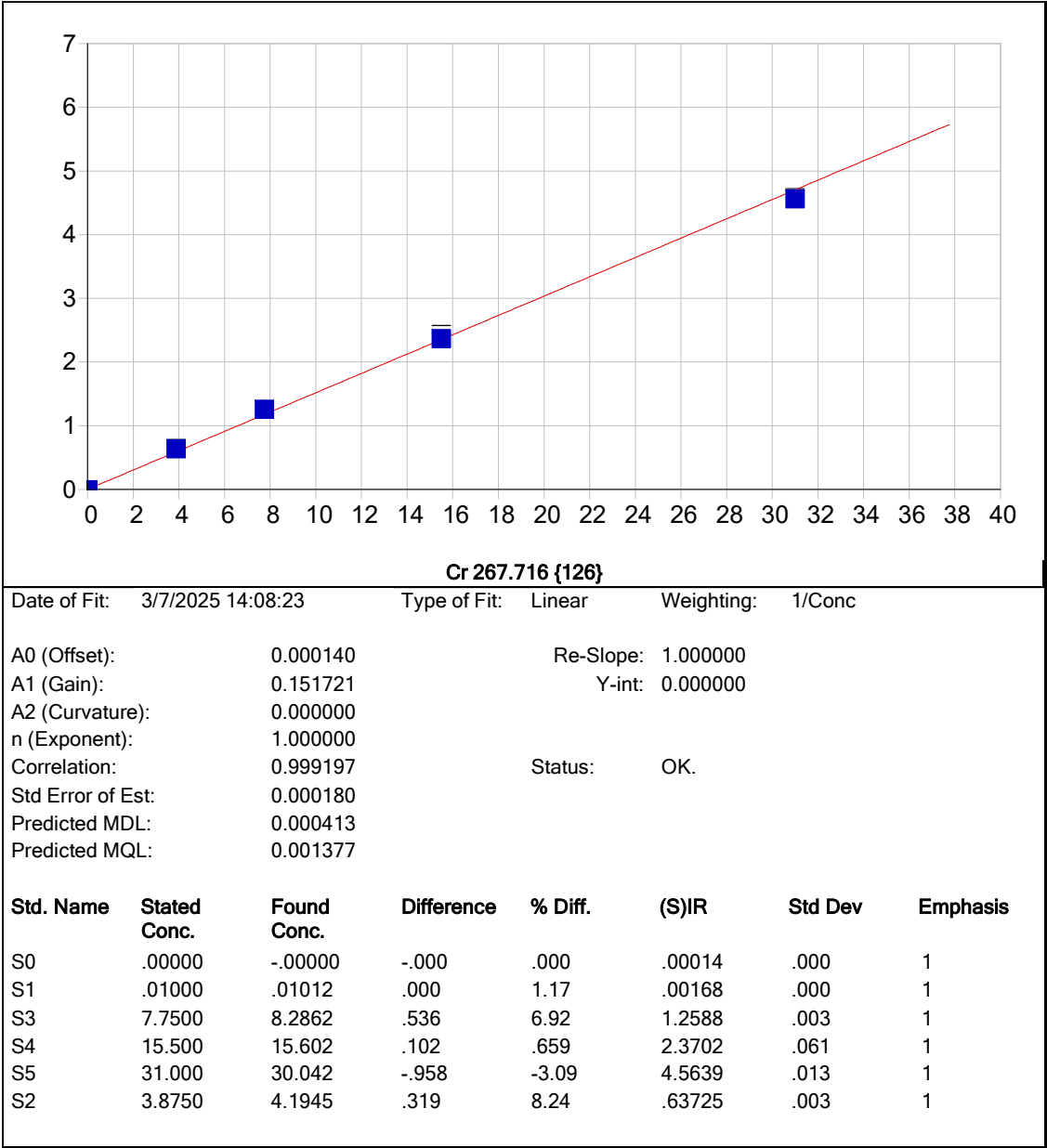


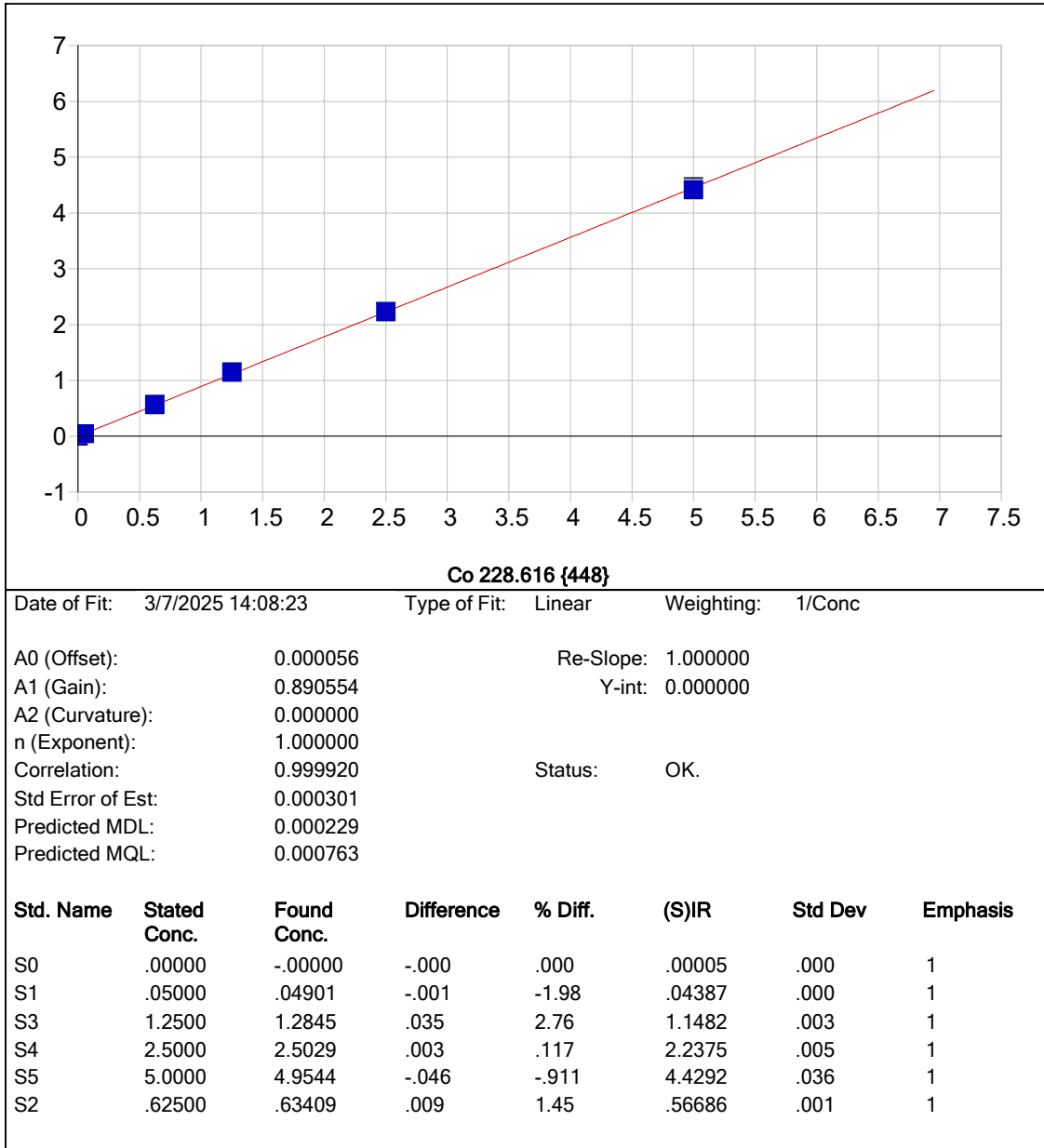


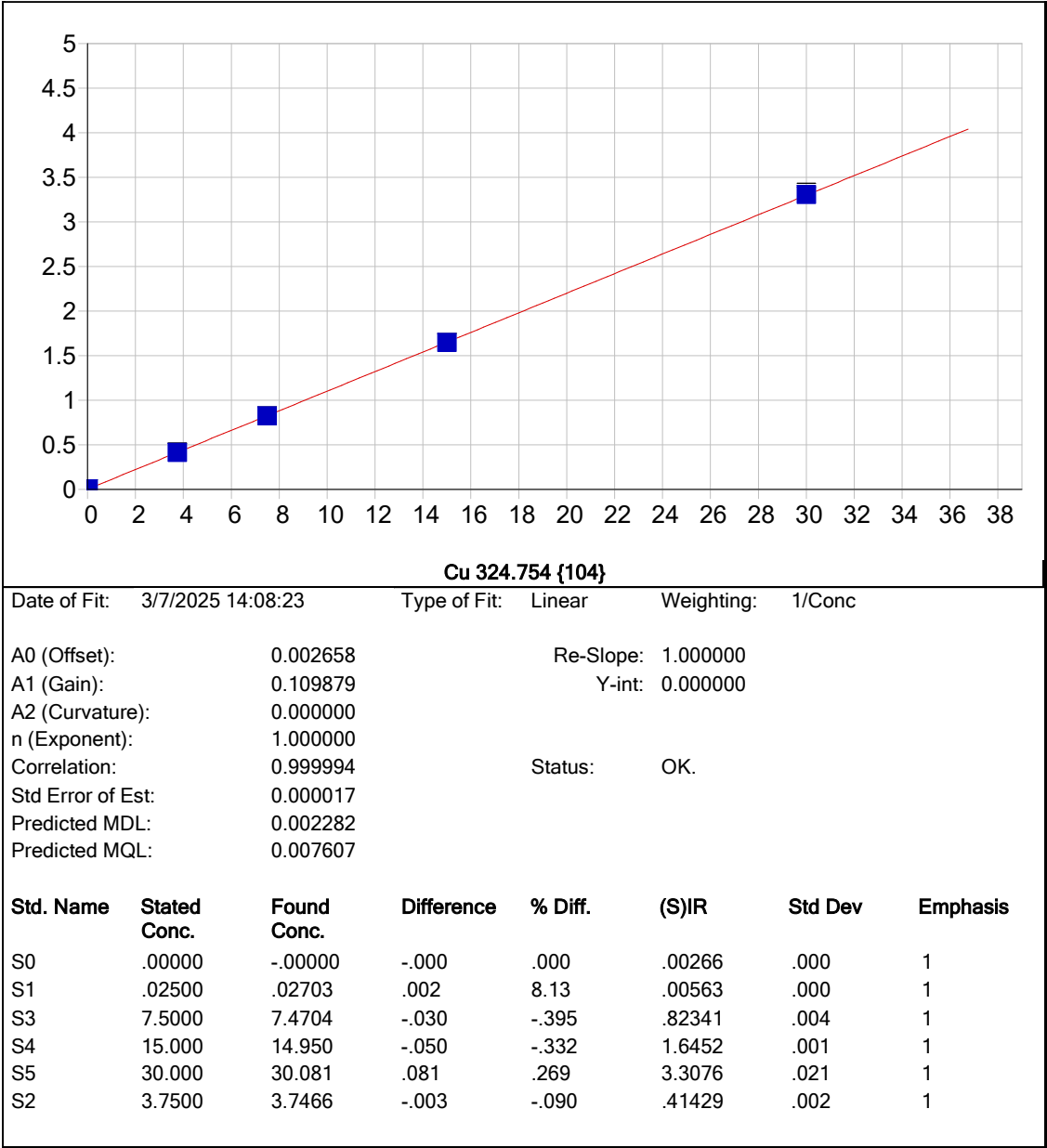


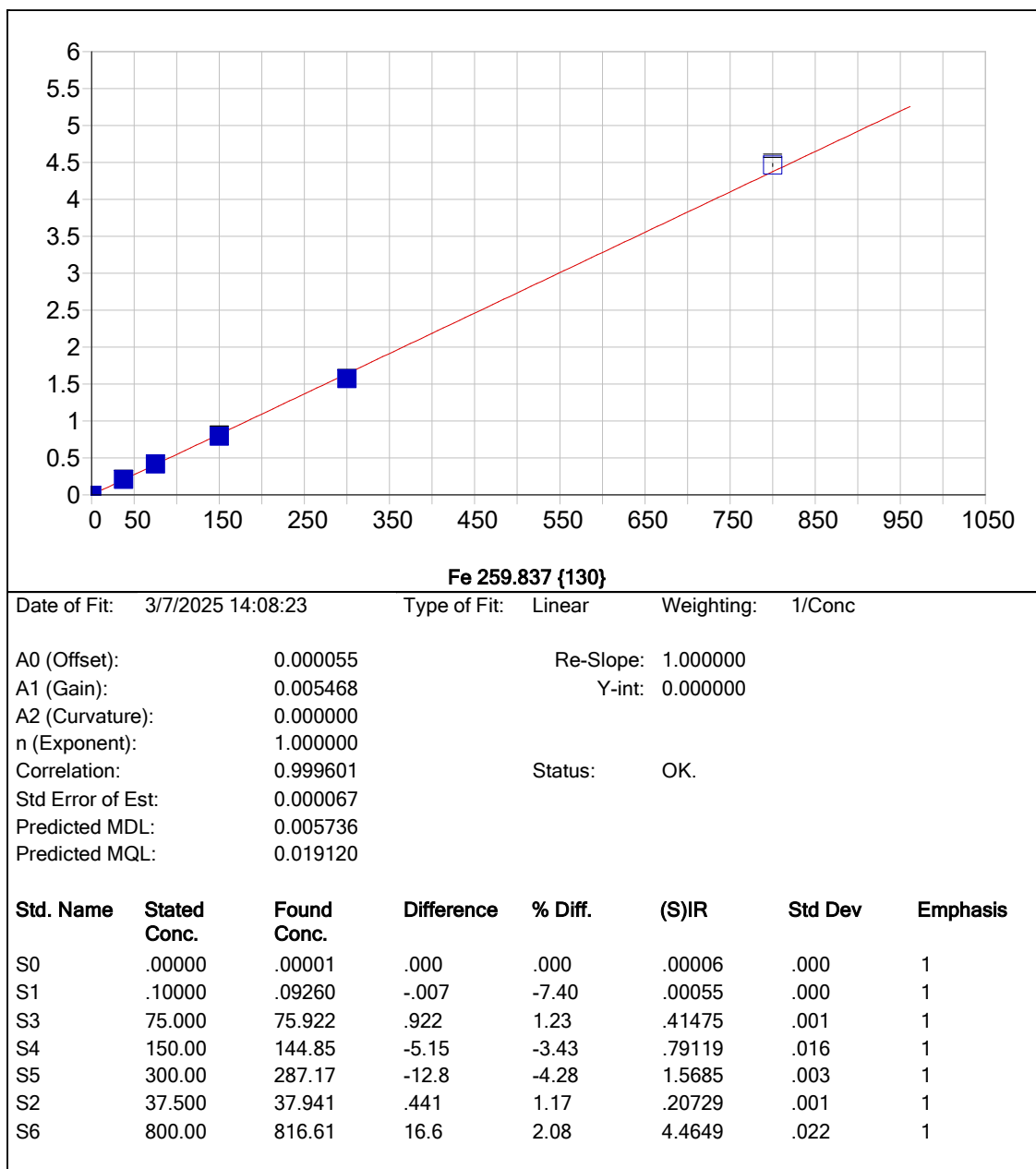


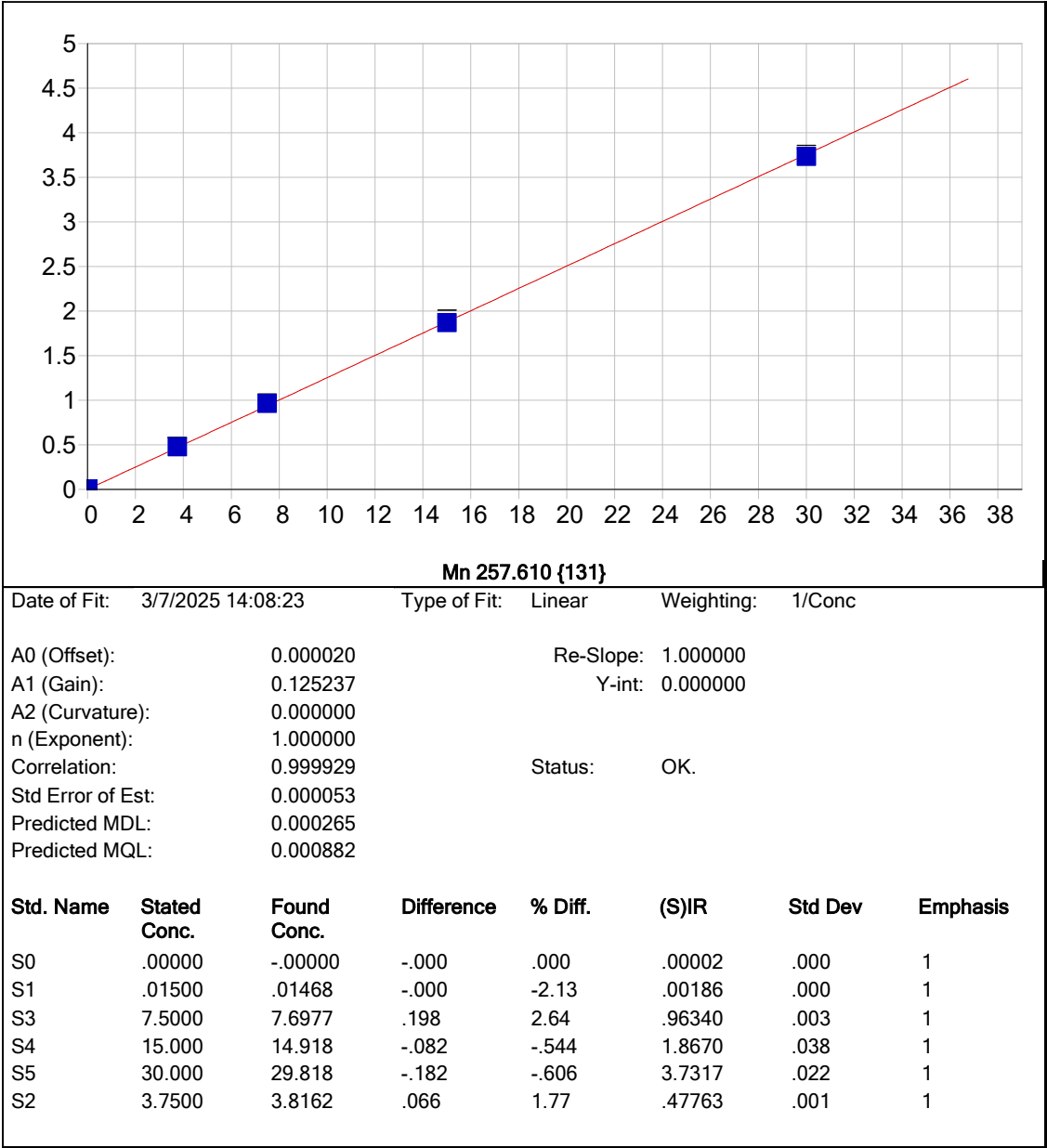


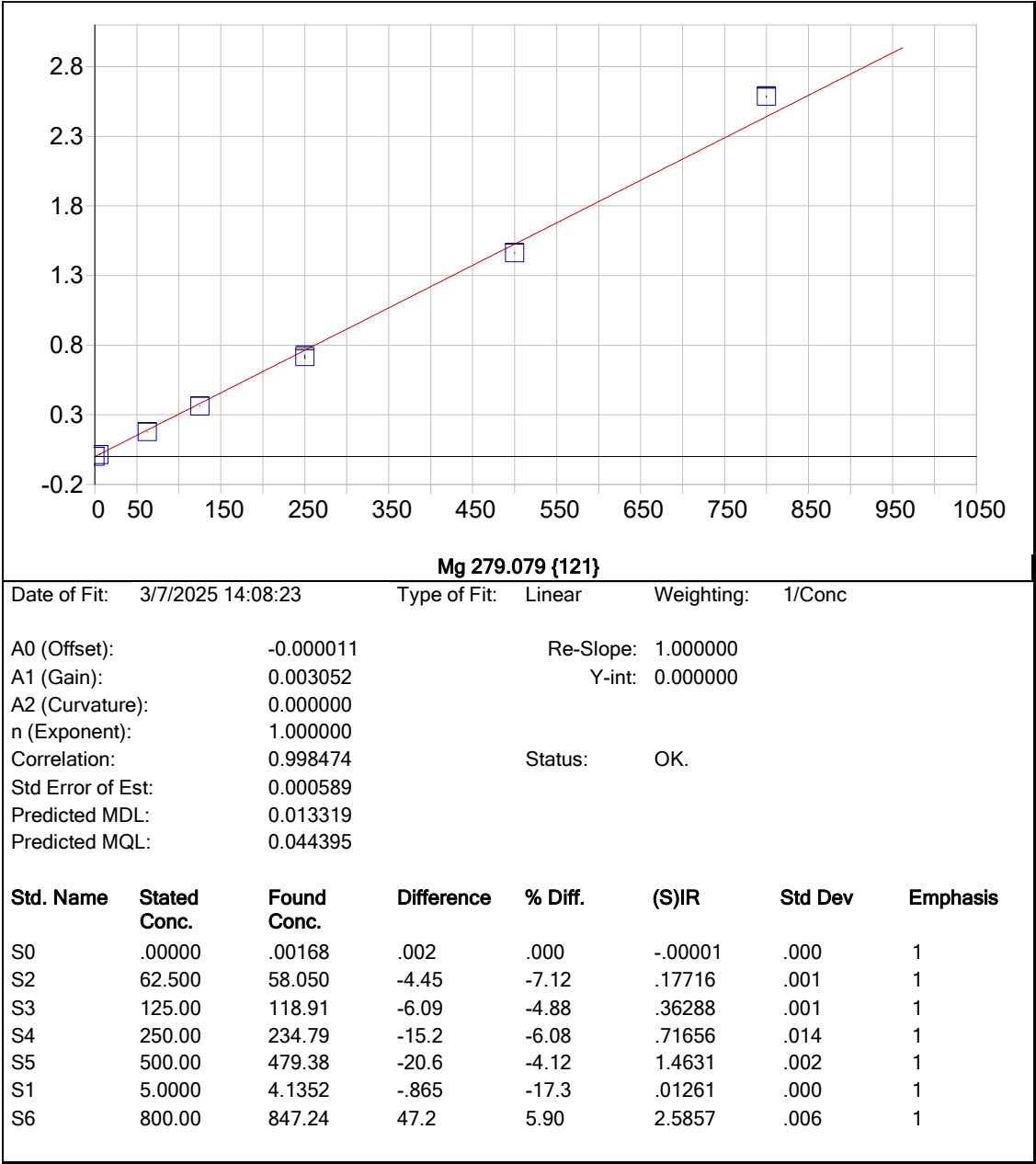




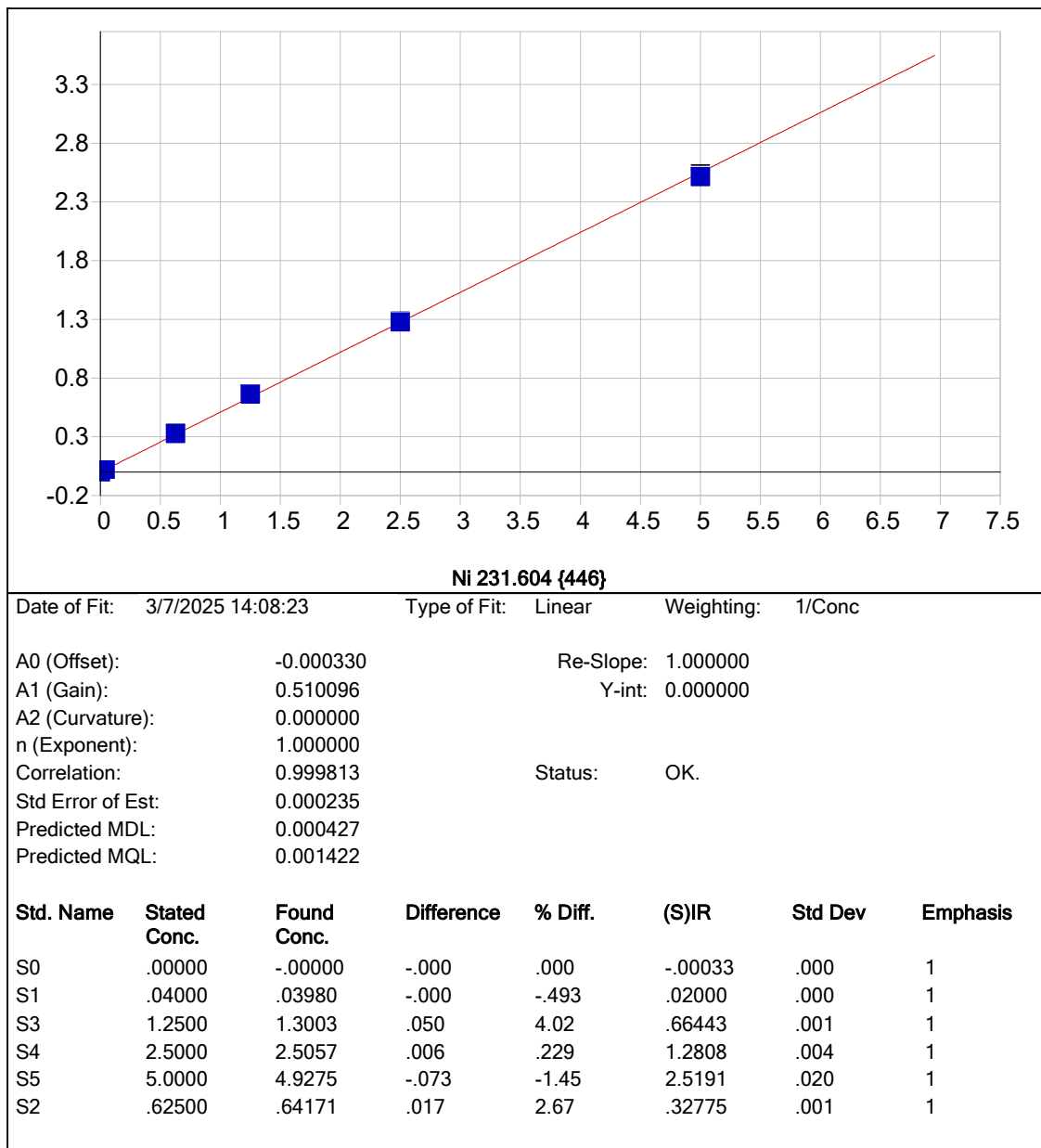


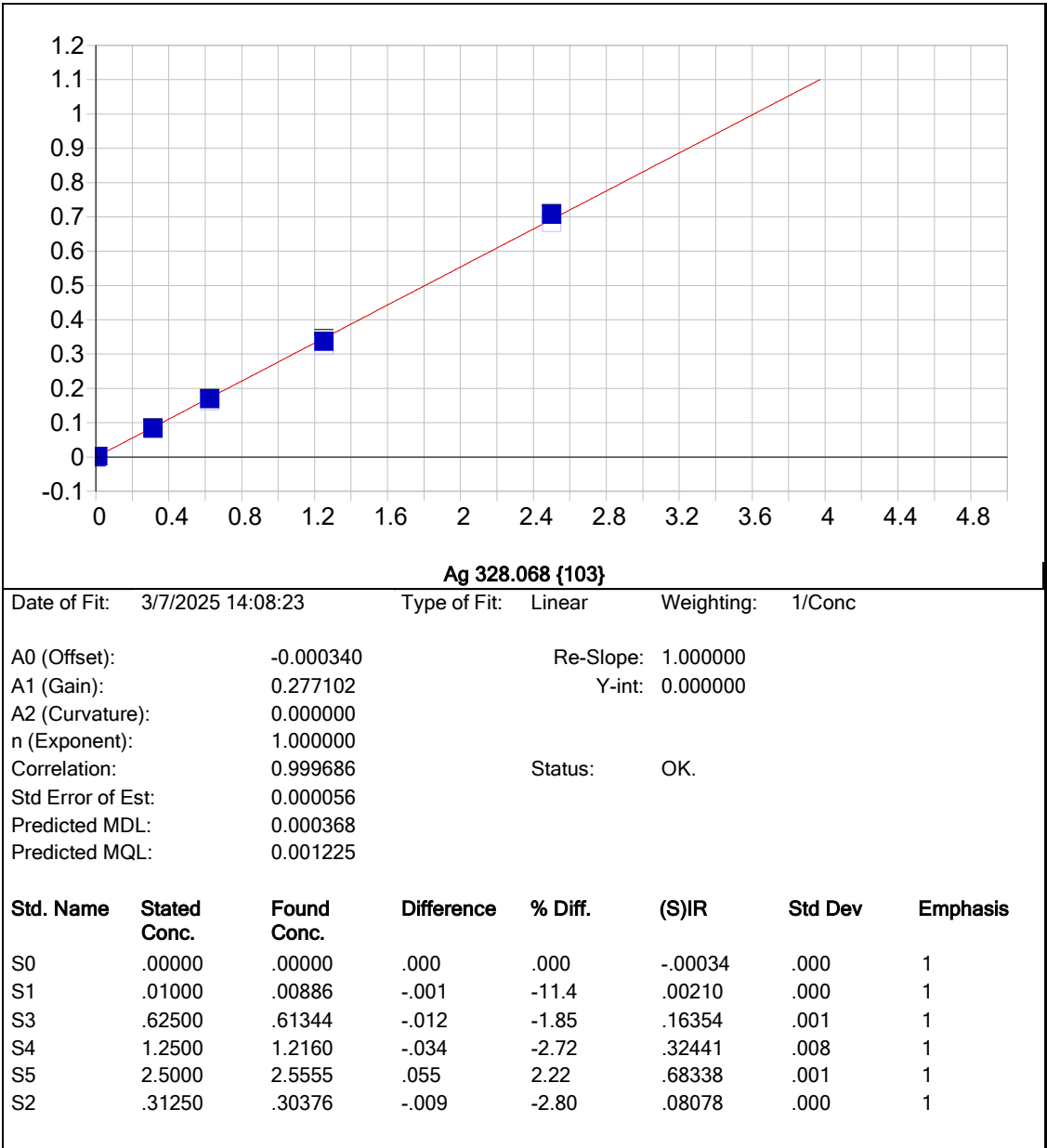


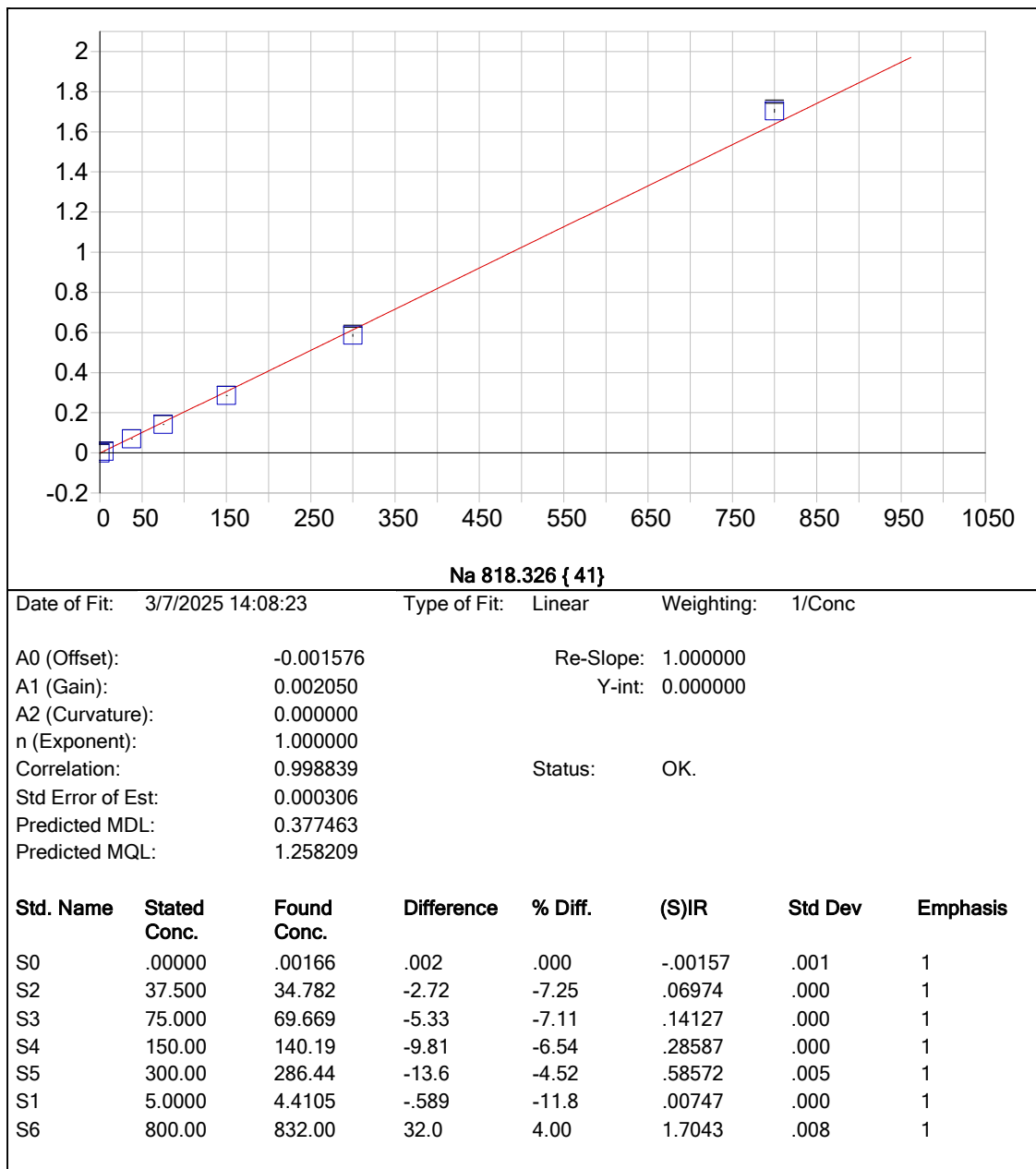


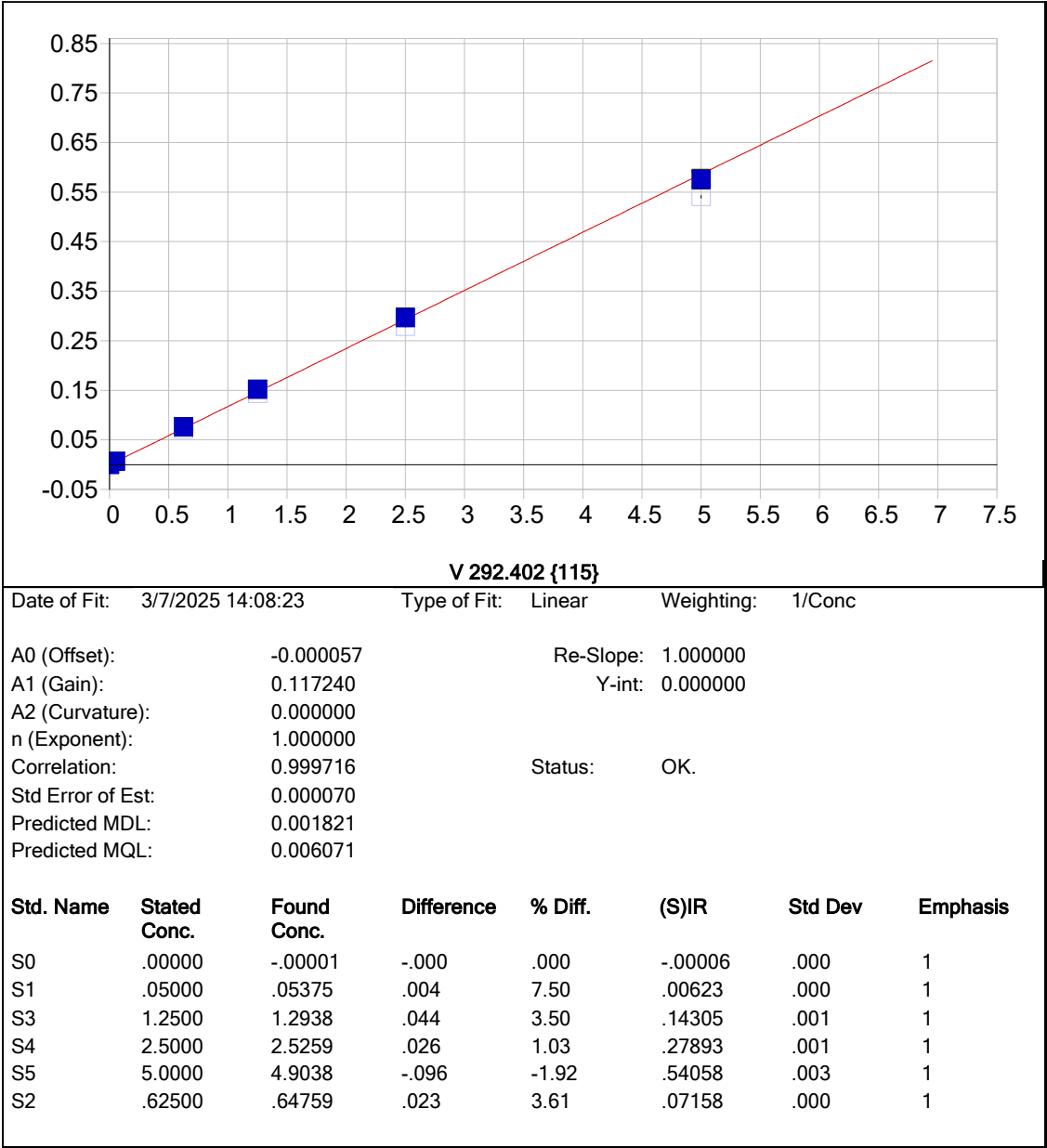


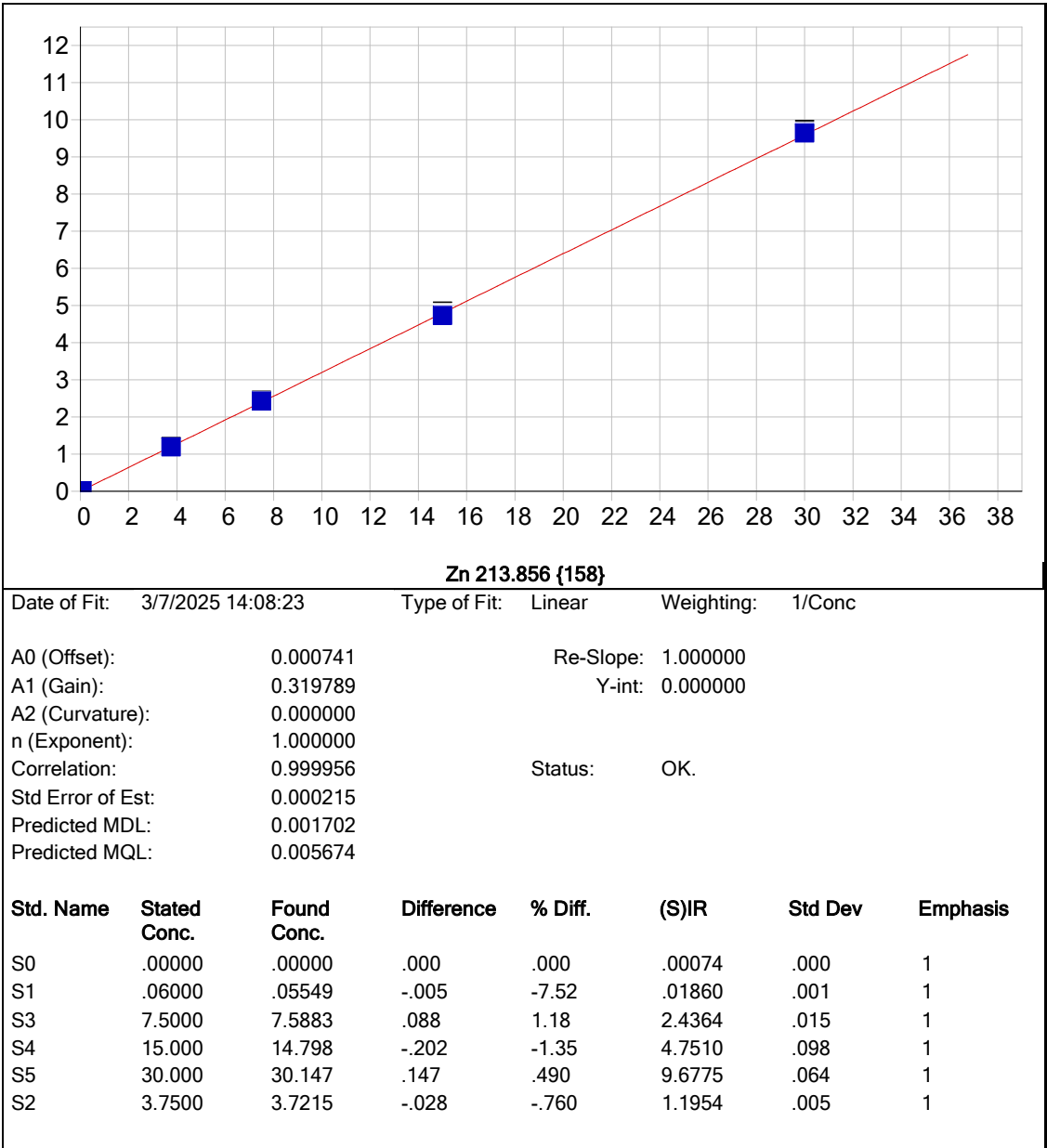


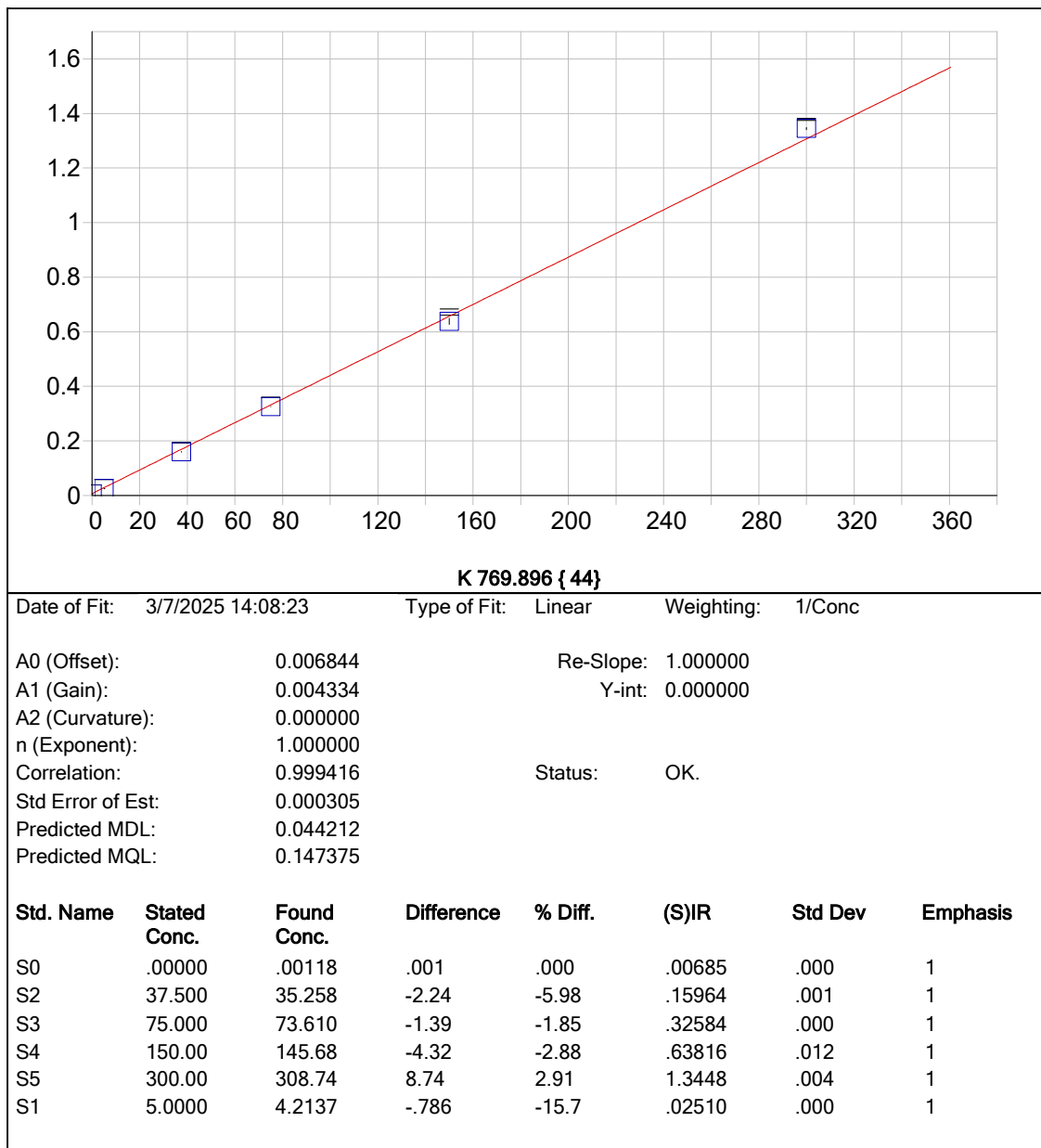


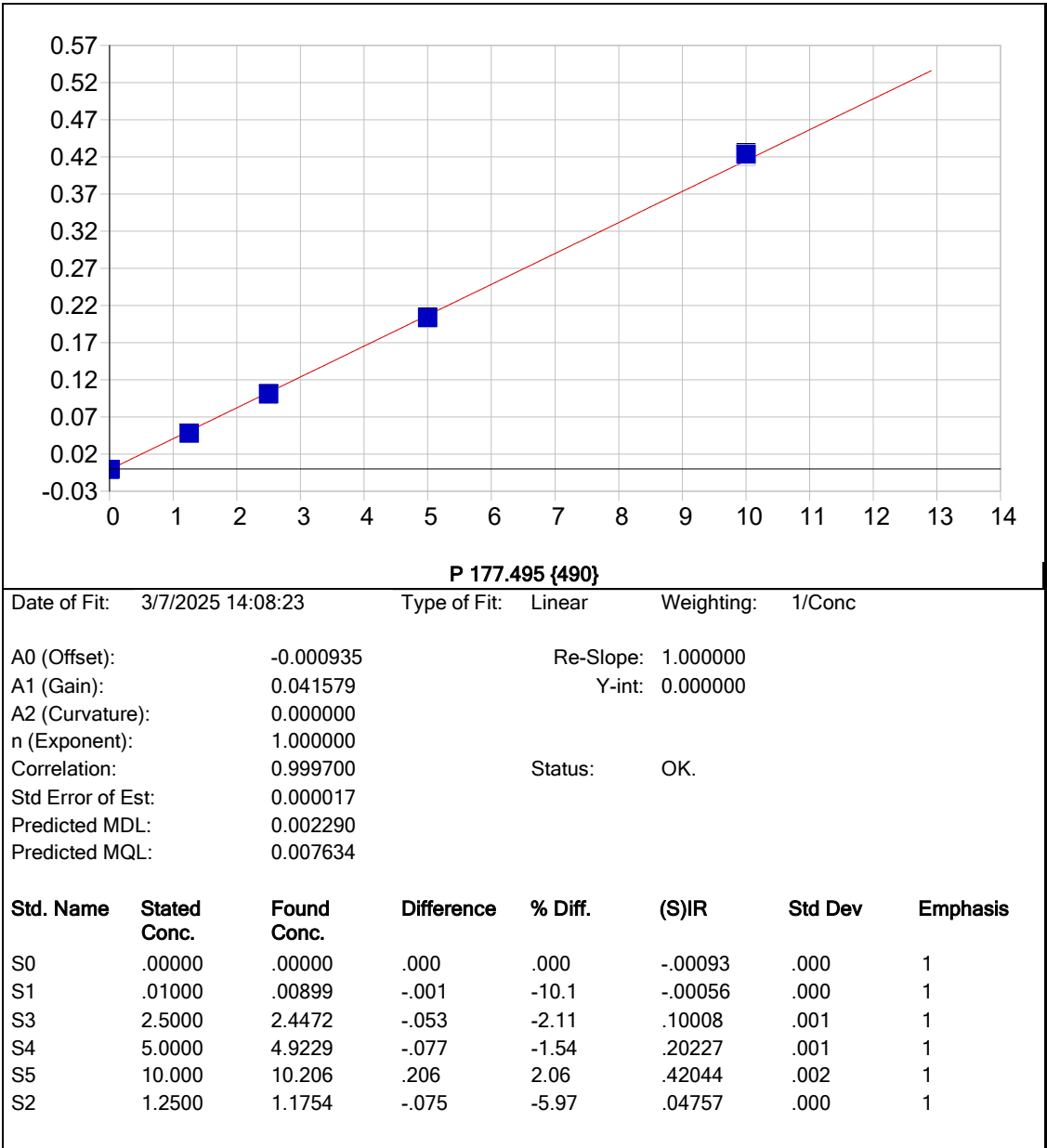




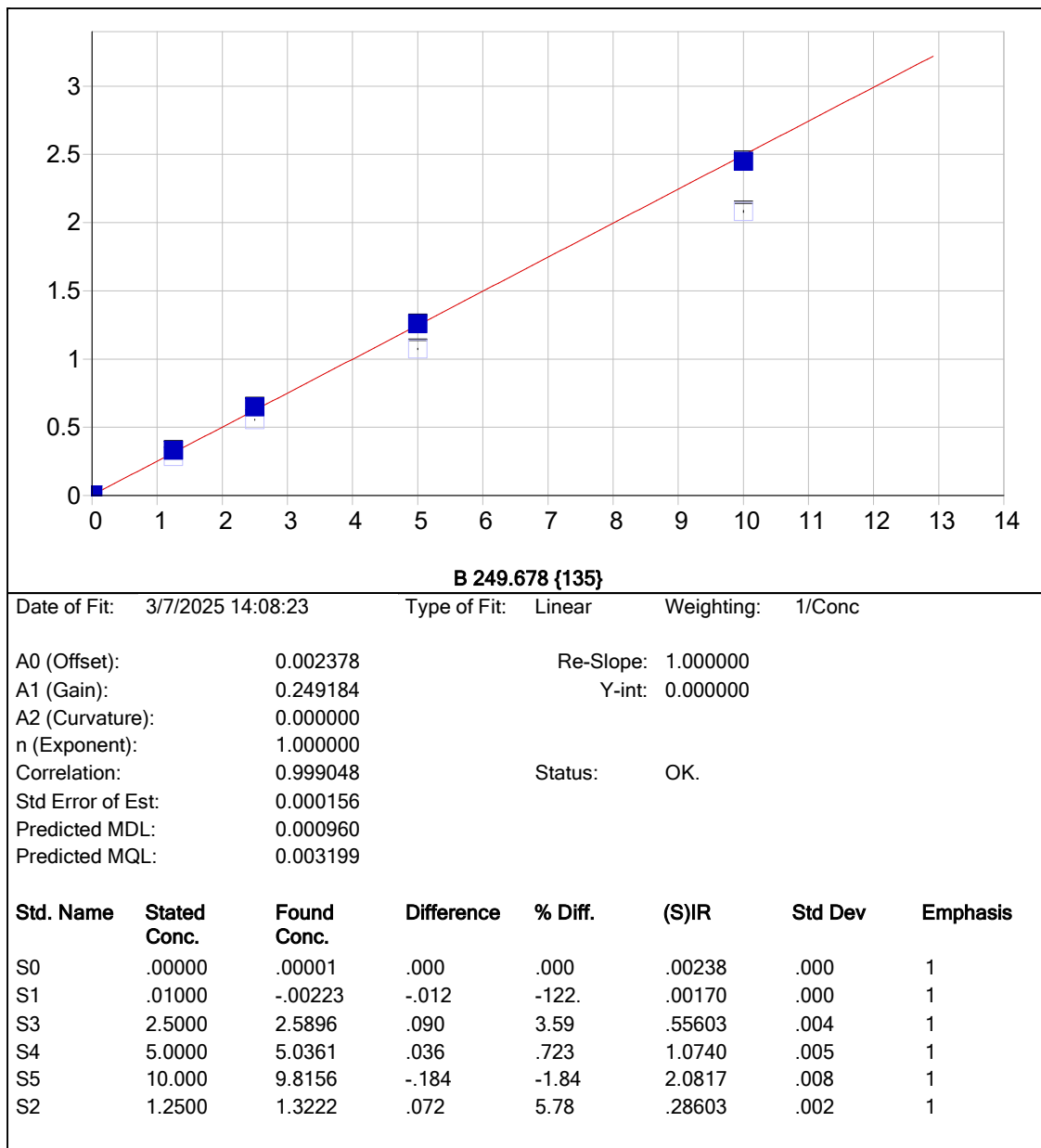




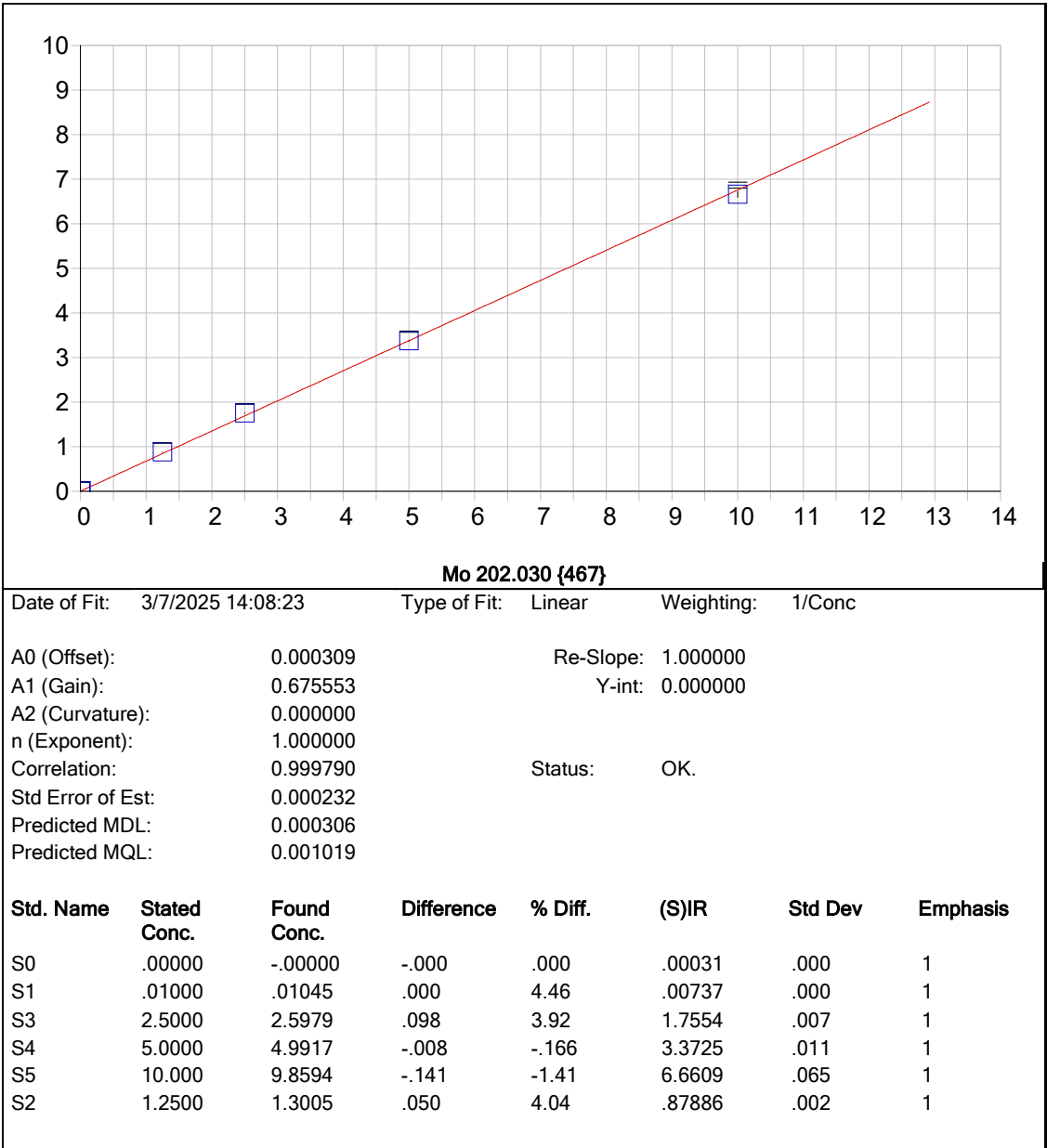


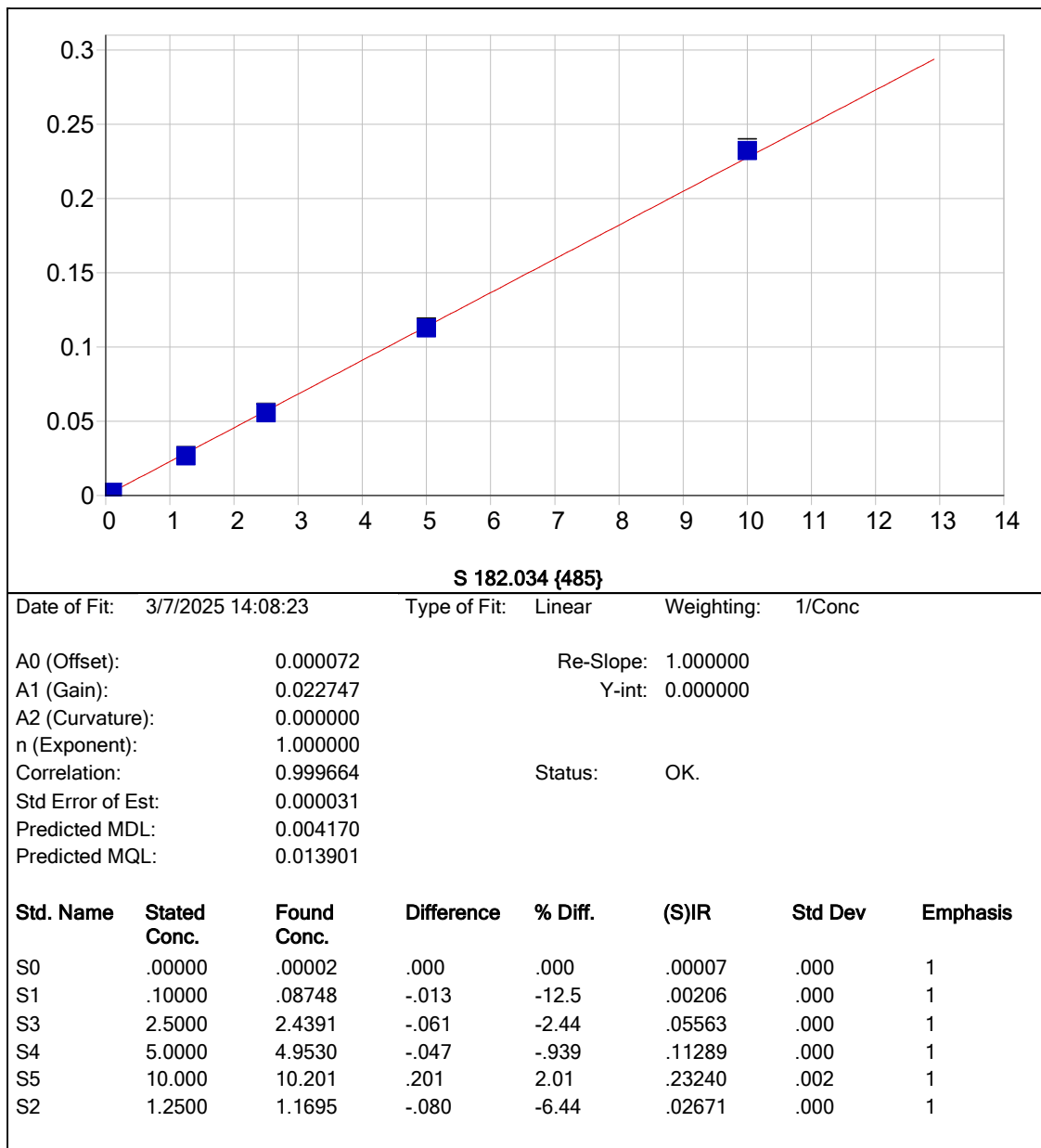


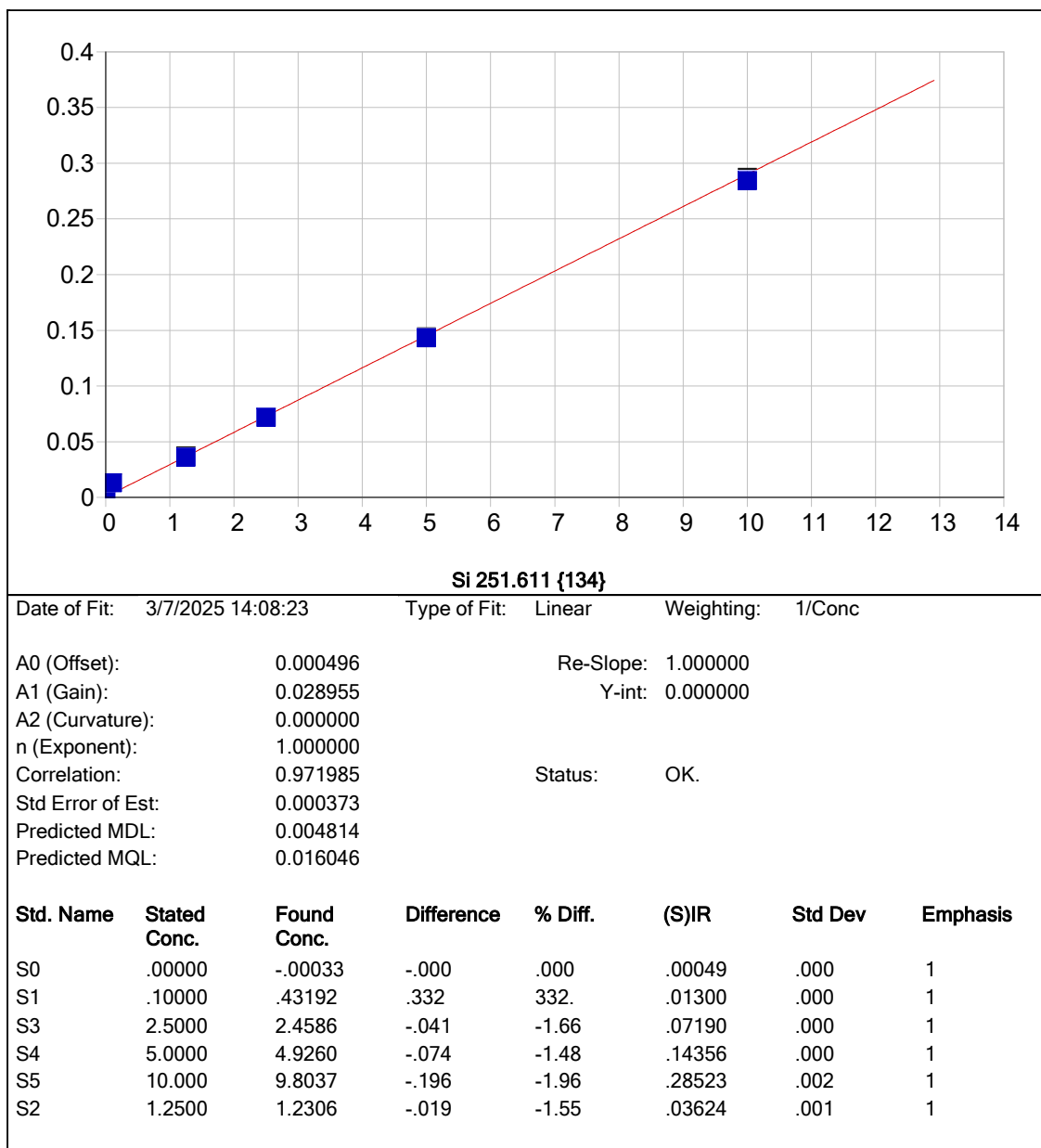
|                                |              |                     |            |                   |         |         |          |
|--------------------------------|--------------|---------------------|------------|-------------------|---------|---------|----------|
| Date of Fit: 3/7/2025 14:08:23 |              | Type of Fit: Linear |            | Weighting: 1/Conc |         |         |          |
| A0 (Offset): -0.000935         |              | Re-Slope: 1.000000  |            |                   |         |         |          |
| A1 (Gain): 0.041579            |              | Y-int: 0.000000     |            |                   |         |         |          |
| A2 (Curvature): 0.000000       |              |                     |            |                   |         |         |          |
| n (Exponent): 1.000000         |              |                     |            |                   |         |         |          |
| Correlation: 0.999700          |              | Status: OK.         |            |                   |         |         |          |
| Std Error of Est: 0.000017     |              |                     |            |                   |         |         |          |
| Predicted MDL: 0.002290        |              |                     |            |                   |         |         |          |
| Predicted MQL: 0.007634        |              |                     |            |                   |         |         |          |
|                                |              |                     |            |                   |         |         |          |
| Std. Name                      | Stated Conc. | Found Conc.         | Difference | % Diff.           | (S)IR   | Std Dev | Emphasis |
| S0                             | .00000       | .00000              | .000       | .000              | -.00093 | .000    | 1        |
| S1                             | .01000       | .00899              | -.001      | -10.1             | -.00056 | .000    | 1        |
| S3                             | 2.5000       | 2.4472              | -.053      | -2.11             | .10008  | .001    | 1        |
| S4                             | 5.0000       | 4.9229              | -.077      | -1.54             | .20227  | .001    | 1        |
| S5                             | 10.000       | 10.206              | .206       | 2.06              | .42044  | .002    | 1        |
| S2                             | 1.2500       | 1.1754              | -.075      | -5.97             | .04757  | .000    | 1        |

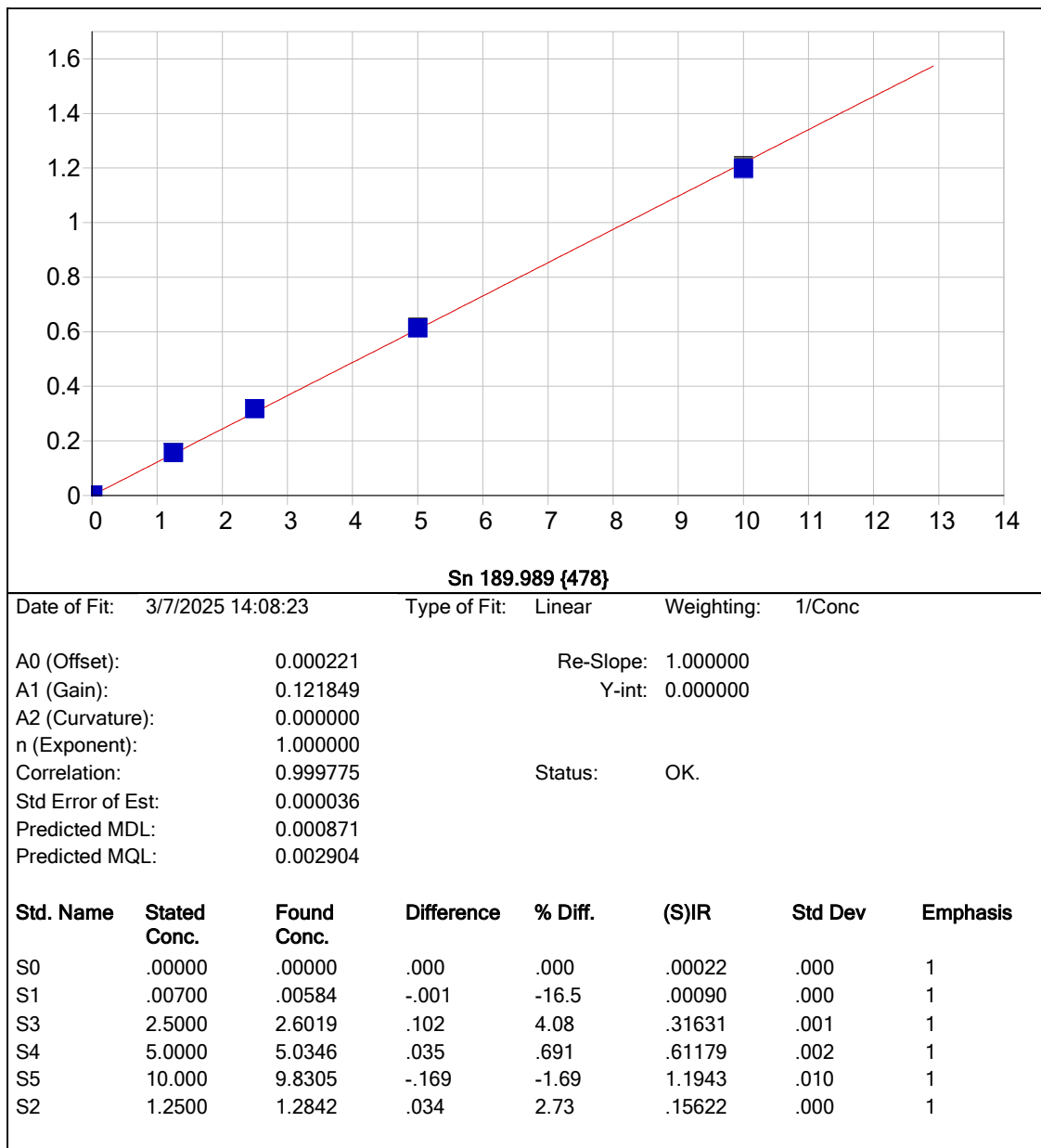


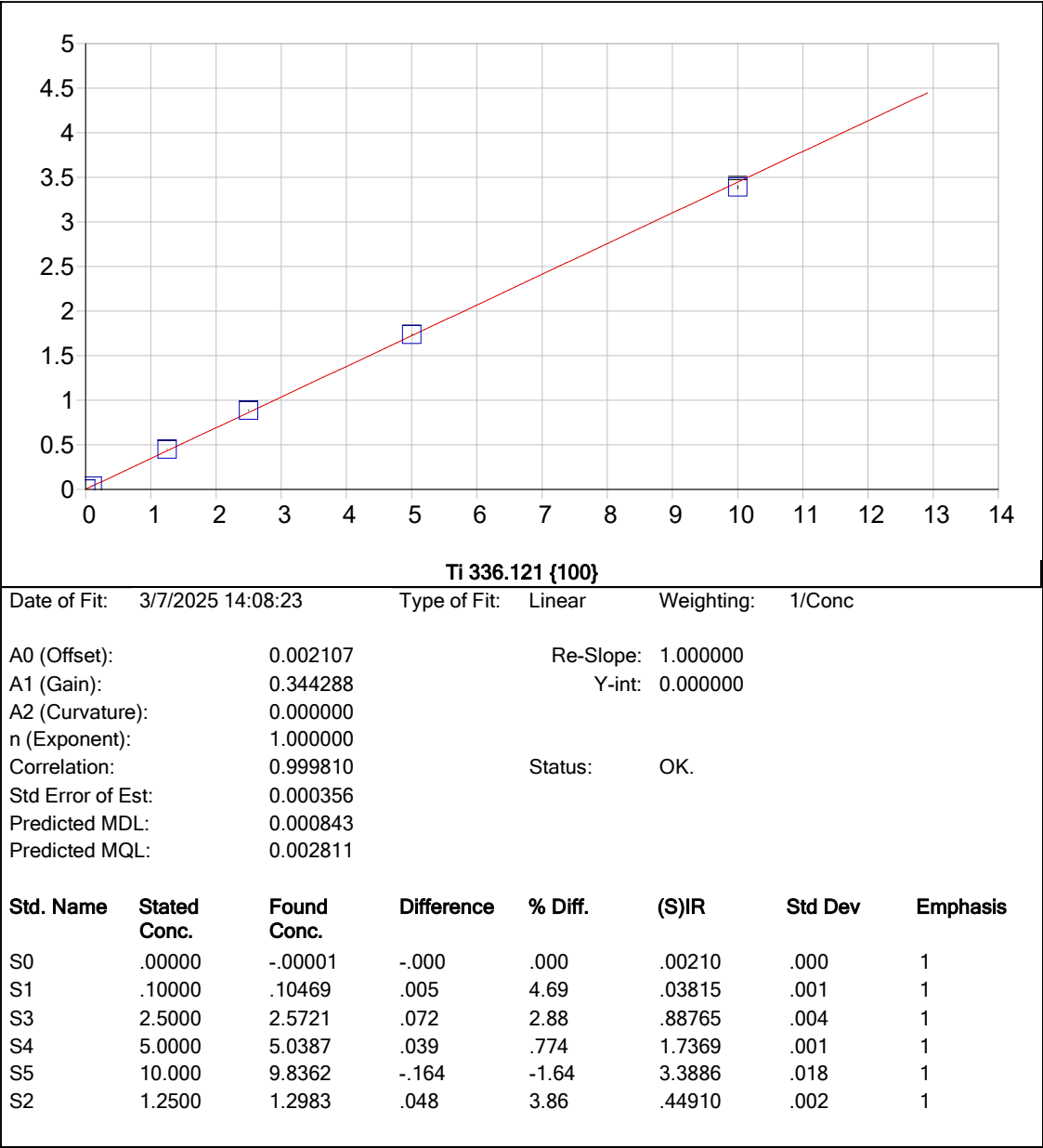


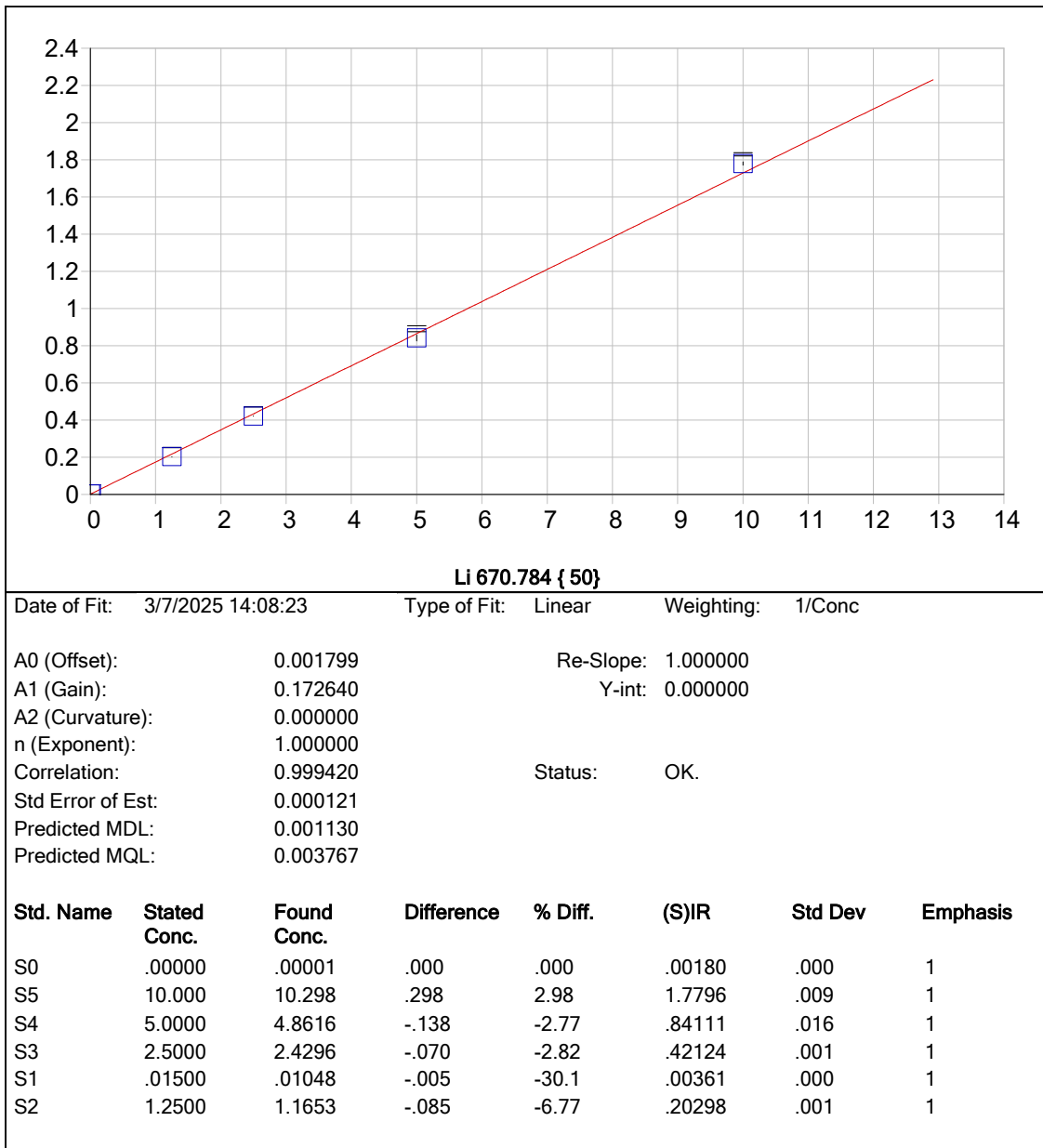


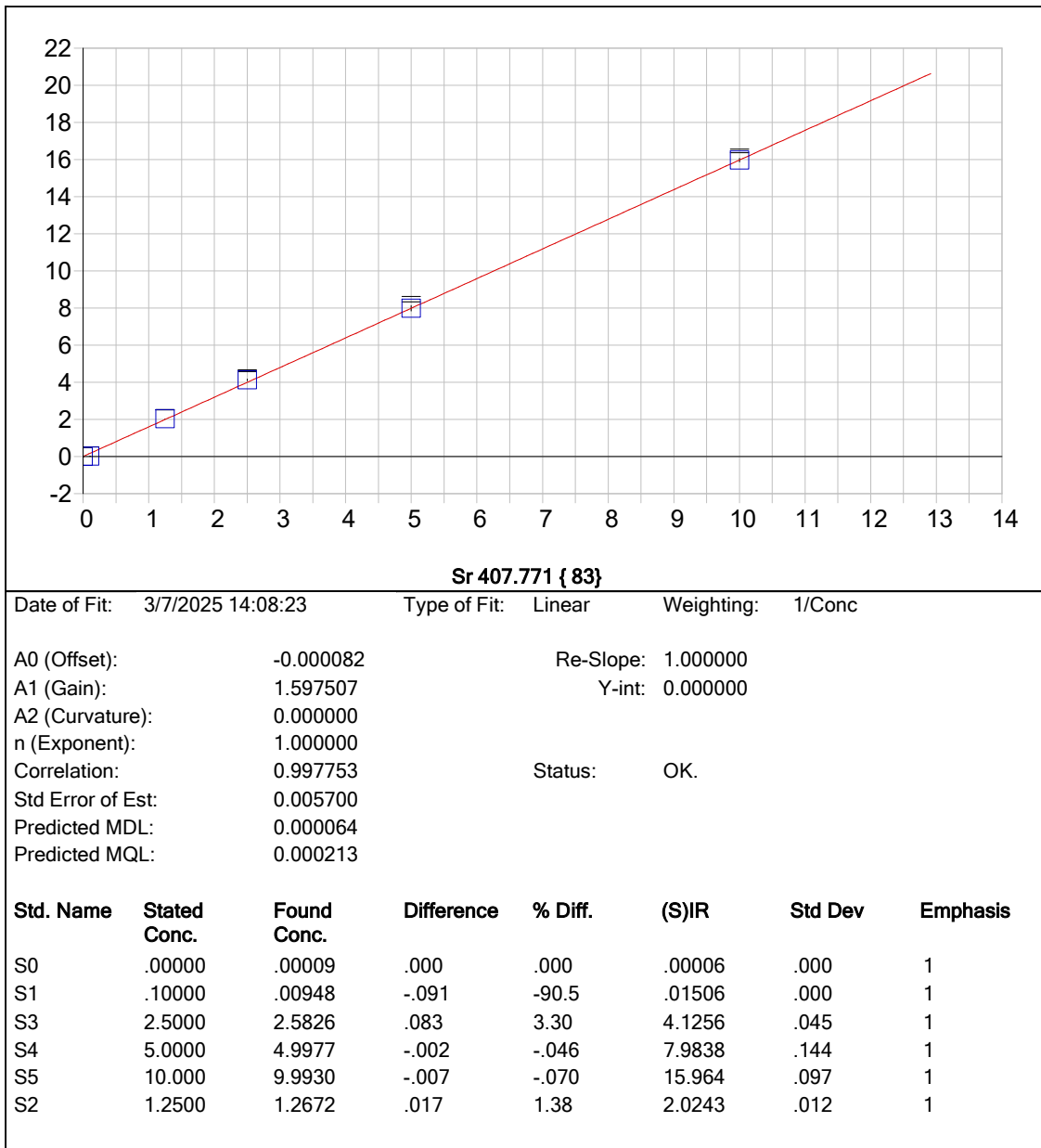


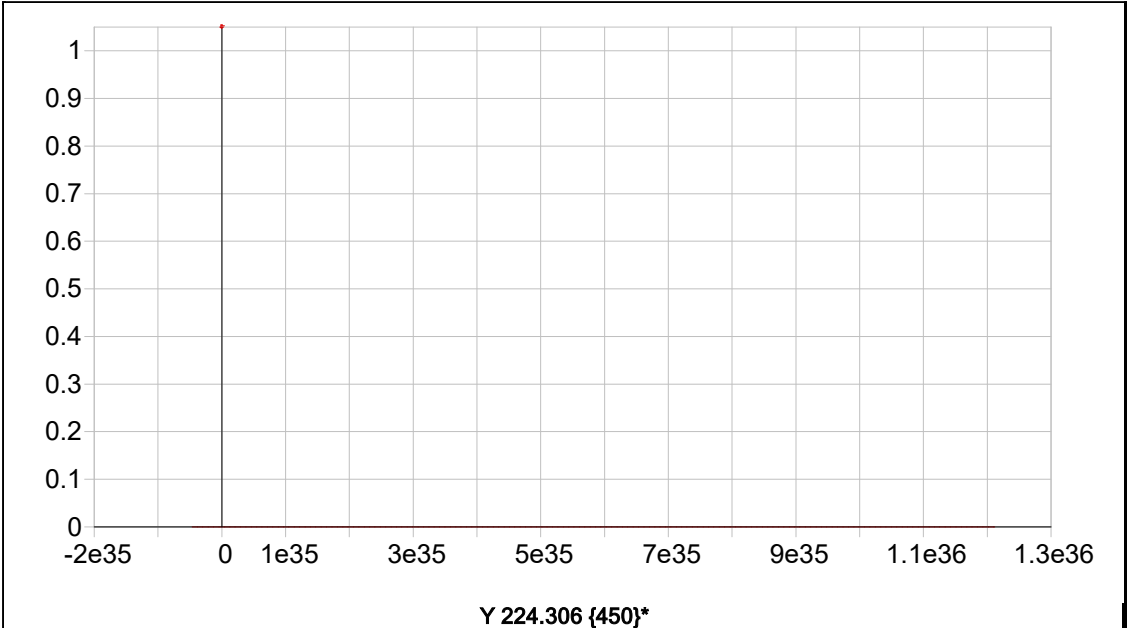






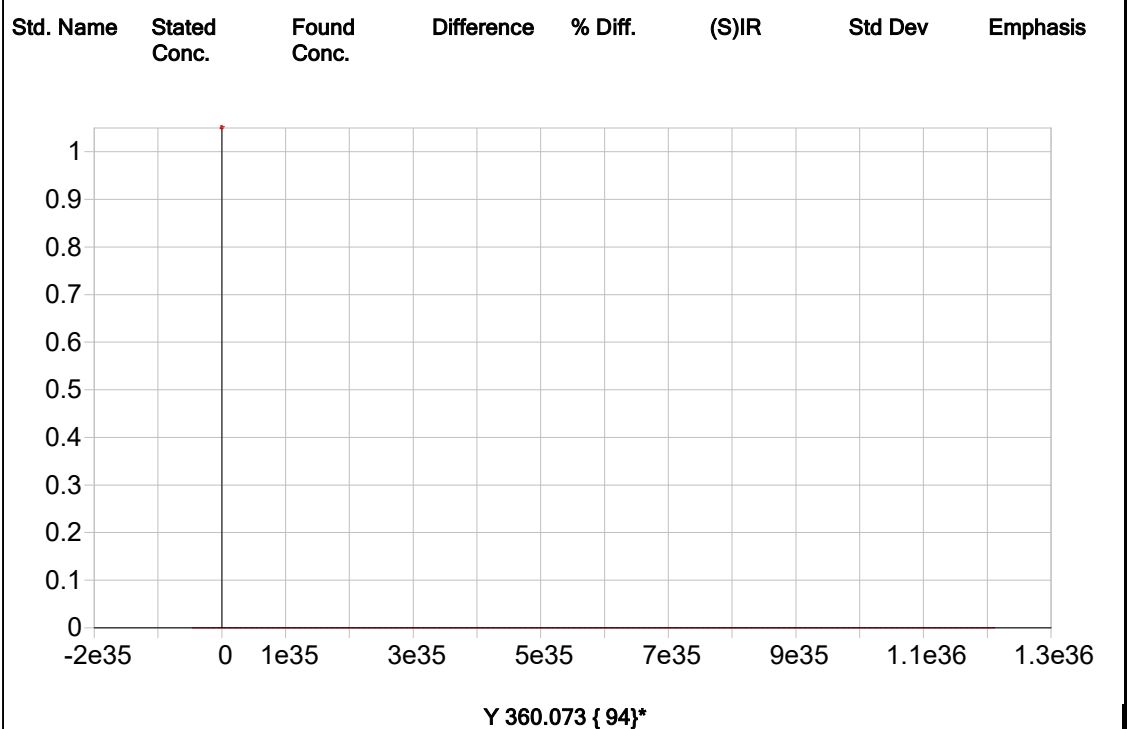






Date of Fit: 3/7/2025 14:08:23      Type of Fit: Linear      Weighting: 1/Conc

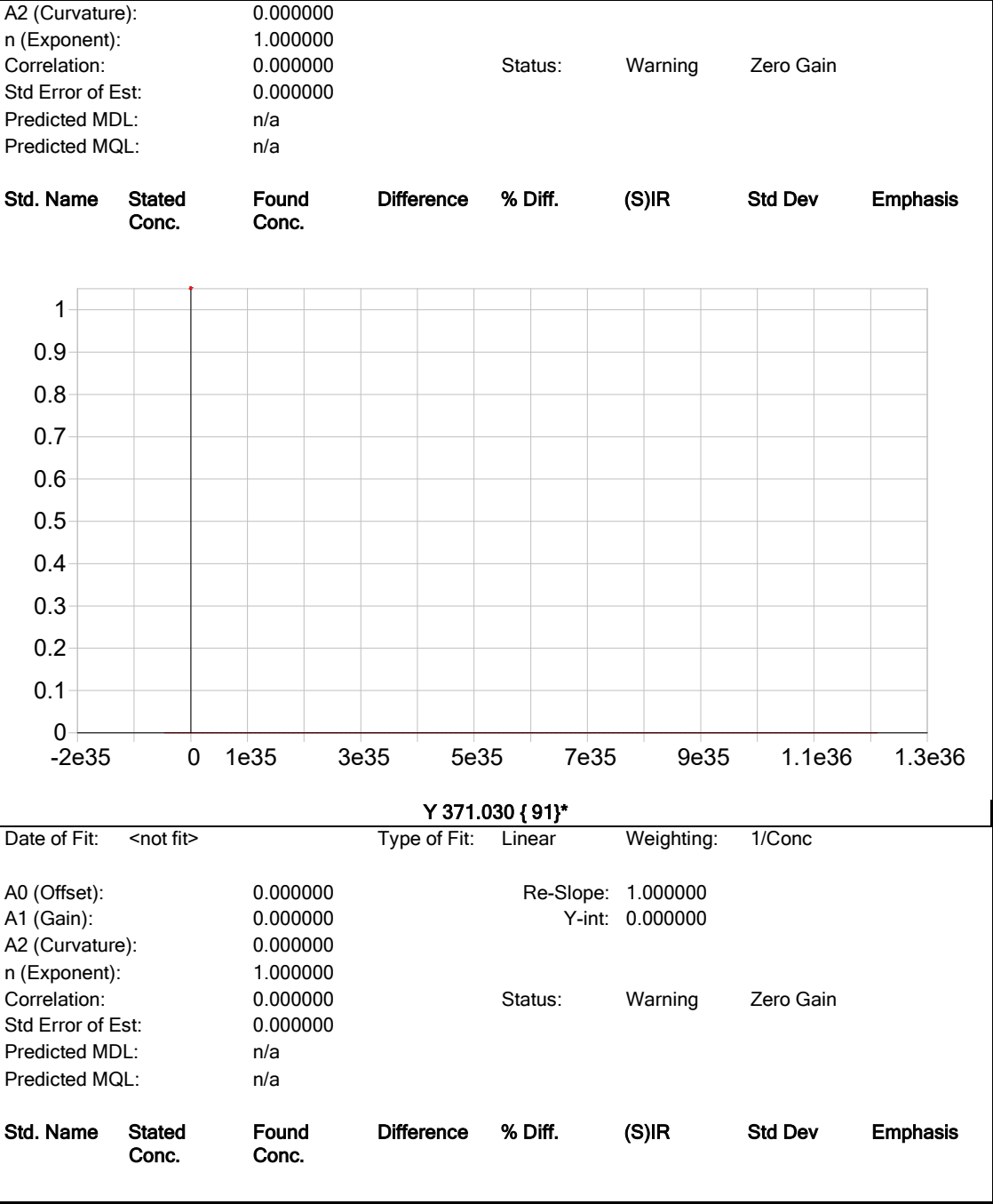
|                   |          |           |                        |
|-------------------|----------|-----------|------------------------|
| A0 (Offset):      | 0.000000 | Re-Slope: | 1.000000               |
| A1 (Gain):        | 0.000000 | Y-int:    | 0.000000               |
| A2 (Curvature):   | 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      |           |                        |

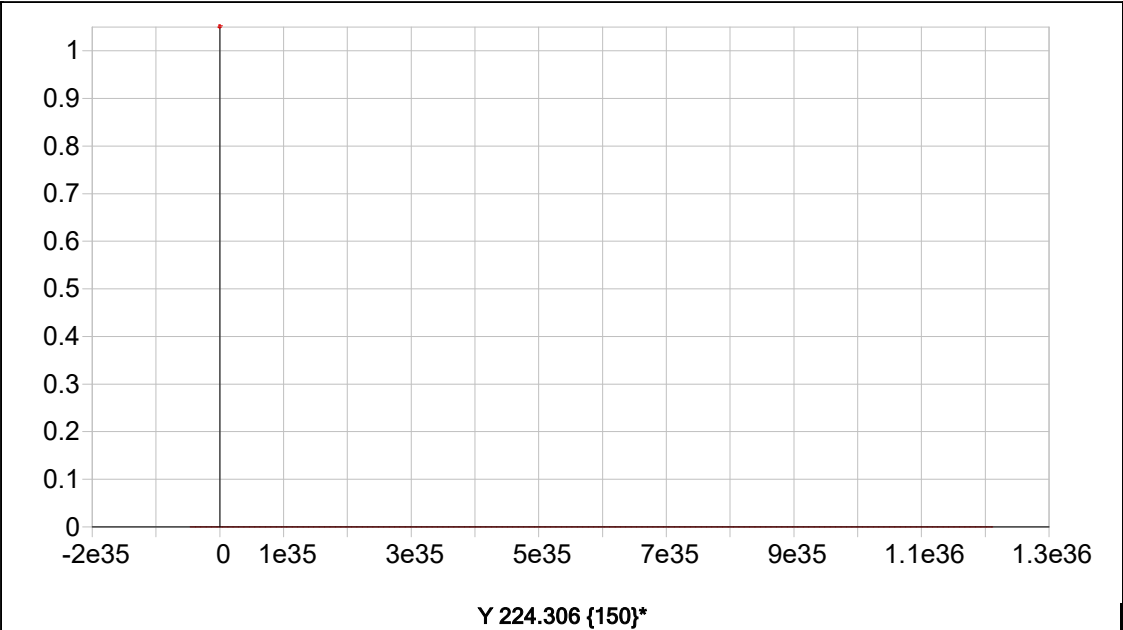


Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc

|              |          |           |          |
|--------------|----------|-----------|----------|
| A0 (Offset): | 0.000000 | Re-Slope: | 1.000000 |
| A1 (Gain):   | 0.000000 | Y-int:    | 0.000000 |







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

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

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

|                   |              |             |            |         |         |           |          |
|-------------------|--------------|-------------|------------|---------|---------|-----------|----------|
| 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: 3/7/2025 12:18:15      Type: Cal  
Method: EPA SFAM01.0(v69)      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>-.00015</b> | <b>.00006</b> | <b>-.00028</b> | <b>.00017</b> | <b>.00034</b> | <b>.00006</b> | <b>.00624</b> | <b>.00005</b> |
| Stddev | .00007         | .00007        | .00024         | .00007        | .00008        | .00003        | .00021        | .00014        |
| %RSD   | 43.609         | 105.62        | 87.732         | 41.845        | 25.156        | 59.461        | 3.3707        | 259.83        |

|    |                |                |                |               |               |               |               |                |
|----|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|
| #1 | <b>-.00018</b> | <b>-.00001</b> | <b>-.00018</b> | <b>.00016</b> | <b>.00028</b> | <b>.00002</b> | <b>.00613</b> | <b>-.00007</b> |
| #2 | <b>-.00020</b> | <b>.00008</b>  | <b>-.00055</b> | <b>.00011</b> | <b>.00029</b> | <b>.00009</b> | <b>.00610</b> | <b>.00020</b>  |
| #3 | <b>-.00008</b> | <b>.00012</b>  | <b>-.00010</b> | <b>.00025</b> | <b>.00043</b> | <b>.00006</b> | <b>.00648</b> | <b>.00003</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>.00001</b> | <b>.00018</b> | <b>.00014</b> | <b>.00005</b> | <b>.00266</b> | <b>.00006</b> | <b>.00002</b> | <b>-.00001</b> |
| Stddev | .00010        | .00006        | .00002        | .00025        | .00013        | .00001        | .00000        | .00002         |
| %RSD   | 1581.2        | 35.393        | 12.013        | 447.39        | 5.0242        | 16.758        | 13.706        | 391.20         |

|    |                |               |               |                |               |               |               |                |
|----|----------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|
| #1 | <b>.00010</b>  | <b>.00019</b> | <b>.00014</b> | <b>-.00012</b> | <b>.00271</b> | <b>.00004</b> | <b>.00002</b> | <b>.00002</b>  |
| #2 | <b>-.00010</b> | <b>.00012</b> | <b>.00016</b> | <b>.00034</b>  | <b>.00251</b> | <b>.00006</b> | <b>.00002</b> | <b>-.00002</b> |
| #3 | <b>.00002</b>  | <b>.00024</b> | <b>.00012</b> | <b>-.00005</b> | <b>.00276</b> | <b>.00006</b> | <b>.00002</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>-.00033</b> | <b>-.00034</b> | <b>-.00157</b> | <b>-.00006</b> | <b>.00074</b> | <b>.00685</b> | <b>-.00093</b> | <b>.00238</b> |
| Stddev | .00011         | .00013         | .00065         | .00007         | .00012        | .00016        | .00003         | .00020        |
| %RSD   | 32.941         | 38.103         | 41.555         | 114.12         | 16.562        | 2.2822        | 3.4511         | 8.5143        |

|    |                |                |                |                |               |               |                |               |
|----|----------------|----------------|----------------|----------------|---------------|---------------|----------------|---------------|
| #1 | <b>-.00022</b> | <b>-.00030</b> | <b>-.00110</b> | <b>-.00005</b> | <b>.00086</b> | <b>.00667</b> | <b>-.00097</b> | <b>.00215</b> |
| #2 | <b>-.00044</b> | <b>-.00048</b> | <b>-.00232</b> | <b>.00000</b>  | <b>.00061</b> | <b>.00693</b> | <b>-.00092</b> | <b>.00254</b> |
| #3 | <b>-.00034</b> | <b>-.00023</b> | <b>-.00130</b> | <b>-.00013</b> | <b>.00075</b> | <b>.00695</b> | <b>-.00091</b> | <b>.00246</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>.00031</b> | <b>.00007</b> | <b>.00049</b> | <b>.00022</b> | <b>.00210</b> | <b>.00180</b> | <b>.00006</b> |  |
| Stddev | .00018        | .00006        | .00009        | .00009        | .00012        | .00004        | .00009        |  |
| %RSD   | 56.817        | 84.181        | 17.830        | 42.820        | 5.8200        | 2.0379        | 159.00        |  |

|    |               |               |               |               |               |               |                |  |
|----|---------------|---------------|---------------|---------------|---------------|---------------|----------------|--|
| #1 | <b>.00022</b> | <b>.00008</b> | <b>.00053</b> | <b>.00014</b> | <b>.00201</b> | <b>.00183</b> | <b>-.00002</b> |  |
| #2 | <b>.00019</b> | <b>.00013</b> | <b>.00054</b> | <b>.00032</b> | <b>.00224</b> | <b>.00181</b> | <b>.00015</b>  |  |
| #3 | <b>.00051</b> | <b>.00001</b> | <b>.00039</b> | <b>.00020</b> | <b>.00205</b> | <b>.00176</b> | <b>.00004</b>  |  |

Sample Name: S0      Acquired: 3/7/2025 12:18:15      Type: Cal  
Method: EPA SFAM01.0(v69)      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       | 3310.8 | 75908. | 15441. | 2219.5 | 4877.7 |
| Stddev    | 11.8   | 68.    | 21.    | 16.7   | 15.7   |
| %RSD      | .35527 | .08997 | .13487 | .75026 | .32233 |
| #1        | 3309.0 | 75957. | 15454. | 2214.2 | 4868.3 |
| #2        | 3323.4 | 75938. | 15451. | 2206.1 | 4895.8 |
| #3        | 3300.0 | 75830. | 15417. | 2238.1 | 4868.9 |

Sample Name: S1      Acquired: 3/7/2025 12:22:29      Type: Cal  
Method: EPA SFAM01.0(v69)      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    | .00042 | .00106 | .00168 | .00198 | .00759 | .00249 | .09123  | .01378 |
| Stddev | .00007 | .00006 | .00005 | .00004 | .00024 | .00004 | .00106  | .00012 |
| %RSD   | 15.539 | 5.6926 | 2.8778 | 2.2273 | 3.1654 | 1.7864 | 1.1584  | .87711 |
| #1     | .00039 | .00108 | .00170 | .00202 | .00787 | .00244 | .09245  | .01391 |
| #2     | .00038 | .00099 | .00171 | .00198 | .00743 | .00251 | .09063  | .01374 |
| #3     | .00050 | .00111 | .00162 | .00193 | .00747 | .00251 | .09060  | .01368 |
| 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    | .01073 | .04201 | .00168 | .04387 | .00563 | .00055 | .00186  | .01261 |
| Stddev | .00029 | .00029 | .00006 | .00017 | .00013 | .00001 | .00002  | .00003 |
| %RSD   | 2.7117 | .68296 | 3.5284 | .38801 | 2.3277 | 1.1950 | 1.0233  | .26663 |
| #1     | .01103 | .04234 | .00163 | .04406 | .00574 | .00056 | .00188  | .01265 |
| #2     | .01045 | .04192 | .00174 | .04382 | .00566 | .00055 | .00184  | .01258 |
| #3     | .01070 | .04179 | .00166 | .04373 | .00548 | .00054 | .00186  | .01260 |
| 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    | .02000 | .00210 | .00747 | .00623 | .01860 | .02510 | -.00056 | .00170 |
| Stddev | .00033 | .00014 | .00017 | .00029 | .00058 | .00025 | .00004  | .00006 |
| %RSD   | 1.6429 | 6.5059 | 2.2387 | 4.6220 | 3.1107 | .97974 | 7.3193  | 3.7590 |
| #1     | .02029 | .00194 | .00766 | .00656 | .01910 | .02537 | -.00057 | .00164 |
| #2     | .01964 | .00216 | .00735 | .00614 | .01873 | .02505 | -.00060 | .00177 |
| #3     | .02006 | .00218 | .00739 | .00600 | .01797 | .02489 | -.00052 | .00168 |
| 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    | .00737 | .00206 | .01300 | .00090 | .03815 | .00361 | .01506  |        |
| Stddev | .00015 | .00005 | .00037 | .00007 | .00109 | .00009 | .00020  |        |
| %RSD   | 2.0660 | 2.3097 | 2.8127 | 8.1150 | 2.8570 | 2.5335 | 1.3319  |        |
| #1     | .00743 | .00210 | .01342 | .00094 | .03930 | .00369 | .01529  |        |
| #2     | .00748 | .00201 | .01283 | .00093 | .03802 | .00351 | .01495  |        |
| #3     | .00719 | .00208 | .01276 | .00081 | .03713 | .00363 | .01494  |        |

Sample Name: S1      Acquired: 3/7/2025 12:22:29      Type: Cal  
Method: EPA SFAM01.0(v69)      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       | 3245.7 | 75673. | 15318. | 2197.3 | 4692.5 |
| Stddev    | 17.3   | 278.   | 312.   | 9.6    | 29.9   |
| %RSD      | .53421 | .36764 | 2.0384 | .43811 | .63729 |
| #1        | 3228.4 | 75407. | 14960. | 2188.2 | 4661.3 |
| #2        | 3263.1 | 75650. | 15459. | 2196.4 | 4720.9 |
| #3        | 3245.4 | 75962. | 15534. | 2207.4 | 4695.4 |

Sample Name: S2      Acquired: 3/7/2025 12:26:40      Type: Cal  
Method: EPA SFAM01.0(v69)      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>.06599</b> | <b>.05266</b> | <b>1.2442</b> | <b>.06547</b> | <b>.16076</b> | <b>.50992</b> | <b>1.1659</b> | <b>.34023</b> |
| Stddev | .00026        | .00051        | .0029         | .00037        | .00031        | .00282        | .0047         | .00120        |
| %RSD   | .38676        | .97037        | .23681        | .55849        | .19208        | .55363        | .40457        | .35300        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .06607 | .05287 | 1.2476 | .06568 | .16100 | .51024 | 1.1674 | .34072 |
| #2 | .06620 | .05208 | 1.2423 | .06505 | .16088 | .50695 | 1.1606 | .34111 |
| #3 | .06570 | .05303 | 1.2426 | .06569 | .16041 | .51257 | 1.1697 | .33886 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>1.3791</b> | <b>.55638</b> | <b>.63725</b> | <b>.56686</b> | <b>.41429</b> | <b>.20729</b> | <b>.47763</b> | <b>.17716</b> |
| Stddev | .0037         | .00251        | .00269        | .00116        | .00245        | .00129        | .00145        | .00131        |
| %RSD   | .26646        | .45043        | .42143        | .20501        | .59075        | .62437        | .30452        | .74069        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.3827 | .55656 | .63749 | .56810 | .41585 | .20741 | .47763 | .17699 |
| #2 | 1.3753 | .55379 | .63445 | .56670 | .41556 | .20594 | .47617 | .17593 |
| #3 | 1.3792 | .55879 | .63980 | .56579 | .41147 | .20852 | .47908 | .17854 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>.32775</b> | <b>.08078</b> | <b>.06974</b> | <b>.07158</b> | <b>1.1954</b> | <b>.15964</b> | <b>.04757</b> | <b>.28603</b> |
| Stddev | .00051        | .00017        | .00044        | .00037        | .0049         | .00126        | .00017        | .00241        |
| %RSD   | .15666        | .21318        | .62390        | .51790        | .41298        | .79046        | .35760        | .84343        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .32824 | .08088 | .07019 | .07198 | 1.1983 | .15955 | .04774 | .28810 |
| #2 | .32780 | .08058 | .06970 | .07151 | 1.1897 | .15843 | .04755 | .28661 |
| #3 | .32721 | .08087 | .06932 | .07125 | 1.1981 | .16094 | .04740 | .28338 |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| 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>.87886</b> | <b>.02671</b> | <b>.03624</b> | <b>.15622</b> | <b>.44910</b> | <b>.20298</b> | <b>2.0243</b> |  |
| Stddev | .00243        | .00015        | .00069        | .00046        | .00213        | .00074        | .0124         |  |
| %RSD   | .27599        | .57831        | 1.9124        | .29389        | .47519        | .36589        | .61128        |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .88142 | .02673 | .03650 | .15674 | .45100 | .20308 | 2.0382 |  |
| #2 | .87660 | .02685 | .03676 | .15586 | .44950 | .20219 | 2.0202 |  |
| #3 | .87854 | .02655 | .03545 | .15608 | .44679 | .20367 | 2.0145 |  |



Sample Name: S2      Acquired: 3/7/2025 12:26:40      Type: Cal  
Method: EPA SFAM01.0(v69)      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       | 3082.6 | 69261. | 15284. | 2002.1 | 4151.8 |
| Stddev    | 12.9   | 324.   | 86.    | 11.8   | 15.7   |
| %RSD      | .41898 | .46788 | .56336 | .59034 | .37788 |
| #1        | 3068.1 | 69093. | 15227. | 1993.8 | 4134.4 |
| #2        | 3087.0 | 69635. | 15241. | 2015.7 | 4156.4 |
| #3        | 3092.8 | 69056. | 15383. | 1996.9 | 4164.7 |

Sample Name: S3      Acquired: 3/7/2025 12:30:42      Type: Cal  
Method: EPA SFAM01.0(v69)      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>.13559</b> | <b>.10188</b> | <b>2.5135</b> | <b>.13197</b> | <b>.32818</b> | <b>1.0488</b> | <b>2.3360</b> | <b>.67022</b> |
| Stddev | .00061        | .00088        | .0064         | .00036        | .00077        | .0013         | .0148         | .00185        |
| %RSD   | .44830        | .86029        | .25538        | .26933        | .23549        | .12607        | .63287        | .27669        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .13536 | .10102 | 2.5068 | .13173 | .32789 | 1.0496 | 2.3522 | .67215 |
| #2 | .13513 | .10183 | 2.5140 | .13181 | .32758 | 1.0495 | 2.3328 | .66845 |
| #3 | .13628 | .10277 | 2.5196 | .13238 | .32905 | 1.0473 | 2.3231 | .67006 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>2.7994</b> | <b>1.1215</b> | <b>1.2588</b> | <b>1.1482</b> | <b>.82341</b> | <b>.41475</b> | <b>.96340</b> | <b>.36288</b> |
| Stddev | .0094         | .0027         | .0033         | .0026         | .00369        | .00066        | .00331        | .00074        |
| %RSD   | .33640        | .23592        | .25968        | .22227        | .44766        | .15845        | .34327        | .20354        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.7901 | 1.1235 | 1.2624 | 1.1456 | .82554 | .41499 | .96622 | .36326 |
| #2 | 2.7990 | 1.1225 | 1.2560 | 1.1485 | .82554 | .41524 | .96422 | .36336 |
| #3 | 2.8090 | 1.1185 | 1.2579 | 1.1506 | .81916 | .41400 | .95976 | .36203 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>.66443</b> | <b>.16354</b> | <b>.14127</b> | <b>.14305</b> | <b>2.4364</b> | <b>.32584</b> | <b>.10008</b> | <b>.55603</b> |
| Stddev | .00111        | .00073        | .00032        | .00055        | .0153         | .00047        | .00057        | .00436        |
| %RSD   | .16758        | .44778        | .22586        | .38530        | .62896        | .14358        | .57000        | .78407        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .66316 | .16432 | .14159 | .14339 | 2.4341 | .32621 | .09951 | .56101 |
| #2 | .66486 | .16345 | .14095 | .14336 | 2.4528 | .32600 | .10008 | .55422 |
| #3 | .66526 | .16286 | .14126 | .14242 | 2.4224 | .32531 | .10065 | .55287 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>1.7554</b> | <b>.05563</b> | <b>.07190</b> | <b>.31631</b> | <b>.88765</b> | <b>.42124</b> | <b>4.1256</b> |
| Stddev | .0070         | .00043        | .00007        | .00065        | .00374        | .00100        | .0454         |
| %RSD   | .39782        | .76473        | .09243        | .20588        | .42189        | .23830        | 1.1000        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.7549 | .05517 | .07182 | .31584 | .89066 | .42240 | 4.1273 |
| #2 | 1.7486 | .05570 | .07193 | .31604 | .88884 | .42072 | 4.1701 |
| #3 | 1.7625 | .05601 | .07195 | .31706 | .88346 | .42061 | 4.0794 |

Sample Name: S3      Acquired: 3/7/2025 12:30:42      Type: Cal  
Method: EPA SFAM01.0(v69)      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       | 2927.3 | 67299. | 15102. | 1932.4 | 3854.1 |
| Stddev    | 12.4   | 108.   | 19.    | 7.9    | 7.2    |
| %RSD      | .42309 | .16044 | .12560 | .40625 | .18635 |
| #1        | 2922.0 | 67193. | 15086. | 1935.8 | 3856.1 |
| #2        | 2941.4 | 67295. | 15097. | 1923.4 | 3860.0 |
| #3        | 2918.4 | 67408. | 15123. | 1937.9 | 3846.1 |

Sample Name: S4      Acquired: 3/7/2025 12:34:44      Type: Cal  
Method: EPA SFAM01.0(v69)      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>.26549</b> | <b>.19089</b> | <b>4.8805</b> | <b>.25661</b> | <b>.64469</b> | <b>2.0694</b> | <b>4.6391</b> | <b>1.3216</b> |
| Stddev | .00086        | .00120        | .0162         | .00102        | .00227        | .0388         | .1303         | .0105         |
| %RSD   | .32392        | .62691        | .33097        | .39885        | .35199        | 1.8744        | 2.8081        | .79177        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .26455 | .18955 | 4.8622 | .25586 | .64257 | 2.0888 | 4.7471 | 1.3265 |
| #2 | .26569 | .19185 | 4.8864 | .25620 | .64441 | 2.0248 | 4.4944 | 1.3096 |
| #3 | .26623 | .19128 | 4.8928 | .25778 | .64708 | 2.0948 | 4.6759 | 1.3287 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>5.4427</b> | <b>2.1733</b> | <b>2.3702</b> | <b>2.2375</b> | <b>1.6452</b> | <b>.79119</b> | <b>1.8670</b> | <b>.71656</b> |
| Stddev | .0188         | .0443         | .0607         | .0048         | .0015         | .01567        | .0382         | .01398        |
| %RSD   | .34621        | 2.0375        | 2.5589        | .21266        | .09061        | 1.9803        | 2.0485        | 1.9515        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.4210 | 2.1963 | 2.3993 | 2.2321 | 1.6468 | .79909 | 1.8855 | .72390 |
| #2 | 5.4553 | 2.1223 | 2.3005 | 2.2395 | 1.6450 | .77314 | 1.8231 | .70044 |
| #3 | 5.4518 | 2.2014 | 2.4108 | 2.2410 | 1.6438 | .80133 | 1.8925 | .72535 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>1.2808</b> | <b>.32441</b> | <b>.28587</b> | <b>.27893</b> | <b>4.7510</b> | <b>.63816</b> | <b>.20227</b> | <b>1.0740</b> |
| Stddev | .0038         | .00778        | .00048        | .00116        | .0981         | .01168        | .00080        | .0049         |
| %RSD   | .29508        | 2.3967        | .16670        | .41413        | 2.0644        | 1.8295        | .39598        | .45696        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.2769 | .32864 | .28611 | .28023 | 4.8010 | .64386 | .20163 | 1.0769 |
| #2 | 1.2810 | .31543 | .28532 | .27855 | 4.6380 | .62473 | .20201 | 1.0684 |
| #3 | 1.2845 | .32915 | .28617 | .27802 | 4.8140 | .64589 | .20317 | 1.0768 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>3.3725</b> | <b>.11289</b> | <b>.14356</b> | <b>.61179</b> | <b>1.7369</b> | <b>.84111</b> | <b>7.9838</b> |
| Stddev | .0114         | .00047        | .00032        | .00216        | .0011         | .01591        | .1436         |
| %RSD   | .33858        | .41748        | .22200        | .35378        | .06503        | 1.8915        | 1.7989        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.3607 | .11241 | .14366 | .60955 | 1.7381 | .84814 | 8.0533 |
| #2 | 3.3732 | .11290 | .14321 | .61196 | 1.7367 | .82289 | 7.8187 |
| #3 | 3.3835 | .11335 | .14382 | .61387 | 1.7359 | .85229 | 8.0795 |

Sample Name: S4      Acquired: 3/7/2025 12:34:44      Type: Cal  
Method: EPA SFAM01.0(v69)      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       | 2814.3 | 65938. | 14613. | 1884.6 | 3616.2 |
| Stddev    | 7.7    | 1399.  | 19.    | 41.4   | 8.5    |
| %RSD      | .27210 | 2.1209 | .12799 | 2.1950 | .23589 |
| #1        | 2821.3 | 65274. | 14596. | 1863.3 | 3625.8 |
| #2        | 2815.5 | 67545. | 14633. | 1932.3 | 3613.3 |
| #3        | 2806.1 | 64995. | 14609. | 1858.2 | 3609.4 |

Sample Name: S5      Acquired: 3/7/2025 12:38:45      Type: Cal  
Method: EPA SFAM01.0(v69)      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>.54574</b> | <b>.35632</b> | <b>9.6280</b> | <b>.51750</b> | <b>1.3223</b> | <b>4.2821</b> | <b>9.2322</b> | <b>2.6556</b> |
| Stddev | .00498        | .00456        | .0688         | .00609        | .0118         | .0123         | .0606         | .0128         |
| %RSD   | .91241        | 1.2801        | .71447        | 1.1770        | .89040        | .28634        | .65683        | .48181        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .54921 | .36050 | 9.6895 | .52140 | 1.3276 | 4.2680 | 9.2236 | 2.6410 |
| #2 | .54003 | .35145 | 9.5537 | .51048 | 1.3088 | 4.2903 | 9.1764 | 2.6612 |
| #3 | .54796 | .35701 | 9.6409 | .52062 | 1.3305 | 4.2880 | 9.2967 | 2.6647 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>10.589</b> | <b>4.3208</b> | <b>4.5639</b> | <b>4.4292</b> | <b>3.3076</b> | <b>1.5685</b> | <b>3.7317</b> | <b>1.4631</b> |
| Stddev | .084          | .0469         | .0134         | .0361         | .0209         | .0033         | .0216         | .0023         |
| %RSD   | .79211        | 1.0858        | .29412        | .81416        | .63119        | .21010        | .57743        | .15730        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.673 | 4.2682 | 4.5515 | 4.4632 | 3.2853 | 1.5651 | 3.7084 | 1.4611 |
| #2 | 10.506 | 4.3360 | 4.5781 | 4.3914 | 3.3106 | 1.5688 | 3.7359 | 1.4625 |
| #3 | 10.587 | 4.3583 | 4.5620 | 4.4329 | 3.3268 | 1.5716 | 3.7509 | 1.4656 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>2.5191</b> | <b>.68338</b> | <b>.58572</b> | <b>.54058</b> | <b>9.6775</b> | <b>1.3448</b> | <b>.42044</b> | <b>2.0817</b> |
| Stddev | .0198         | .00149        | .00486        | .00259        | .0636         | .0041         | .00236        | .0082         |
| %RSD   | .78560        | .21811        | .82941        | .47893        | .65729        | .30172        | .56139        | .39340        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.5373 | .68182 | .58052 | .53768 | 9.6041 | 1.3410 | .42274 | 2.0723 |
| #2 | 2.4980 | .68478 | .58650 | .54141 | 9.7150 | 1.3444 | .41802 | 2.0860 |
| #3 | 2.5221 | .68354 | .59014 | .54265 | 9.7135 | 1.3491 | .42055 | 2.0869 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>6.6609</b> | <b>.23240</b> | <b>.28523</b> | <b>1.1943</b> | <b>3.3886</b> | <b>1.7796</b> | <b>15.964</b> |
| Stddev | .0647         | .00177        | .00187        | .0098         | .0181         | .0089         | .097          |
| %RSD   | .97094        | .76211        | .65643        | .81789        | .53419        | .49998        | .61031        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.7125 | .23396 | .28313 | 1.2044 | 3.3681 | 1.7709 | 15.895 |
| #2 | 6.5883 | .23048 | .28586 | 1.1849 | 3.3951 | 1.7794 | 15.921 |
| #3 | 6.6818 | .23278 | .28671 | 1.1936 | 3.4026 | 1.7887 | 16.075 |

Sample Name: S5      Acquired: 3/7/2025 12:38:45      Type: Cal  
Method: EPA SFAM01.0(v69)      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       | 2568.4 | 61082. | 14043. | 1740.3 | 3267.8 |
| Stddev    | 22.2   | 151.   | 60.    | 9.0    | 25.0   |
| %RSD      | .86466 | .24641 | .42693 | .51455 | .76485 |
| #1        | 2553.2 | 61250. | 14111. | 1749.2 | 3247.1 |
| #2        | 2593.9 | 60960. | 13997. | 1731.3 | 3295.5 |
| #3        | 2558.1 | 61036. | 14021. | 1740.3 | 3260.8 |

Sample Name: S6      Acquired: 3/7/2025 12:43:15      Type: Cal  
Method: EPA SFAM01.0(v69)      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    | <b>12.404</b> | <b>7.6675</b> | <b>4.4649</b> | <b>2.5857</b> | <b>1.7043</b> |
| Stddev | .121          | .0148         | .0220         | .0061         | .0083         |
| %RSD   | .97505        | .19340        | .49204        | .23453        | .48398        |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 12.385 | 7.6504 | 4.4421 | 2.5796 | 1.7054 |
| #2 | 12.293 | 7.6772 | 4.4859 | 2.5859 | 1.6955 |
| #3 | 12.533 | 7.6748 | 4.4667 | 2.5917 | 1.7119 |

|           |               |               |
|-----------|---------------|---------------|
| Int. Std. | Y_3600        | Y_3710        |
| Units     | Cts/S         | Cts/S         |
| Avg       | <b>56480.</b> | <b>14019.</b> |
| Stddev    | 155.          | 55.           |
| %RSD      | .27436        | .39189        |

|    |        |        |
|----|--------|--------|
| #1 | 56651. | 14046. |
| #2 | 56441. | 14056. |
| #3 | 56348. | 13956. |



Sample Name: ICV003      Acquired: 3/7/2025 12:52:54      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV003      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908     | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9369418 | F 1.100339 | 1.010341 | .9979866 | .9564763 | 2.419426 |
| Stddev | .0070506 | .008555    | .004224  | .0021554 | .0012325 | .000590  |
| %RSD   | .7525103 | .7774832   | .4180648 | .2159776 | .1288542 | .0243908 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9345819 | 1.092265 | 1.007613 | .9954988 | .9562877 | 2.420063 |
| #2 | .9313738 | 1.099449 | 1.008204 | .9992960 | .9553490 | 2.419315 |
| #3 | .9448696 | 1.109305 | 1.015206 | .9991649 | .9577922 | 2.418899 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4874844 | .5163575 | .5016708 | 9.321498 | .5678498 | .5037786 |
| Stddev | .0004144 | .0004816 | .0018797 | .009494  | .0028951 | .0016948 |
| %RSD   | .0850054 | .0932680 | .3746807 | .1018478 | .5098318 | .3364244 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4874408 | .5167186 | .5005638 | 9.310834 | .5645910 | .5025327 |
| #2 | .4879189 | .5165431 | .5006075 | 9.324631 | .5688341 | .5030947 |
| #3 | .4870936 | .5158107 | .5038411 | 9.329030 | .5701245 | .5057086 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5082330 | 9.773139 | .5074630 | F 4.989879 | .5141073 | .2361474 |
| Stddev | .0048916 | .029183  | .0003817 | .011465    | .0014036 | .0005352 |
| %RSD   | .9624637 | .2986011 | .0752188 | .2297617   | .2730159 | .2266266 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5115757 | 9.779617 | .5079032 | 4.991038 | .5130818 | .2357953 |
| #2 | .5105047 | 9.741261 | .5072615 | 4.977879 | .5135331 | .2358836 |
| #3 | .5026187 | 9.798538 | .5072243 | 5.000720 | .5157070 | .2367632 |

|        |          |          |          |            |            |            |
|--------|----------|----------|----------|------------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698     | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm        |
| Avg    | 9.025651 | .5255778 | .9318514 | F 8.287854 | F 2.069279 | F 2.443974 |
| Stddev | .068491  | .0024578 | .0015981 | .021935    | .010497    | .009978    |
| %RSD   | .7588443 | .4676334 | .1715018 | .2646614   | .5072586   | .4082802   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.027784 | .5272173 | .9304660 | 8.269753 | 2.057566 | 2.454666 |
| #2 | 9.093049 | .5227519 | .9335998 | 8.281562 | 2.077834 | 2.442346 |
| #3 | 8.956118 | .5267642 | .9314885 | 8.312247 | 2.072437 | 2.434910 |

Sample Name: ICV003      Acquired: 3/7/2025 12:52:54      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV003      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Mo2020     | S_1820     | Si2516     | Sn1899     | Ti3361     | Li6707     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F 2.476643 | F 2.001588 | F 2.018088 | F 2.367093 | F 2.502938 | F 2.055124 |
| Stddev | .007814    | .008247    | .013741    | .009867    | .016928    | .001867    |
| %RSD   | .3155071   | .4120458   | .6808737   | .4168535   | .6763246   | .0908571   |
| #1     | 2.474117   | 1.992472   | 2.029460   | 2.360925   | 2.522396   | 2.055101   |
| #2     | 2.470404   | 2.003761   | 2.021984   | 2.361880   | 2.494819   | 2.057002   |
| #3     | 2.485407   | 2.008532   | 2.002820   | 2.378473   | 2.491600   | 2.053268   |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F 2.354743 |
| Stddev | .017421    |
| %RSD   | .7398261   |
| #1     | 2.364873   |
| #2     | 2.334627   |
| #3     | 2.364728   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3274.338 | 73338.38 | 15551.96 | 2144.453 | 4624.049 |
| Stddev    | 9.088    | 216.29   | 41.29    | 7.644    | 9.354    |
| %RSD      | .2775407 | .2949144 | .2655001 | .3564379 | .2022864 |
| #1        | 3270.621 | 73541.00 | 15513.14 | 2151.343 | 4623.651 |
| #2        | 3284.694 | 73363.51 | 15595.34 | 2145.785 | 4633.595 |
| #3        | 3267.697 | 73110.62 | 15547.39 | 2136.231 | 4614.900 |

Sample Name: ICB003      Acquired: 3/7/2025 12:56:55      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB003      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021300 | -.000327 | -.000036 | .0007631 | -.001099 | -.001713 | -.001232 |
| Stddev | .0007978 | .000936  | .000507  | .0032270 | .002281  | .002338  | .000514  |
| %RSD   | 37.45567 | 286.0941 | 1421.434 | 422.8524 | 207.5801 | 136.4880 | 41.69507 |
| #1     | .0029397 | -.000093 | .000511  | -.000360 | -.001590 | -.003906 | -.000788 |
| #2     | .0021056 | -.001358 | -.000126 | -.001752 | -.003094 | -.001980 | -.001113 |
| #3     | .0013447 | .000469  | -.000492 | .004402  | .001388  | .000747  | -.001795 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000048 | -.000010 | -.006988 | -.000648 | .0000299 | -.000211 | -.001108 |
| Stddev | .000059  | .000031  | .005640  | .000313  | .0000864 | .001921  | .002161  |
| %RSD   | 122.2893 | 295.5071 | 80.70560 | 48.22781 | 289.4566 | 908.3347 | 195.1072 |
| #1     | -.000018 | .000005  | -.009271 | -.000290 | -.000018 | -.001004 | .000466  |
| #2     | -.000116 | -.000046 | -.011128 | -.000792 | .000130  | .001979  | -.003572 |
| #3     | -.000011 | .000010  | -.000565 | -.000863 | -.000022 | -.001609 | -.000217 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000010 | -.016513 | .0001330 | -.000134 | -.200225 | .0017580 | -.000923 |
| Stddev | .0001988 | .002736  | .0002394 | .000140  | .219702  | .0024313 | .000598  |
| %RSD   | 19941.70 | 16.57005 | 180.0468 | 104.6670 | 109.7276 | 138.2983 | 64.79723 |
| #1     | -.000172 | -.015293 | -.000117 | -.000227 | -.039691 | -.000495 | -.000592 |
| #2     | .000218  | -.014598 | .000155  | -.000201 | -.450611 | .001434  | -.000563 |
| #3     | -.000044 | -.019647 | .000361  | .000027  | -.110373 | .004335  | -.001613 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.130017 | -.000803 | .0050850 | -.000067 | .0014111 | -.001749 | -.000485 |
| Stddev | .038136  | .001462  | .0001294 | .000085  | .0012934 | .002916  | .000476  |
| %RSD   | 29.33126 | 182.0029 | 2.545301 | 126.2460 | 91.65734 | 166.7415 | 98.29576 |
| #1     | -.153132 | -.002415 | .0052283 | -.000150 | .0023491 | -.000758 | -.000004 |
| #2     | -.086001 | .000439  | .0049767 | -.000070 | -.000064 | -.005032 | -.000492 |
| #3     | -.150920 | -.000434 | .0050499 | .000019  | .001949  | .000543  | -.000957 |

Sample Name: ICB003      Acquired: 3/7/2025 12:56:55      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB003      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000566</b> | <b>-.003154</b> | <b>.0000458</b> |
| Stddev | .000579         | .000695         | .0000122        |
| %RSD   | 102.3585        | 22.02539        | 26.69045        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001024</b> | <b>-.002627</b> | <b>.0000328</b> |
| #2 | <b>-.000760</b> | <b>-.003941</b> | <b>.0000571</b> |
| #3 | <b>.000085</b>  | <b>-.002893</b> | <b>.0000476</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>3343.842</b> | <b>77048.18</b> | <b>15554.62</b> | <b>2241.069</b> | <b>4937.908</b> |
| Stddev    | 4.319           | 861.54          | 249.97          | 25.916          | 7.846           |
| %RSD      | .1291505        | 1.118185        | 1.607032        | 1.156408        | .1588864        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3338.859</b> | <b>76612.80</b> | <b>15719.94</b> | <b>2232.707</b> | <b>4930.102</b> |
| #2 | <b>3346.492</b> | <b>76491.23</b> | <b>15267.05</b> | <b>2220.367</b> | <b>4937.831</b> |
| #3 | <b>3346.176</b> | <b>78040.53</b> | <b>15676.86</b> | <b>2270.134</b> | <b>4945.792</b> |

Sample Name: ICSA003      Acquired: 3/7/2025 13:01:03      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA003      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065521 | -.004426 | .0018189 | .0177044 | .0054522 | 220.8499 |
| Stddev | .0042684 | .001838  | .0028235 | .0017139 | .0037397 | 1.6669   |
| %RSD   | 65.14542 | 41.53043 | 155.2286 | 9.680780 | 68.59001 | .7547707 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0068659 | -.002838 | .0019615 | .0194083 | .0021752 | 219.1906 |
| #2 | .0021355 | -.004001 | .0045684 | .0177243 | .0046554 | 220.8348 |
| #3 | .0106550 | -.006440 | -.001073 | .0159806 | .0095262 | 222.5244 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049853 | -.000628 | .0005204 | 237.5130 | .0522730 | .0019848 |
| Stddev | .0001875 | .000037  | .0001544 | 2.1267   | .0010367 | .0002978 |
| %RSD   | 3.761755 | 5.840594 | 29.66341 | .8954069 | 1.983244 | 15.00440 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0048175 | -.000643 | .0006228 | 236.1800 | .0513214 | .0017188 |
| #2 | .0049506 | -.000587 | .0003428 | 239.9656 | .0521199 | .0019292 |
| #3 | .0051877 | -.000656 | .0005954 | 236.3933 | .0533778 | .0023066 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002789 | 98.53715 | .0209457 | 233.8229 | .0031237 | -.003131 |
| Stddev | .001334  | .80856   | .0001257 | 2.0218   | .0003669 | .000186  |
| %RSD   | 47.84183 | .8205672 | .6002882 | .8646705 | 11.74484 | 5.944795 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001334 | 97.94689 | .0210775 | 232.5755 | .0027104 | -.003338 |
| #2 | -.003955 | 99.45875 | .0209324 | 236.1556 | .0034107 | -.003078 |
| #3 | -.003079 | 98.20579 | .0208271 | 232.7375 | .0032501 | -.002978 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.797179 | -.004524 | -.006798 | -.166901 | .0034089 | F .1428325 |
| Stddev | .344695  | .001019  | .002502  | .035032  | .0013473 | .0064289   |
| %RSD   | 43.23935 | 22.51846 | 36.80422 | 20.98941 | 39.52396 | 4.500994   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.959566 | -.005632 | -.008787 | -.206270 | .0023388 | .1392087 |
| #2 | -1.03069 | -.004311 | -.003989 | -.139170 | .0029660 | .1502553 |
| #3 | -.40128  | -.003628 | -.007617 | -.155263 | .0049220 | .1390336 |

Sample Name: ICSA003      Acquired: 3/7/2025 13:01:03      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA003      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000395</b> | <b>.0232136</b> | <b>.0049702</b> | <b>-.005520</b> | <b>-.002443</b> | <b>.0035747</b> |
| Stddev | .000413         | .0052993        | .0045276        | .001019         | .000646         | .0010428        |
| %RSD   | 104.6468        | 22.82853        | 91.09503        | 18.46436        | 26.44086        | 29.17235        |
| #1     | <b>-.000505</b> | <b>.0241960</b> | <b>-.000013</b> | <b>-.004744</b> | <b>-.002414</b> | <b>.0042347</b> |
| #2     | <b>.000062</b>  | <b>.0279530</b> | <b>.006092</b>  | <b>-.006674</b> | <b>-.003103</b> | <b>.0041169</b> |
| #3     | <b>-.000742</b> | <b>.0174918</b> | <b>.008832</b>  | <b>-.005141</b> | <b>-.001812</b> | <b>.0023725</b> |

|        |                   |
|--------|-------------------|
| Elem   | Sr4077            |
| Units  | ppm               |
| Avg    | <b>F .1019570</b> |
| Stddev | .0010560          |
| %RSD   | 1.035708          |
| #1     | <b>.1012437</b>   |
| #2     | <b>.1031701</b>   |
| #3     | <b>.1014573</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>2922.329</b> | <b>66614.15</b> | <b>14989.60</b> | <b>1954.659</b> | <b>3833.526</b> |
| Stddev    | 10.564          | 335.54          | 92.90           | 8.860           | 9.109           |
| %RSD      | .3615045        | .5037062        | .6197839        | .4532662        | .2376249        |
| #1        | <b>2922.075</b> | <b>66974.67</b> | <b>15023.87</b> | <b>1954.796</b> | <b>3833.623</b> |
| #2        | <b>2933.018</b> | <b>66310.99</b> | <b>15060.50</b> | <b>1963.450</b> | <b>3842.586</b> |
| #3        | <b>2911.894</b> | <b>66556.78</b> | <b>14884.43</b> | <b>1945.732</b> | <b>3824.368</b> |

Sample Name: ICSAB003      Acquired: 3/7/2025 13:05:18      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB003      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0994165 | .0997696 | .0529478 | .0652814 | .5939212 | 226.7037 |
| Stddev | .0030582 | .0021634 | .0007485 | .0022206 | .0023218 | 3.5581   |
| %RSD   | 3.076160 | 2.168413 | 1.413724 | 3.401504 | .3909286 | 1.569490 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0962303 | .1000003 | .0536475 | .0627174 | .5960672 | 230.1967 |
| #2 | .0996911 | .1018085 | .0521585 | .0665386 | .5914565 | 223.0839 |
| #3 | .1023282 | .0975001 | .0530375 | .0665880 | .5942400 | 226.8306 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5323959 | .4906504 | 1.000285 | 243.1473 | .6019117 | .5069058 |
| Stddev | .0052683 | .0011655 | .002320  | 2.0172   | .0061922 | .0015479 |
| %RSD   | .9895394 | .2375370 | .2319329 | .8296111 | 1.028749 | .3053669 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5381218 | .4914860 | 1.001038 | 244.7979 | .6085917 | .5066873 |
| #2 | .5277539 | .4911463 | .997682  | 240.8988 | .5963635 | .5054787 |
| #3 | .5313120 | .4893190 | 1.002134 | 243.7453 | .6007798 | .5085513 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4917567 | 101.0425 | .5410145 | 238.4814 | 1.016415 | .2022084 |
| Stddev | .0011319 | .8273    | .0042247 | 1.6991   | .003165  | .0011967 |
| %RSD   | .2301820 | .8187243 | .7808886 | .7124698 | .3113841 | .5918357 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4927787 | 101.5523 | .5441101 | 239.6002 | 1.016774 | .2033838 |
| #2 | .4919515 | 100.0880 | .5362015 | 236.5263 | 1.013086 | .2009914 |
| #3 | .4905401 | 101.4871 | .5427318 | 239.3179 | 1.019385 | .2022499 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.583616 | .4929692 | 1.013982 | -.361702 | .0066225 | F .7609290 |
| Stddev | .445759  | .0031432 | .015388  | .069091  | .0066056 | .0026204   |
| %RSD   | 76.37879 | .6376109 | 1.517605 | 19.10161 | 99.74467 | .3443673   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.826288 | .4913212 | 1.026410 | -.406051 | .0141448 | .7633084 |
| #2 | -.069172 | .4909926 | .996770  | -.282096 | .0017684 | .7581206 |
| #3 | -.855388 | .4965937 | 1.018767 | -.396960 | .0039543 | .7613580 |

Sample Name: ICSAB003      Acquired: 3/7/2025 13:05:18      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB003      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Mo2020     | S_1820   | Si2516     | Sn1899     | Ti3361     | Li6707   |
|--------|------------|----------|------------|------------|------------|----------|
| Units  | ppm        | ppm      | ppm        | ppm        | ppm        | ppm      |
| Avg    | F .6562540 | .0325381 | F .5095260 | F .6438075 | F .6477586 | .0014629 |
| Stddev | .0010411   | .0082035 | .0005717   | .0025137   | .0016977   | .0007193 |
| %RSD   | .1586451   | 25.21197 | .1121947   | .3904474   | .2620842   | 49.16660 |
| #1     | .6562144   | .0291842 | .5099080   | .6452809   | .6460773   | .0006767 |
| #2     | .6552332   | .0265430 | .5098013   | .6409050   | .6494722   | .0016244 |
| #3     | .6573143   | .0418872 | .5088688   | .6452366   | .6477264   | .0020878 |

| Elem   | Sr4077     |
|--------|------------|
| Units  | ppm        |
| Avg    | F .1050698 |
| Stddev | .0008760   |
| %RSD   | .8337020   |
| #1     | .1058808   |
| #2     | .1041408   |
| #3     | .1051879   |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2901.267 | 65789.94 | 15407.21 | 1893.655 | 3820.580 |
| Stddev    | 2.738    | 450.66   | 42.47    | 17.829   | 5.844    |
| %RSD      | .0943573 | .6849974 | .2756609 | .9415306 | .1529541 |
| #1        | 2903.048 | 65345.55 | 15438.23 | 1882.999 | 3823.344 |
| #2        | 2902.637 | 66246.62 | 15358.80 | 1914.238 | 3824.529 |
| #3        | 2898.114 | 65777.65 | 15424.61 | 1883.727 | 3813.867 |



Sample Name: CCV006      Acquired: 3/7/2025 13:09:22      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV006      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.953841</b> | <b>4.887767</b> | <b>23.95661</b> | <b>4.987409</b> | <b>4.961596</b> | <b>383.6982</b> | <b>10.42119</b> |
| Stddev | .044300         | .033528         | .22941          | .048538         | .049471         | 1.4261          | .02229          |
| %RSD   | .8942559        | .6859619        | .9575890        | .9732034        | .9970880        | .3716786        | .2139311        |
| #1     | 4.971580        | 4.907195        | 24.06046        | 5.001689        | 4.978985        | 382.1030        | 10.40268        |
| #2     | 4.903421        | 4.849052        | 23.69365        | 4.933333        | 4.905778        | 384.8496        | 10.41495        |
| #3     | 4.986523        | 4.907054        | 24.11573        | 5.027204        | 5.000025        | 384.1422        | 10.44594        |
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4760127</b> | <b>2.435919</b> | <b>394.4219</b> | <b>15.34492</b> | <b>2.431560</b> | <b>14.74325</b> | <b>397.4526</b> |
| Stddev | .0022224        | .025229         | 1.6367          | .04226          | .024879         | .02693          | 2.3276          |
| %RSD   | .4668834        | 1.035709        | .4149619        | .2754323        | 1.023152        | .1826283        | .5856338        |
| #1     | .4785682        | 2.448020        | 392.6245        | 15.29887        | 2.442693        | 14.74883        | 394.8709        |
| #2     | .4745326        | 2.406919        | 394.8149        | 15.35396        | 2.403059        | 14.71398        | 398.0961        |
| #3     | .4749372        | 2.452819        | 395.8263        | 15.38194        | 2.448928        | 14.76696        | 399.3907        |
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>15.32442</b> | <b>392.8769</b> | <b>2.426978</b> | <b>1.267983</b> | <b>379.1707</b> | <b>2.431405</b> | <b>15.48318</b> |
| Stddev | .09837          | 1.7408          | .024730         | .003743         | .7403           | .006997         | .12627          |
| %RSD   | .6419220        | .4430899        | 1.018965        | .2952086        | .1952377        | .2877559        | .8155503        |
| #1     | 15.22879        | 390.9735        | 2.439719        | 1.263932        | 379.2027        | 2.433954        | 15.36482        |
| #2     | 15.31916        | 393.2688        | 2.398476        | 1.271313        | 378.4149        | 2.423492        | 15.46861        |
| #3     | 15.42532        | 394.3883        | 2.442740        | 1.268704        | 379.8944        | 2.436770        | 15.61610        |
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>158.7255</b> | <b>4.870253</b> | <b>5.097852</b> | <b>4.875888</b> | <b>4.921269</b> | <b>4.831560</b> | <b>4.859841</b> |
| Stddev | .9620           | .036792         | .007420         | .046128         | .033523         | .006660         | .044923         |
| %RSD   | .6060889        | .7554458        | .1455564        | .9460417        | .6811961        | .1378512        | .9243794        |
| #1     | 157.6161        | 4.880441        | 5.104547        | 4.891415        | 4.941906        | 4.839227        | 4.866918        |
| #2     | 159.2300        | 4.829441        | 5.099137        | 4.824000        | 4.882589        | 4.828240        | 4.811799        |
| #3     | 159.3303        | 4.900878        | 5.089874        | 4.912249        | 4.939313        | 4.827212        | 4.900805        |

Sample Name: CCV006      Acquired: 3/7/2025 13:09:22      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV006      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>4.884700</b> | <b>5.248657</b> | <b>5.250571</b> |
| Stddev | .004003         | .037371         | .025370         |
| %RSD   | .0819442        | .7120162        | .4831846        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.886559 | 5.207089 | 5.274692 |
| #2 | 4.880106 | 5.259407 | 5.224113 |
| #3 | 4.887435 | 5.279475 | 5.252908 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2666.248</b> | <b>61724.00</b> | <b>14644.88</b> | <b>1737.569</b> | <b>3391.019</b> |
| Stddev    | 22.022          | 116.41          | 80.06           | 4.713           | 28.260          |
| %RSD      | .8259494        | .1885913        | .5466471        | .2712213        | .8333801        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2654.892 | 61846.59 | 14552.97 | 1742.863 | 3375.877 |
| #2 | 2691.629 | 61710.44 | 14682.24 | 1736.015 | 3423.624 |
| #3 | 2652.221 | 61614.97 | 14699.42 | 1733.831 | 3373.557 |

Sample Name: CCB006      Acquired: 3/7/2025 13:13:40      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB006      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000163</b> | <b>.0006559</b> | <b>.0000341</b> | <b>.0001075</b> | <b>-.001013</b> | <b>.0043060</b> | <b>-.002878</b> |
| Stddev | .000662         | .0015612        | .0009180        | .0027314        | .000277         | .0018607        | .000607         |
| %RSD   | 407.2472        | 238.0296        | 2695.414        | 2540.521        | 27.37811        | 43.21158        | 21.08890        |
| #1     | <b>-.000923</b> | <b>.0003229</b> | <b>.0010721</b> | <b>-.001923</b> | <b>-.001256</b> | <b>.0049982</b> | <b>-.003565</b> |
| #2     | <b>.000146</b>  | <b>.0023568</b> | <b>-.000671</b> | <b>.003213</b>  | <b>-.000711</b> | <b>.0021984</b> | <b>-.002657</b> |
| #3     | <b>.000289</b>  | <b>-.000712</b> | <b>-.000299</b> | <b>-.000968</b> | <b>-.001071</b> | <b>.0057214</b> | <b>-.002413</b> |
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000078</b> | <b>-.000001</b> | <b>.0003028</b> | <b>-.000179</b> | <b>-.000128</b> | <b>.0013671</b> | <b>-.002522</b> |
| Stddev | .000040         | .000017         | .0040117        | .000068         | .000040         | .0027511        | .005659         |
| %RSD   | 51.81354        | 1238.867        | 1324.679        | 38.13334        | 31.53602        | 201.2349        | 224.3816        |
| #1     | <b>-.000047</b> | <b>-.000021</b> | <b>.0047447</b> | <b>-.000108</b> | <b>-.000129</b> | <b>-.001489</b> | <b>.002303</b>  |
| #2     | <b>-.000124</b> | <b>.000013</b>  | <b>-.000779</b> | <b>-.000245</b> | <b>-.000168</b> | <b>.003999</b>  | <b>-.008750</b> |
| #3     | <b>-.000063</b> | <b>.000004</b>  | <b>-.003057</b> | <b>-.000185</b> | <b>-.000087</b> | <b>.001591</b>  | <b>-.001119</b> |
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0002471</b> | <b>-.006878</b> | <b>-.000344</b> | <b>-.000173</b> | <b>-.286025</b> | <b>.0010131</b> | <b>.0009558</b> |
| Stddev | .0002612        | .006630         | .000152         | .000130         | .236828         | .0004159        | .0014598        |
| %RSD   | 105.6854        | 96.38231        | 44.29044        | 75.10333        | 82.79966        | 41.05515        | 152.7356        |
| #1     | <b>-.000040</b> | <b>-.014308</b> | <b>-.000179</b> | <b>-.000236</b> | <b>-.537690</b> | <b>.0009756</b> | <b>.0017383</b> |
| #2     | <b>.000310</b>  | <b>-.001566</b> | <b>-.000371</b> | <b>-.000260</b> | <b>-.252854</b> | <b>.0006172</b> | <b>.0018575</b> |
| #3     | <b>.000471</b>  | <b>-.004761</b> | <b>-.000480</b> | <b>-.000024</b> | <b>-.067532</b> | <b>.0014465</b> | <b>-.000728</b> |
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.173834</b> | <b>.0010518</b> | <b>.0047129</b> | <b>.0000500</b> | <b>-.000006</b> | <b>-.000287</b> | <b>-.000404</b> |
| Stddev | .008702         | .0017680        | .0003229        | .0002949        | .002520         | .002329         | .000853         |
| %RSD   | 5.006014        | 168.0918        | 6.851757        | 590.4744        | 42764.03        | 810.7256        | 211.0356        |
| #1     | <b>-.163793</b> | <b>.0029553</b> | <b>.0050843</b> | <b>.0000574</b> | <b>-.002437</b> | <b>.002245</b>  | <b>.000149</b>  |
| #2     | <b>-.179175</b> | <b>.0007392</b> | <b>.0045562</b> | <b>.0003411</b> | <b>-.000174</b> | <b>-.000770</b> | <b>-.001386</b> |
| #3     | <b>-.178535</b> | <b>-.000539</b> | <b>.0044983</b> | <b>-.000249</b> | <b>.002594</b>  | <b>-.002337</b> | <b>.000025</b>  |

Sample Name: CCB006      Acquired: 3/7/2025 13:13:40      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB006      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0002329 | -.002622 | .0000636 |
| Stddev | .0002812 | .001369  | .0000251 |
| %RSD   | 120.7381 | 52.22882 | 39.44900 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0005467 | -.003999 | .0000846 |
| #2 | .0000038 | -.001260 | .0000703 |
| #3 | .0001482 | -.002608 | .0000358 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3350.169 | 78027.52 | 15601.26 | 2218.387 | 4960.653 |
| Stddev    | 13.330   | 1035.15  | 25.78    | 27.496   | 18.373   |
| %RSD      | .3978950 | 1.326646 | .1652723 | 1.239471 | .3703691 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3343.835 | 78961.09 | 15611.04 | 2248.990 | 4956.172 |
| #2 | 3365.485 | 76914.31 | 15572.02 | 2195.761 | 4980.851 |
| #3 | 3341.187 | 78207.17 | 15620.72 | 2210.410 | 4944.935 |

Sample Name: Q1106-03A      Acquired: 3/7/2025 13:17:49      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: YE8G6A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034734 | .0004384 | .0012751 | -.002632 | .0002235 | 1.426766 |
| Stddev | .0012441 | .0022932 | .0017449 | .005378  | .0002684 | .022821  |
| %RSD   | 35.81786 | 523.1408 | 136.8380 | 204.3122 | 120.0724 | 1.599521 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0022433 | .0019202 | .0023209 | -.002435 | -.000072 | 1.407983 |
| #2 | .0047310 | -.002203 | .0022437 | -.008105 | .000292  | 1.452164 |
| #3 | .0034459 | .001598  | -.000739 | .002644  | .000451  | 1.420152 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2168877 | -.000080 | -.000060 | 114.4056 | .0228705 | -.000408 |
| Stddev | .0039624 | .000045  | .000069  | 1.5160   | .0006369 | .000086  |
| %RSD   | 1.826918 | 56.13971 | 114.4930 | 1.325122 | 2.784931 | 21.01080 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2123676 | -.000104 | -.000138 | 112.7663 | .0221350 | -.000494 |
| #2 | .2197616 | -.000107 | -.000013 | 115.7571 | .0232317 | -.000322 |
| #3 | .2185340 | -.000028 | -.000028 | 114.6935 | .0232446 | -.000409 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009431 | .0026663 | .0349520 | .0206076 | .0000238 | -.000554 |
| Stddev | .0012343 | .0008242 | .0001110 | .0080209 | .0003140 | .000222  |
| %RSD   | 130.8842 | 30.91073 | .3174615 | 38.92217 | 1318.517 | 39.99333 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0023477 | .0029400 | .0349759 | .0273440 | .0003248 | -.000339 |
| #2 | .0004502 | .0033188 | .0350490 | .0117348 | -.000302 | -.000543 |
| #3 | .0000313 | .0017401 | .0348310 | .0227440 | .000048  | -.000782 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.215332 | .0035839 | .0238469 | -.107895 | .0009828 | .0363581 |
| Stddev | .265149  | .0015650 | .0020365 | .063766  | .0017888 | .0008056 |
| %RSD   | 8.246396 | 43.66856 | 8.539866 | 59.09958 | 182.0069 | 2.215822 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.218277 | .0041325 | .0216605 | -.175896 | -.000881 | .0368158 |
| #2 | 3.478997 | .0018184 | .0241907 | -.049441 | .002685  | .0354279 |
| #3 | 2.948724 | .0048007 | .0256897 | -.098349 | .001144  | .0368308 |

Sample Name: Q1106-03A      Acquired: 3/7/2025 13:17:49      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: YE8G6A      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                 |                 |                 |                 |
|--------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0524616</b> | <b>F 11.61542</b> | <b>3.305734</b> | <b>-.003854</b> | <b>-.003496</b> | <b>-.001834</b> |
| Stddev | .0001576        | .00805            | .015822         | .000373         | .000355         | .001060         |
| %RSD   | .3004585        | .0692924          | .4786085        | 9.670954        | 10.16162        | 57.78062        |
| #1     | .0523071        | 11.60734          | 3.313210        | -.003708        | -.003130        | -.001012        |
| #2     | .0524556        | 11.61548          | 3.316434        | -.004278        | -.003518        | -.003030        |
| #3     | .0526222        | 11.62343          | 3.287561        | -.003577        | -.003839        | -.001461        |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.2698425</b> |
| Stddev | .0038471        |
| %RSD   | 1.425669        |
| #1     | .2657755        |
| #2     | .2734234        |
| #3     | .2703287        |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3276.966</b> | <b>75206.83</b> | <b>15739.74</b> | <b>2198.203</b> | <b>4665.361</b> |
| Stddev    | 15.777          | 1010.85         | 45.39           | 27.381          | 18.683          |
| %RSD      | .4814512        | 1.344097        | .2883746        | 1.245624        | .4004638        |
| #1        | 3291.714        | 76363.56        | 15707.74        | 2229.102        | 4683.752        |
| #2        | 3278.853        | 74493.20        | 15791.69        | 2188.553        | 4665.934        |
| #3        | 3260.330        | 74763.73        | 15719.79        | 2176.952        | 4646.399        |

Sample Name: Q1160-01A      Acquired: 3/7/2025 13:21:53      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: YE8C9A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0099933 | .0000645 | .0028489 | .0004255 | .0000730 | 4.500371 |
| Stddev | .0018566 | .0016238 | .0011129 | .0016569 | .0004684 | .009966  |
| %RSD   | 18.57804 | 2518.556 | 39.06401 | 389.4045 | 641.2807 | .2214586 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0120810 | .0015073 | .0016369 | .0023153 | .0002293 | 4.492474 |
| #2 | .0093713 | .0003800 | .0038247 | -.000778 | .0004433 | 4.511569 |
| #3 | .0085276 | -.001694 | .0030850 | -.000261 | -.000454 | 4.497070 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2313852 | .0000241 | -.000011 | 7.113682 | .0033090 | .0030116 |
| Stddev | .0007982 | .0000890 | .000075  | .016853  | .0001724 | .0000962 |
| %RSD   | .3449628 | 370.0466 | 695.5892 | .2369028 | 5.210656 | 3.193024 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2305479 | -.000031 | -.000092 | 7.097751 | .0031136 | .0029033 |
| #2 | .2321375 | .000127  | .000005  | 7.131325 | .0033733 | .0030444 |
| #3 | .2314703 | -.000024 | .000055  | 7.111968 | .0034400 | .0030870 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0127850 | 4.073370 | .0830367 | 5.597263 | .0082741 | -.000345 |
| Stddev | .0025145 | .012236  | .0003288 | .017687  | .0000738 | .000227  |
| %RSD   | 19.66721 | .3003835 | .3960198 | .3159865 | .8918689 | 65.75632 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0107832 | 4.059248 | .0831757 | 5.577233 | .0083489 | -.000194 |
| #2 | .0119647 | 4.080793 | .0832731 | 5.610730 | .0082720 | -.000235 |
| #3 | .0156072 | 4.080070 | .0826611 | 5.603827 | .0082014 | -.000606 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.301646 | .0063937 | .1930173 | -.843599 | .1796017 | .3423544 |
| Stddev | .251790  | .0007080 | .0043835 | .027634  | .0008662 | .0021695 |
| %RSD   | 3.995627 | 11.07392 | 2.271037 | 3.275713 | .4823120 | .6336871 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.299398 | .0063860 | .1924209 | -.862558 | .1786051 | .3448551 |
| #2 | 6.050987 | .0056895 | .1976684 | -.856347 | .1800255 | .3409758 |
| #3 | 6.554553 | .0071056 | .1889625 | -.811893 | .1801745 | .3412323 |

Sample Name: Q1160-01A      Acquired: 3/7/2025 13:21:53      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: YE8C9A      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011184 | F 10.63340 | 6.282295 | -.001322 | .0391364 | -.003231 |
| Stddev | .0001255 | .03103     | .027252  | .000569  | .0010666 | .000880  |
| %RSD   | 11.22309 | .2918226   | .4337927 | 43.02064 | 2.725268 | 27.23880 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0011407 | 10.62128 | 6.312935 | -.000972 | .0401277 | -.003768 |
| #2 | .0009832 | 10.61027 | 6.260765 | -.001978 | .0392738 | -.002215 |
| #3 | .0012312 | 10.66866 | 6.273186 | -.001016 | .0380078 | -.003710 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0611530 |
| Stddev | .0003042 |
| %RSD   | .4974415 |

|    |          |
|----|----------|
| #1 | .0608367 |
| #2 | .0611790 |
| #3 | .0614434 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3362.503 | 77698.82 | 16365.61 | 2262.093 | 4941.486 |
| Stddev    | 15.990   | 142.86   | 71.79    | 7.989    | 10.989   |
| %RSD      | .4755391 | .1838624 | .4386934 | .3531650 | .2223816 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3376.632 | 77862.65 | 16284.52 | 2253.669 | 4952.519 |
| #2 | 3365.733 | 77600.24 | 16421.07 | 2263.047 | 4941.399 |
| #3 | 3345.145 | 77633.56 | 16391.25 | 2269.561 | 4930.541 |



Sample Name: CCV007      Acquired: 3/7/2025 13:28:02      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV007      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.983604</b> | <b>4.788001</b> | <b>23.87926</b> | <b>5.019909</b> | <b>5.005691</b> | <b>385.2917</b> | <b>10.35541</b> |
| Stddev | .017814         | .048652         | .07178          | .035522         | .014851         | 2.4223          | .06822          |
| %RSD   | .3574563        | 1.016118        | .3005847        | .7076237        | .2966883        | .6286867        | .6588345        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.975716 | 4.809526 | 23.89135 | 5.003806 | 4.997358 | 388.0432 | 10.36660 |
| #2 | 4.971096 | 4.732299 | 23.80221 | 4.995291 | 4.996876 | 384.3514 | 10.41735 |
| #3 | 5.004000 | 4.822177 | 23.94423 | 5.060631 | 5.022837 | 383.4806 | 10.28228 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4843430</b> | <b>2.419025</b> | <b>391.7055</b> | <b>15.39583</b> | <b>2.431316</b> | <b>14.83675</b> | <b>396.7246</b> |
| Stddev | .0015774        | .010541         | .7797           | .03203          | .008962         | .01942          | .1038           |
| %RSD   | .3256817        | .4357374        | .1990425        | .2080702        | .3686221        | .1309083        | .0261676        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4856633 | 2.421242 | 392.2241 | 15.43043 | 2.430342 | 14.83969 | 396.8416 |
| #2 | .4825962 | 2.407552 | 392.0836 | 15.38985 | 2.422880 | 14.81602 | 396.6887 |
| #3 | .4847694 | 2.428281 | 390.8089 | 15.36721 | 2.440725 | 14.85452 | 396.6435 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>15.24452</b> | <b>391.1934</b> | <b>2.422102</b> | <b>1.273396</b> | <b>380.3142</b> | <b>2.440877</b> | <b>15.48635</b> |
| Stddev | .02598          | .2138           | .010123         | .004916         | 1.2370          | .006426         | .05582          |
| %RSD   | .1704224        | .0546427        | .4179594        | .3860639        | .3252646        | .2632528        | .3604204        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.27205 | 391.2688 | 2.422665 | 1.278731 | 381.5436 | 2.438242 | 15.54539 |
| #2 | 15.24106 | 390.9522 | 2.411710 | 1.272410 | 379.0696 | 2.436188 | 15.43445 |
| #3 | 15.22044 | 391.3593 | 2.431933 | 1.269048 | 380.3292 | 2.448202 | 15.47919 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>160.1114</b> | <b>4.862230</b> | <b>5.166982</b> | <b>4.898193</b> | <b>4.902369</b> | <b>4.866134</b> | <b>4.830931</b> |
| Stddev | .4271           | .011668         | .017227         | .021024         | .032571         | .011478         | .019831         |
| %RSD   | .2667445        | .2399667        | .3334057        | .4292215        | .6643869        | .2358787        | .4105040        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 160.1327 | 4.868753 | 5.173272 | 4.896728 | 4.874111 | 4.869526 | 4.827083 |
| #2 | 160.5275 | 4.848760 | 5.147494 | 4.877940 | 4.895005 | 4.853343 | 4.813305 |
| #3 | 159.6741 | 4.869178 | 5.180180 | 4.919911 | 4.937991 | 4.875535 | 4.852404 |

Sample Name: CCV007      Acquired: 3/7/2025 13:28:02      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV007      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>4.910087</b> | <b>5.265801</b> | <b>5.203922</b> |
| Stddev | .010953         | .017276         | .036166         |
| %RSD   | .2230721        | .3280708        | .6949689        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.912763 | 5.273982 | 5.245121 |
| #2 | 4.898044 | 5.277466 | 5.189235 |
| #3 | 4.919454 | 5.245955 | 5.177410 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2632.484</b> | <b>61015.89</b> | <b>14374.61</b> | <b>1720.272</b> | <b>3366.368</b> |
| Stddev    | 8.197           | 94.57           | 42.84           | 6.080           | 10.480          |
| %RSD      | .3113977        | .1549913        | .2980503        | .3534254        | .3113066        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2630.881 | 60911.63 | 14363.00 | 1713.290 | 3363.546 |
| #2 | 2641.365 | 61039.91 | 14422.06 | 1724.395 | 3377.970 |
| #3 | 2625.207 | 61096.14 | 14338.77 | 1723.131 | 3357.588 |

Sample Name: CCB007      Acquired: 3/7/2025 13:32:20      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB007      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0011961</b> | <b>-.001107</b> | <b>.0001343</b> | <b>-.000047</b> | <b>-.001368</b> | <b>-.003806</b> | <b>-.001644</b> |
| Stddev | .0021913        | .001023         | .0002037        | .001798         | .000170         | .001838         | .000507         |
| %RSD   | 183.2090        | 92.40652        | 151.7063        | 3835.983        | 12.45664        | 48.28430        | 30.86746        |
| #1     | <b>-.000599</b> | <b>-.002272</b> | <b>.0000220</b> | <b>.000350</b>  | <b>-.001529</b> | <b>-.003246</b> | <b>-.001562</b> |
| #2     | <b>.003638</b>  | <b>-.000694</b> | <b>.0000114</b> | <b>-.002010</b> | <b>-.001189</b> | <b>-.002314</b> | <b>-.001182</b> |
| #3     | <b>.000549</b>  | <b>-.000355</b> | <b>.0003694</b> | <b>.001520</b>  | <b>-.001387</b> | <b>-.005859</b> | <b>-.002187</b> |
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000048</b> | <b>.0000496</b> | <b>-.005252</b> | <b>-.000372</b> | <b>-.000150</b> | <b>-.002168</b> | <b>-.004614</b> |
| Stddev | .000085         | .0000735        | .002040         | .000090         | .000095         | .000397         | .006859         |
| %RSD   | 177.1390        | 148.2587        | 38.84160        | 24.23976        | 63.32143        | 18.29752        | 148.6479        |
| #1     | <b>.000027</b>  | <b>.0000960</b> | <b>-.006619</b> | <b>-.000474</b> | <b>-.000081</b> | <b>-.002373</b> | <b>-.011451</b> |
| #2     | <b>-.000141</b> | <b>-.000035</b> | <b>-.006231</b> | <b>-.000301</b> | <b>-.000111</b> | <b>-.002421</b> | <b>.002267</b>  |
| #3     | <b>-.000031</b> | <b>.000088</b>  | <b>-.002907</b> | <b>-.000342</b> | <b>-.000258</b> | <b>-.001711</b> | <b>-.004660</b> |
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0002740</b> | <b>-.010176</b> | <b>-.000108</b> | <b>-.000340</b> | <b>-.494822</b> | <b>.0001500</b> | <b>-.001237</b> |
| Stddev | .0001535        | .009367         | .000086         | .000183         | .057951         | .0006535        | .001879         |
| %RSD   | 56.02757        | 92.04844        | 79.46640        | 53.68487        | 11.71142        | 435.7794        | 151.8976        |
| #1     | <b>.0003432</b> | <b>.000308</b>  | <b>-.000206</b> | <b>-.000550</b> | <b>-.496119</b> | <b>-.000405</b> | <b>-.002754</b> |
| #2     | <b>.0003808</b> | <b>-.017719</b> | <b>-.000042</b> | <b>-.000217</b> | <b>-.552112</b> | <b>.000870</b>  | <b>-.001821</b> |
| #3     | <b>.0000981</b> | <b>-.013116</b> | <b>-.000078</b> | <b>-.000254</b> | <b>-.436233</b> | <b>-.000016</b> | <b>.000864</b>  |
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.192715</b> | <b>.0005957</b> | <b>.0029838</b> | <b>.0001963</b> | <b>.0043626</b> | <b>-.000673</b> | <b>-.000429</b> |
| Stddev | .075379         | .0006170        | .0004319        | .0002753        | .0011520        | .002453         | .000246         |
| %RSD   | 39.11438        | 103.5776        | 14.47497        | 140.2320        | 26.40745        | 364.3325        | 57.29111        |
| #1     | <b>-.269342</b> | <b>.0004294</b> | <b>.0031827</b> | <b>.0002481</b> | <b>.0055556</b> | <b>-.000053</b> | <b>-.000160</b> |
| #2     | <b>-.190156</b> | <b>.0012789</b> | <b>.0024883</b> | <b>.0004420</b> | <b>.0042758</b> | <b>-.003377</b> | <b>-.000642</b> |
| #3     | <b>-.118648</b> | <b>.0000789</b> | <b>.0032805</b> | <b>-.000101</b> | <b>.0032564</b> | <b>.001410</b>  | <b>-.000484</b> |

Sample Name: CCB007      Acquired: 3/7/2025 13:32:20      Type: Unk  
Method: EPA SFAM01.0(v69)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB007      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0001463 | -.003338 | .0000843 |
| Stddev | .0004000 | .000816  | .0000400 |
| %RSD   | 273.4870 | 24.44603 | 47.42607 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0001319 | -.002745 | .0000381 |
| #2 | .0005532 | -.003001 | .0001075 |
| #3 | -.000246 | -.004269 | .0001074 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3382.915 | 77412.85 | 15965.17 | 2206.188 | 5057.890 |
| Stddev    | 10.252   | 1423.48  | 54.91    | 38.579   | 14.623   |
| %RSD      | .3030644 | 1.838821 | .3439061 | 1.748658 | .2891097 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3373.864 | 78168.19 | 15958.82 | 2230.478 | 5046.860 |
| #2 | 3394.049 | 75770.90 | 15913.72 | 2161.704 | 5074.476 |
| #3 | 3380.833 | 78299.46 | 16022.98 | 2226.382 | 5052.333 |