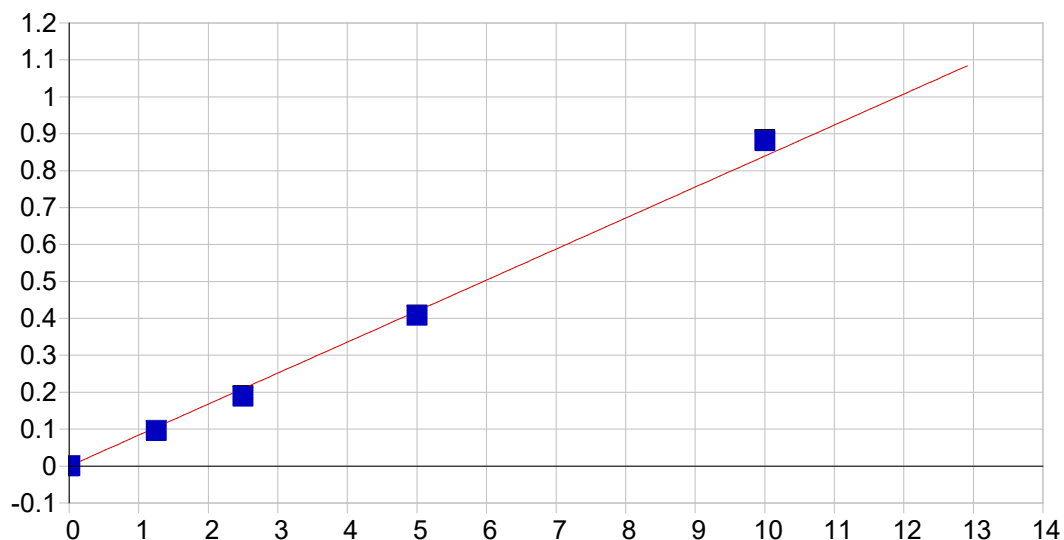


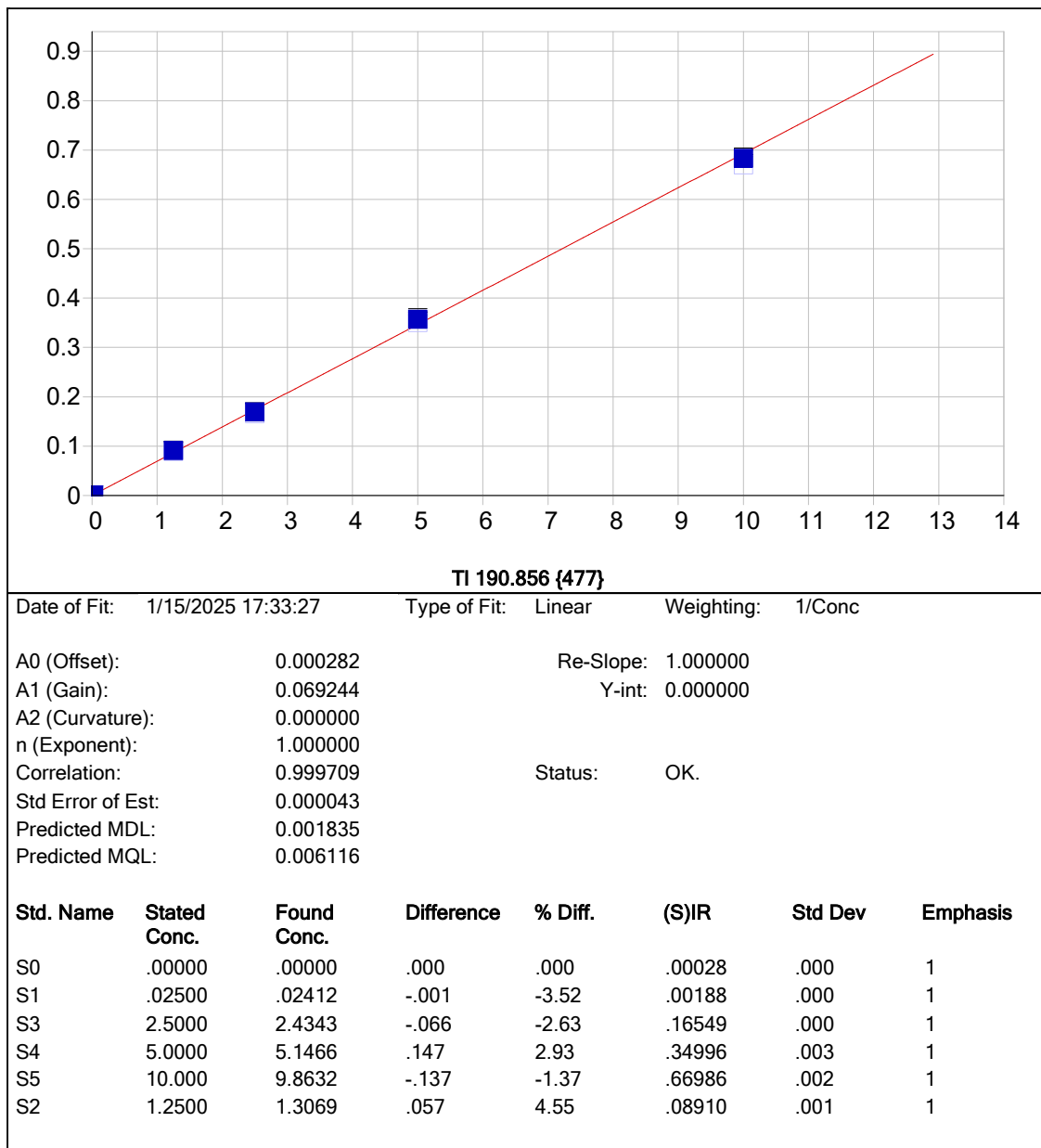


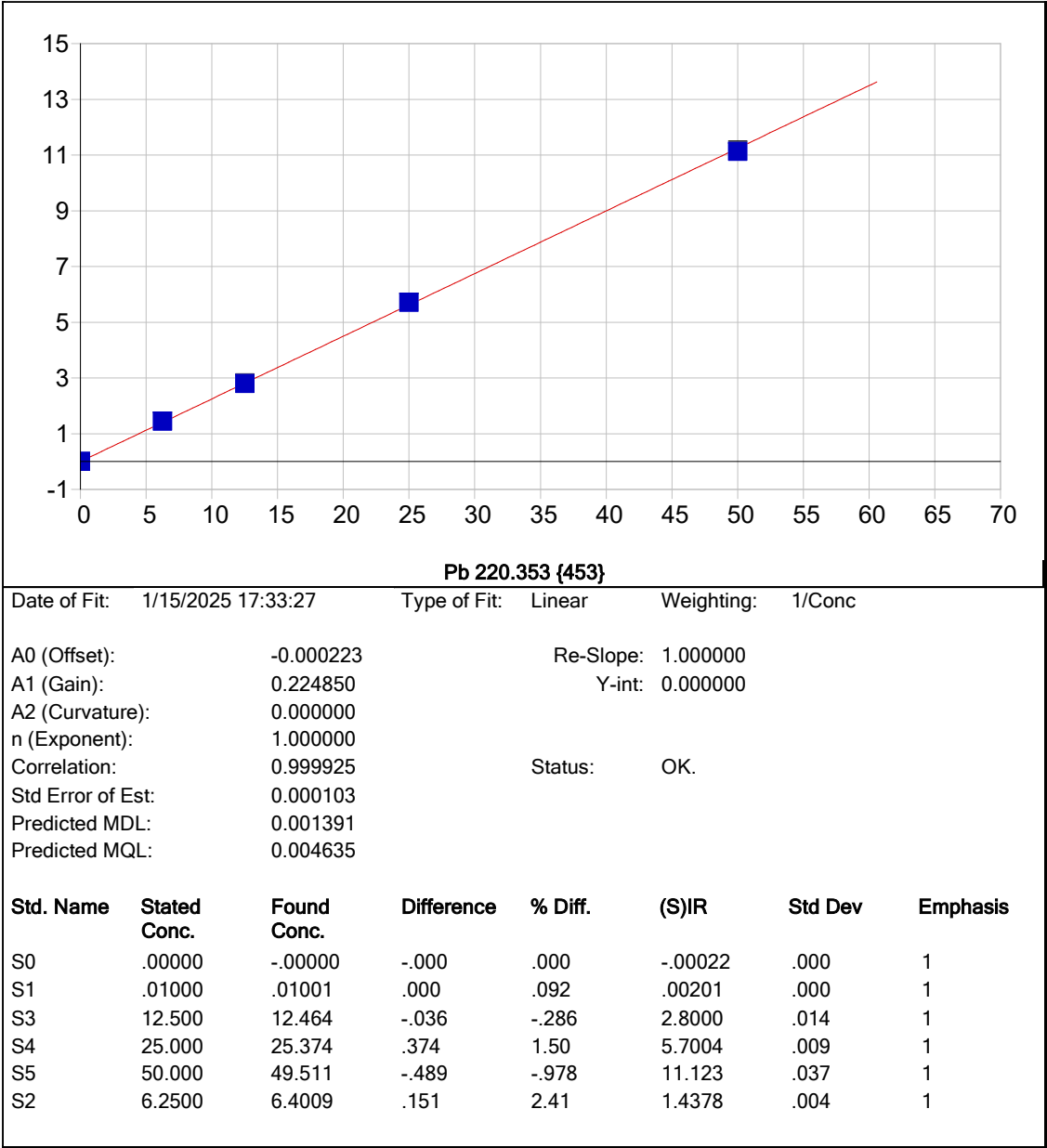
As 189.042 {479}

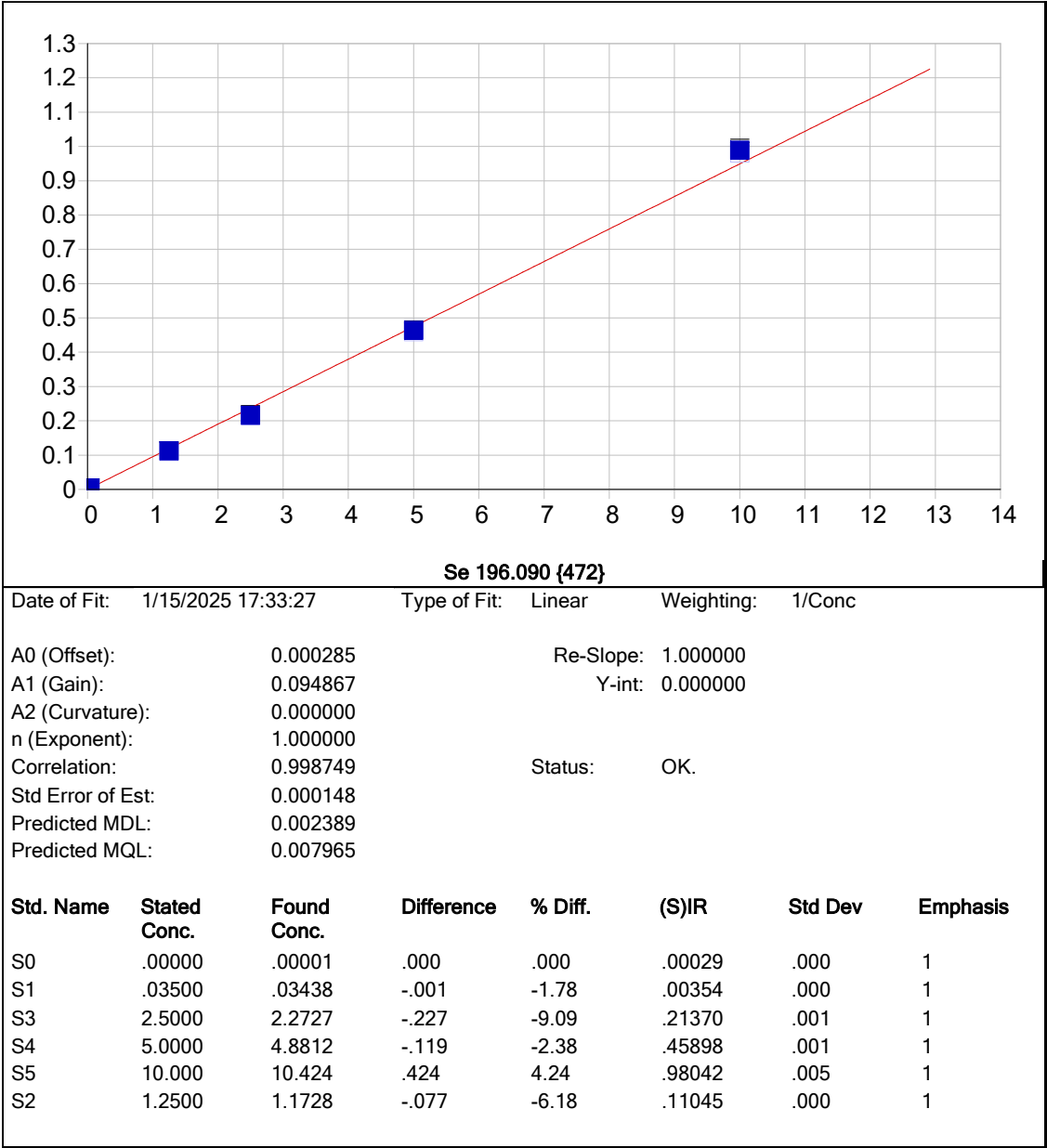
Date of Fit: 1/15/2025 17:33:27 Type of Fit: Linear Weighting: 1/Conc

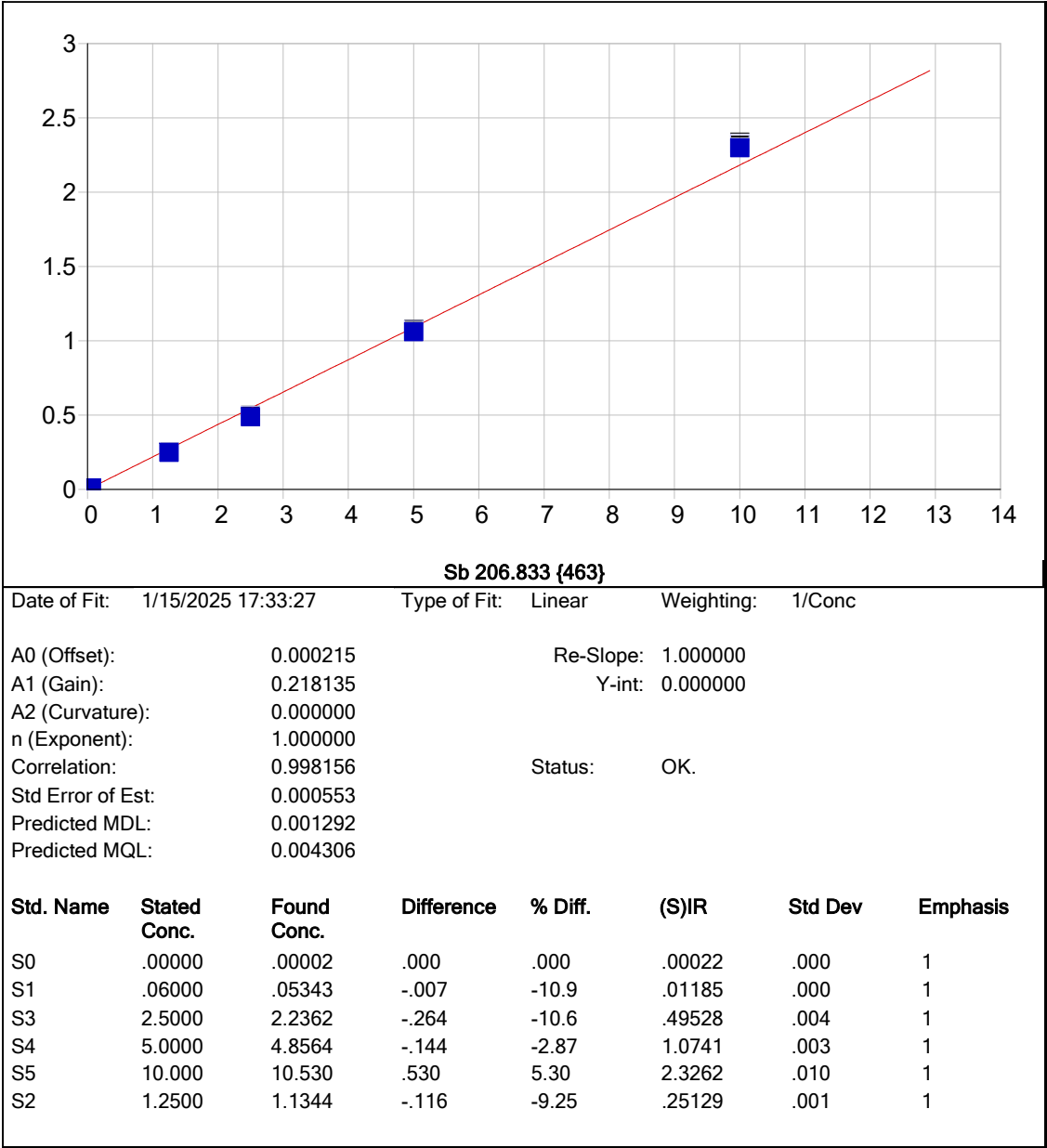
A0 (Offset): -0.000110 Re-Slope: 1.000000  
A1 (Gain): 0.083968 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.998347 Status: OK.  
Std Error of Est: 0.000081  
Predicted MDL: 0.002180  
Predicted MQL: 0.007268

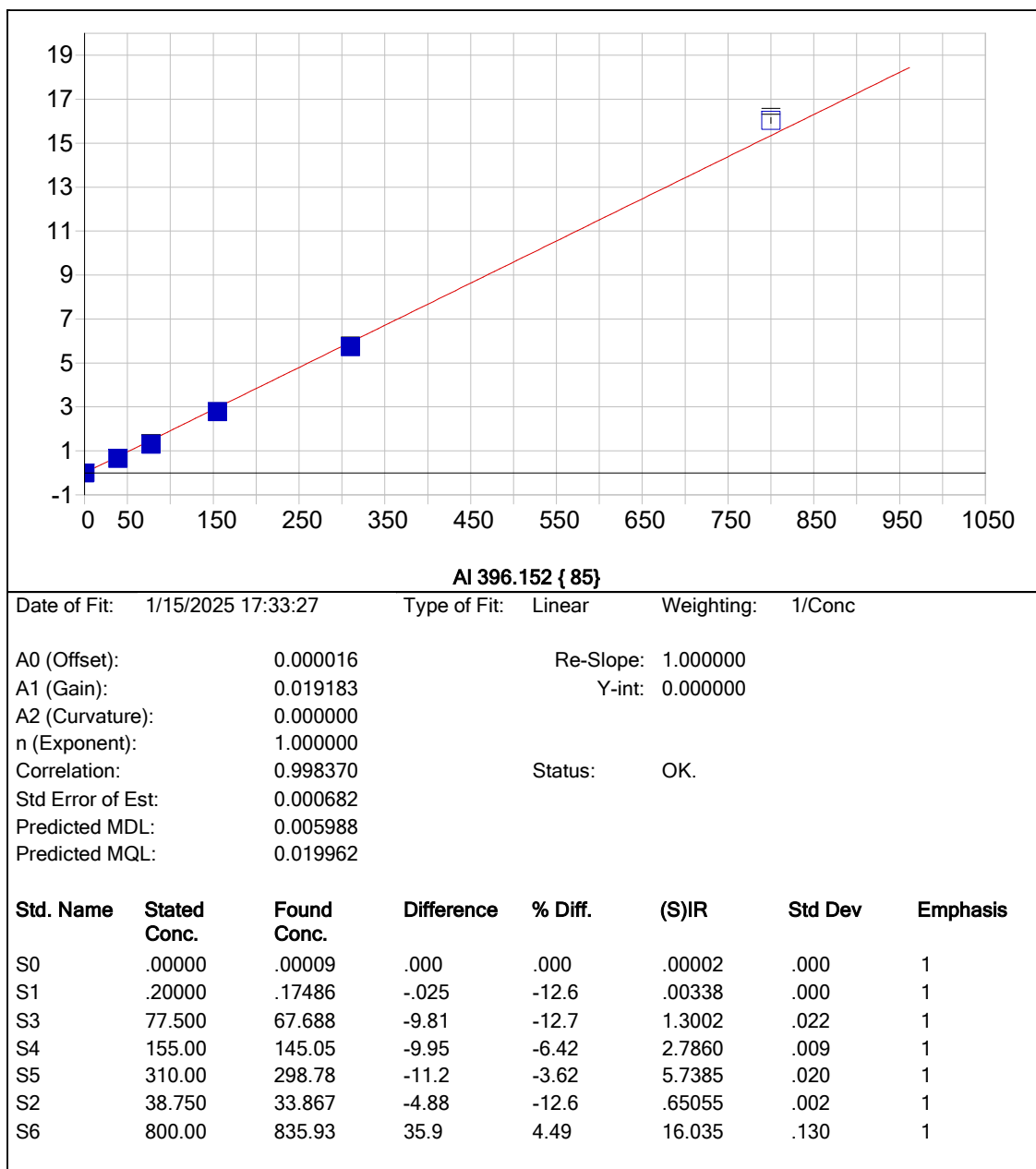
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00011 | .000    | 1        |
| S1        | .01000       | .00987      | -.000      | -1.35   | .00072  | .000    | 1        |
| S3        | 2.5000       | 2.2503      | -.250      | -9.99   | .18847  | .001    | 1        |
| S4        | 5.0000       | 4.8624      | -.138      | -2.75   | .40743  | .001    | 1        |
| S5        | 10.000       | 10.493      | .493       | 4.93    | .87947  | .003    | 1        |
| S2        | 1.2500       | 1.1444      | -.106      | -8.44   | .09580  | .001    | 1        |

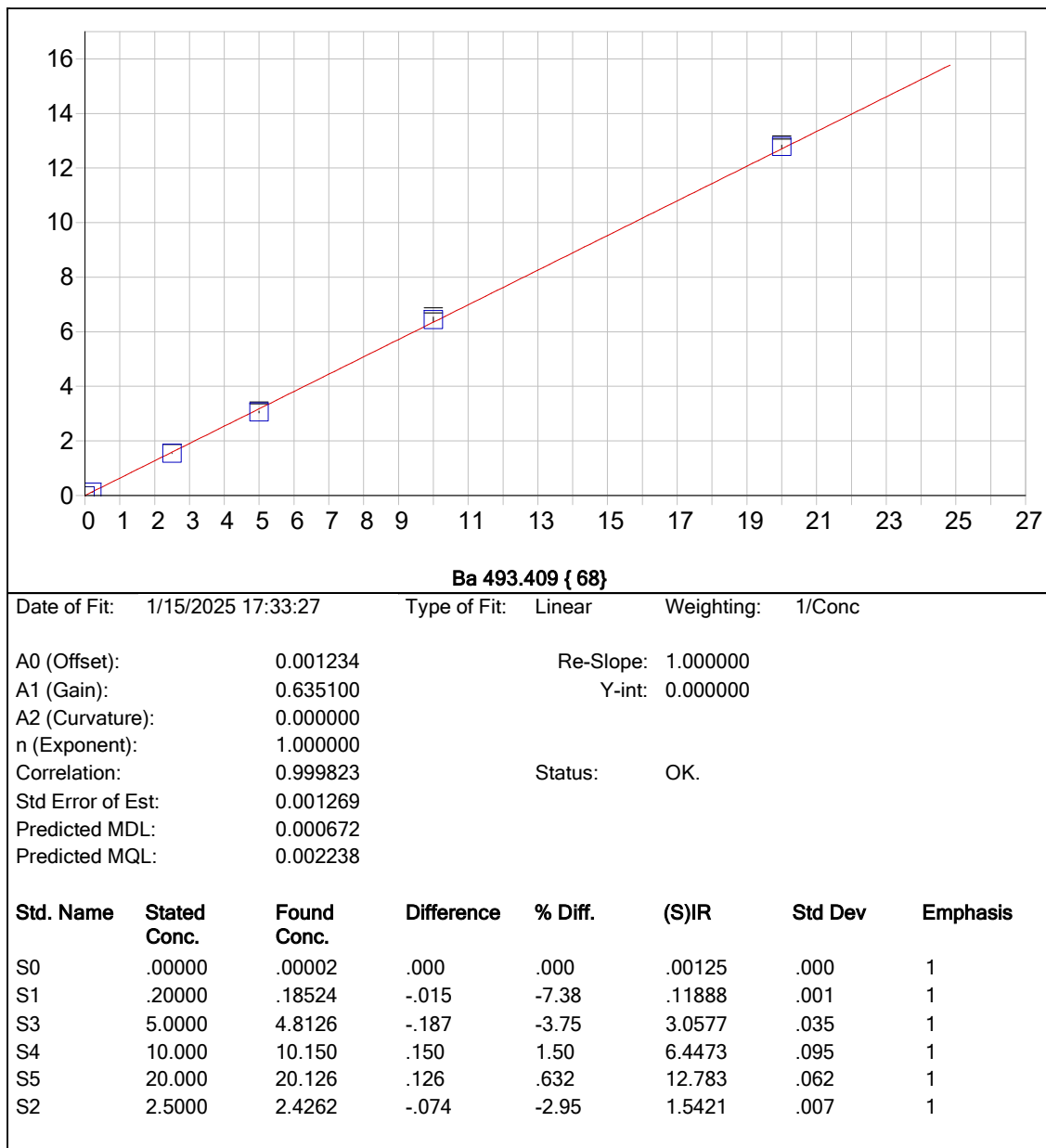


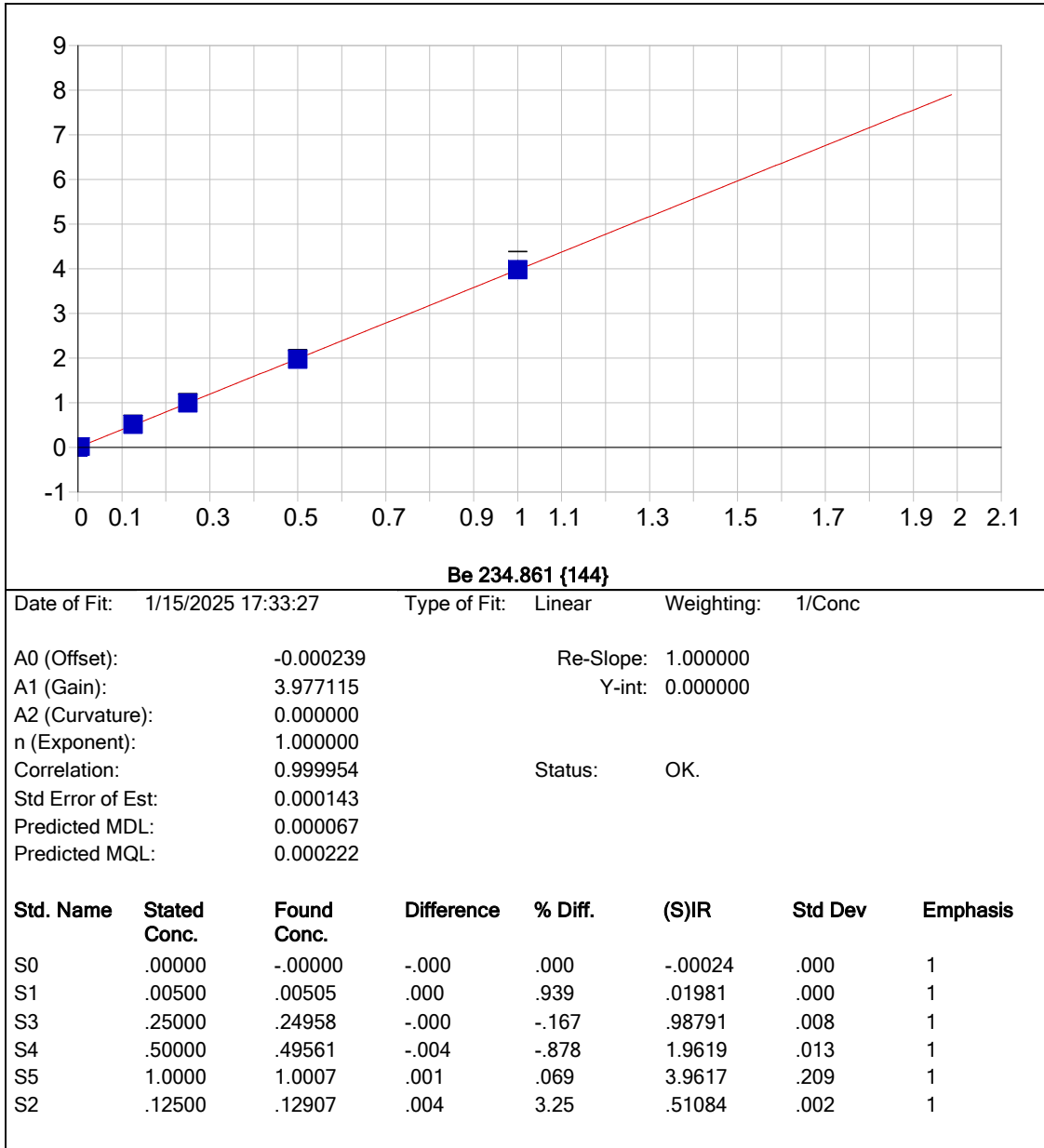


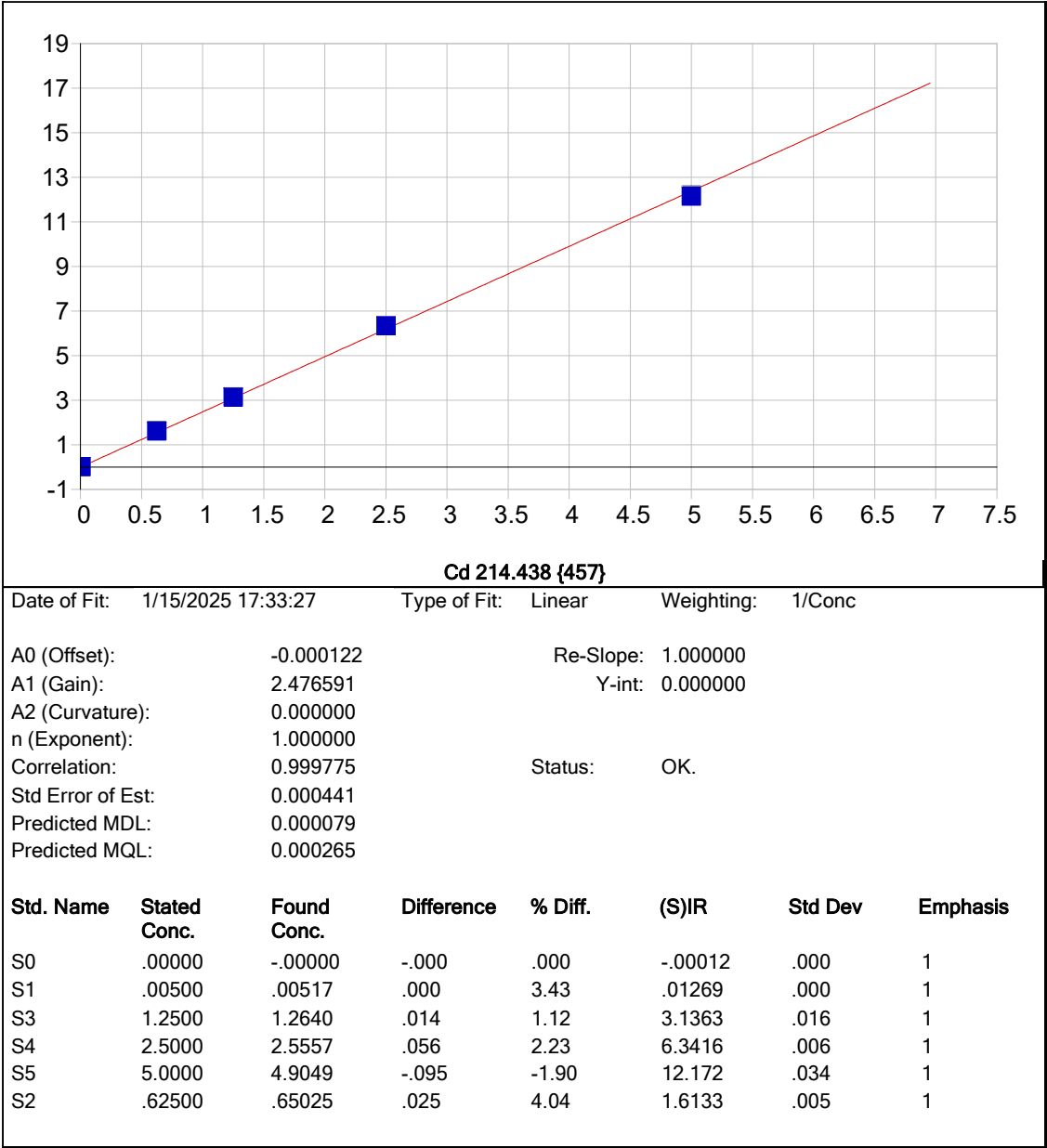


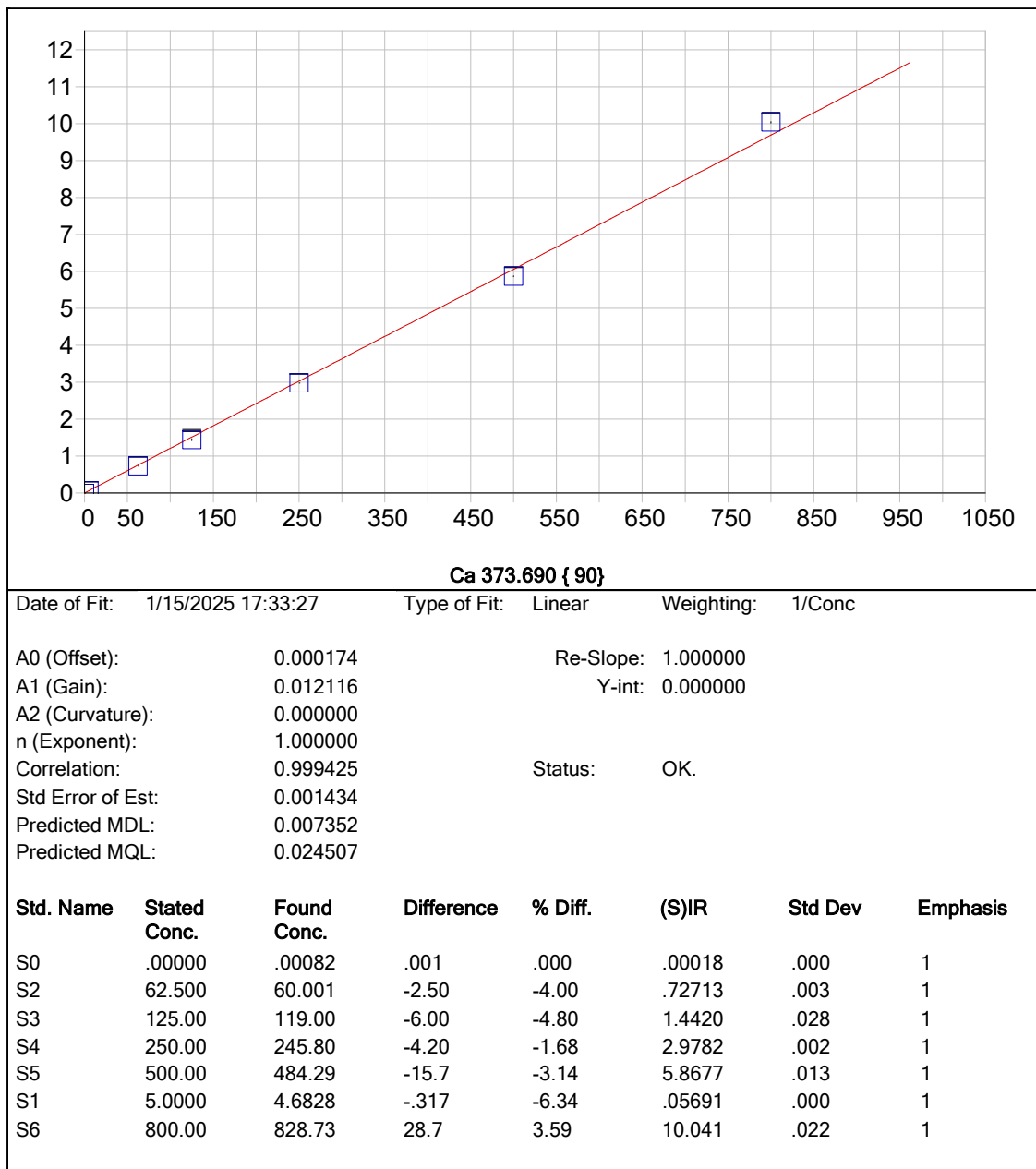


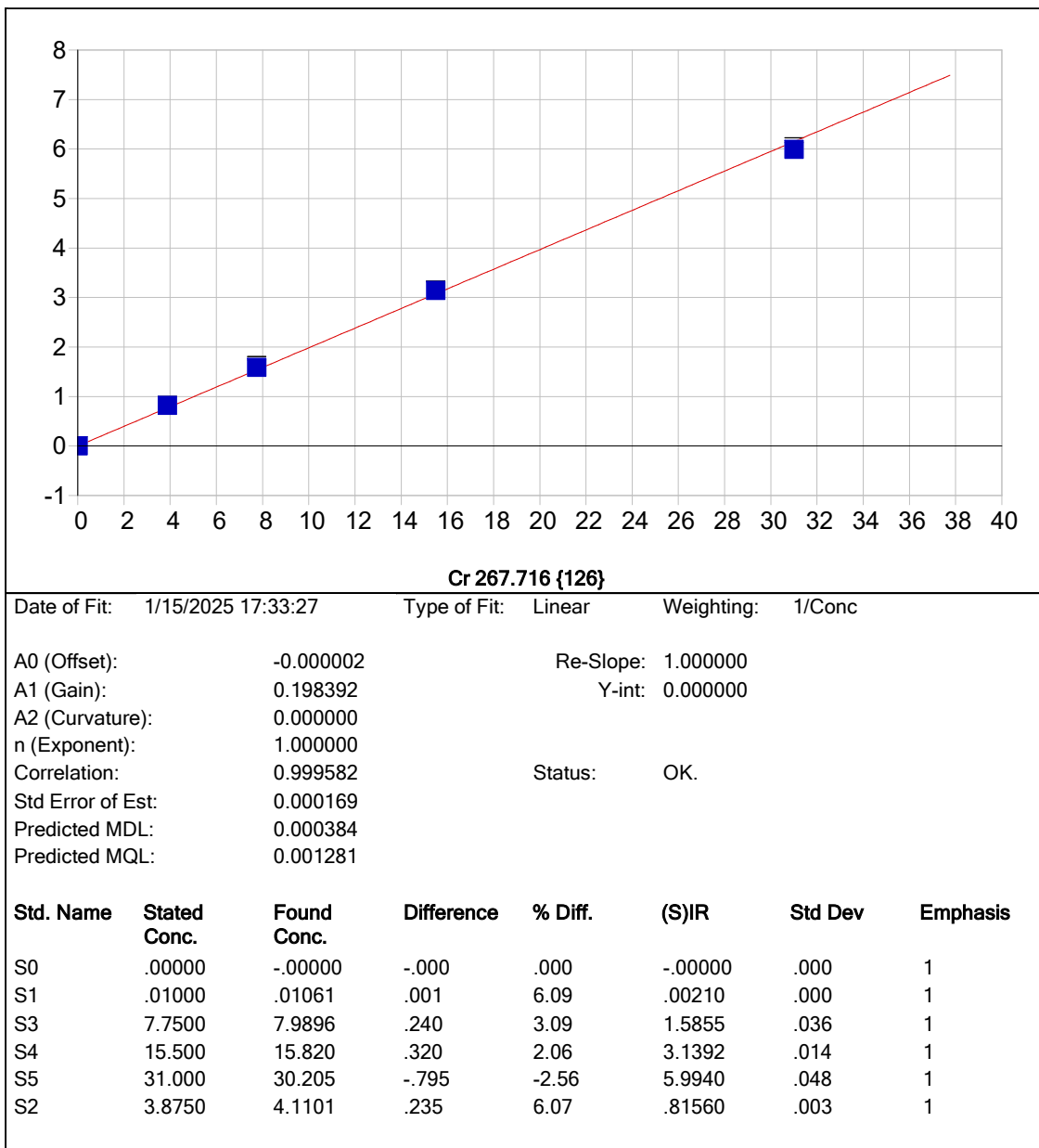


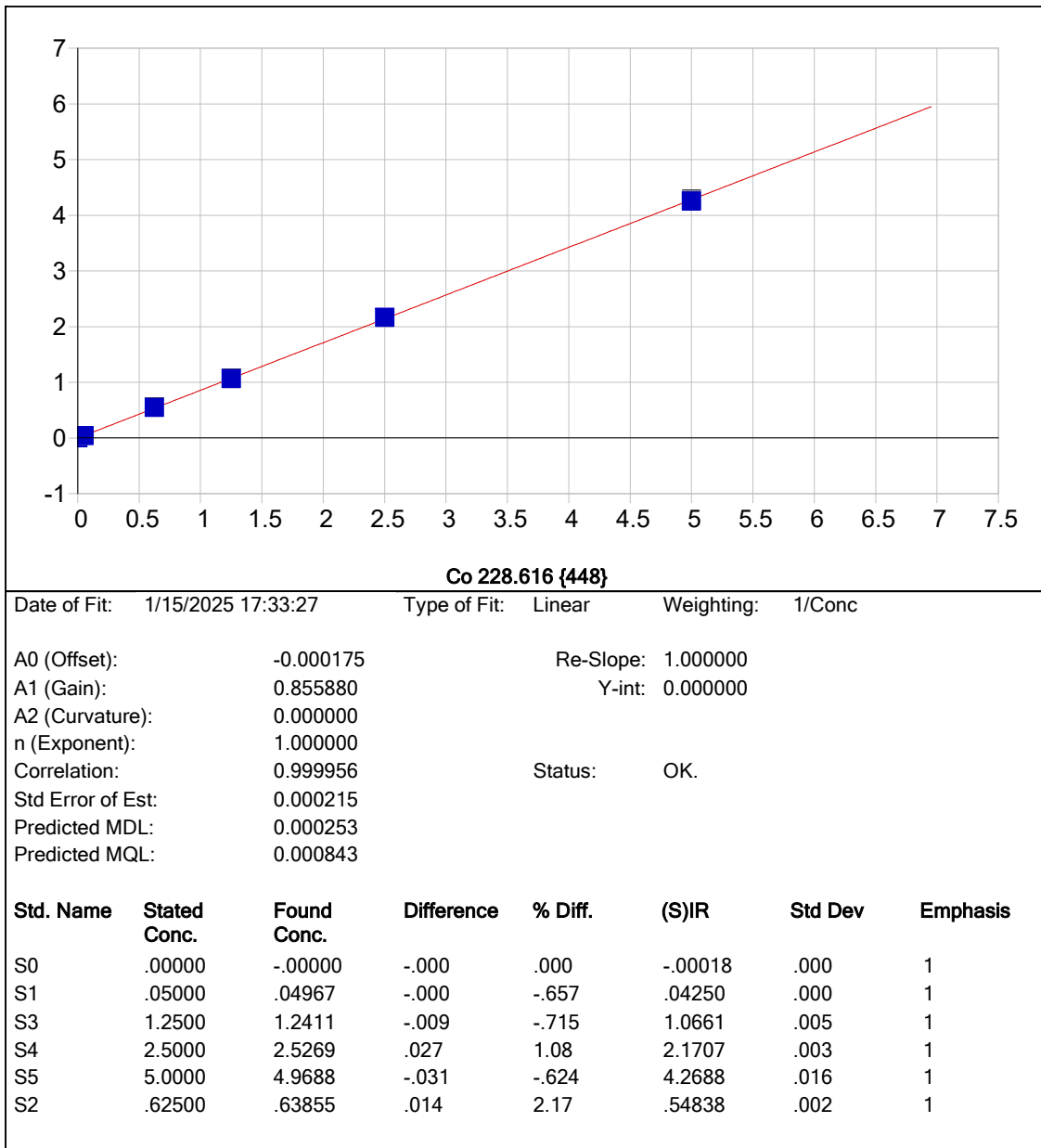


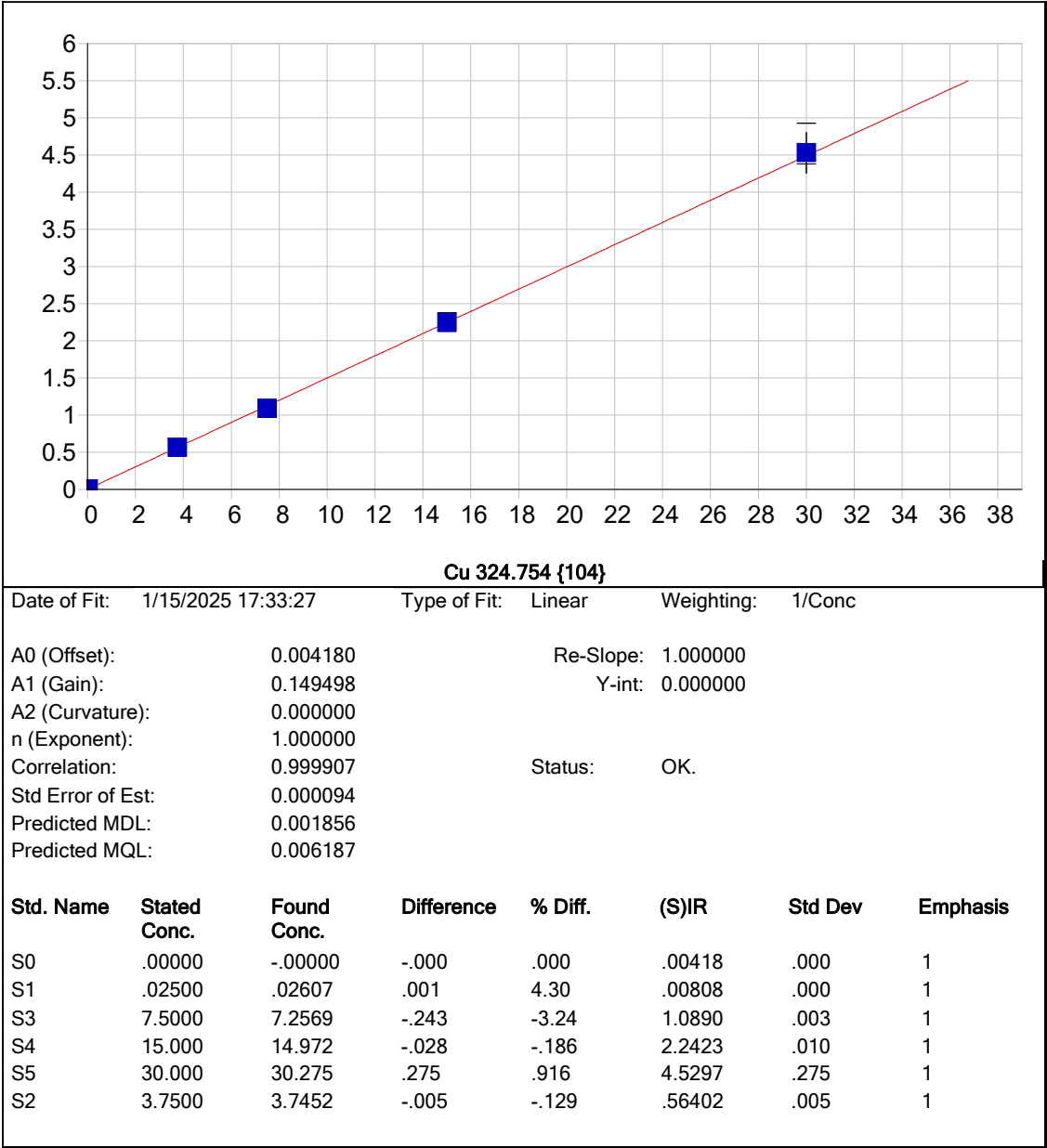


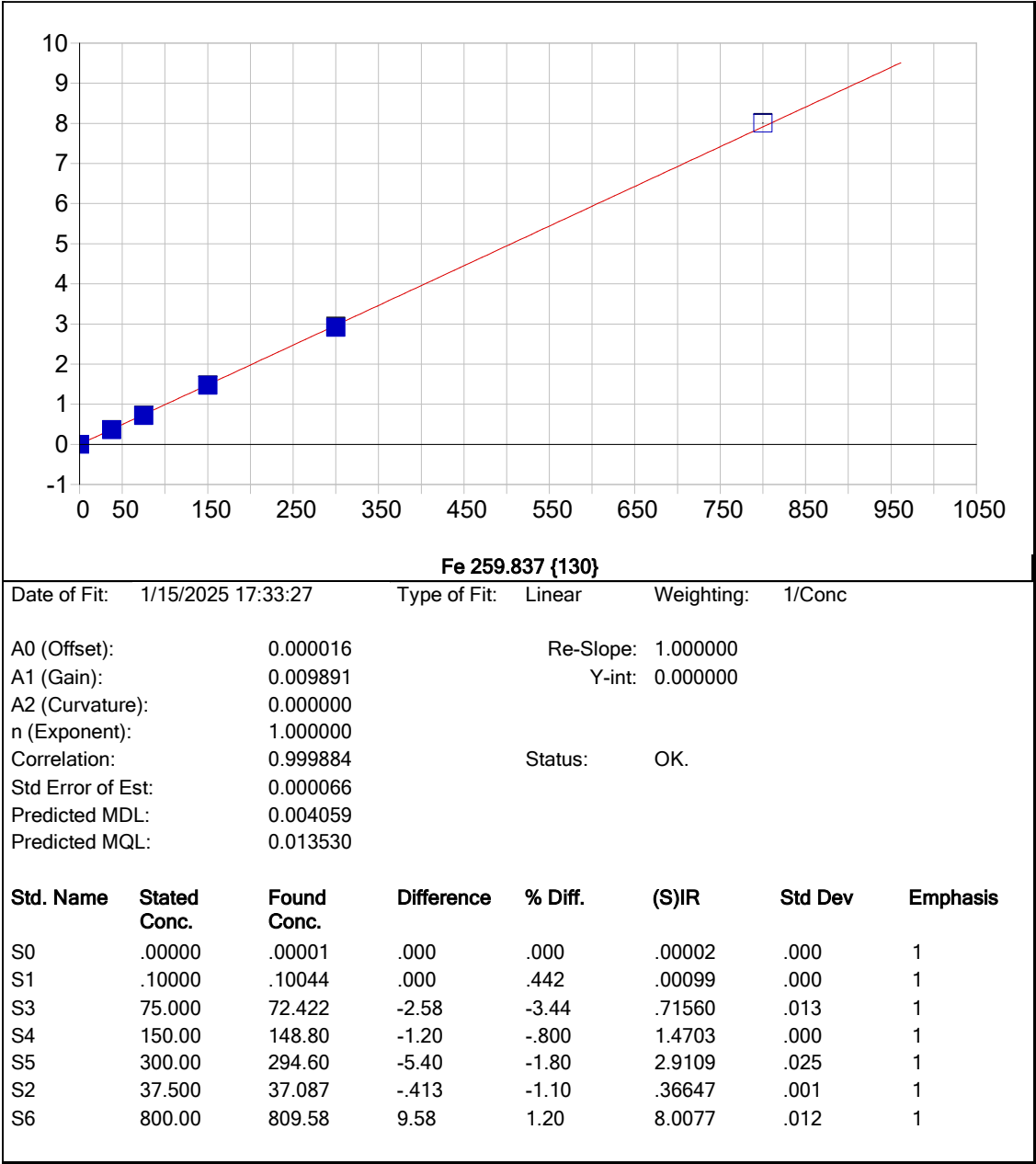






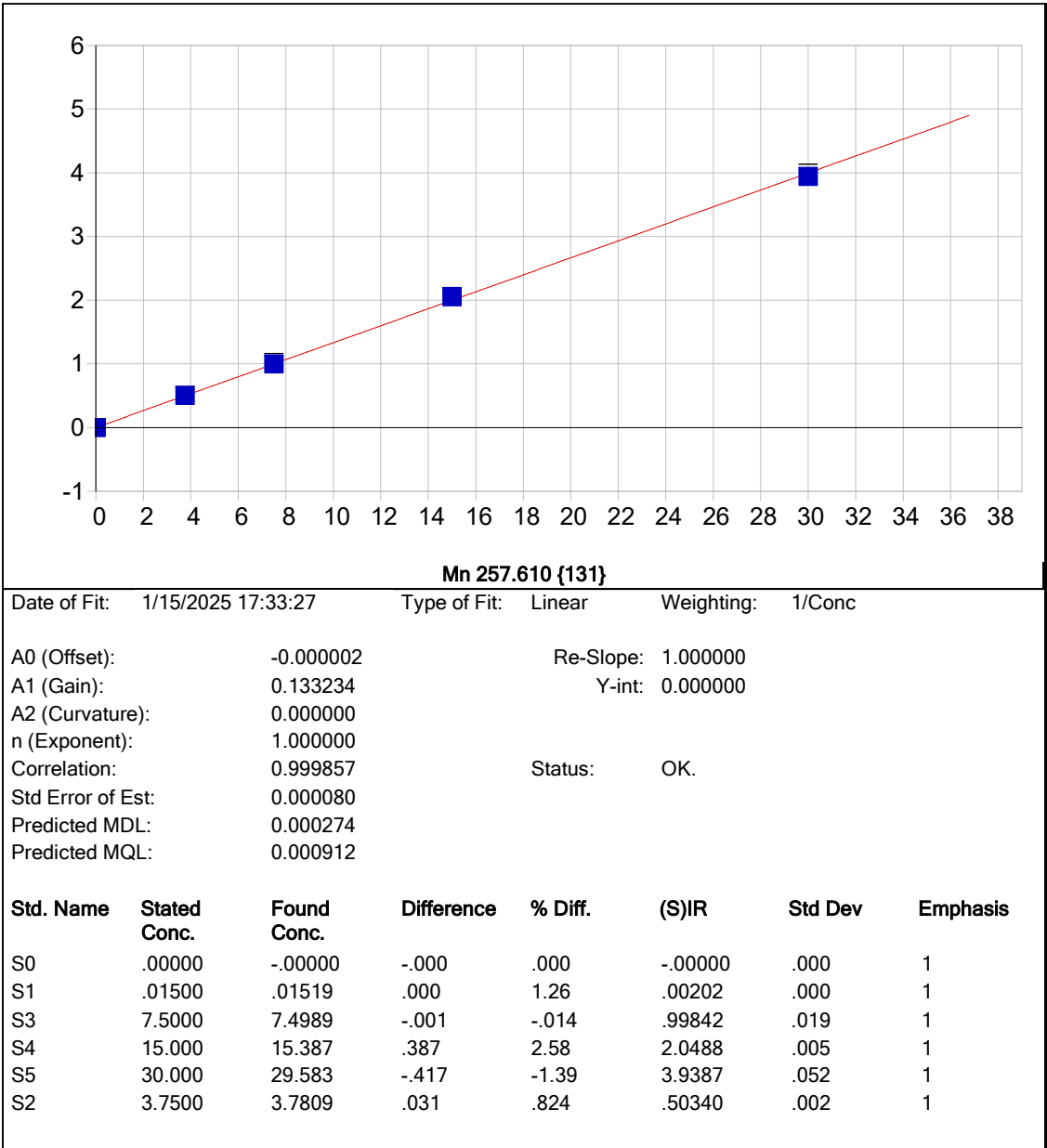


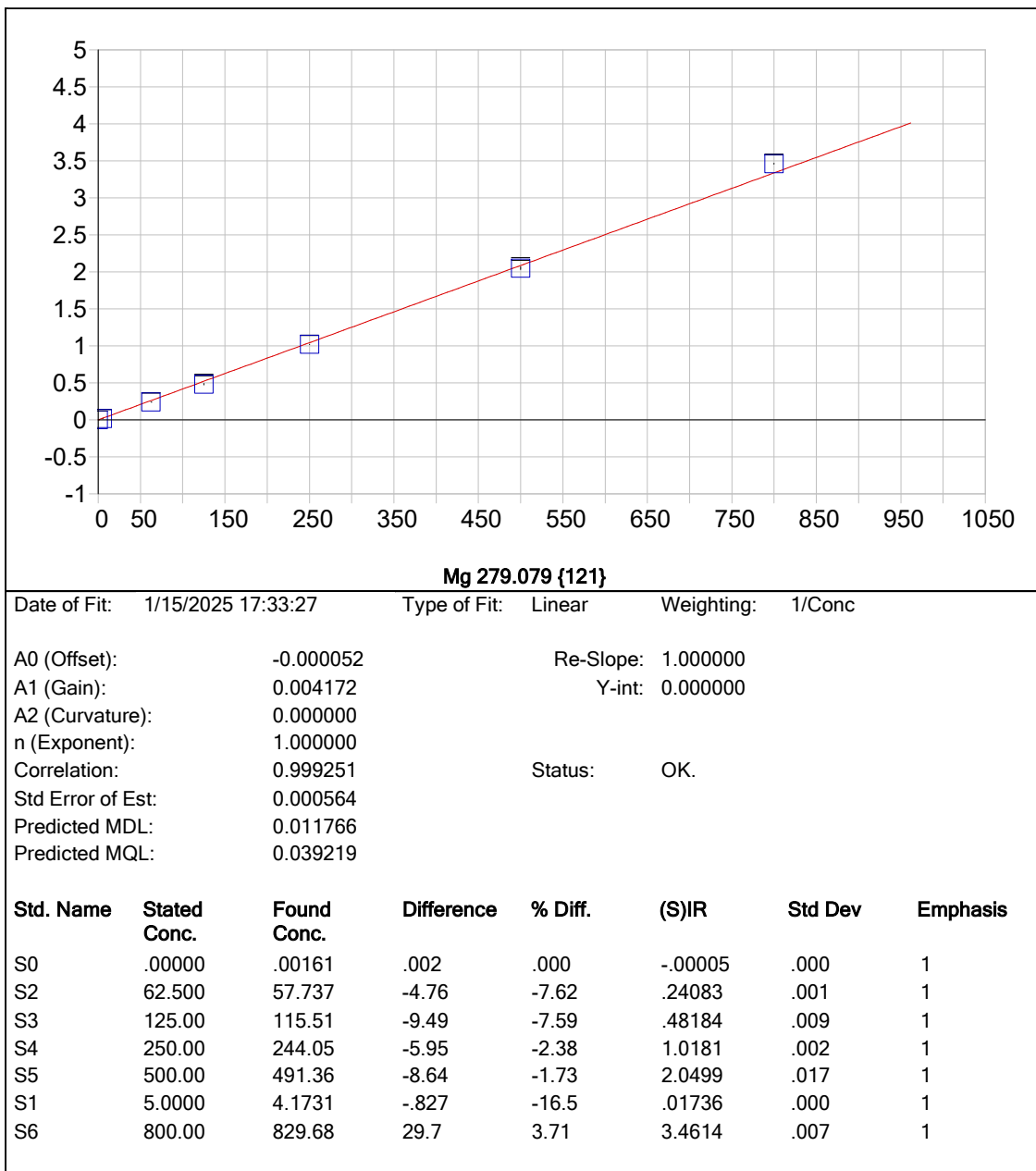


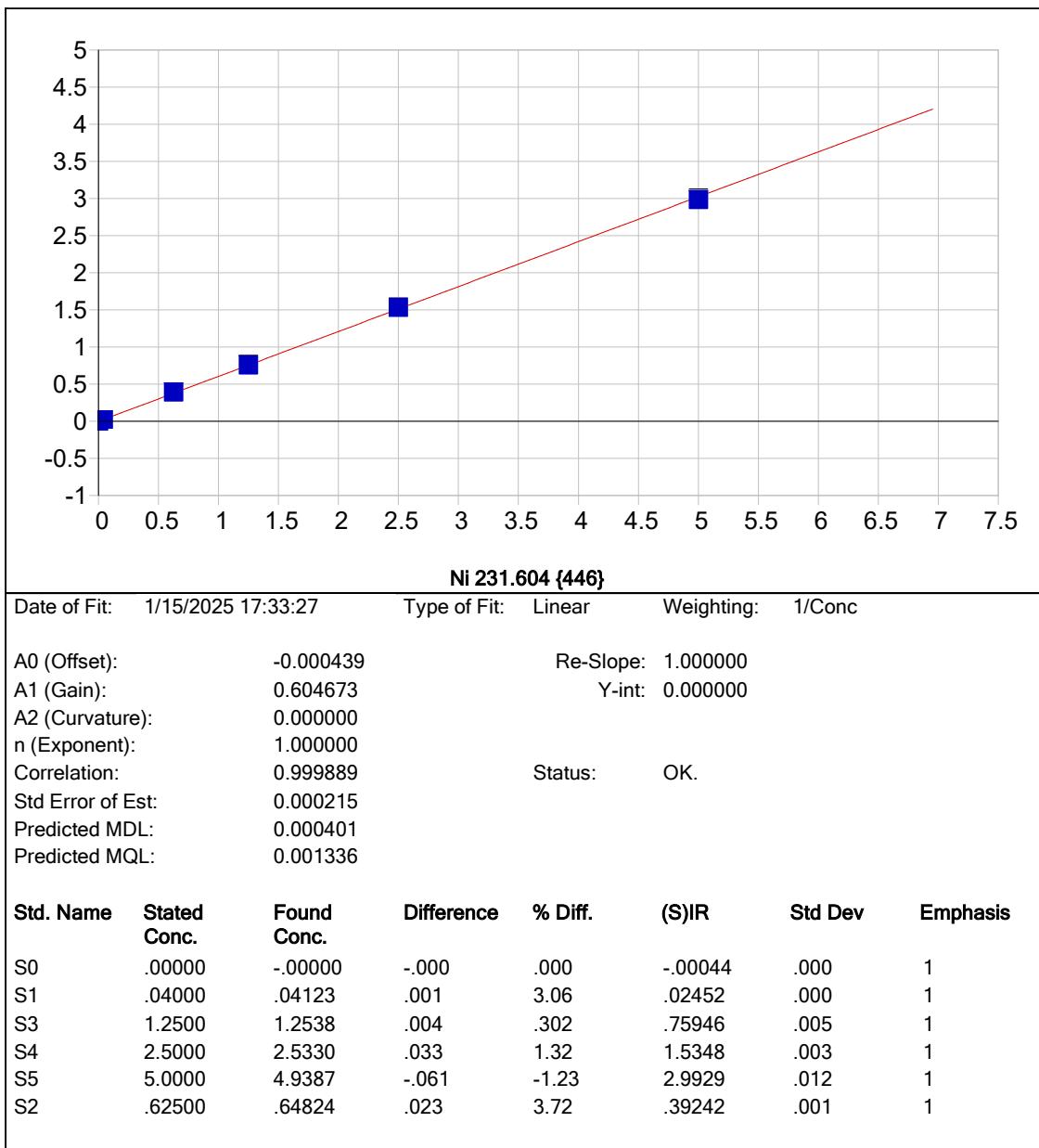


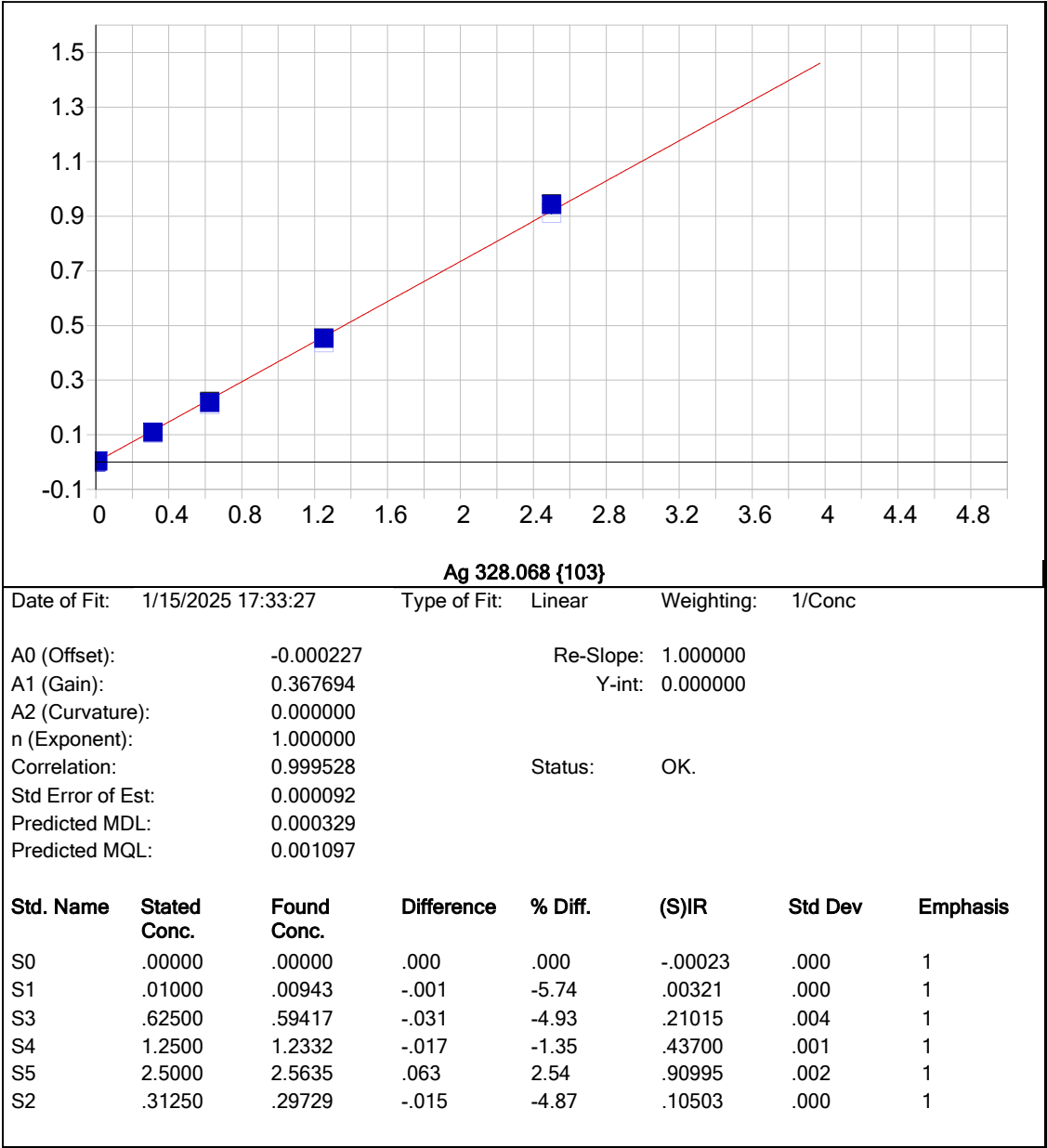
Date of Fit: 1/15/2025 17:33:27      Type of Fit: Linear      Weighting: 1/Conc

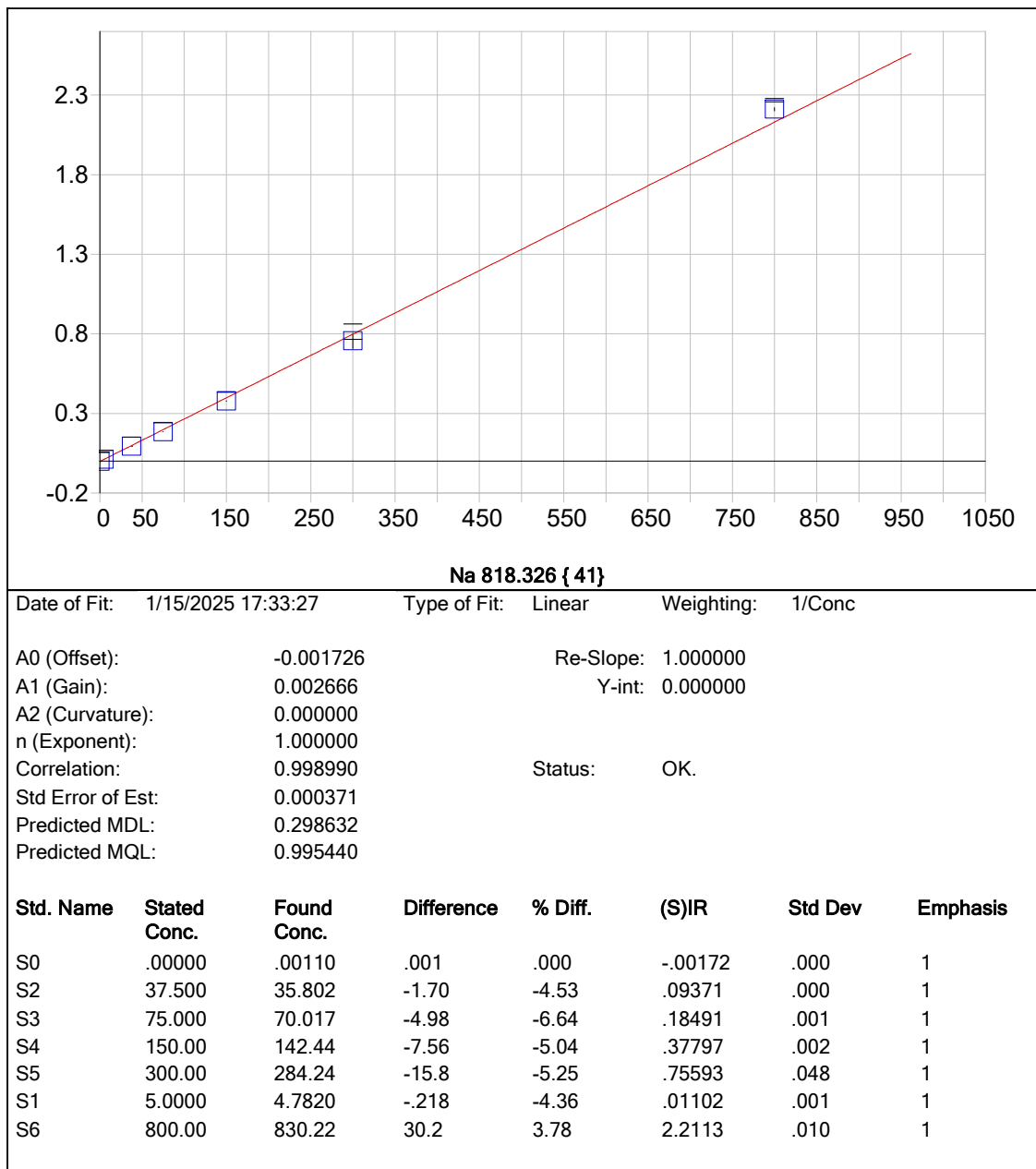
A0 (Offset): 0.000016      Re-Slope: 1.000000  
A1 (Gain): 0.009891      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999884      Status: OK.  
Std Error of Est: 0.000066  
Predicted MDL: 0.004059  
Predicted MQL: 0.013530

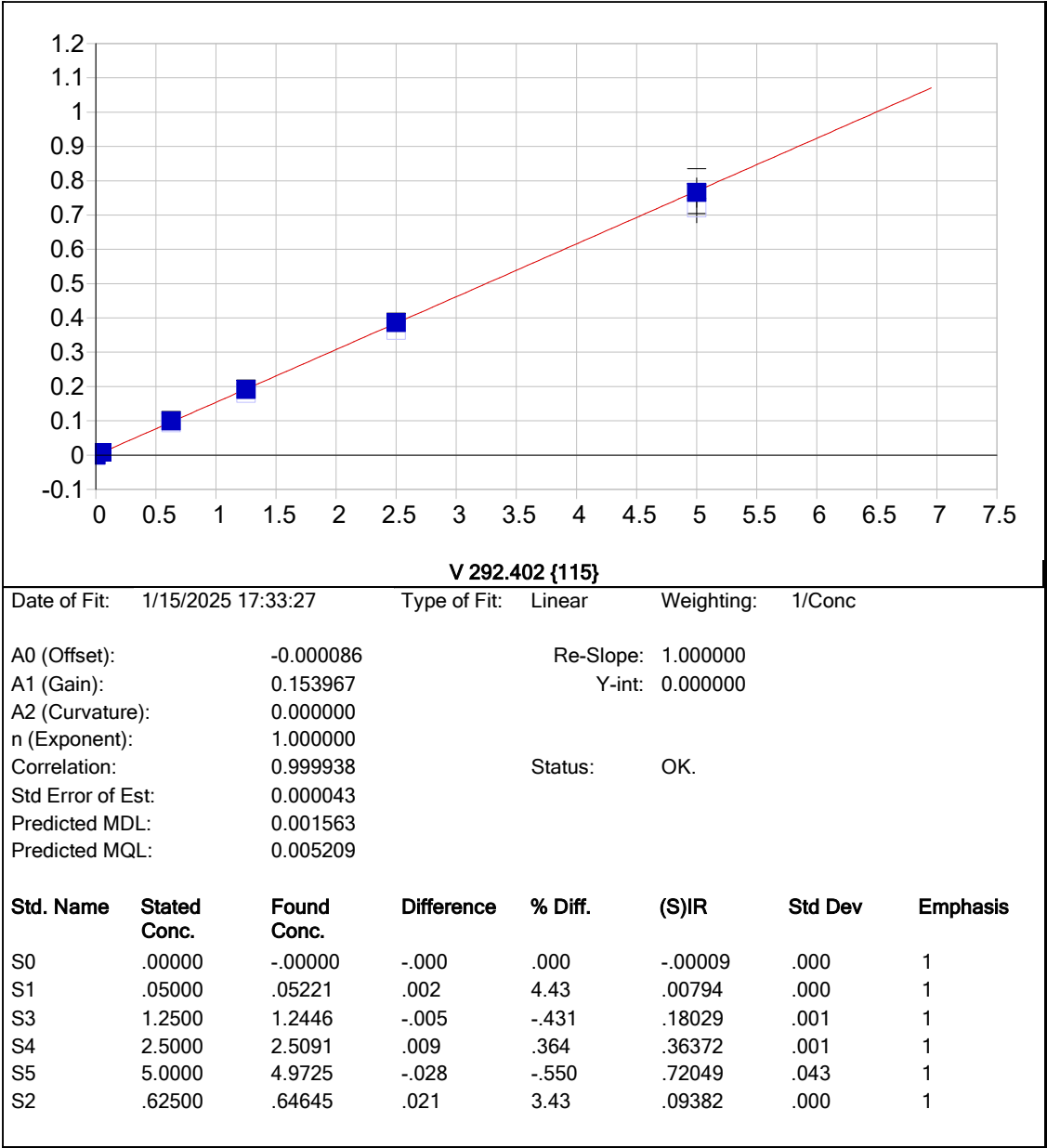


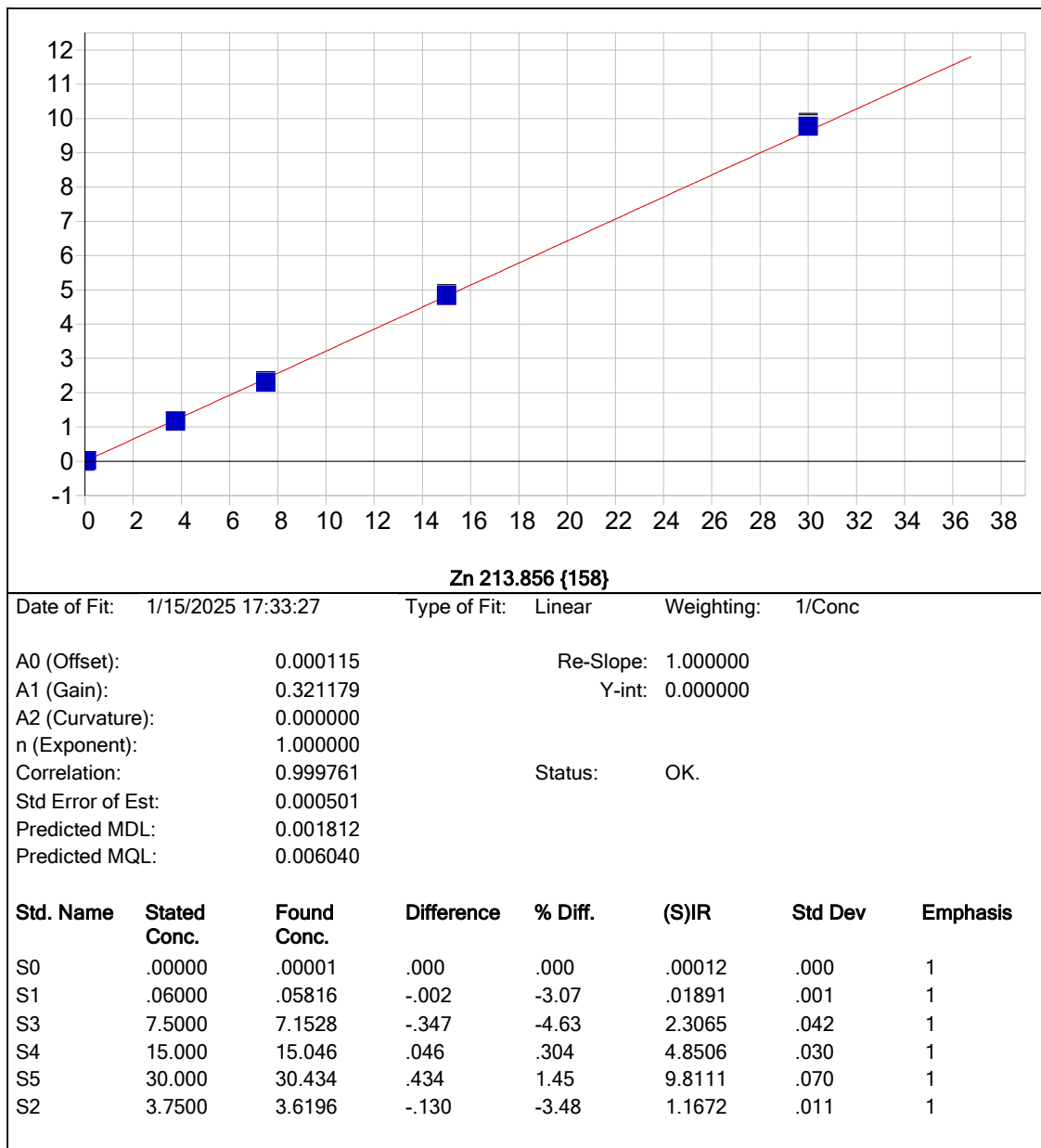


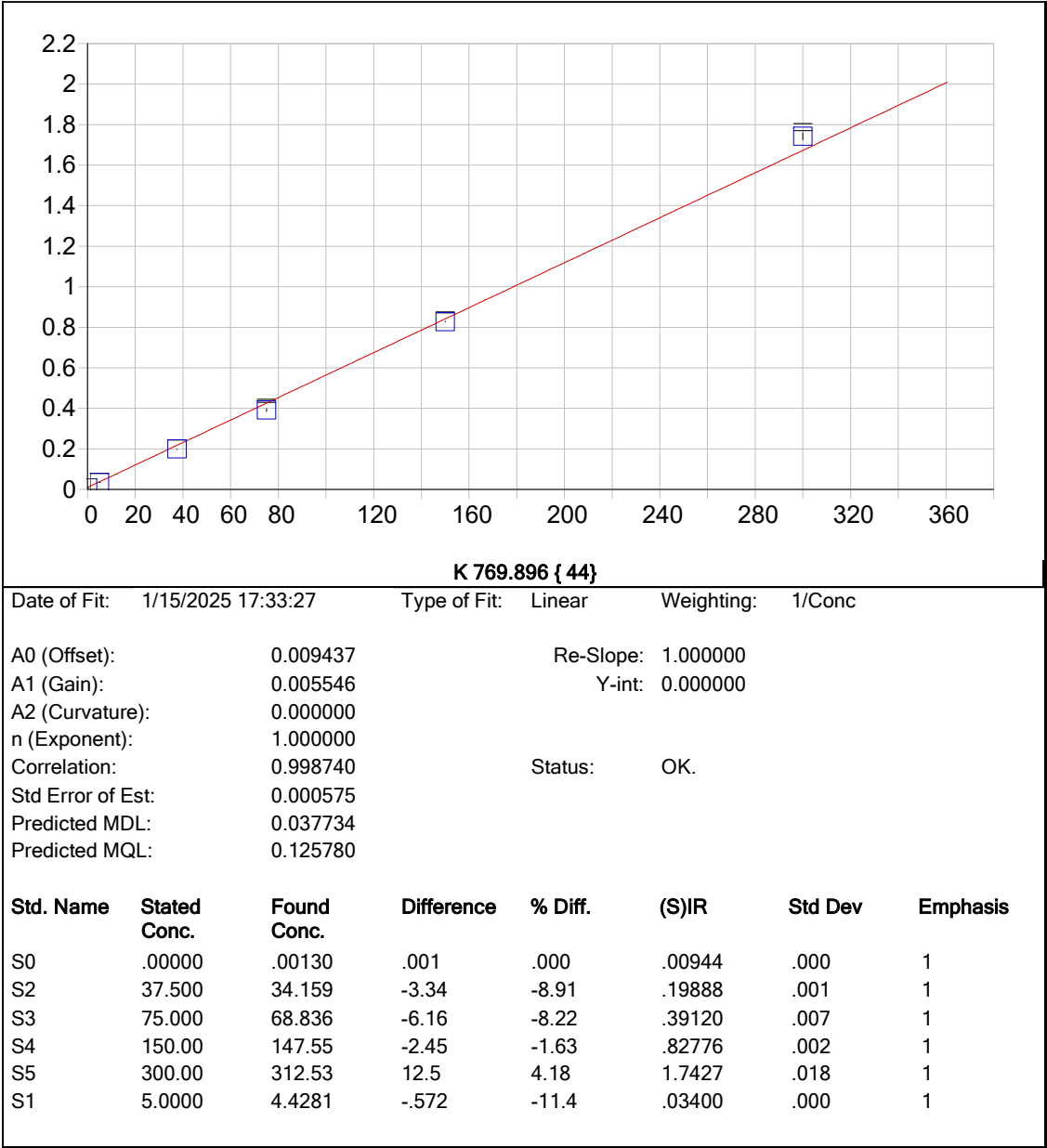


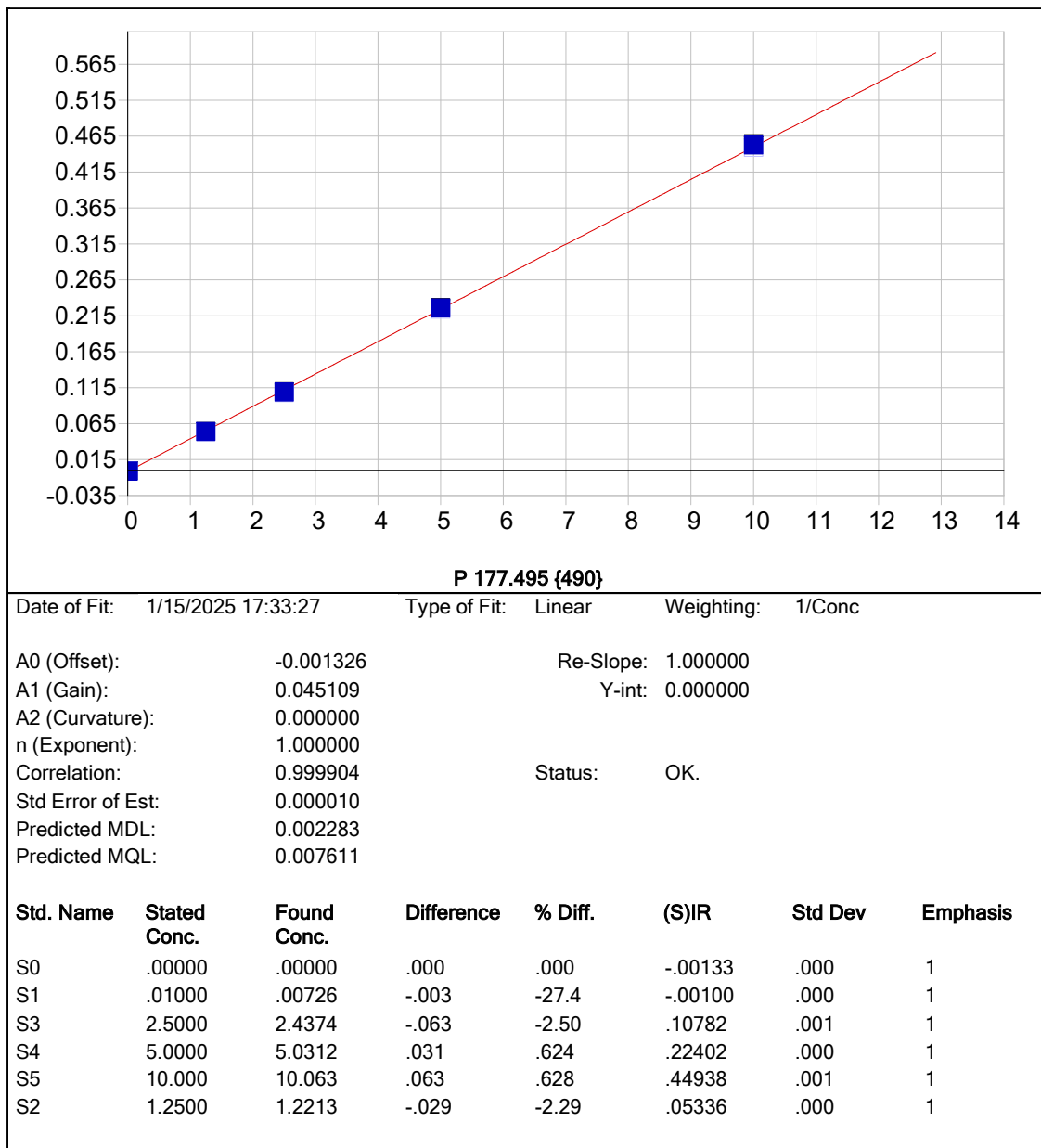


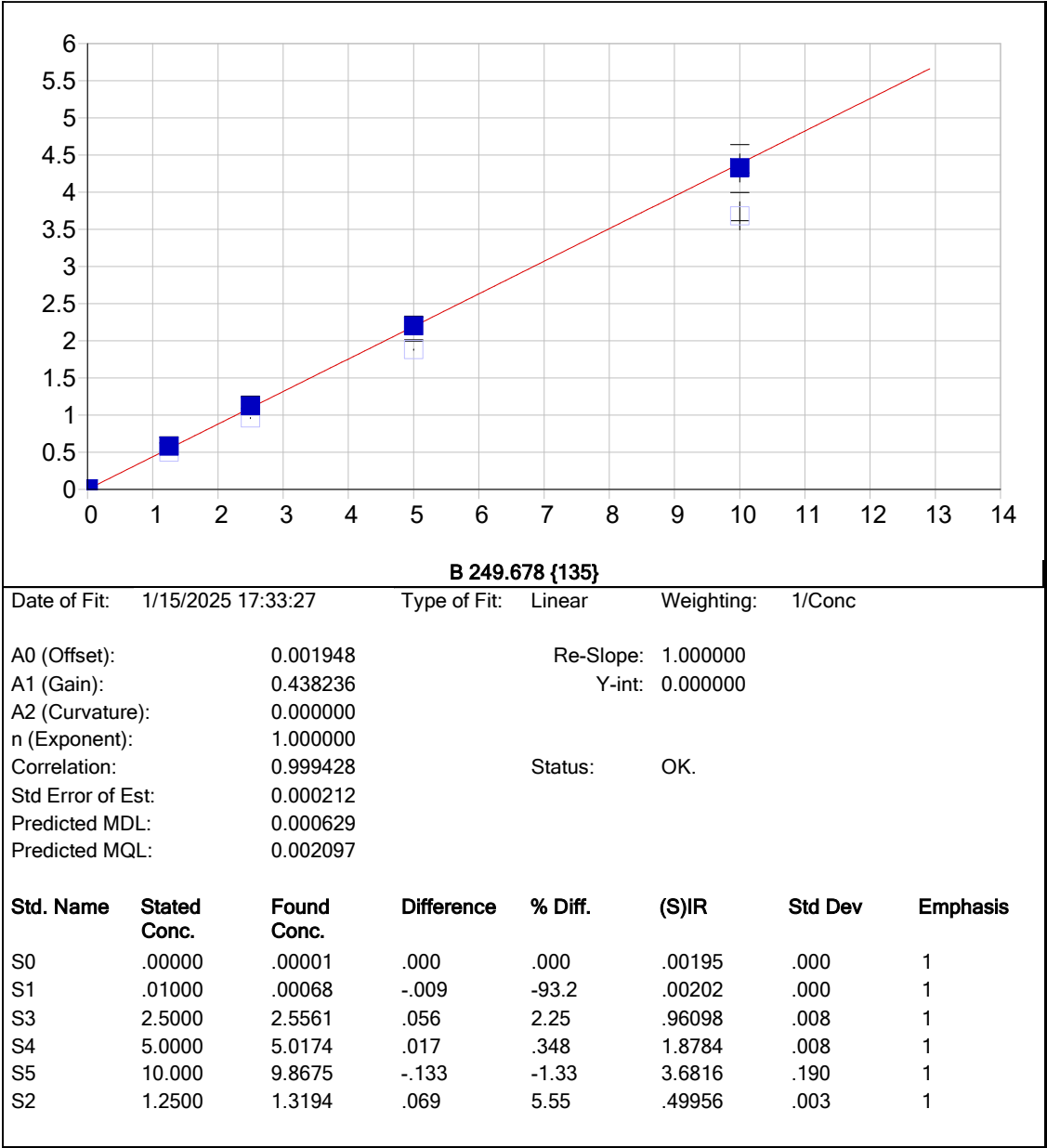


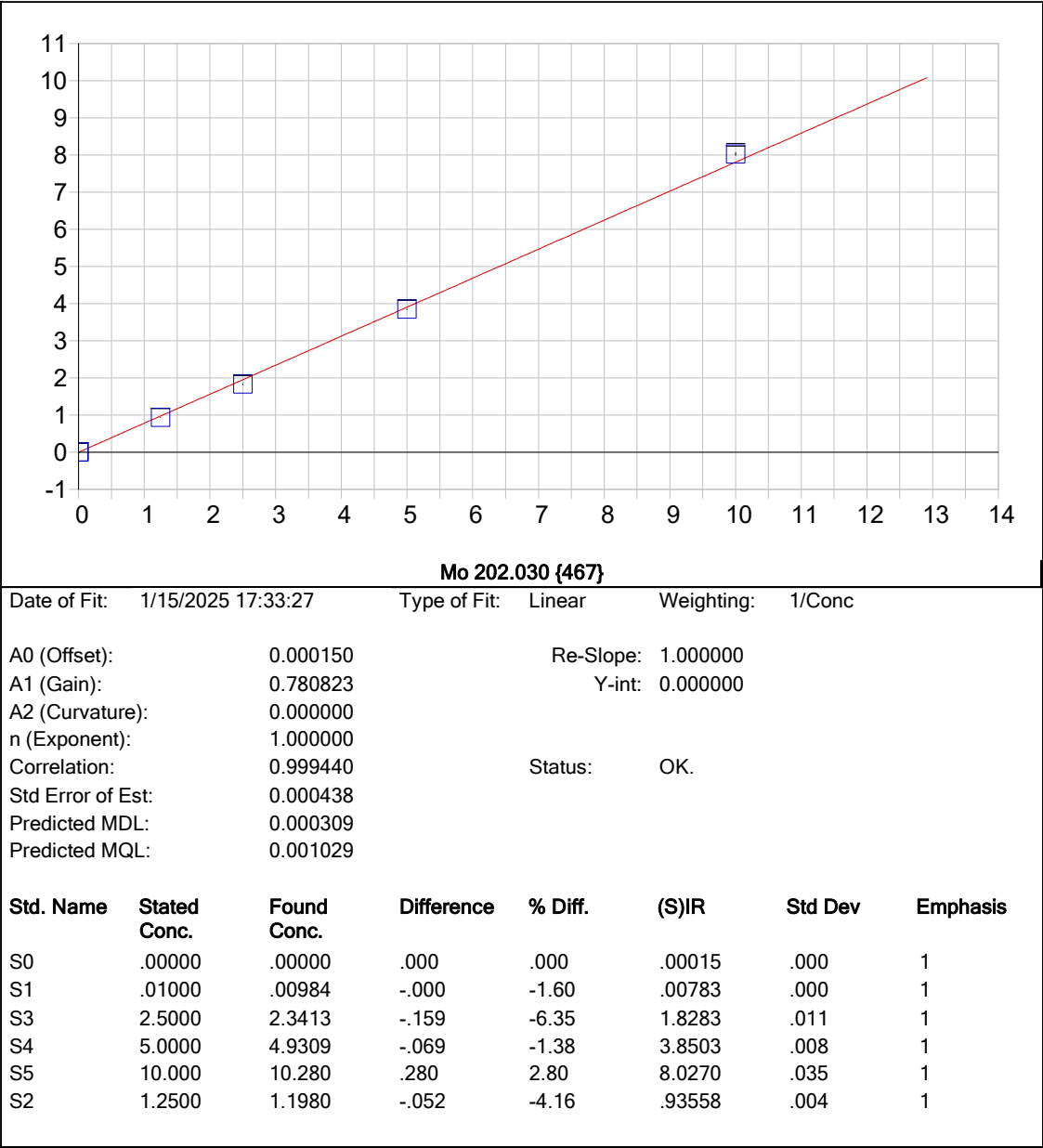


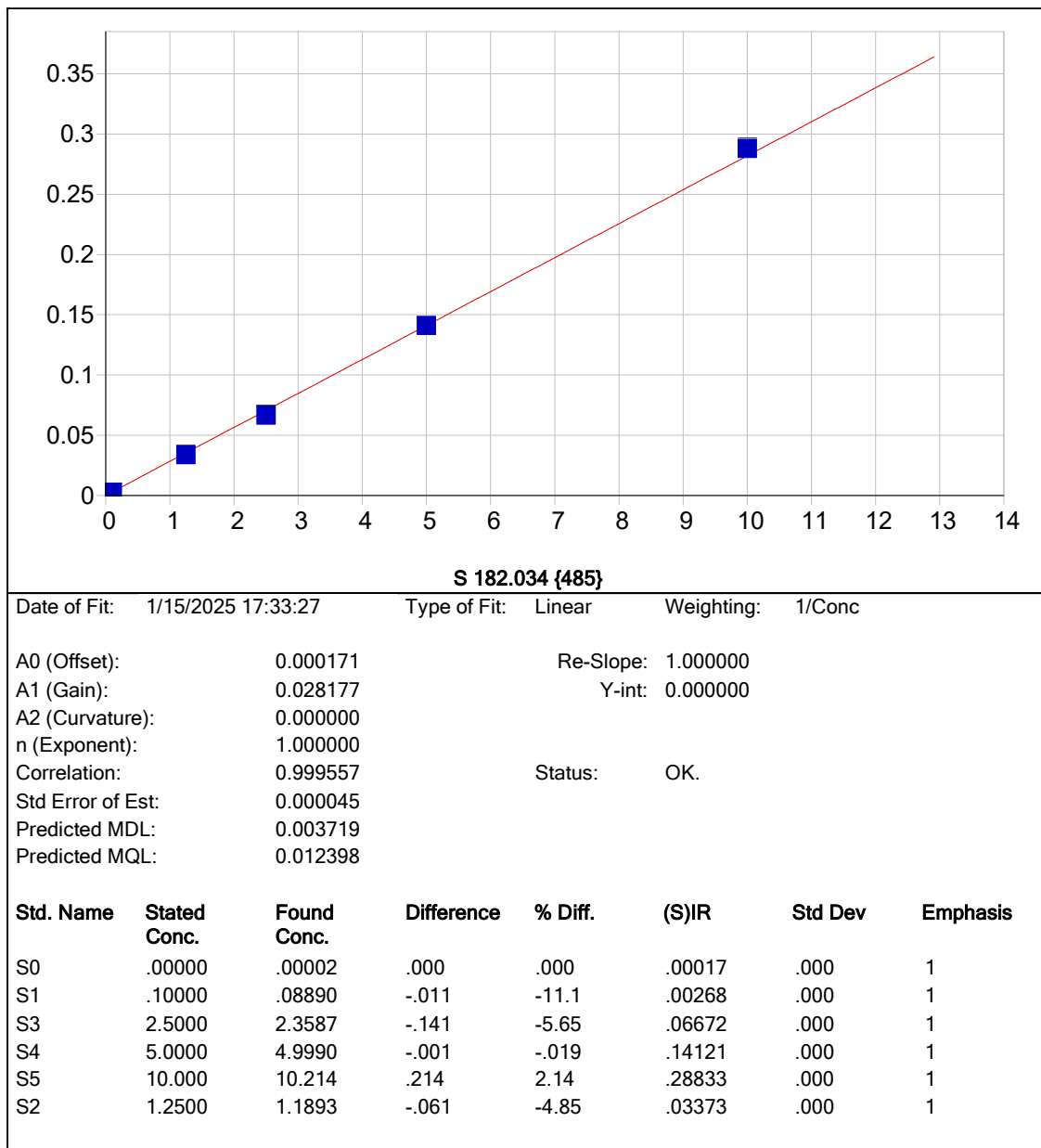


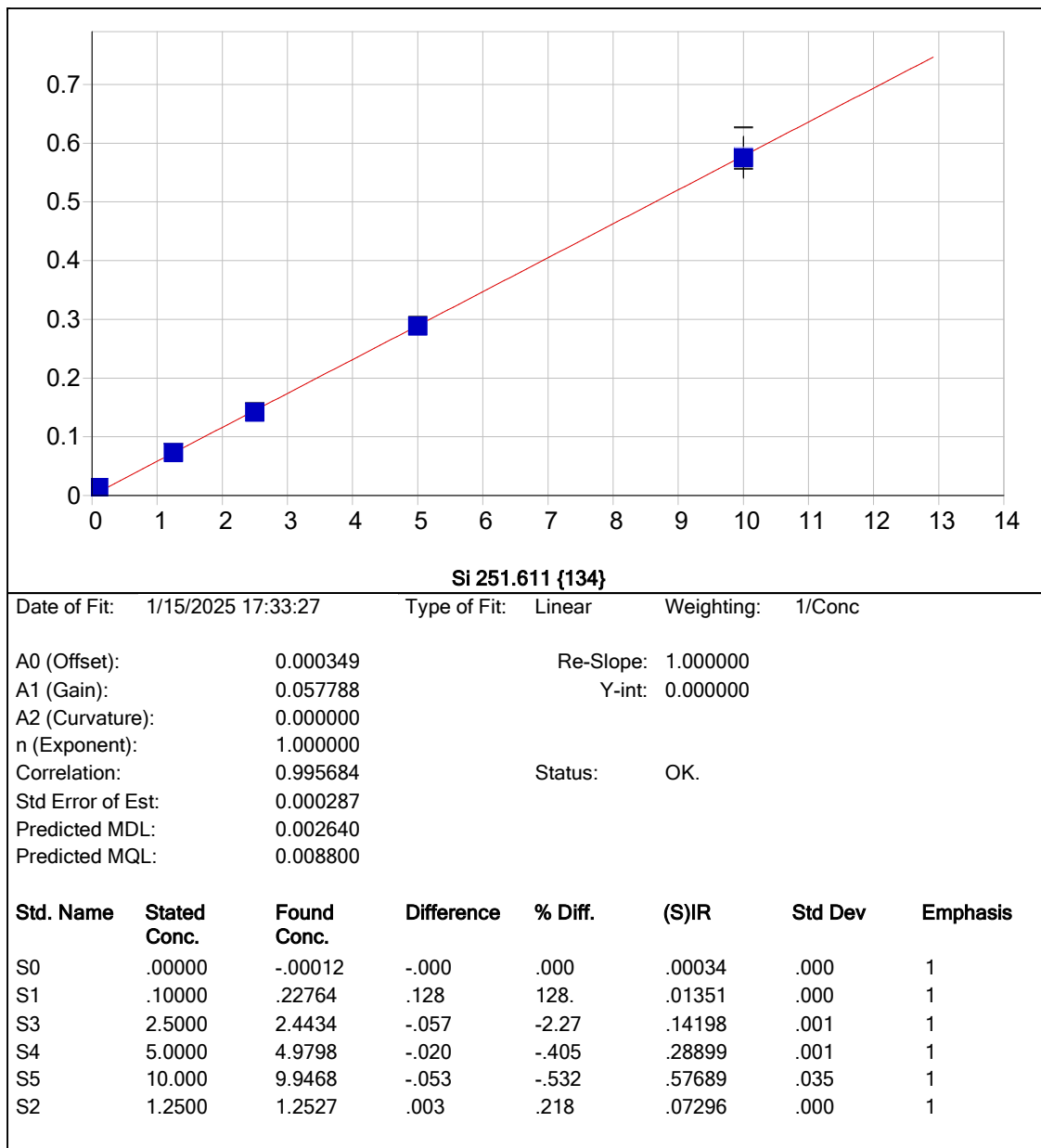


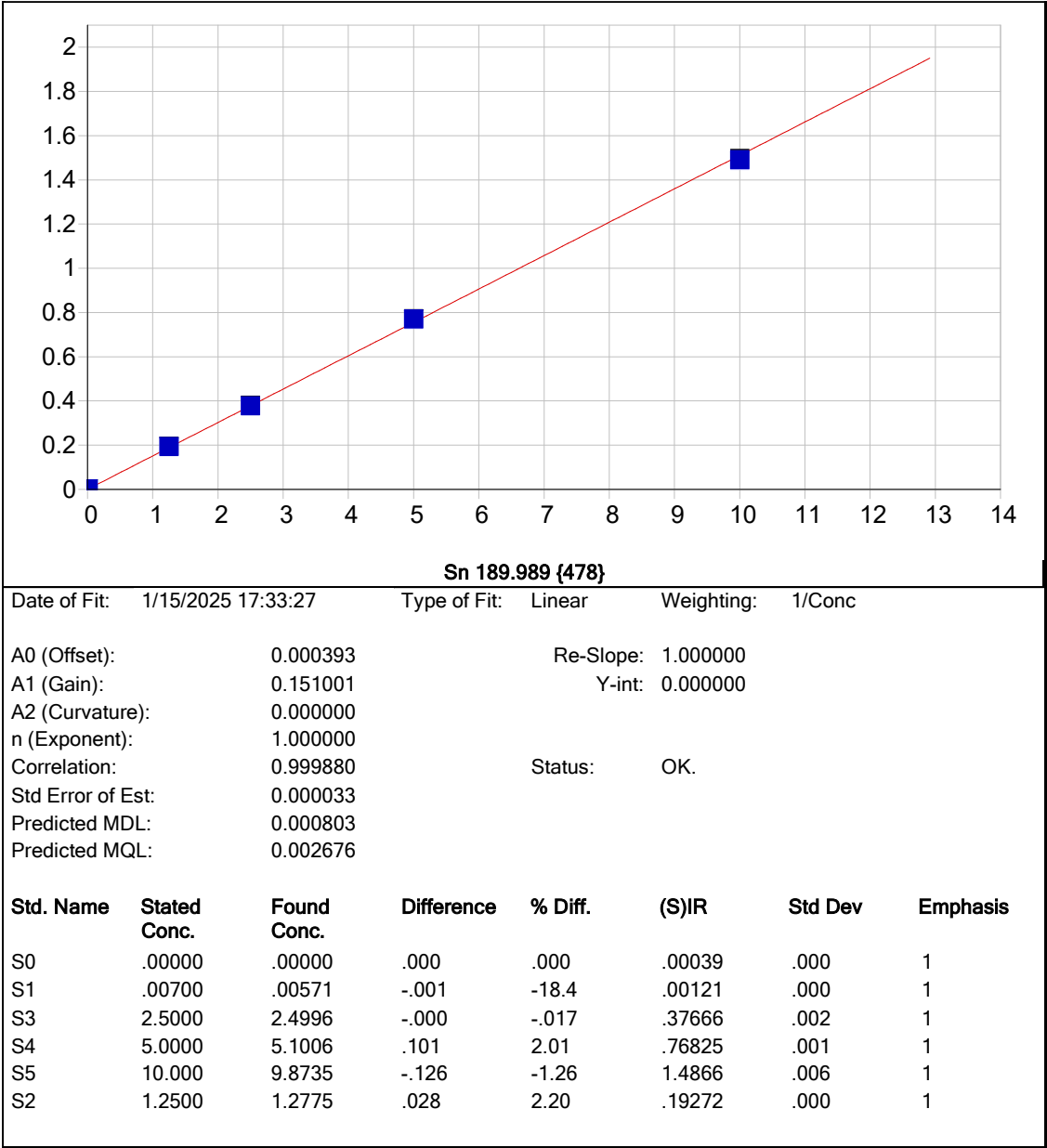


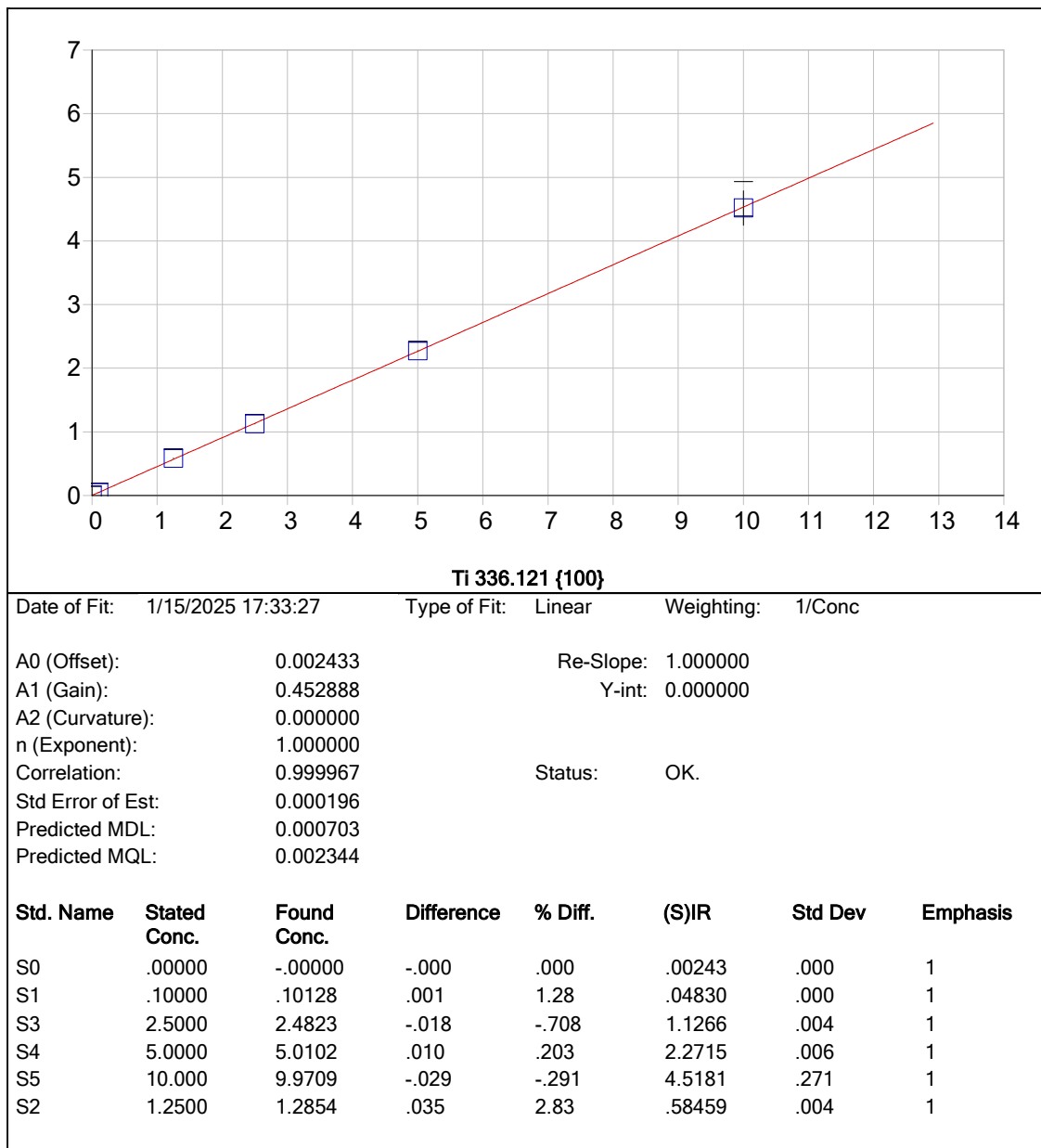


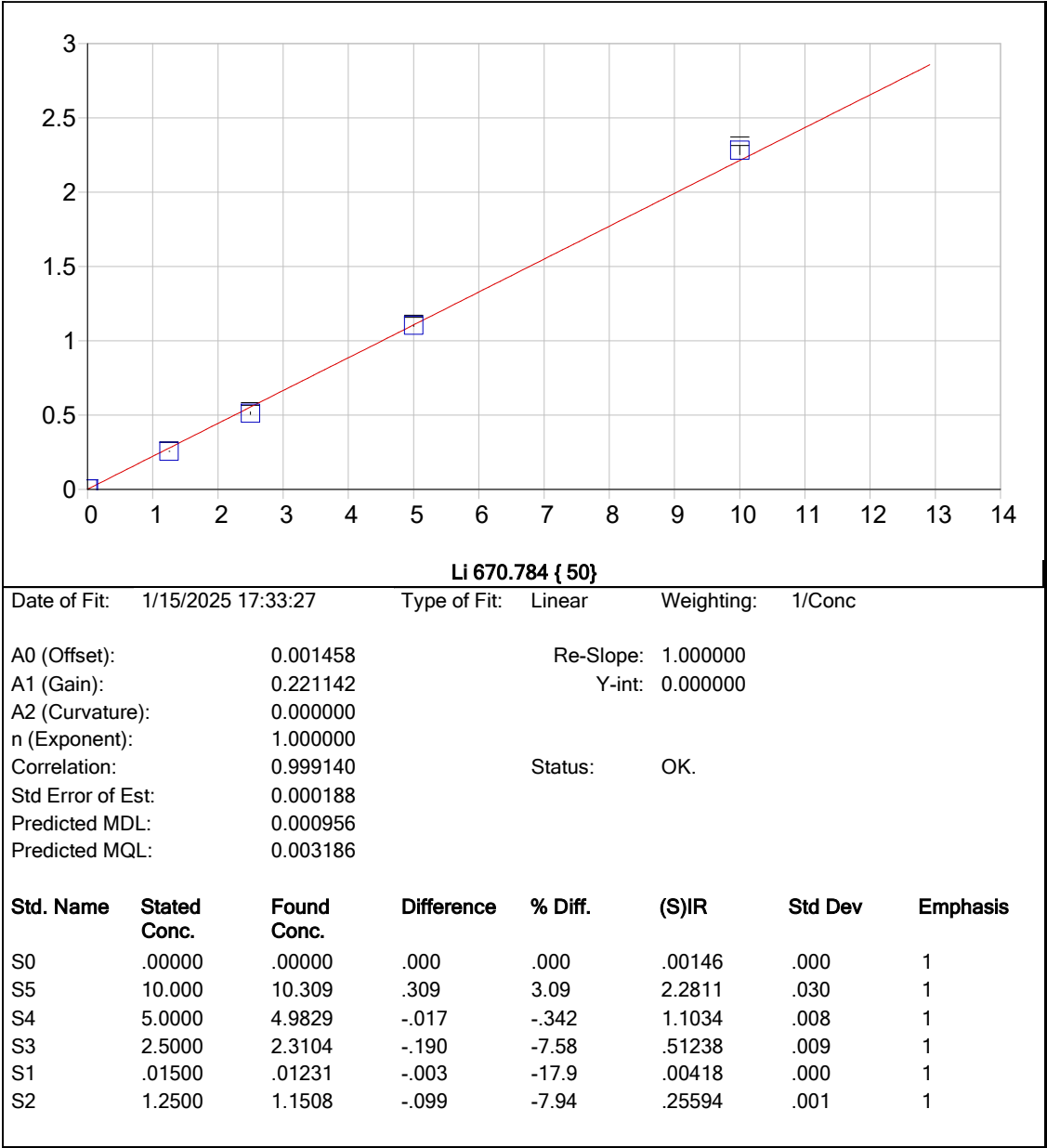


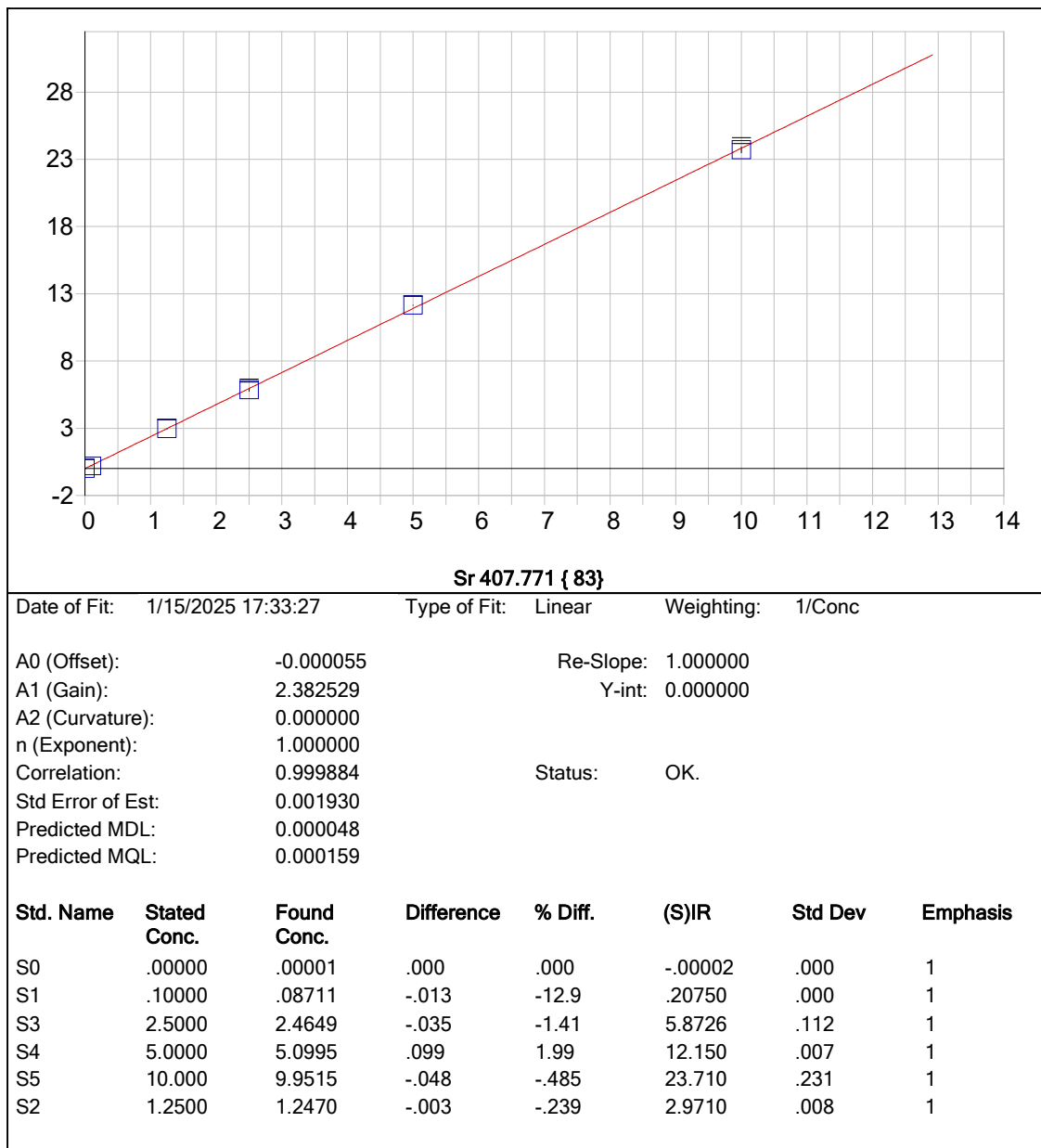


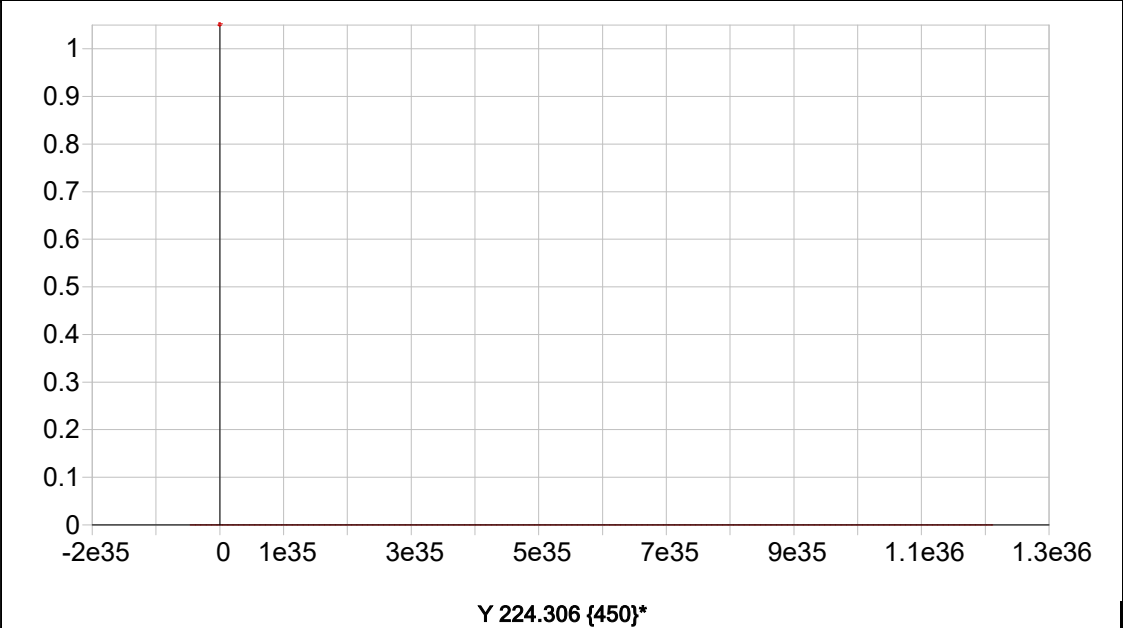






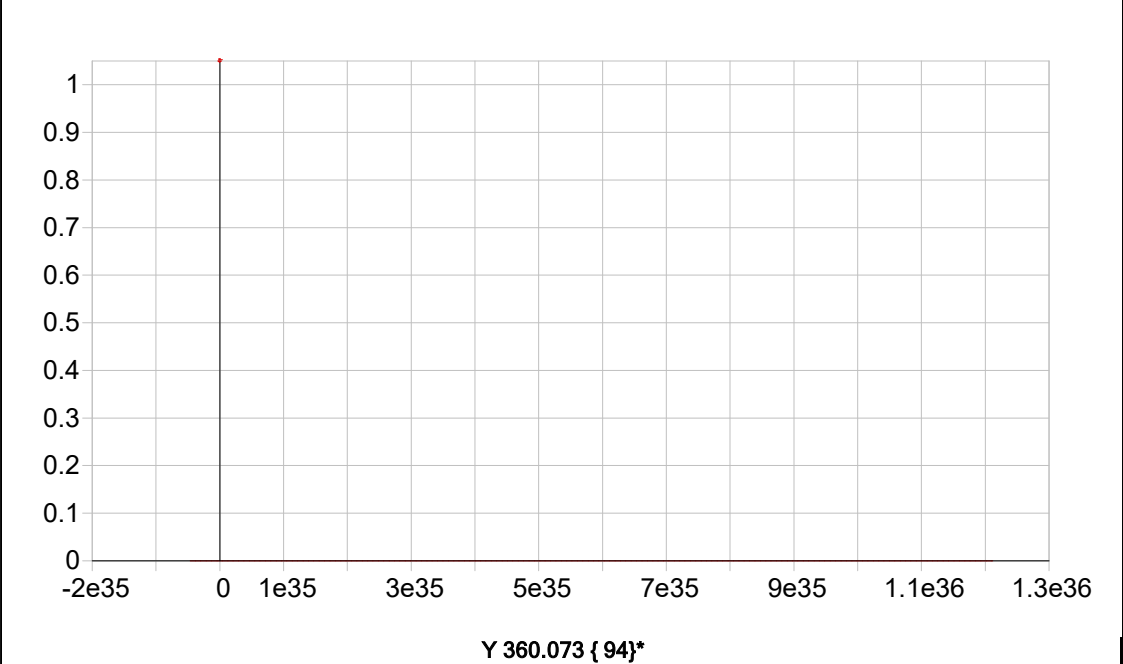






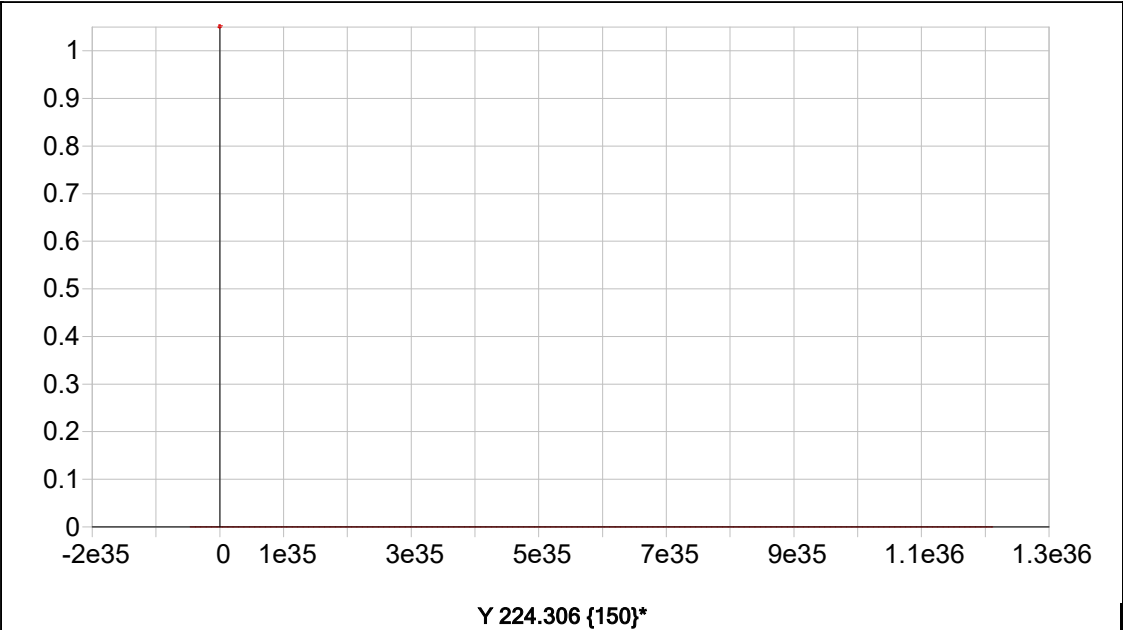
|                   |                    |              |          |            |        |
|-------------------|--------------------|--------------|----------|------------|--------|
| Date of Fit:      | 1/15/2025 17:33:27 | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000           | Re-Slope:    | 1.000000 |            |        |
| A1 (Gain):        | 0.000000           | Y-int:       | 0.000000 |            |        |
| A2 (Curvature):   | 0.000000           |              |          |            |        |
| n (Exponent):     | 1.000000           |              |          |            |        |
| Correlation:      | 0.000000           | Status:      | Warning  | Zero Gain  |        |
| Std Error of Est: | 0.000000           |              |          |            |        |
| Predicted MDL:    | n/a                |              |          |            |        |
| Predicted MQL:    | n/a                |              |          |            |        |

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



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





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

| Std. Name                                                                                                                                                                                                                                | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|------------|---------|-------|---------|----------|
| <p>A line graph showing a single data point at the origin (0, 0). The y-axis ranges from 0 to 1.0 with increments of 0.1. The x-axis ranges from -2e35 to 1.3e36 with major ticks every 2e35. A single red dot is plotted at (0, 0).</p> |              |             |            |         |       |         |          |
| ln 230.606 {446}*                                                                                                                                                                                                                        |              |             |            |         |       |         |          |

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

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

Sample Name: S0      Acquired: 1/15/2025 12:32:41      Type: Cal  
Method: EPA SFAM01.0(v46)      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    | -.00011 | .00028  | -.00022 | .00029  | .00022  | .00002  | .00125  | -.00024 |
| Stddev | .00012  | .00002  | .00016  | .00007  | .00002  | .00006  | .00041  | .00023  |
| %RSD   | 113.47  | 8.1578  | 73.304  | 23.671  | 10.532  | 369.10  | 32.617  | 94.489  |
| #1     | -.00008 | .00026  | -.00011 | .00021  | .00020  | -.00005 | .00085  | -.00050 |
| #2     | -.00000 | .00030  | -.00015 | .00033  | .00024  | .00002  | .00166  | -.00007 |
| #3     | -.00025 | .00029  | -.00041 | .00032  | .00021  | .00008  | .00124  | -.00015 |
| 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    | -.00012 | .00018  | -.00000 | -.00018 | .00418  | .00002  | -.00000 | -.00005 |
| Stddev | .00003  | .00004  | .00002  | .00014  | .00026  | .00003  | .00002  | .00006  |
| %RSD   | 26.051  | 23.401  | 975.01  | 77.988  | 6.2355  | 174.52  | 937.73  | 141.92  |
| #1     | -.00014 | .00023  | -.00000 | -.00026 | .00395  | .00003  | -.00002 | .00002  |
| #2     | -.00009 | .00018  | -.00002 | -.00025 | .00413  | -.00002 | .00002  | -.00011 |
| #3     | -.00014 | .00014  | .00002  | -.00002 | .00446  | .00003  | -.00001 | -.00004 |
| 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    | -.00044 | -.00023 | -.00172 | -.00009 | .00012  | .00944  | -.00133 | .00195  |
| Stddev | .00009  | .00004  | .00043  | .00004  | .00026  | .00007  | .00008  | .00008  |
| %RSD   | 20.168  | 17.605  | 24.678  | 45.308  | 222.72  | .77081  | 5.7244  | 4.0239  |
| #1     | -.00054 | -.00024 | -.00165 | -.00007 | .00013  | .00945  | -.00141 | .00186  |
| #2     | -.00036 | -.00018 | -.00218 | -.00013 | .00037  | .00951  | -.00128 | .00202  |
| #3     | -.00042 | -.00026 | -.00134 | -.00005 | -.00015 | .00937  | -.00128 | .00197  |
| 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    | .00015  | .00017  | .00034  | .00039  | .00243  | .00146  | -.00002 |         |
| Stddev | .00019  | .00008  | .00020  | .00005  | .00025  | .00009  | .00011  |         |
| %RSD   | 123.34  | 46.081  | 58.891  | 12.451  | 10.443  | 6.4615  | 462.58  |         |
| #1     | -.00004 | .00010  | .00013  | .00044  | .00244  | .00156  | -.00014 |         |
| #2     | .00033  | .00016  | .00053  | .00039  | .00268  | .00143  | .00008  |         |
| #3     | .00016  | .00026  | .00037  | .00035  | .00217  | .00138  | -.00002 |         |

Sample Name: S0      Acquired: 1/15/2025 12:32:41      Type: Cal  
Method: EPA SFAM01.0(v46)      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       | 2918.4 | 61900. | 13401. | 2009.0 | 4569.1 |
| Stddev    | 7.1    | 305.   | 97.    | 17.6   | 9.1    |
| %RSD      | .24281 | .49224 | .72012 | .87671 | .19840 |
| #1        | 2911.3 | 61690. | 13394. | 1994.0 | 4558.7 |
| #2        | 2925.5 | 61761. | 13309. | 2004.6 | 4573.1 |
| #3        | 2918.5 | 62250. | 13501. | 2028.3 | 4575.4 |

Sample Name: S1      Acquired: 1/15/2025 12:36:53      Type: Cal  
Method: EPA SFAM01.0(v46)      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    | .00072 | .00188 | .00201 | .00354 | .01185 | .00338 | .11888 | .01981 |
| Stddev | .00007 | .00006 | .00004 | .00015 | .00010 | .00003 | .00066 | .00020 |
| %RSD   | 9.0971 | 3.2190 | 2.0639 | 4.2199 | .83262 | .84158 | .55895 | 1.0220 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00064 | .00188 | .00200 | .00371 | .01173 | .00338 | .11925 | .01994 |
| #2 | .00075 | .00194 | .00206 | .00346 | .01191 | .00335 | .11812 | .01991 |
| #3 | .00077 | .00182 | .00198 | .00344 | .01189 | .00340 | .11929 | .01958 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .01269 | .05691 | .00210 | .04250 | .00808 | .00099 | .00202 | .01736 |
| Stddev | .00027 | .00005 | .00001 | .00030 | .00007 | .00003 | .00003 | .00005 |
| %RSD   | 2.1585 | .07996 | .46587 | .71120 | .88941 | 2.8205 | 1.4431 | .30513 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01285 | .05692 | .00211 | .04277 | .00804 | .00102 | .00205 | .01732 |
| #2 | .01286 | .05686 | .00209 | .04256 | .00804 | .00097 | .00202 | .01742 |
| #3 | .01238 | .05695 | .00210 | .04217 | .00816 | .00098 | .00199 | .01734 |

|        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 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    | .02452 | .00321 | .01102 | .00794 | .01891 | .03400 | -.00100 | .00202 |
| Stddev | .00018 | .00008 | .00103 | .00020 | .00057 | .00021 | .00006  | .00022 |
| %RSD   | .72019 | 2.6097 | 9.3872 | 2.4721 | 3.0257 | .60352 | 6.0530  | 10.920 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .02456 | .00324 | .01092 | .00810 | .01953 | .03389 | -.00105 | .00209 |
| #2 | .02432 | .00328 | .01210 | .00772 | .01880 | .03423 | -.00103 | .00177 |
| #3 | .02467 | .00312 | .01004 | .00799 | .01840 | .03386 | -.00093 | .00220 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .00783 | .00268 | .01351 | .00121 | .04830 | .00418 | .20750 |
| Stddev | .00021 | .00004 | .00008 | .00008 | .00021 | .00009 | .00028 |
| %RSD   | 2.7007 | 1.3950 | .61153 | 6.8292 | .43203 | 2.2109 | .13477 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00784 | .00271 | .01359 | .00125 | .04819 | .00421 | .20776 |
| #2 | .00804 | .00268 | .01343 | .00111 | .04817 | .00425 | .20720 |
| #3 | .00762 | .00263 | .01350 | .00126 | .04854 | .00408 | .20753 |

Sample Name: S1      Acquired: 1/15/2025 12:36:53      Type: Cal  
Method: EPA SFAM01.0(v46)      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       | 2897.0 | 60711. | 13477. | 1964.8 | 4501.2 |
| Stddev    | 10.3   | 103.   | 49.    | 4.0    | 18.0   |
| %RSD      | .35702 | .17004 | .36688 | .20607 | .39918 |
| #1        | 2891.0 | 60624. | 13429. | 1963.0 | 4488.4 |
| #2        | 2891.1 | 60684. | 13473. | 1962.0 | 4493.4 |
| #3        | 2909.0 | 60825. | 13528. | 1969.5 | 4521.7 |

Sample Name: S2      Acquired: 1/15/2025 12:41:03      Type: Cal  
Method: EPA SFAM01.0(v46)      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>.09580</b> | <b>.08910</b> | <b>1.4378</b> | <b>.11045</b> | <b>.25129</b> | <b>.65055</b> | <b>1.5421</b> | <b>.51084</b> |
| Stddev | .00076        | .00062        | .0042         | .00030        | .00125        | .00166        | .0066         | .00220        |
| %RSD   | .79231        | .69480        | .28971        | .27066        | .49803        | .25517        | .42464        | .43072        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .09544 | .08911 | 1.4364 | .11062 | .25043 | .65152 | 1.5443 | .51248 |
| #2 | .09529 | .08847 | 1.4346 | .11010 | .25072 | .64863 | 1.5347 | .51169 |
| #3 | .09667 | .08971 | 1.4426 | .11062 | .25273 | .65150 | 1.5473 | .50834 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>1.6133</b> | <b>.72713</b> | <b>.81560</b> | <b>.54838</b> | <b>.56402</b> | <b>.36647</b> | <b>.50340</b> | <b>.24083</b> |
| Stddev | .0052         | .00277        | .00348        | .00168        | .00480        | .00071        | .00238        | .00110        |
| %RSD   | .32249        | .38036        | .42662        | .30596        | .85163        | .19447        | .47190        | .45581        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.6102 | .72855 | .81398 | .54814 | .56945 | .36658 | .50436 | .24110 |
| #2 | 1.6105 | .72395 | .81322 | .54683 | .56230 | .36571 | .50069 | .23962 |
| #3 | 1.6194 | .72890 | .81959 | .55016 | .56031 | .36713 | .50514 | .24176 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>.39242</b> | <b>.10503</b> | <b>.09371</b> | <b>.09382</b> | <b>1.1672</b> | <b>.19888</b> | <b>.05336</b> | <b>.49956</b> |
| Stddev | .00126        | .00012        | .00048        | .00046        | .0109         | .00075        | .00022        | .00302        |
| %RSD   | .32013        | .11167        | .51195        | .49174        | .93656        | .37725        | .41293        | .60540        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .39207 | .10496 | .09425 | .09434 | 1.1726 | .19912 | .05350 | .50261 |
| #2 | .39137 | .10517 | .09335 | .09346 | 1.1546 | .19804 | .05311 | .49950 |
| #3 | .39381 | .10497 | .09352 | .09366 | 1.1744 | .19948 | .05349 | .49656 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>.93558</b> | <b>.03373</b> | <b>.07296</b> | <b>.19272</b> | <b>.58459</b> | <b>.25594</b> | <b>2.9710</b> |
| Stddev | .00395        | .00006        | .00033        | .00044        | .00436        | .00091        | .0078         |
| %RSD   | .42265        | .16776        | .45111        | .22946        | .74635        | .35410        | .26424        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .93549 | .03378 | .07315 | .19309 | .58823 | .25613 | 2.9623 |
| #2 | .93167 | .03367 | .07314 | .19223 | .58579 | .25496 | 2.9776 |
| #3 | .93958 | .03373 | .07258 | .19283 | .57975 | .25674 | 2.9731 |

Sample Name: S2      Acquired: 1/15/2025 12:41:03      Type: Cal  
Method: EPA SFAM01.0(v46)      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       | 2731.6 | 57417. | 13103. | 1882.4 | 4076.0 |
| Stddev    | 10.1   | 172.   | 68.    | 17.6   | 14.5   |
| %RSD      | .37121 | .29922 | .52231 | .93396 | .35572 |
| #1        | 2725.7 | 57364. | 13039. | 1873.1 | 4064.9 |
| #2        | 2743.3 | 57609. | 13097. | 1902.7 | 4092.4 |
| #3        | 2725.8 | 57277. | 13175. | 1871.5 | 4070.6 |

Sample Name: S3      Acquired: 1/15/2025 12:45:00      Type: Cal  
Method: EPA SFAM01.0(v46)      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>.18847</b> | <b>.16549</b> | <b>2.8000</b> | <b>.21370</b> | <b>.49528</b> | <b>1.3002</b> | <b>3.0577</b> | <b>.98791</b> |
| Stddev | .00150        | .00029        | .0138         | .00139        | .00367        | .0223         | .0346         | .00790        |
| %RSD   | .79404        | .17606        | .49130        | .64900        | .74037        | 1.7184        | 1.1323        | .79976        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .19015 | .16550 | 2.8155 | .21514 | .49950 | 1.2927 | 3.0672 | .98337 |
| #2 | .18730 | .16578 | 2.7955 | .21361 | .49336 | 1.2826 | 3.0193 | .98332 |
| #3 | .18795 | .16520 | 2.7891 | .21237 | .49297 | 1.3253 | 3.0866 | .99703 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2144        | Ca3736        | Cr2677        | Co2286        | Cu3247        | Fe2598        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>3.1363</b> | <b>1.4420</b> | <b>1.5855</b> | <b>1.0661</b> | <b>1.0890</b> | <b>.71560</b> | <b>.99842</b> | <b>.48184</b> |
| Stddev | .0156         | .0276         | .0355         | .0055         | .0025         | .01321        | .01929        | .00936        |
| %RSD   | .49665        | 1.9146        | 2.2395        | .51384        | .23347        | 1.8465        | 1.9323        | 1.9415        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.1528 | 1.4335 | 1.5766 | 1.0723 | 1.0882 | .71063 | .99439 | .47758 |
| #2 | 3.1344 | 1.4195 | 1.5552 | 1.0639 | 1.0869 | .70560 | .98147 | .47538 |
| #3 | 3.1218 | 1.4728 | 1.6246 | 1.0620 | 1.0918 | .73058 | 1.0194 | .49257 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>.75946</b> | <b>.21015</b> | <b>.18491</b> | <b>.18029</b> | <b>2.3065</b> | <b>.39120</b> | <b>.10782</b> | <b>.96098</b> |
| Stddev | .00477        | .00428        | .00066        | .00062        | .0420         | .00707        | .00065        | .00840        |
| %RSD   | .62801        | 2.0350        | .35496        | .34339        | 1.8204        | 1.8076        | .60626        | .87411        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .76495 | .20835 | .18556 | .17959 | 2.3003 | .38910 | .10856 | .95347 |
| #2 | .75697 | .20706 | .18425 | .18078 | 2.2680 | .38542 | .10734 | .95941 |
| #3 | .75644 | .21503 | .18492 | .18049 | 2.3513 | .39909 | .10755 | .97005 |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| 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>1.8283</b> | <b>.06672</b> | <b>.14198</b> | <b>.37666</b> | <b>1.1266</b> | <b>.51238</b> | <b>5.8726</b> |  |
| Stddev | .0109         | .00037        | .00086        | .00208        | .0041         | .00923        | .1115         |  |
| %RSD   | .59731        | .55890        | .60573        | .55157        | .36718        | 1.8009        | 1.8987        |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.8409 | .06712 | .14109 | .37903 | 1.1224 | .51165 | 5.8502 |  |
| #2 | 1.8220 | .06667 | .14205 | .37582 | 1.1269 | .50355 | 5.7739 |  |
| #3 | 1.8219 | .06638 | .14280 | .37513 | 1.1306 | .52196 | 5.9935 |  |

Sample Name: S3      Acquired: 1/15/2025 12:45:00      Type: Cal  
Method: EPA SFAM01.0(v46)      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       | 2635.3 | 55524. | 12993. | 1823.9 | 3911.2 |
| Stddev    | 17.2   | 982.   | 43.    | 29.1   | 23.0   |
| %RSD      | .65441 | 1.7695 | .33401 | 1.5944 | .58819 |
| #1        | 2615.4 | 55796. | 13040. | 1831.2 | 3884.7 |
| #2        | 2645.5 | 56341. | 12985. | 1848.5 | 3924.5 |
| #3        | 2644.9 | 54434. | 12955. | 1791.8 | 3924.6 |

Sample Name: S4      Acquired: 1/15/2025 12:49:03      Type: Cal  
Method: EPA SFAM01.0(v46)      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>.40743</b> | <b>.34996</b> | <b>5.7004</b> | <b>.45898</b> | <b>1.0741</b> | <b>2.7860</b> | <b>6.4473</b> | <b>1.9619</b> |
| Stddev | .00091        | .00317        | .0085         | .00052        | .0027         | .0088         | .0949         | .0126         |
| %RSD   | .22416        | .90538        | .14953        | .11355        | .25151        | .31435        | 1.4714        | .63974        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .40705 | .35250 | 5.6984 | .45868 | 1.0726 | 2.7943 | 6.5040 | 1.9502 |
| #2 | .40676 | .35096 | 5.6931 | .45867 | 1.0725 | 2.7868 | 6.3378 | 1.9604 |
| #3 | .40847 | .34641 | 5.7098 | .45958 | 1.0772 | 2.7768 | 6.5000 | 1.9751 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>6.3416</b> | <b>2.9782</b> | <b>3.1392</b> | <b>2.1707</b> | <b>2.2423</b> | <b>1.4703</b> | <b>2.0488</b> | <b>1.0181</b> |
| Stddev | .0062         | .0022         | .0139         | .0034         | .0097         | .0005         | .0047         | .0019         |
| %RSD   | .09745        | .07413        | .44273        | .15686        | .43396        | .03171        | .22731        | .18964        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.3487 | 2.9766 | 3.1286 | 2.1705 | 2.2526 | 1.4699 | 2.0521 | 1.0159 |
| #2 | 6.3379 | 2.9807 | 3.1342 | 2.1674 | 2.2410 | 1.4702 | 2.0507 | 1.0190 |
| #3 | 6.3381 | 2.9774 | 3.1550 | 2.1742 | 2.2332 | 1.4708 | 2.0434 | 1.0194 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>1.5348</b> | <b>.43700</b> | <b>.37797</b> | <b>.36372</b> | <b>4.8506</b> | <b>.82776</b> | <b>.22402</b> | <b>1.8784</b> |
| Stddev | .0032         | .00127        | .00183        | .00080        | .0296         | .00181        | .00036        | .0080         |
| %RSD   | .20564        | .29150        | .48426        | .21861        | .61100        | .21856        | .16160        | .42549        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.5340 | .43593 | .37978 | .36451 | 4.8793 | .82977 | .22443 | 1.8711 |
| #2 | 1.5320 | .43666 | .37800 | .36292 | 4.8523 | .82722 | .22384 | 1.8772 |
| #3 | 1.5382 | .43841 | .37612 | .36373 | 4.8201 | .82628 | .22378 | 1.8869 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>3.8503</b> | <b>.14121</b> | <b>.28899</b> | <b>.76825</b> | <b>2.2715</b> | <b>1.1034</b> | <b>12.150</b> |
| Stddev | .0080         | .00008        | .00051        | .00092        | .0059         | .0076         | .007          |
| %RSD   | .20909        | .05641        | .17489        | .12016        | .26119        | .68762        | .05695        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.8481 | .14119 | .28957 | .76774 | 2.2777 | 1.1113 | 12.142 |
| #2 | 3.8436 | .14114 | .28872 | .76769 | 2.2708 | 1.1027 | 12.156 |
| #3 | 3.8593 | .14130 | .28867 | .76932 | 2.2659 | 1.0962 | 12.150 |

Sample Name: S4      Acquired: 1/15/2025 12:49:03      Type: Cal  
Method: EPA SFAM01.0(v46)      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       | 2387.5 | 52921. | 12741. | 1689.5 | 3593.8 |
| Stddev    | 8.3    | 103.   | 37.    | 3.4    | 10.3   |
| %RSD      | .34649 | .19400 | .28673 | .19880 | .28644 |
| #1        | 2388.0 | 52967. | 12766. | 1685.7 | 3592.4 |
| #2        | 2395.5 | 52992. | 12757. | 1691.9 | 3604.7 |
| #3        | 2378.9 | 52803. | 12699. | 1691.0 | 3584.2 |

Sample Name: S5      Acquired: 1/15/2025 12:53:03      Type: Cal  
Method: EPA SFAM01.0(v46)      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>.87947</b> | <b>.66986</b> | <b>11.123</b> | <b>.98042</b> | <b>2.3262</b> | <b>5.7385</b> | <b>12.783</b> | <b>3.9617</b> |
| Stddev | .00319        | .00210        | .037          | .00457        | .0103         | .0198         | .062          | .2093         |
| %RSD   | .36268        | .31350        | .32918        | .46652        | .44460        | .34485        | .48852        | 5.2823        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .87596 | .66763 | 11.095 | .97593 | 2.3159 | 5.7158 | 12.800 | 3.8213 |
| #2 | .88024 | .67180 | 11.109 | .98026 | 2.3260 | 5.7522 | 12.836 | 4.2023 |
| #3 | .88220 | .67015 | 11.164 | .98507 | 2.3366 | 5.7474 | 12.715 | 3.8616 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>12.172</b> | <b>5.8677</b> | <b>5.9940</b> | <b>4.2688</b> | <b>4.5297</b> | <b>2.9109</b> | <b>3.9387</b> | <b>2.0499</b> |
| Stddev | .034          | .0134         | .0483         | .0158         | .2754         | .0247         | .0520         | .0169         |
| %RSD   | .27810        | .22847        | .80624        | .36928        | 6.0799        | .84980        | 1.3192        | .82539        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 12.144 | 5.8522 | 5.9669 | 4.2566 | 4.3673 | 2.9017 | 3.9658 | 2.0403 |
| #2 | 12.162 | 5.8751 | 6.0498 | 4.2631 | 4.8477 | 2.9389 | 3.9714 | 2.0694 |
| #3 | 12.209 | 5.8758 | 5.9653 | 4.2866 | 4.3742 | 2.8921 | 3.8787 | 2.0400 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>2.9929</b> | <b>.90995</b> | <b>.75593</b> | <b>.72049</b> | <b>9.8111</b> | <b>1.7427</b> | <b>.44938</b> | <b>3.6816</b> |
| Stddev | .0116         | .00208        | .04771        | .04280        | .0703         | .0180         | .00146        | .1897         |
| %RSD   | .38898        | .22884        | 6.3118        | 5.9402        | .71684        | 1.0322        | .32410        | 5.1533        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.9854 | .90766 | .72715 | .69168 | 9.7351 | 1.7458 | .44887 | 3.5454 |
| #2 | 2.9871 | .91172 | .81100 | .76967 | 9.8738 | 1.7589 | .44824 | 3.8983 |
| #3 | 3.0064 | .91049 | .72963 | .70013 | 9.8246 | 1.7234 | .45102 | 3.6011 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>8.0270</b> | <b>.28833</b> | <b>.57689</b> | <b>1.4866</b> | <b>4.5181</b> | <b>2.2811</b> | <b>23.710</b> |
| Stddev | .0349         | .00047        | .03524        | .0055         | .2712         | .0298         | .231          |
| %RSD   | .43460        | .16383        | 6.1089        | .37231        | 6.0015        | 1.3046        | .97566        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.9905 | .28810 | .55350 | 1.4820 | 4.3506 | 2.2830 | 23.828 |
| #2 | 8.0305 | .28803 | .61742 | 1.4851 | 4.8310 | 2.3099 | 23.858 |
| #3 | 8.0600 | .28888 | .55975 | 1.4928 | 4.3728 | 2.2505 | 23.443 |

Sample Name: S5      Acquired: 1/15/2025 12:53:03      Type: Cal  
Method: EPA SFAM01.0(v46)      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       | 2061.8 | 49442. | 11985. | 1528.2 | 3245.4 |
| Stddev    | 8.7    | 76.    | 604.   | 9.1    | 11.4   |
| %RSD      | .42232 | .15275 | 5.0404 | .59533 | .35069 |
| #1        | 2069.8 | 49500. | 12412. | 1534.0 | 3253.9 |
| #2        | 2063.0 | 49357. | 11294. | 1532.9 | 3249.8 |
| #3        | 2052.5 | 49470. | 12248. | 1517.7 | 3232.5 |

Sample Name: S6      Acquired: 1/15/2025 12:57:37      Type: Cal  
Method: EPA SFAM01.0(v46)      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>16.035</b> | <b>10.041</b> | <b>8.0077</b> | <b>3.4614</b> | <b>2.2113</b> |
| Stddev | .130          | .022          | .0121         | .0073         | .0098         |
| %RSD   | .80882        | .21984        | .15131        | .20931        | .44224        |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 16.181 | 10.022 | 7.9989 | 3.4570 | 2.2214 |
| #2 | 15.932 | 10.036 | 8.0028 | 3.4573 | 2.2019 |
| #3 | 15.993 | 10.065 | 8.0215 | 3.4697 | 2.2104 |

|           |               |               |
|-----------|---------------|---------------|
| Int. Std. | Y_3600        | Y_3710        |
| Units     | Cts/S         | Cts/S         |
| Avg       | <b>46204.</b> | <b>11931.</b> |
| Stddev    | 129.          | 40.           |
| %RSD      | .27986        | .33383        |

|    |        |        |
|----|--------|--------|
| #1 | 46238. | 11904. |
| #2 | 46313. | 11977. |
| #3 | 46061. | 11914. |

Sample Name: ICV004      Acquired: 1/15/2025 13:43:21      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV004      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.028976</b> | <b>1.012882</b> | <b>1.018710</b> | <b>.9087440</b> | <b>.9802999</b> | <b>2.311227</b> |
| Stddev | .003357         | .009599         | .000457         | .0053850        | .0024009        | .057609         |
| %RSD   | .3262400        | .9476534        | .0448907        | .5925744        | .2449127        | 2.492583        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.031622 | 1.007585 | 1.019036 | .9131952 | .9800351 | 2.352339 |
| #2 | 1.030108 | 1.007099 | 1.018187 | .9027583 | .9780424 | 2.335961 |
| #3 | 1.025200 | 1.023962 | 1.018906 | .9102786 | .9828222 | 2.245381 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4681973</b> | <b>.5065430</b> | <b>.5086484</b> | <b>9.146480</b> | <b>.5482567</b> | <b>.5049961</b> |
| Stddev | .0091817        | .0017270        | .0009564        | .178485         | .0116378        | .0006865        |
| %RSD   | 1.961067        | .3409456        | .1880194        | 1.951409        | 2.122685        | .1359511        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4759334 | .5068115 | .5083348 | 9.297147 | .5567529 | .5055995 |
| #2 | .4706077 | .5081200 | .5078882 | 9.192931 | .5530253 | .5042491 |
| #3 | .4580510 | .5046974 | .5097222 | 8.949361 | .5349921 | .5051395 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5132473</b> | <b>9.507098</b> | <b>.4914212</b> | <b>5.655673</b> | <b>.5140103</b> | <b>.2257089</b> |
| Stddev | .0012606        | .181825         | .0074010        | .131101         | .0002629        | .0054441        |
| %RSD   | .2456138        | 1.912521        | 1.506049        | 2.318045        | .0511423        | 2.411994        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5141832 | 9.657633 | .4970586 | 5.763563 | .5141098 | .2292919 |
| #2 | .5137448 | 9.558576 | .4941649 | 5.693692 | .5137122 | .2283907 |
| #3 | .5118138 | 9.305083 | .4830401 | 5.509764 | .5142089 | .2194442 |

|        |                 |                 |                 |                 |                   |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-------------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774            | B_2496            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm               |
| Avg    | <b>9.251111</b> | <b>.5102063</b> | <b>.9660261</b> | <b>9.087249</b> | <b>F .0009977</b> | <b>F .0379915</b> |
| Stddev | .204350         | .0007591        | .0215597        | .218105         | .0012344          | .0008919          |
| %RSD   | 2.208922        | .1487862        | 2.231798        | 2.400125        | 123.7272          | 2.347651          |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.221675 | .5110675 | .9747990 | 9.269155 | .0022079 | .0383074 |
| #2 | 9.468583 | .5096344 | .9818163 | 9.147135 | .0010448 | .0386825 |
| #3 | 9.063076 | .5099170 | .9414629 | 8.845456 | -.000260 | .0369847 |

Sample Name: ICV004      Acquired: 1/15/2025 13:43:21      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV004      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Mo2020     | S_1820     | Si2516     | Sn1899     | Ti3361     | Li6707     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F -.000092 | F .0042765 | F .0010015 | F -.000759 | F -.001191 | F -.001517 |
| Stddev | .000145    | .0025611   | .0014726   | .000259    | .000575    | .000468    |
| %RSD   | 157.2008   | 59.88780   | 147.0383   | 34.18520   | 48.27790   | 30.83145   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000041 | .0021132 | .0023508 | -.000470 | -.000713 | -.001233 |
| #2 | .000020  | .0036119 | .0012229 | -.000973 | -.001829 | -.002057 |
| #3 | -.000256 | .0071044 | -.000569 | -.000834 | -.001031 | -.001262 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0010773 |
| Stddev | .0000374   |
| %RSD   | 3.470053   |

|    |          |
|----|----------|
| #1 | .0011036 |
| #2 | .0010938 |
| #3 | .0010345 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2949.008 | 62105.51 | 13478.77 | 2038.033 | 4543.462 |
| Stddev    | 4.564    | 1349.53  | 26.23    | 49.782   | 7.786    |
| %RSD      | .1547604 | 2.172963 | .1946232 | 2.442659 | .1713665 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2949.357 | 60988.51 | 13448.89 | 2004.416 | 4544.005 |
| #2 | 2953.387 | 61723.02 | 13489.35 | 2014.459 | 4550.962 |
| #3 | 2944.279 | 63605.00 | 13498.05 | 2095.223 | 4535.418 |

Sample Name: ICB004      Acquired: 1/15/2025 13:47:17      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000333 | -.000210 | .0004421 | .0028928 | .0001113 | .0001838 | .0000237 |
| Stddev | .001050  | .001780  | .0008051 | .0006864 | .0007264 | .0040957 | .0004133 |
| %RSD   | 315.1348 | 848.5079 | 182.0982 | 23.72916 | 652.6301 | 2228.677 | 1744.100 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000044 | -.002263 | .0013499 | .0025476 | -.000339 | -.002909 | .0001160 |
| #2 | .000542  | .000734  | -.000186 | .0036833 | -.000276 | .004829  | .0003830 |
| #3 | -.001497 | .000900  | .000162  | .0024475 | .000949  | -.001369 | -.000428 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000077 | .0000435 | .0028205 | -.000051 | -.000001 | -.001865 | -.002038 |
| Stddev | .000044  | .0000298 | .0043320 | .000172  | .000221  | .001340  | .002099  |
| %RSD   | 57.60734 | 68.43822 | 153.5893 | 340.2814 | 24698.49 | 71.86382 | 103.0187 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000074 | .0000578 | .0067357 | .000124  | -.000040 | -.001858 | -.004017 |
| #2 | -.000034 | .0000634 | -.001833 | -.000056 | .000237  | -.000528 | -.002260 |
| #3 | -.000123 | .0000093 | .003559  | -.000221 | -.000199 | -.003208 | .000164  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000049 | .0085660 | .0002052 | -.000262 | -.046735 | -.000107 | .0006573 |
| Stddev | .000184  | .0054415 | .0001414 | .000151  | .141133  | .000944  | .0004885 |
| %RSD   | 372.8592 | 63.52461 | 68.92571 | 57.52022 | 301.9842 | 881.3501 | 74.31710 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000058 | .0023053 | .0002542 | -.000157 | .009658  | -.000596 | .0007584 |
| #2 | -.000228 | .0112351 | .0003157 | -.000435 | .057481  | .000981  | .0001262 |
| #3 | .000139  | .0121576 | .0000458 | -.000194 | -.207345 | -.000706 | .0010875 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.029182 | -.000541 | .0001575 | .0002074 | -.002010 | -.000456 | -.000199 |
| Stddev | .026372  | .002663  | .0001994 | .0001801 | .000898  | .000582  | .000511  |
| %RSD   | 90.37120 | 492.2741 | 126.6054 | 86.84557 | 44.66647 | 127.5913 | 257.0491 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.035866 | .002024  | -.000021 | .0002865 | -.003004 | -.000390 | .000359  |
| #2 | -.000111 | -.003292 | .000121  | .0000013 | -.001771 | -.001069 | -.000309 |
| #3 | -.051568 | -.000355 | .000373  | .0003344 | -.001256 | .000090  | -.000646 |

Sample Name: ICB004      Acquired: 1/15/2025 13:47:17      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB004      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000703</b> | <b>-.002226</b> | <b>.0000483</b> |
| Stddev | .000495         | .000625         | .0000593        |
| %RSD   | 70.31787        | 28.09112        | 122.6537        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000133</b> | <b>-.001545</b> | <b>.0001078</b> |
| #2 | <b>-.001012</b> | <b>-.002773</b> | <b>-.000011</b> |
| #3 | <b>-.000965</b> | <b>-.002362</b> | <b>.000048</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>2990.246</b> | <b>62462.79</b> | <b>13188.23</b> | <b>2083.046</b> | <b>4678.256</b> |
| Stddev    | 32.643          | 442.68          | 50.76           | 12.403          | 58.754          |
| %RSD      | 1.091640        | .7087152        | .3849164        | .5954347        | 1.255893        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3002.839</b> | <b>62261.66</b> | <b>13130.41</b> | <b>2079.616</b> | <b>4701.767</b> |
| #2 | <b>3014.716</b> | <b>62156.38</b> | <b>13225.47</b> | <b>2072.718</b> | <b>4721.614</b> |
| #3 | <b>2953.182</b> | <b>62970.33</b> | <b>13208.81</b> | <b>2096.803</b> | <b>4611.387</b> |

Sample Name: ICSA004      Acquired: 1/15/2025 13:51:27      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006703 | .0073072 | .0034281 | .0306263 | .0085616 | 216.4384 |
| Stddev | .0014426 | .0031266 | .0006009 | .0015390 | .0015552 | 1.6644   |
| %RSD   | 215.2277 | 42.78780 | 17.52782 | 5.024964 | 18.16453 | .7690162 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0020678 | .0052742 | .0027662 | .0288979 | .0089353 | 218.1084 |
| #2 | -.000813 | .0057400 | .0039392 | .0318479 | .0068536 | 216.4273 |
| #3 | .000756  | .0109074 | .0035789 | .0311332 | .0098959 | 214.7796 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068357 | -.000650 | .0014800 | 233.0203 | .0601953 | .0010152 |
| Stddev | .0005218 | .000040  | .0000989 | 1.0516   | .0006952 | .0001956 |
| %RSD   | 7.633520 | 6.108287 | 6.678945 | .4512867 | 1.154834 | 19.26210 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0069476 | -.000690 | .0015799 | 234.1067 | .0609973 | .0011345 |
| #2 | .0072925 | -.000649 | .0013822 | 232.9469 | .0598227 | .0007895 |
| #3 | .0062671 | -.000611 | .0014781 | 232.0074 | .0597659 | .0011217 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.011837 | 95.86960 | .0112813 | 229.9232 | .0041456 | .0006224 |
| Stddev | .002148  | .48934   | .0001782 | 1.0856   | .0002228 | .0002523 |
| %RSD   | 18.14537 | .5104221 | 1.579515 | .4721377 | 5.373951 | 40.53444 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.014078 | 96.43464 | .0114542 | 231.1372 | .0041335 | .0003993 |
| #2 | -.009796 | 95.58920 | .0110982 | 229.5863 | .0043742 | .0005717 |
| #3 | -.011636 | 95.58496 | .0112914 | 229.0460 | .0039291 | .0008961 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.530523 | -.004516 | -.007637 | .0945297 | .0037979 | F .3829507 |
| Stddev | .153583  | .001114  | .000898  | .0252873 | .0022399 | .0025359   |
| %RSD   | 28.94928 | 24.65600 | 11.75869 | 26.75067 | 58.97862 | .6622062   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.388651 | -.004598 | -.008547 | .0755823 | .0060012 | .3856090 |
| #2 | -.693610 | -.005587 | -.006752 | .0847629 | .0015230 | .3805581 |
| #3 | -.509309 | -.003364 | -.007611 | .1232439 | .0038695 | .3826848 |

Sample Name: ICSA004      Acquired: 1/15/2025 13:51:27      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA004      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000645</b> | <b>.0233727</b> | <b>.0018772</b> | <b>-.002479</b> | <b>-.003431</b> | <b>.0032981</b> |
| Stddev | .000729         | .0001067        | .0006572        | .001574         | .000516         | .0003400        |
| %RSD   | 113.0188        | .4562823        | 35.00917        | 63.48456        | 15.04657        | 10.30822        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001338</b> | <b>.0234910</b> | <b>.0025489</b> | <b>-.002197</b> | <b>-.002975</b> | <b>.0030565</b> |
| #2 | <b>.000116</b>  | <b>.0233432</b> | <b>.0018471</b> | <b>-.001065</b> | <b>-.003325</b> | <b>.0031511</b> |
| #3 | <b>-.000714</b> | <b>.0232840</b> | <b>.0012355</b> | <b>-.004175</b> | <b>-.003991</b> | <b>.0036869</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0905413</b> |
| Stddev | .0003836        |
| %RSD   | .4236756        |

|    |                 |
|----|-----------------|
| #1 | <b>.0909823</b> |
| #2 | <b>.0903566</b> |
| #3 | <b>.0902850</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>2579.151</b> | <b>55092.53</b> | <b>12702.59</b> | <b>1789.970</b> | <b>3755.744</b> |
| Stddev    | 15.100          | 322.40          | 72.13           | 5.528           | 21.453          |
| %RSD      | .5854775        | .5851996        | .5678305        | .3088214        | .5712133        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2589.483</b> | <b>54750.75</b> | <b>12642.06</b> | <b>1784.143</b> | <b>3765.908</b> |
| #2 | <b>2586.149</b> | <b>55135.64</b> | <b>12782.40</b> | <b>1790.627</b> | <b>3770.227</b> |
| #3 | <b>2561.821</b> | <b>55391.21</b> | <b>12683.30</b> | <b>1795.140</b> | <b>3731.098</b> |

Sample Name: ICSAB004      Acquired: 1/15/2025 13:55:42      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0913701 | .0990092 | .0540734 | .0751850 | .5410469 | 222.8910 |
| Stddev | .0012902 | .0023674 | .0013071 | .0003002 | .0020965 | 2.8896   |
| %RSD   | 1.412037 | 2.391113 | 2.417263 | .3993284 | .3874939 | 1.296439 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0901996 | .0992133 | .0542253 | .0749727 | .5433007 | 225.9550 |
| #2 | .0927534 | .1012679 | .0526969 | .0755285 | .5391547 | 222.5031 |
| #3 | .0911573 | .0965463 | .0552979 | .0750538 | .5406853 | 220.2149 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4963017 | .4781151 | .9808256 | 235.8511 | .5951097 | .4951828 |
| Stddev | .0030495 | .0123953 | .0041199 | 1.6258   | .0046712 | .0028899 |
| %RSD   | .6144367 | 2.592545 | .4200410 | .6893431 | .7849301 | .5835985 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4932187 | .4638800 | .9850570 | 234.6236 | .5951244 | .4982974 |
| #2 | .4993165 | .4865235 | .9768271 | 237.6950 | .5997735 | .4925883 |
| #3 | .4963699 | .4839418 | .9805928 | 235.2347 | .5904312 | .4946627 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4732514 | 97.62904 | .5049991 | 231.8974 | .9874444 | .1961435 |
| Stddev | .0140142 | .98575   | .0024246 | 2.2024   | .0049277 | .0016787 |
| %RSD   | 2.961266 | 1.009687 | .4801269 | .9497139 | .4990315 | .8558409 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4570826 | 97.03183 | .5021996 | 230.5892 | .9925747 | .1951765 |
| #2 | .4819063 | 98.76682 | .5063645 | 234.4401 | .9827481 | .1980819 |
| #3 | .4807654 | 97.08848 | .5064331 | 230.6629 | .9870103 | .1951721 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.619696 | .4667619 | .9589072 | -.169179 | .0064306 | F .3964631 |
| Stddev | .107331  | .0119538 | .0118578 | .027730  | .0018246 | .0041890   |
| %RSD   | 17.31993 | 2.560999 | 1.236591 | 16.39118 | 28.37460 | 1.056600   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.495774 | .4529905 | .9453276 | -.140467 | .0053570 | .3951048 |
| #2 | -.680135 | .4744566 | .9672144 | -.195811 | .0085374 | .4011627 |
| #3 | -.683180 | .4728386 | .9641796 | -.171257 | .0053973 | .3931218 |

Sample Name: ICSAB004      Acquired: 1/15/2025 13:55:42      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB004      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000536</b> | <b>.0204790</b> | <b>.0043418</b> | <b>-.003417</b> | <b>-.005116</b> | <b>.0028428</b> |
| Stddev | .000111         | .0036367        | .0009237        | .000718         | .000392         | .0014951        |
| %RSD   | 20.77911        | 17.75838        | 21.27493        | 20.99956        | 7.664324        | 52.59084        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000411</b> | <b>.0214168</b> | <b>.0041869</b> | <b>-.003403</b> | <b>-.005391</b> | <b>.0023902</b> |
| #2 | <b>-.000625</b> | <b>.0235549</b> | <b>.0053331</b> | <b>-.004142</b> | <b>-.005290</b> | <b>.0045119</b> |
| #3 | <b>-.000573</b> | <b>.0164652</b> | <b>.0035053</b> | <b>-.002707</b> | <b>-.004667</b> | <b>.0016264</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0922200</b> |
| Stddev | .0003527        |
| %RSD   | .3824812        |

|    |                 |
|----|-----------------|
| #1 | <b>.0918901</b> |
| #2 | <b>.0925918</b> |
| #3 | <b>.0921783</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>2608.036</b> | <b>54728.33</b> | <b>13262.19</b> | <b>1756.613</b> | <b>3833.092</b> |
| Stddev    | 10.457          | 400.34          | 355.56          | 12.393          | 15.369          |
| %RSD      | .4009501        | .7315071        | 2.680987        | .7054868        | .4009578        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2596.014 | 54720.01 | 13671.16 | 1761.432 | 3816.070 |
| #2 | 2615.024 | 54332.22 | 13026.39 | 1742.535 | 3845.949 |
| #3 | 2613.071 | 55132.77 | 13089.02 | 1765.872 | 3837.256 |

Sample Name: CCV023      Acquired: 1/15/2025 14:06:41      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV023      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>4.705062</b> | <b>4.784555</b> | <b>23.75399</b> | <b>4.694579</b> | <b>4.747295</b> | <b>384.0677</b>   |
| Stddev | .042289         | .103870         | .19602          | .038716         | .057909         | 2.6199            |
| %RSD   | .8988010        | 2.170948        | .8252298        | .8246894        | 1.219827        | .6821407          |
| #1     | 4.730487        | 4.889584        | 23.89945        | 4.730615        | 4.783673        | 387.0169          |
| #2     | 4.656245        | 4.782199        | 23.53107        | 4.653649        | 4.680516        | 383.1764          |
| #3     | 4.728454        | 4.681884        | 23.83144        | 4.699473        | 4.777695        | 382.0097          |
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>10.14261</b> | <b>.4841880</b> | <b>2.406104</b> | <b>394.1057</b> | <b>15.14466</b> | <b>2.409426</b>   |
| Stddev | .04212          | .0032890        | .018823         | 2.9160          | .07417          | .020881           |
| %RSD   | .4153015        | .6792727        | .7823113        | .7399145        | .4897449        | .8666463          |
| #1     | 10.18437        | .4874751        | 2.424946        | 397.0749        | 15.22512        | 2.425800          |
| #2     | 10.10014        | .4808972        | 2.387299        | 391.2458        | 15.07901        | 2.385911          |
| #3     | 10.14331        | .4841918        | 2.406066        | 393.9963        | 15.12986        | 2.416566          |
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>14.89426</b> | <b>391.6210</b> | <b>15.11621</b> | <b>392.2229</b> | <b>2.405505</b> | <b>1.260362</b>   |
| Stddev | .05739          | .5968           | .03087          | .8543           | .020293         | .003359           |
| %RSD   | .3852978        | .1523986        | .2041981        | .2178132        | .8435868        | .2664767          |
| #1     | 14.89122        | 391.9310        | 15.11452        | 392.9562        | 2.418578        | 1.264107          |
| #2     | 14.95310        | 391.9991        | 15.14788        | 392.4277        | 2.382128        | 1.257618          |
| #3     | 14.83845        | 390.9330        | 15.08622        | 391.2848        | 2.415808        | 1.259360          |
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>389.3071</b> | <b>2.432691</b> | <b>15.15337</b> | <b>151.1262</b> | <b>4.800718</b> | <b>F 5.796488</b> |
| Stddev | 1.3724          | .010980         | .01776          | .3389           | .043901         | .017397           |
| %RSD   | .3525169        | .4513325        | .1171828        | .2242281        | .9144777        | .3001307          |
| #1     | 390.1386        | 2.443404        | 15.14506        | 151.0726        | 4.838437        | 5.816573          |
| #2     | 390.0596        | 2.433206        | 15.17376        | 151.4886        | 4.752527        | 5.786804          |
| #3     | 387.7231        | 2.421463        | 15.14129        | 150.8172        | 4.811189        | 5.786089          |

Sample Name: CCV023      Acquired: 1/15/2025 14:06:41      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV023      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.679938</b> | <b>4.778559</b> | <b>4.943578</b> | <b>4.795262</b> | <b>4.891977</b> | <b>5.102424</b> |
| Stddev | .045827         | .044150         | .001445         | .034157         | .016415         | .027413         |
| %RSD   | .9792248        | .9239238        | .0292212        | .7123138        | .3355416        | .5372578        |
| #1     | 4.711645        | 4.823727        | 4.942798        | 4.820157        | 4.904469        | 5.086059        |
| #2     | 4.627395        | 4.735502        | 4.942690        | 4.756321        | 4.898077        | 5.134072        |
| #3     | 4.700773        | 4.776448        | 4.945244        | 4.809308        | 4.873386        | 5.087142        |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>5.109743</b> |
| Stddev | .011594         |
| %RSD   | .2268927        |
| #1     | 5.123126        |
| #2     | 5.102773        |
| #3     | 5.103330        |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2302.267</b> | <b>50794.70</b> | <b>12420.51</b> | <b>1599.507</b> | <b>3421.497</b> |
| Stddev    | 23.607          | 156.39          | 73.20           | 7.870           | 30.507          |
| %RSD      | 1.025376        | .3078879        | .5893642        | .4920147        | .8916225        |
| #1        | 2290.966        | 50627.07        | 12336.39        | 1590.659        | 3403.259        |
| #2        | 2329.400        | 50820.32        | 12455.44        | 1602.137        | 3456.716        |
| #3        | 2286.434        | 50936.69        | 12469.71        | 1605.726        | 3404.516        |

Sample Name: CCB023      Acquired: 1/15/2025 14:11:05      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB023      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006967 | -.000302 | .0000189 | .0022087 | .0002683 | -.000289 | .0020738 |
| Stddev | .0010113 | .001417  | .0011454 | .0025465 | .0017814 | .005457  | .0005688 |
| %RSD   | 145.1400 | 468.6055 | 6077.445 | 115.2973 | 663.9780 | 1890.241 | 27.42793 |
| #1     | .0016362 | -.000172 | .0011293 | .0014495 | -.001716 | -.006530 | .0015591 |
| #2     | -.000374 | -.001780 | -.001159 | .0001280 | .001729  | .003580  | .0026844 |
| #3     | .000828  | .001045  | .000086  | .0050485 | .000793  | .002084  | .0019777 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000047 | .0000520 | .0007910 | .0001371 | .0001212 | -.000820 | .0005969 |
| Stddev | .000073  | .0001030 | .0062586 | .0001154 | .0000595 | .000542  | .0027833 |
| %RSD   | 156.7754 | 197.8749 | 791.2726 | 84.21094 | 49.08586 | 66.16287 | 466.2921 |
| #1     | .000038  | .0001320 | .0070370 | .0000152 | .0000860 | -.000203 | -.001248 |
| #2     | -.000085 | -.000064 | -.005480 | .0001513 | .0000877 | -.001035 | -.000760 |
| #3     | -.000093 | .000088  | .000816  | .0002448 | .0001898 | -.001221 | .003798  |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000609 | .0079623 | .0001838 | -.000238 | -.326526 | .0017234 | .0012506 |
| Stddev | .0001938 | .0030062 | .0001609 | .000336  | .165536  | .0009435 | .0018215 |
| %RSD   | 317.9601 | 37.75533 | 87.50087 | 140.8539 | 50.69614 | 54.74586 | 145.6471 |
| #1     | .0001673 | .0058358 | .0001146 | -.000238 | -.310680 | .0006398 | -.000816 |
| #2     | .0001783 | .0066494 | .0000692 | .000097  | -.499415 | .0021677 | .001947  |
| #3     | -.000163 | .0114016 | .0003677 | -.000575 | -.169482 | .0023628 | .002621  |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1059022 | -.001241 | .0063270 | .0002021 | -.001472 | -.000750 | -.000219 |
| Stddev | .0452022 | .001888  | .0006430 | .0001040 | .001436  | .001587  | .000339  |
| %RSD   | 42.68295 | 152.1385 | 10.16274 | 51.45348 | 97.54425 | 211.5175 | 154.7149 |
| #1     | .0769303 | -.002893 | .0069377 | .0001077 | -.000391 | -.000049 | -.000053 |
| #2     | .0827888 | .000817  | .0063875 | .0003136 | -.003101 | .000365  | -.000610 |
| #3     | .1579874 | -.001647 | .0056559 | .0001851 | -.000923 | -.002568 | .000005  |

Sample Name: CCB023      Acquired: 1/15/2025 14:11:05      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB023      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000151</b> | <b>-.000263</b> | <b>.0000462</b> |
| Stddev | .000621         | .001027         | .0000355        |
| %RSD   | 411.7070        | 391.0570        | 76.85606        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000538</b> | <b>-.001412</b> | <b>.0000090</b> |
| #2 | <b>.000566</b>  | <b>.000057</b>  | <b>.0000798</b> |
| #3 | <b>-.000480</b> | <b>.000567</b>  | <b>.0000498</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>3015.801</b> | <b>61253.51</b> | <b>13330.92</b> | <b>2032.722</b> | <b>4761.527</b> |
| Stddev    | 19.127          | 900.59          | 50.70           | 28.512          | 29.396          |
| %RSD      | .6342201        | 1.470272        | .3803019        | 1.402631        | .6173648        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3029.036 | 61463.03 | 13299.29 | 2040.998 | 4786.067 |
| #2 | 3024.496 | 62030.87 | 13304.07 | 2056.181 | 4769.566 |
| #3 | 2993.871 | 60266.62 | 13389.39 | 2000.988 | 4728.948 |

Sample Name: PB165925BL      Acquired: 1/15/2025 14:15:14      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS925      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000413 | -.001395 | -.000306 | .0028347 | -.000822 | .0042716 | .0019641 |
| Stddev | .001309  | .001094  | .000413  | .0017669 | .000497  | .0030464 | .0001630 |
| %RSD   | 317.1075 | 78.38019 | 134.9402 | 62.33238 | 60.40819 | 71.31758 | 8.297272 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000382 | -.002342 | -.000604 | .0028465 | -.000249 | .0076265 | .0020582 |
| #2 | .000881  | -.001646 | -.000480 | .0045956 | -.001101 | .0035100 | .0017759 |
| #3 | -.001737 | -.000198 | .000166  | .0010619 | -.001117 | .0016783 | .0020581 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000047 | .0000242 | .0055910 | -.000045 | .0000737 | .0000437 | -.000528 |
| Stddev | .000038  | .0000324 | .0116779 | .000152  | .0001303 | .0012185 | .004211  |
| %RSD   | 81.76692 | 133.8472 | 208.8685 | 340.0152 | 176.8165 | 2788.700 | 797.0279 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000039 | -.000002 | -.007833 | -.000049 | .0001333 | -.000762 | -.003747 |
| #2 | -.000089 | .000060  | .013407  | -.000194 | .0001635 | .001445  | .004237  |
| #3 | -.000013 | .000015  | .011199  | .000109  | -.000076 | -.000552 | -.002074 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000175 | .0080276 | .0001645 | -.000258 | -.215265 | .0009041 | .0010526 |
| Stddev | .0000540 | .0078868 | .0001512 | .000144  | .123503  | .0009779 | .0006413 |
| %RSD   | 309.1939 | 98.24619 | 91.89433 | 55.81558 | 57.37232 | 108.1602 | 60.92746 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000017 | .0026523 | .0000798 | -.000115 | -.090888 | .0016812 | .0005541 |
| #2 | -.000010 | .0043488 | .0000747 | -.000257 | -.337875 | -.000194 | .0017761 |
| #3 | .000080  | .0170817 | .0003391 | -.000403 | -.217032 | .001225  | .0008277 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0599937 | -.000511 | .0027051 | .0002631 | -.001988 | .0010401 | -.000201 |
| Stddev | .0162833 | .001559  | .0005509 | .0001543 | .001732  | .0018528 | .000756  |
| %RSD   | 27.14162 | 305.1195 | 20.36451 | 58.63603 | 87.13194 | 178.1414 | 375.8013 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0465759 | -.002215 | .0023700 | .0001821 | -.002627 | .0029942 | .000663  |
| #2 | .0552958 | .000843  | .0033409 | .0001662 | -.003310 | .0008174 | -.000739 |
| #3 | .0781095 | -.000161 | .0024045 | .0004410 | -.000027 | -.000691 | -.000527 |

Sample Name: PB165925BL      Acquired: 1/15/2025 14:15:14      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS925      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000551</b> | <b>-.001589</b> | <b>-.000015</b> |
| Stddev | .000139         | .000434         | .000037         |
| %RSD   | 25.23058        | 27.32657        | 248.2108        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000570</b> | <b>-.001426</b> | <b>.000028</b>  |
| #2 | <b>-.000403</b> | <b>-.002081</b> | <b>-.000036</b> |
| #3 | <b>-.000679</b> | <b>-.001260</b> | <b>-.000036</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>2990.896</b> | <b>62113.35</b> | <b>13105.96</b> | <b>2034.299</b> | <b>4730.492</b> |
| Stddev    | 6.753           | 324.06          | 461.59          | 5.412           | 16.277          |
| %RSD      | .2257926        | .5217169        | 3.521949        | .2660511        | .3440969        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2994.569</b> | <b>62175.97</b> | <b>13328.12</b> | <b>2036.424</b> | <b>4732.430</b> |
| #2 | <b>2995.017</b> | <b>62401.52</b> | <b>12575.30</b> | <b>2038.327</b> | <b>4745.713</b> |
| #3 | <b>2983.102</b> | <b>61762.55</b> | <b>13414.45</b> | <b>2028.147</b> | <b>4713.332</b> |

Sample Name: PB165925BS      Acquired: 1/15/2025 14:19:23      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS925      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0180309</b> | <b>.0536737</b> | <b>.0207654</b> | <b>.0669836</b> | <b>.1082092</b> | <b>.3404489</b> | <b>.3685465</b> |
| Stddev | .0011807        | .0027225        | .0005487        | .0023323        | .0017045        | .0143949        | .0159906        |
| %RSD   | 6.548204        | 5.072234        | 2.642412        | 3.481868        | 1.575195        | 4.228221        | 4.338835        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0193939 | .0522910 | .0206981 | .0660318 | .1072149 | .3239161 | .3512003 |
| #2 | .0173761 | .0519200 | .0202535 | .0652778 | .1072354 | .3472280 | .3717394 |
| #3 | .0173226 | .0568100 | .0213447 | .0696413 | .1101774 | .3502027 | .3826998 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0102714</b> | <b>.0106355</b> | <b>9.274188</b> | <b>.0216369</b> | <b>.1014584</b> | <b>.0536165</b> | <b>.1955227</b> |
| Stddev | .0001230        | .0002805        | .418227         | .0015981        | .0028669        | .0016290        | .0087577        |
| %RSD   | 1.197134        | 2.637524        | 4.509582        | 7.386084        | 2.825674        | 3.038300        | 4.479112        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0101956 | .0105412 | 8.817270 | .0198994 | .0998191 | .0534127 | .1856877 |
| #2 | .0102053 | .0104144 | 9.367244 | .0219673 | .0997874 | .0520989 | .1984028 |
| #3 | .0104133 | .0109511 | 9.638049 | .0230441 | .1047688 | .0553378 | .2024777 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0297081</b> | <b>8.385276</b> | <b>.0830912</b> | <b>.0184440</b> | <b>9.280554</b> | <b>.1035297</b> | <b>.1145109</b> |
| Stddev | .0012521        | .391986         | .0021911        | .0006814        | .137218         | .0024680        | .0050097        |
| %RSD   | 4.214785        | 4.674690        | 2.636937        | 3.694624        | 1.478554        | 2.383833        | 4.374904        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0283352 | 7.945022 | .0820755 | .0176819 | 9.178542 | .1033941 | .1087942 |
| #2 | .0300020 | 8.514382 | .0815923 | .0189946 | 9.226565 | .1011323 | .1166033 |
| #3 | .0307871 | 8.696426 | .0856058 | .0186554 | 9.436555 | .1060627 | .1181352 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>8.726535</b> | <b>.0170463</b> | <b>.0020180</b> | <b>.0202490</b> | <b>.1755959</b> | <b>.4598776</b> | <b>.0144890</b> |
| Stddev | .481677         | .0014675        | .0002304        | .0003795        | .0073847        | .0055411        | .0007099        |
| %RSD   | 5.519678        | 8.609094        | 11.41968        | 1.874153        | 4.205520        | 1.204900        | 4.899395        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.198907 | .0157716 | .0018970 | .0201313 | .1708033 | .4596479 | .0140813 |
| #2 | 8.837971 | .0186506 | .0018732 | .0199423 | .1718842 | .4544550 | .0140770 |
| #3 | 9.142726 | .0167167 | .0022837 | .0206734 | .1841002 | .4655300 | .0153087 |

Sample Name: PB165925BS      Acquired: 1/15/2025 14:19:23      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS925      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2053201</b> | <b>.0250314</b> | <b>.1732191</b> |
| Stddev | .0014775        | .0015102        | .0076248        |
| %RSD   | .7196154        | 6.033226        | 4.401807        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2067914</b> | <b>.0232923</b> | <b>.1648580</b> |
| #2 | <b>.2038365</b> | <b>.0260124</b> | <b>.1750110</b> |
| #3 | <b>.2053324</b> | <b>.0257895</b> | <b>.1797883</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>2864.092</b> | <b>61148.34</b> | <b>13396.81</b> | <b>1982.197</b> | <b>4430.756</b> |
| Stddev    | 63.628          | 2712.03         | 57.58           | 82.641          | 99.356          |
| %RSD      | 2.221588        | 4.435172        | .4298257        | 4.169151        | 2.242422        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2895.161 | 64214.61 | 13365.14 | 2076.748 | 4486.859 |
| #2 | 2906.218 | 60166.22 | 13463.27 | 1946.082 | 4489.370 |
| #3 | 2790.898 | 59064.18 | 13362.01 | 1923.760 | 4316.038 |

Sample Name: PB165941BL      Acquired: 1/15/2025 14:23:27      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBW941      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001088</b> | <b>-.000392</b> | <b>-.000457</b> | <b>.0023932</b> | <b>.0006543</b> | <b>.0013950</b> | <b>.0006702</b> |
| Stddev | .000584         | .000474         | .000155         | .0007947        | .0009959        | .0030251        | .0002791        |
| %RSD   | 53.66518        | 121.0946        | 33.99624        | 33.20578        | 152.2193        | 216.8574        | 41.65250        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000774</b> | <b>-.000933</b> | <b>-.000460</b> | <b>.0016628</b> | <b>.0008553</b> | <b>.0041280</b> | <b>.0004571</b> |
| #2 | <b>-.001762</b> | <b>-.000189</b> | <b>-.000300</b> | <b>.0022773</b> | <b>-.000427</b> | <b>.0019123</b> | <b>.0005672</b> |
| #3 | <b>-.000729</b> | <b>-.000053</b> | <b>-.000611</b> | <b>.0032395</b> | <b>.001534</b>  | <b>-.001855</b> | <b>.0009862</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000047</b> | <b>-.000021</b> | <b>.0031375</b> | <b>.0000730</b> | <b>-.000068</b> | <b>-.001020</b> | <b>-.000646</b> |
| Stddev | .000024         | .000089         | .0017134        | .0002704        | .000025         | .000153         | .000592         |
| %RSD   | 50.14492        | 435.3799        | 54.61149        | 370.3361        | 36.67471        | 15.03982        | 91.61661        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000054</b> | <b>-.000015</b> | <b>.0020809</b> | <b>-.000029</b> | <b>-.000055</b> | <b>-.001189</b> | <b>-.000009</b> |
| #2 | <b>-.000021</b> | <b>.000066</b>  | <b>.0022171</b> | <b>-.000131</b> | <b>-.000052</b> | <b>-.000888</b> | <b>-.001180</b> |
| #3 | <b>-.000066</b> | <b>-.000112</b> | <b>.0051144</b> | <b>.000380</b>  | <b>-.000097</b> | <b>-.000984</b> | <b>-.000749</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001697</b> | <b>.0091412</b> | <b>.0001248</b> | <b>-.000087</b> | <b>-.087759</b> | <b>.0006078</b> | <b>.0019066</b> |
| Stddev | .0001610        | .0004824        | .0001545        | .000108         | .157177         | .0009939        | .0015955        |
| %RSD   | 94.83588        | 5.277508        | 123.7654        | 124.2809        | 179.0997        | 163.5093        | 83.68214        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0002274</b> | <b>.0090978</b> | <b>-.000025</b> | <b>.000032</b>  | <b>-.119215</b> | <b>.0014531</b> | <b>.0034842</b> |
| #2 | <b>.0002939</b> | <b>.0086819</b> | <b>.000284</b>  | <b>-.000113</b> | <b>.082767</b>  | <b>-.000487</b> | <b>.0019419</b> |
| #3 | <b>-.000012</b> | <b>.0096438</b> | <b>.000116</b>  | <b>-.000180</b> | <b>-.226830</b> | <b>.000857</b>  | <b>.0002938</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.005371</b> | <b>.0016707</b> | <b>.0001801</b> | <b>-.000049</b> | <b>-.001014</b> | <b>.0008371</b> | <b>-.000188</b> |
| Stddev | .034360         | .0019898        | .0004242        | .000357         | .002477         | .0010554        | .000559         |
| %RSD   | 639.7924        | 119.1050        | 235.6055        | 723.2396        | 244.2183        | 126.0829        | 298.0000        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003111</b> | <b>-.000189</b> | <b>.0001853</b> | <b>.000012</b>  | <b>.001702</b>  | <b>-.000323</b> | <b>-.000592</b> |
| #2 | <b>.027804</b>  | <b>.003769</b>  | <b>-.000247</b> | <b>.000273</b>  | <b>-.003147</b> | <b>.001094</b>  | <b>-.000421</b> |
| #3 | <b>-.040805</b> | <b>.001432</b>  | <b>.000602</b>  | <b>-.000433</b> | <b>-.001597</b> | <b>.001740</b>  | <b>.000450</b>  |

Sample Name: PB165941BL      Acquired: 1/15/2025 14:23:27      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBW941      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000286</b> | <b>-.001975</b> | <b>-.000006</b> |
| Stddev | .000904         | .001267         | .000034         |
| %RSD   | 316.0772        | 64.14051        | 541.3932        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000143  | -.001337 | .000003  |
| #2 | -.001325 | -.003434 | .000022  |
| #3 | .000324  | -.001155 | -.000044 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2983.444</b> | <b>61856.23</b> | <b>13641.94</b> | <b>1997.670</b> | <b>4728.457</b> |
| Stddev    | 8.088           | 673.63          | 49.17           | 18.156          | 13.564          |
| %RSD      | .2710926        | 1.089026        | .3604590        | .9088739        | .2868654        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2991.803 | 61324.33 | 13586.25 | 1983.497 | 4743.941 |
| #2 | 2982.871 | 61630.65 | 13679.37 | 1991.378 | 4722.757 |
| #3 | 2975.657 | 62613.70 | 13660.21 | 2018.136 | 4718.673 |

Sample Name: PB165941BS      Acquired: 1/15/2025 14:27:37      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS941      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0189235 | .0514398 | .0208220 | .0652683 | .1039483 | .3333559 | .3598833 |
| Stddev | .0022595 | .0009314 | .0006648 | .0004275 | .0011871 | .0022383 | .0058415 |
| %RSD   | 11.94043 | 1.810588 | 3.192884 | .6549958 | 1.142032 | .6714549 | 1.623170 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0199417 | .0512747 | .0200944 | .0656454 | .1026828 | .3339202 | .3562912 |
| #2 | .0204948 | .0524427 | .0213979 | .0648038 | .1050374 | .3352581 | .3666237 |
| #3 | .0163340 | .0506020 | .0209736 | .0653555 | .1041246 | .3308894 | .3567352 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0102416 | .0104355 | 9.158944 | .0214136 | .0990039 | .0509989 | .1910754 |
| Stddev | .0000864 | .0000359 | .121957  | .0002181 | .0001760 | .0003064 | .0048664 |
| %RSD   | .8437479 | .3443958 | 1.331565 | 1.018488 | .1777766 | .6008022 | 2.546850 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0103391 | .0104765 | 9.043855 | .0212118 | .0990437 | .0513467 | .1858560 |
| #2 | .0101746 | .0104207 | 9.286770 | .0213839 | .0988114 | .0507687 | .1918823 |
| #3 | .0102110 | .0104094 | 9.146207 | .0216450 | .0991566 | .0508814 | .1954880 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0290620 | 8.189416 | .0812663 | .0183613 | 9.073374 | .1026369 | .1113707 |
| Stddev | .0003916 | .101716  | .0004787 | .0000602 | .064763  | .0005316 | .0017054 |
| %RSD   | 1.347384 | 1.242038 | .5891033 | .3278200 | .7137662 | .5178987 | 1.531237 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0287198 | 8.084725 | .0809450 | .0183437 | 9.111100 | .1032500 | .1096000 |
| #2 | .0294891 | 8.287870 | .0810374 | .0184284 | 9.110428 | .1023049 | .1130021 |
| #3 | .0289773 | 8.195653 | .0818165 | .0183119 | 8.998593 | .1023560 | .1115099 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.471789 | .0176749 | .0014415 | .0196596 | .1754014 | .4518224 | .0133794 |
| Stddev | .172926  | .0015728 | .0004089 | .0001705 | .0007865 | .0023830 | .0001571 |
| %RSD   | 2.041199 | 8.898461 | 28.36614 | .8672386 | .4483832 | .5274187 | 1.174401 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.289657 | .0190918 | .0014823 | .0196879 | .1753667 | .4518047 | .0133036 |
| #2 | 8.633737 | .0179504 | .0010138 | .0194767 | .1746328 | .4542142 | .0135601 |
| #3 | 8.491972 | .0159826 | .0018285 | .0198141 | .1762046 | .4494483 | .0132746 |

Sample Name: PB165941BS      Acquired: 1/15/2025 14:27:37      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS941      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2009451 | .0234934 | .1691363 |
| Stddev | .0005516 | .0003905 | .0023048 |
| %RSD   | .2745236 | 1.662032 | 1.362679 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2014665 | .0237333 | .1673589 |
| #2 | .2010012 | .0237041 | .1717404 |
| #3 | .2003676 | .0230428 | .1683096 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2932.808 | 61330.53 | 13418.89 | 2024.717 | 4503.191 |
| Stddev    | 13.983   | 600.57   | 56.47    | 26.254   | 17.283   |
| %RSD      | .4767804 | .9792334 | .4208465 | 1.296689 | .3837969 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2920.187 | 61893.88 | 13362.62 | 2052.700 | 4490.755 |
| #2 | 2947.840 | 60698.62 | 13475.56 | 2000.626 | 4522.927 |
| #3 | 2930.397 | 61399.11 | 13418.50 | 2020.826 | 4495.893 |

Sample Name: PB165942BL      Acquired: 1/15/2025 14:31:40      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBW942      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002266 | -.001433 | .0004216 | .0016031 | -.000574 | .0030349 | .0025165 |
| Stddev | .001811  | .001053  | .0006582 | .0016446 | .000754  | .0033351 | .0005239 |
| %RSD   | 79.93635 | 73.50476 | 156.1101 | 102.5840 | 131.2942 | 109.8919 | 20.81788 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003727 | -.002250 | .0002960 | .0008756 | -.000365 | .0034516 | .0023762 |
| #2 | -.002830 | -.001804 | .0011335 | .0034860 | .000053  | .0061420 | .0020771 |
| #3 | -.000239 | -.000244 | -.000165 | .0004479 | -.001411 | -.000489 | .0030963 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000039 | -.000009 | -.006139 | .0000581 | .0000944 | -.001552 | -.000442 |
| Stddev | .000051  | .000006  | .003652  | .0003350 | .0002261 | .000730  | .001555  |
| %RSD   | 132.5072 | 69.97118 | 59.48896 | 576.4888 | 239.6341 | 47.05882 | 352.0575 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000093 | -.000014 | -.007219 | .0002916 | -.000149 | -.001429 | -.002213 |
| #2 | .000009  | -.000010 | -.002069 | -.000326 | .000133  | -.002336 | .000185  |
| #3 | -.000032 | -.000002 | -.009129 | .000208  | .000298  | -.000891 | .000702  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000021 | .0059554 | .0002463 | -.000323 | .1114402 | .0001539 | .0011129 |
| Stddev | .000114  | .0047508 | .0001238 | .000316  | .2070948 | .0010348 | .0015728 |
| %RSD   | 544.8570 | 79.77328 | 50.25584 | 97.75609 | 185.8349 | 672.5581 | 141.3212 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000025 | .0012323 | .0003596 | -.000527 | .0097465 | -.000921 | .0024378 |
| #2 | .000095  | .0059004 | .0002652 | -.000484 | -.025148 | .000238  | -.000625 |
| #3 | -.000133 | .0107336 | .0001142 | .000041  | .349722  | .001144  | .001526  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.033515 | -.001974 | .0004883 | .0002416 | -.001624 | -.000761 | -.000472 |
| Stddev | .023069  | .001312  | .0009292 | .0003231 | .001355  | .000847  | .000192  |
| %RSD   | 68.83178 | 66.46195 | 190.2915 | 133.7245 | 83.44768 | 111.3917 | 40.72837 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.053889 | -.003165 | -.000585 | .0006147 | -.003188 | -.001389 | -.000474 |
| #2 | -.008466 | -.002190 | .001040  | .0000536 | -.000812 | -.001097 | -.000279 |
| #3 | -.038191 | -.000568 | .001010  | .0000566 | -.000872 | .000203  | -.000663 |

Sample Name: PB165942BL      Acquired: 1/15/2025 14:31:40      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBW942      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361          | Li6707          | Sr4077          |
|--------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000884</b> | <b>-.002402</b> | <b>.0000289</b> |
| Stddev | .000245         | .000615         | .0000192        |
| %RSD   | 27.67252        | 25.60485        | 66.58623        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000860</b> | <b>-.003099</b> | <b>.0000509</b> |
| #2 | <b>-.001141</b> | <b>-.002173</b> | <b>.0000200</b> |
| #3 | <b>-.000653</b> | <b>-.001935</b> | <b>.0000156</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>2991.075</b> | <b>61992.24</b> | <b>13383.30</b> | <b>2044.315</b> | <b>4656.301</b> |
| Stddev    | 27.395          | 134.45          | 161.26          | 14.647          | 54.502          |
| %RSD      | .9158876        | .2168885        | 1.204898        | .7164955        | 1.170491        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2960.924 | 61850.64 | 13268.60 | 2028.495 | 4596.705 |
| #2 | 2997.866 | 62007.90 | 13313.62 | 2047.042 | 4668.587 |
| #3 | 3014.436 | 62118.18 | 13567.68 | 2057.407 | 4703.611 |

Sample Name: PB165942BS      Acquired: 1/15/2025 14:35:50      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS942      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0170509 | .0506912 | .0192483 | .0625630 | .1034711 | .3325300 | .3607511 |
| Stddev | .0026237 | .0001051 | .0005447 | .0019563 | .0012771 | .0040276 | .0026864 |
| %RSD   | 15.38756 | .2072604 | 2.829938 | 3.126941 | 1.234247 | 1.211203 | .7446538 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0142220 | .0505972 | .0195598 | .0603047 | .1020026 | .3369143 | .3636218 |
| #2 | .0194044 | .0506718 | .0186194 | .0636447 | .1040882 | .3316814 | .3582979 |
| #3 | .0175262 | .0508046 | .0195659 | .0637396 | .1043224 | .3289943 | .3603337 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0100912 | .0101091 | 9.068286 | .0212976 | .0964481 | .0494352 | .1917938 |
| Stddev | .0000995 | .0000655 | .054504  | .0005356 | .0009041 | .0009274 | .0027327 |
| %RSD   | .9865173 | .6478615 | .6010370 | 2.514962 | .9373547 | 1.875970 | 1.424823 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0101055 | .0100344 | 9.098451 | .0218350 | .0958072 | .0504037 | .1931588 |
| #2 | .0099853 | .0101360 | 9.005368 | .0207637 | .0960550 | .0485552 | .1886474 |
| #3 | .0101829 | .0101568 | 9.101038 | .0212941 | .0974822 | .0493467 | .1935750 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0291830 | 8.114649 | .0792239 | .0184208 | 9.171653 | .1025857 | .1128489 |
| Stddev | .0001669 | .073154  | .0001436 | .0001579 | .357017  | .0009798 | .0026929 |
| %RSD   | .5720761 | .9015017 | .1812986 | .8572513 | 3.892612 | .9551489 | 2.386325 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0293660 | 8.094494 | .0790583 | .0185537 | 9.313266 | .1028942 | .1153731 |
| #2 | .0291440 | 8.053686 | .0793149 | .0182462 | 9.436138 | .1014888 | .1100141 |
| #3 | .0290391 | 8.195767 | .0792985 | .0184624 | 8.765555 | .1033742 | .1131593 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.408165 | .0159133 | .0015631 | .0191575 | .1688085 | .4485877 | .0139327 |
| Stddev | .043757  | .0006237 | .0000697 | .0000422 | .0042540 | .0062435 | .0005587 |
| %RSD   | .5204151 | 3.919582 | 4.458578 | .2200370 | 2.520042 | 1.391813 | 4.010233 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.384075 | .0165158 | .0014913 | .0191101 | .1683165 | .4556414 | .0145624 |
| #2 | 8.381747 | .0159536 | .0015675 | .0191908 | .1648218 | .4463516 | .0134963 |
| #3 | 8.458674 | .0152703 | .0016305 | .0191716 | .1732871 | .4437702 | .0137394 |

Sample Name: PB165942BS      Acquired: 1/15/2025 14:35:50      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS942      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1986449</b> | <b>.0237767</b> | <b>.1687681</b> |
| Stddev | .0007215        | .0004104        | .0007118        |
| %RSD   | .3631877        | 1.725947        | .4217948        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1988564</b> | <b>.0233582</b> | <b>.1692637</b> |
| #2 | <b>.1978413</b> | <b>.0237936</b> | <b>.1679524</b> |
| #3 | <b>.1992369</b> | <b>.0241784</b> | <b>.1690881</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>2948.350</b> | <b>60904.24</b> | <b>13376.89</b> | <b>1999.230</b> | <b>4533.341</b> |
| Stddev    | 20.490          | 424.00          | 68.91           | 23.886          | 25.004          |
| %RSD      | .6949521        | .6961680        | .5151661        | 1.194763        | .5515631        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2969.406</b> | <b>60927.69</b> | <b>13353.69</b> | <b>2005.596</b> | <b>4557.018</b> |
| #2 | <b>2947.166</b> | <b>61316.02</b> | <b>13454.41</b> | <b>2019.288</b> | <b>4535.812</b> |
| #3 | <b>2928.479</b> | <b>60469.01</b> | <b>13322.57</b> | <b>1972.806</b> | <b>4507.193</b> |

Sample Name: P5388-11DLX2      Acquired: 1/15/2025 14:39:54      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D56      Custom ID2:      Custom ID3:  
Comment:

|        |          |           |            |          |          |          |
|--------|----------|-----------|------------|----------|----------|----------|
| Elem   | As1890   | Tl1908    | Pb2203     | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm       | ppm        | ppm      | ppm      | ppm      |
| Avg    | 8.614236 | -0.001608 | F 345.4195 | .1782604 | 1.546475 | 12.14180 |
| Stddev | .045525  | .004538   | 1.6923     | .0027035 | .009599  | .03215   |
| %RSD   | .5284813 | 282.1558  | .4899381   | 1.516574 | .6206844 | .2647911 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 8.650702 | -.003829 | 346.9751 | .1751433 | 1.553321 | 12.12784 |
| #2 | 8.628792 | -.004608 | 345.6662 | .1799644 | 1.550601 | 12.11899 |
| #3 | 8.563213 | .003612  | 343.6174 | .1796736 | 1.535503 | 12.17857 |

|        |          |           |          |          |          |          |
|--------|----------|-----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348    | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm       | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.663088 | -0.000488 | .0645348 | 7.848589 | .0283589 | .0161212 |
| Stddev | .005217  | .000183   | .0005238 | .041117  | .0003272 | .0004274 |
| %RSD   | .1958960 | 37.57008  | .8117156 | .5238795 | 1.153675 | 2.651310 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.657570 | -.000365 | .0650434 | 7.830069 | .0281105 | .0156483 |
| #2 | 2.663753 | -.000400 | .0645639 | 7.895708 | .0282366 | .0164800 |
| #3 | 2.667940 | -.000699 | .0639969 | 7.819988 | .0287296 | .0162352 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Cu3247     | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 33.22097 | 497.1407 | 5.912629 | 2.766554 | .0261838 | 1.022978 |
| Stddev | .41277     | 7.0377   | .017131  | .015247  | .0008179 | .000557  |
| %RSD   | 1.242490   | 1.415634 | .2897356 | .5511040 | 3.123688 | .0544932 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 33.55502 | 492.6246 | 5.894316 | 2.749786 | .0257507 | 1.022472 |
| #2 | 32.75952 | 493.5477 | 5.928262 | 2.770291 | .0271271 | 1.022887 |
| #3 | 33.34836 | 505.2496 | 5.915310 | 2.779584 | .0256734 | 1.023576 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2336782 | .0703551 | 16.10377 | 7.061112 | 2.847395 | 2.014280 |
| Stddev | .2150392 | .0013003 | .08172   | .062520  | .013377  | .033185  |
| %RSD   | 92.02365 | 1.848123 | .5074796 | .8854080 | .4698019 | 1.647471 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1409001 | .0690128 | 16.06852 | 6.988973 | 2.854782 | 1.989153 |
| #2 | .4795316 | .0704439 | 16.19720 | 7.099568 | 2.855450 | 2.001789 |
| #3 | .0806029 | .0716087 | 16.04558 | 7.094795 | 2.831953 | 2.051897 |

Sample Name: P5388-11DLX2      Acquired: 1/15/2025 14:39:54      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D56      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                 |                 |                 |                 |
|--------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.734572</b> | <b>F 89.89154</b> | <b>4.169550</b> | <b>.2498732</b> | <b>.2183026</b> | <b>.0105653</b> |
| Stddev | .011422         | .49506            | .051889         | .0025304        | .0039716        | .0003509        |
| %RSD   | .6584772        | .5507251          | 1.244486        | 1.012674        | 1.819318        | 3.321407        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.743635 | 90.34389 | 4.210166 | .2524872 | .2205235 | .0101796 |
| #2 | 1.738338 | 89.96803 | 4.111094 | .2496967 | .2137173 | .0106505 |
| #3 | 1.721743 | 89.36269 | 4.187390 | .2474357 | .2206669 | .0108657 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.9942045</b> |
| Stddev | .0040037        |
| %RSD   | .4027079        |

|    |          |
|----|----------|
| #1 | .9899113 |
| #2 | .9948657 |
| #3 | .9978365 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2812.210</b> | <b>59861.51</b> | <b>13706.26</b> | <b>1855.720</b> | <b>4408.957</b> |
| Stddev    | 18.789          | 66.41           | 172.81          | 5.627           | 26.878          |
| %RSD      | .6681295        | .1109337        | 1.260826        | .3032272        | .6096302        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2802.464 | 59903.20 | 13548.47 | 1857.147 | 4396.709 |
| #2 | 2800.296 | 59784.93 | 13890.94 | 1849.516 | 4390.383 |
| #3 | 2833.870 | 59896.40 | 13679.36 | 1860.495 | 4439.778 |

Sample Name: P5388-12DLX4      Acquired: 1/15/2025 14:44:10      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D59      Custom ID2:      Custom ID3:  
Comment:

|        |          |           |            |          |          |          |
|--------|----------|-----------|------------|----------|----------|----------|
| Elem   | As1890   | Tl1908    | Pb2203     | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm       | ppm        | ppm      | ppm      | ppm      |
| Avg    | 4.457095 | -0.001552 | F 190.5500 | .0945584 | .7864371 | 6.226004 |
| Stddev | .051869  | .001899   | 1.6175     | .0019442 | .0091775 | .083927  |
| %RSD   | 1.163743 | 122.3415  | .8488365   | 2.056036 | 1.166972 | 1.348012 |

|    |          |           |          |          |          |          |
|----|----------|-----------|----------|----------|----------|----------|
| #1 | 4.423175 | -0.002291 | 189.1546 | .0928049 | .7825190 | 6.204645 |
| #2 | 4.516804 | -0.002971 | 192.3228 | .0966491 | .7969233 | 6.154820 |
| #3 | 4.431307 | .000605   | 190.1725 | .0942212 | .7798689 | 6.318547 |

|        |          |           |          |          |          |          |
|--------|----------|-----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348    | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm       | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.351486 | -0.000395 | .0335476 | 4.012843 | .0144700 | .0082455 |
| Stddev | .013333  | .000146   | .0003743 | .033852  | .0007384 | .0001212 |
| %RSD   | .9865696 | 36.93425  | 1.115604 | .8435914 | 5.103318 | 1.469793 |

|    |          |           |          |          |          |          |
|----|----------|-----------|----------|----------|----------|----------|
| #1 | 1.349756 | -0.000333 | .0333153 | 4.003649 | .0143448 | .0083516 |
| #2 | 1.339102 | -0.000291 | .0339793 | 3.984537 | .0138021 | .0082715 |
| #3 | 1.365600 | -0.000562 | .0333481 | 4.050342 | .0152630 | .0081134 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.83329 | 260.7850 | 3.028955 | 1.446260 | .0148100 | .5257667 |
| Stddev | .47787   | 3.9060   | .037348  | .022907  | .0004805 | .0094262 |
| %RSD   | 2.838867 | 1.497776 | 1.233045 | 1.583849 | 3.244220 | 1.792853 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 17.10845 | 259.4539 | 3.014046 | 1.431584 | .0148773 | .5212271 |
| #2 | 17.10994 | 257.7185 | 3.001363 | 1.434541 | .0152532 | .5194693 |
| #3 | 16.28149 | 265.1825 | 3.071455 | 1.472655 | .0142994 | .5366038 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0058872 | .0346279 | 8.184490 | 3.589233 | 1.503887 | 1.061268 |
| Stddev | .0979668 | .0008042 | .103414  | .054105  | .015360  | .022630  |
| %RSD   | 1664.068 | 2.322471 | 1.263531 | 1.507434 | 1.021321 | 2.132387 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0676340 | .0347855 | 8.153806 | 3.557957 | 1.489057 | 1.053534 |
| #2 | -.107071 | .0353416 | 8.099891 | 3.558034 | 1.519726 | 1.043519 |
| #3 | .057099  | .0337565 | 8.299773 | 3.651709 | 1.502877 | 1.086751 |

Sample Name: P5388-12DLX4      Acquired: 1/15/2025 14:44:10      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D59      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                 |                 |                 |                 |
|--------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8786194</b> | <b>F 48.87983</b> | <b>2.118146</b> | <b>.1301266</b> | <b>.1104967</b> | <b>.0033130</b> |
| Stddev | .0091601        | .44606            | .057528         | .0008127        | .0018764        | .0006168        |
| %RSD   | 1.042551        | .9125647          | 2.715979        | .6245709        | 1.698168        | 18.61805        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8727160 | 48.52138 | 2.147470 | .1297530 | .1112293 | .0034260 |
| #2 | .8891717 | 49.37937 | 2.155104 | .1310590 | .1118963 | .0026475 |
| #3 | .8739706 | 48.73873 | 2.051864 | .1295679 | .1083645 | .0038654 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.5025967</b> |
| Stddev | .0051450        |
| %RSD   | 1.023680        |

|    |          |
|----|----------|
| #1 | .5016401 |
| #2 | .4979972 |
| #3 | .5081529 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2838.199</b> | <b>59976.83</b> | <b>13787.29</b> | <b>1898.060</b> | <b>4385.411</b> |
| Stddev    | 24.645          | 1013.12         | 288.39          | 29.946          | 32.026          |
| %RSD      | .8683290        | 1.689180        | 2.091740        | 1.577693        | .7302874        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2850.699 | 60329.52 | 13613.23 | 1897.226 | 4406.068 |
| #2 | 2809.809 | 60766.47 | 13628.47 | 1928.414 | 4348.519 |
| #3 | 2854.089 | 58834.51 | 14120.19 | 1868.540 | 4401.648 |

Sample Name: P5393-17      Acquired: 1/15/2025 14:48:05      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D76      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0267919 | -.006708 | 3.436312 | .0024140 | .0158570 | 24.53811 |
| Stddev | .0010924 | .001993  | .018278  | .0020825 | .0006504 | .17266   |
| %RSD   | 4.077485 | 29.70621 | .5319150 | 86.26807 | 4.101684 | .7036389 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0280208 | -.008826 | 3.456632 | .0046587 | .0156491 | 24.35284 |
| #2 | .0264240 | -.006428 | 3.421210 | .0005447 | .0165859 | 24.56694 |
| #3 | .0259308 | -.004870 | 3.431094 | .0020387 | .0153359 | 24.69453 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0307608 | .0225122 | .0681994 | 340.4315 | .0893079 | .0275352 |
| Stddev | .0003860 | .0001202 | .0005646 | 1.2178   | .0006920 | .0003700 |
| %RSD   | 1.254732 | .5337465 | .8278424 | .3577104 | .7748180 | 1.343874 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0311568 | .0224785 | .0688455 | 339.1332 | .0885243 | .0279411 |
| #2 | .0303857 | .0226456 | .0678011 | 340.6131 | .0895646 | .0272167 |
| #3 | .0307401 | .0224125 | .0679514 | 341.5483 | .0898348 | .0274479 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 7.603099 | 108.7806 | F 112.3022 | 3.954800 | .0694241 | .0318825 |
| Stddev | .036763  | .7162    | .2898      | .010339  | .0007636 | .0004840 |
| %RSD   | .4835273 | .6583620 | .2580513   | .2614225 | 1.099909 | 1.517997 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.564101 | 108.0566 | 112.4939 | 3.945286 | .0703034 | .0313236 |
| #2 | 7.637120 | 108.7964 | 111.9688 | 3.953311 | .0690417 | .0321658 |
| #3 | 7.608078 | 109.4887 | 112.4438 | 3.965802 | .0689273 | .0321580 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.166340 | .0062405 | 10.68084 | 2.553642 | 3.701092 | .6954860 |
| Stddev | .026934  | .0001622 | .04532   | .010112  | .029409  | .0026247 |
| %RSD   | .8506215 | 2.598309 | .4243131 | .3959807 | .7945936 | .3773857 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.194863 | .0061761 | 10.72819 | 2.542219 | 3.735021 | .6924554 |
| #2 | 3.141343 | .0064250 | 10.63786 | 2.557258 | 3.682909 | .6970233 |
| #3 | 3.162815 | .0061205 | 10.67647 | 2.561448 | 3.685345 | .6969792 |

Sample Name: P5393-17      Acquired: 1/15/2025 14:48:05      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D76      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                 |                 |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.002917</b> | <b>F 570.3655</b> | <b>F 13.57936</b> | <b>-.003589</b> | <b>.0045822</b> | <b>.0214211</b> |
| Stddev | .000585         | 3.6335            | .06090            | .000843         | .0004214        | .0001050        |
| %RSD   | 20.07276        | .6370506          | .4484603          | 23.47939        | 9.196355        | .4902470        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002252</b> | <b>574.1097</b> | <b>13.53834</b> | <b>-.003905</b> | <b>.0050627</b> | <b>.0213346</b> |
| #2 | <b>-.003141</b> | <b>566.8539</b> | <b>13.64933</b> | <b>-.002634</b> | <b>.0042755</b> | <b>.0213906</b> |
| #3 | <b>-.003357</b> | <b>570.1328</b> | <b>13.55041</b> | <b>-.004229</b> | <b>.0044084</b> | <b>.0215379</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.2274997</b> |
| Stddev | .0020048        |
| %RSD   | .8812139        |

|    |                 |
|----|-----------------|
| #1 | <b>.2254595</b> |
| #2 | <b>.2275727</b> |
| #3 | <b>.2294670</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>3241.445</b> | <b>69500.18</b> | <b>15674.67</b> | <b>2252.186</b> | <b>4019.708</b> |
| Stddev    | 13.081          | 367.48          | 86.95           | 6.696           | 14.438          |
| %RSD      | .4035470        | .5287470        | .5547087        | .2973230        | .3591702        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3229.928</b> | <b>69906.03</b> | <b>15701.20</b> | <b>2244.471</b> | <b>4003.184</b> |
| #2 | <b>3238.739</b> | <b>69404.54</b> | <b>15577.55</b> | <b>2255.592</b> | <b>4026.061</b> |
| #3 | <b>3255.667</b> | <b>69189.99</b> | <b>15745.26</b> | <b>2256.494</b> | <b>4029.880</b> |

Sample Name: P5393-18      Acquired: 1/15/2025 14:52:15      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D76D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0245113 | .0055703 | 3.457119 | .0035712 | .0155593 | 23.48417 |
| Stddev | .0025470 | .0038401 | .005121  | .0018943 | .0009320 | .35851   |
| %RSD   | 10.39128 | 68.93872 | .1481385 | 53.04397 | 5.990212 | 1.526612 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0237491 | .0068927 | 3.462977 | .0022729 | .0147608 | 23.55438 |
| #2 | .0224324 | .0012437 | 3.453492 | .0057449 | .0165834 | 23.80238 |
| #3 | .0273525 | .0085744 | 3.454887 | .0026958 | .0153337 | 23.09574 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0310942 | .0223148 | .0695106 | 330.7188 | .0894724 | .0280726 |
| Stddev | .0003796 | .0001090 | .0002617 | 5.0611   | .0006450 | .0001203 |
| %RSD   | 1.220900 | .4882186 | .3764347 | 1.530335 | .7208348 | .4283597 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0314514 | .0222206 | .0697805 | 335.1820 | .0901165 | .0281964 |
| #2 | .0311358 | .0222897 | .0694932 | 331.7544 | .0894739 | .0280652 |
| #3 | .0306955 | .0224341 | .0692581 | 325.2199 | .0888266 | .0279562 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 7.534633 | 105.0747 | F 110.3762 | 3.870384 | .0695962 | .0307626 |
| Stddev | .023595  | 1.4192   | 1.2272     | .025622  | .0002227 | .0005493 |
| %RSD   | .3131565 | 1.350692 | 1.111806   | .6619916 | .3200305 | 1.785537 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.533103 | 105.4756 | 110.5996 | 3.885423 | .0695485 | .0301769 |
| #2 | 7.511840 | 106.2503 | 111.4762 | 3.884929 | .0698389 | .0312662 |
| #3 | 7.558955 | 103.4981 | 109.0526 | 3.840800 | .0694012 | .0308448 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.246325 | .0058819 | 10.21237 | 2.374118 | 3.714097 | .6790006 |
| Stddev | .144921  | .0015586 | .13268   | .115933  | .011308  | .0039559 |
| %RSD   | 4.464152 | 26.49812 | 1.299236 | 4.883201 | .3044735 | .5826061 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.231164 | .0041310 | 10.21593 | 2.413870 | 3.722364 | .6817089 |
| #2 | 3.109580 | .0071180 | 10.34323 | 2.464946 | 3.701210 | .6808321 |
| #3 | 3.398230 | .0063968 | 10.07793 | 2.243538 | 3.718717 | .6744609 |

Sample Name: P5393-18      Acquired: 1/15/2025 14:52:15      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D76D      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                 |                 |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.003147</b> | <b>F 567.2120</b> | <b>F 13.59897</b> | <b>-.003978</b> | <b>.0048311</b> | <b>.0200966</b> |
| Stddev | .000117         | 1.8055            | .10493            | .000393         | .0008808        | .0004073        |
| %RSD   | 3.708492        | .3183056          | .7715775          | 9.875844        | 18.23197        | 2.026680        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003272</b> | <b>569.2529</b> | <b>13.58423</b> | <b>-.003584</b> | <b>.0045753</b> | <b>.0199874</b> |
| #2 | <b>-.003041</b> | <b>565.8231</b> | <b>13.50219</b> | <b>-.003980</b> | <b>.0058115</b> | <b>.0205474</b> |
| #3 | <b>-.003129</b> | <b>566.5600</b> | <b>13.71049</b> | <b>-.004370</b> | <b>.0041065</b> | <b>.0197551</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.2186124</b> |
| Stddev | .0038202        |
| %RSD   | 1.747473        |

|    |                 |
|----|-----------------|
| #1 | <b>.2194725</b> |
| #2 | <b>.2219292</b> |
| #3 | <b>.2144355</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>3299.722</b> | <b>69955.81</b> | <b>15317.08</b> | <b>2318.737</b> | <b>4051.253</b> |
| Stddev    | 17.330          | 349.64          | 245.58          | 17.365          | 9.185           |
| %RSD      | .5251916        | .4998076        | 1.603282        | .7488995        | .2267228        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3308.098</b> | <b>69711.61</b> | <b>15334.75</b> | <b>2320.089</b> | <b>4057.270</b> |
| #2 | <b>3311.273</b> | <b>69799.47</b> | <b>15553.35</b> | <b>2300.736</b> | <b>4055.807</b> |
| #3 | <b>3279.796</b> | <b>70356.34</b> | <b>15063.15</b> | <b>2335.387</b> | <b>4040.680</b> |

Sample Name: P5393-17LX5      Acquired: 1/15/2025 14:56:26      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D76L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0025518 | -.009519 | .7089805 | .0028081 | .0036727 | 5.239438 |
| Stddev | .0006821 | .000362  | .0057379 | .0033457 | .0009346 | .019951  |
| %RSD   | 26.73080 | 3.801690 | .8093209 | 119.1445 | 25.44653 | .3807781 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0021918 | -.009452 | .7053200 | -.000909 | .0026449 | 5.262423 |
| #2 | .0021252 | -.009194 | .7060279 | .003754  | .0044715 | 5.226608 |
| #3 | .0033385 | -.009909 | .7155934 | .005579  | .0039017 | 5.229283 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0119648 | .0054111 | .0135911 | 74.99187 | .0213542 | .0054911 |
| Stddev | .0008993 | .0000884 | .0001268 | .29669   | .0004524 | .0001744 |
| %RSD   | 7.516080 | 1.632987 | .9326942 | .3956279 | 2.118497 | 3.175338 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0117382 | .0055080 | .0135725 | 75.30389 | .0213469 | .0056830 |
| #2 | .0129557 | .0053350 | .0134746 | 74.95836 | .0209055 | .0053424 |
| #3 | .0112005 | .0053904 | .0137261 | 74.71336 | .0218102 | .0054479 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.736164 | 24.44659 | 27.38154 | .9099332 | .0141360 | .0068559 |
| Stddev | .006150  | .11997   | .34718   | .0100393 | .0002503 | .0001824 |
| %RSD   | .3542270 | .4907300 | 1.267946 | 1.103299 | 1.770556 | 2.660357 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.743062 | 24.58394 | 27.78207 | .9165823 | .0138839 | .0069239 |
| #2 | 1.731253 | 24.39347 | 27.16664 | .8983849 | .0141396 | .0069945 |
| #3 | 1.734177 | 24.36234 | 27.19589 | .9148323 | .0143844 | .0066493 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5235744 | .0041532 | 2.318567 | .4826858 | .7091554 | .1624217 |
| Stddev | .2453900 | .0011648 | .007710  | .0102145 | .0037129 | .0004990 |
| %RSD   | 46.86823 | 28.04452 | .3325410 | 2.116181 | .5235728 | .3072515 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3244273 | .0030305 | 2.319755 | .4822668 | .7049139 | .1624214 |
| #2 | .7977091 | .0053559 | 2.325615 | .4931034 | .7118177 | .1619229 |
| #3 | .4485867 | .0040732 | 2.310333 | .4726873 | .7107346 | .1629210 |

Sample Name: P5393-17LX5      Acquired: 1/15/2025 14:56:26      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D76L      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                 |                 |                 |                 |
|--------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000647</b> | <b>F 121.5869</b> | <b>3.150455</b> | <b>-.003377</b> | <b>.0006400</b> | <b>.0040563</b> |
| Stddev | .000118         | .4295             | .016668         | .000243         | .0003095        | .0006599        |
| %RSD   | 18.18243        | .3532210          | .5290754        | 7.195466        | 48.35667        | 16.26709        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000707</b> | <b>121.1504</b> | <b>3.155340</b> | <b>-.003099</b> | <b>.0009581</b> | <b>.0041532</b> |
| #2 | <b>-.000512</b> | <b>121.6014</b> | <b>3.164135</b> | <b>-.003545</b> | <b>.0003400</b> | <b>.0033534</b> |
| #3 | <b>-.000724</b> | <b>122.0090</b> | <b>3.131890</b> | <b>-.003489</b> | <b>.0006218</b> | <b>.0046624</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0484113</b> |
| Stddev | .0003558        |
| %RSD   | .7350127        |

|    |                 |
|----|-----------------|
| #1 | <b>.0487920</b> |
| #2 | <b>.0480871</b> |
| #3 | <b>.0483546</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>3013.939</b> | <b>61682.86</b> | <b>13024.22</b> | <b>2045.902</b> | <b>4400.109</b> |
| Stddev    | 3.524           | 176.19          | 49.02           | 8.270           | 12.634          |
| %RSD      | .1169267        | .2856419        | .3763957        | .4042118        | .2871268        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3011.344</b> | <b>61522.52</b> | <b>13032.37</b> | <b>2046.949</b> | <b>4403.992</b> |
| #2 | <b>3017.951</b> | <b>61654.57</b> | <b>12971.64</b> | <b>2037.159</b> | <b>4410.346</b> |
| #3 | <b>3012.522</b> | <b>61871.48</b> | <b>13068.66</b> | <b>2053.599</b> | <b>4385.990</b> |

Sample Name: P5393-19      Acquired: 1/15/2025 15:00:36      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D76S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0534408 | .0556305 | 3.448537 | .0842968 | .0885395 | 24.51391 |
| Stddev | .0024742 | .0046628 | .031817  | .0019212 | .0013820 | .11099   |
| %RSD   | 4.629832 | 8.381821 | .9226103 | 2.279046 | 1.560889 | .4527715 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0562714 | .0594979 | 3.469611 | .0840818 | .0879714 | 24.51399 |
| #2 | .0516900 | .0504526 | 3.411938 | .0824922 | .0875322 | 24.62486 |
| #3 | .0523611 | .0569409 | 3.464062 | .0863164 | .0901151 | 24.40287 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.500562 | .0677456 | .1212552 | 331.3167 | .2807552 | .5300782 |
| Stddev | .006143  | .0006510 | .0011107 | .9138    | .0013997 | .0046938 |
| %RSD   | .4093819 | .9610022 | .9160217 | .2757956 | .4985546 | .8854886 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.504136 | .0670134 | .1222423 | 332.3578 | .2791998 | .5324673 |
| #2 | 1.504081 | .0679641 | .1200525 | 330.9450 | .2811523 | .5246705 |
| #3 | 1.493469 | .0682592 | .1214707 | 330.6475 | .2819134 | .5330967 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 7.513981 | 105.8623 | F 108.1055 | 3.897818 | .5745710 | .0624560 |
| Stddev | .015260  | .5276    | .6919      | .036910  | .0050116 | .0003110 |
| %RSD   | .2030830 | .4984286 | .6400595   | .9469279 | .8722308 | .4978643 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.505030 | 105.7261 | 107.5374 | 3.889262 | .5768545 | .0622328 |
| #2 | 7.505312 | 106.4447 | 108.8761 | 3.938255 | .5688244 | .0628112 |
| #3 | 7.531601 | 105.4161 | 107.9029 | 3.865939 | .5780342 | .0623241 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.020295 | .4332020 | 10.46790 | 2.334622 | 3.602818 | .6853262 |
| Stddev | .210793  | .0027119 | .02441   | .029050  | .030363  | .0041204 |
| %RSD   | 6.979232 | .6260048 | .2332210 | 1.244317 | .8427680 | .6012356 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.779926 | .4322475 | 10.45079 | 2.320874 | 3.631858 | .6811643 |
| #2 | 3.107302 | .4310965 | 10.49586 | 2.367995 | 3.571285 | .6894038 |
| #3 | 3.173658 | .4362621 | 10.45705 | 2.314998 | 3.605310 | .6854106 |

Sample Name: P5393-19      Acquired: 1/15/2025 15:00:36      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D76S      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                 |                 |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.003161</b> | <b>F 555.5812</b> | <b>F 13.48796</b> | <b>-.003352</b> | <b>.0042697</b> | <b>.0198435</b> |
| Stddev | .000196         | 4.2063            | .05257            | .001632         | .0000793        | .0007069        |
| %RSD   | 6.212311        | .7571024          | .3897844          | 48.69296        | 1.857231        | 3.562588        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002957</b> | <b>558.2616</b> | <b>13.43355</b> | <b>-.002723</b> | <b>.0043482</b> | <b>.0202401</b> |
| #2 | <b>-.003175</b> | <b>550.7332</b> | <b>13.49184</b> | <b>-.005205</b> | <b>.0042714</b> | <b>.0202631</b> |
| #3 | <b>-.003349</b> | <b>557.7488</b> | <b>13.53848</b> | <b>-.002128</b> | <b>.0041896</b> | <b>.0190273</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.2091475</b> |
| Stddev | .0008188        |
| %RSD   | .3914730        |

|    |                 |
|----|-----------------|
| #1 | <b>.2095129</b> |
| #2 | <b>.2097198</b> |
| #3 | <b>.2082096</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>3310.791</b> | <b>67929.40</b> | <b>14601.29</b> | <b>2230.744</b> | <b>4066.065</b> |
| Stddev    | 14.289          | 412.80          | 129.92          | 9.998           | 17.929          |
| %RSD      | .4316036        | .6076867        | .8897805        | .4481748        | .4409478        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3323.863</b> | <b>68402.26</b> | <b>14736.80</b> | <b>2240.708</b> | <b>4068.026</b> |
| #2 | <b>3312.974</b> | <b>67640.97</b> | <b>14589.26</b> | <b>2220.713</b> | <b>4082.934</b> |
| #3 | <b>3295.535</b> | <b>67744.96</b> | <b>14477.80</b> | <b>2230.811</b> | <b>4047.236</b> |

Sample Name: P5392-17      Acquired: 1/15/2025 15:04:46      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D75      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0253942 | -.001084 | 3.447417 | .0090321 | .0158161 | 26.20590 |
| Stddev | .0014162 | .005249  | .044345  | .0020004 | .0012533 | .41895   |
| %RSD   | 5.576860 | 484.4463 | 1.286335 | 22.14802 | 7.924196 | 1.598679 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0270220 | .004875  | 3.489181 | .0090799 | .0152731 | 26.61759 |
| #2 | .0247163 | -.005027 | 3.452193 | .0070082 | .0172493 | 26.22005 |
| #3 | .0244444 | -.003098 | 3.400877 | .0110082 | .0149258 | 25.78005 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0321204 | .0230792 | .0518939 | 393.7735 | .1129591 | .0294097 |
| Stddev | .0005701 | .0001823 | .0007171 | 2.3396   | .0006980 | .0003912 |
| %RSD   | 1.775021 | .7900659 | 1.381955 | .5941488 | .6178777 | 1.330303 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0316855 | .0228992 | .0526375 | 395.3163 | .1130334 | .0298533 |
| #2 | .0319098 | .0232638 | .0518376 | 394.9226 | .1122270 | .0292619 |
| #3 | .0327658 | .0230746 | .0512066 | 391.0815 | .1136170 | .0291139 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 6.812797 | 125.4303 | F 111.0464 | 3.809311 | .0666502 | .0330403 |
| Stddev | .037194  | 1.4420   | 1.8581     | .038018  | .0011214 | .0002486 |
| %RSD   | .5459486 | 1.149616 | 1.673227   | .9980189 | 1.682499 | .7523841 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.855225 | 126.7605 | 111.5706 | 3.806301 | .0675077 | .0332998 |
| #2 | 6.785810 | 125.6325 | 112.5860 | 3.848744 | .0670618 | .0330167 |
| #3 | 6.797356 | 123.8979 | 108.9825 | 3.772888 | .0653812 | .0328043 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.333994 | .0037585 | 8.429882 | 2.358318 | 4.029799 | .7741854 |
| Stddev | .282435  | .0007032 | .085534  | .046288  | .045999  | .0061446 |
| %RSD   | 12.10092 | 18.70983 | 1.014650 | 1.962766 | 1.141483 | .7936868 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.185502 | .0029751 | 8.523931 | 2.409124 | 4.073278 | .7796611 |
| #2 | 2.659700 | .0043351 | 8.408974 | 2.347289 | 4.034483 | .7753551 |
| #3 | 2.156781 | .0039653 | 8.356740 | 2.318540 | 3.981637 | .7675400 |

Sample Name: P5392-17      Acquired: 1/15/2025 15:04:46      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D75      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                 |                 |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.002237</b> | <b>F 617.7881</b> | <b>F 13.35085</b> | <b>-.004313</b> | <b>-.000622</b> | <b>.0222918</b> |
| Stddev | .000162         | 8.0303            | .06342            | .000162         | .000182         | .0007416        |
| %RSD   | 7.234665        | 1.299843          | .4750313          | 3.745462        | 29.31629        | 3.326870        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002256 | 625.8149 | 13.33343 | -.004376 | -.000411 | .0221088 |
| #2 | -.002066 | 617.7951 | 13.29797 | -.004130 | -.000731 | .0231078 |
| #3 | -.002388 | 609.7544 | 13.42116 | -.004434 | -.000723 | .0216588 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.2255969</b> |
| Stddev | .0046171        |
| %RSD   | 2.046626        |

|    |          |
|----|----------|
| #1 | .2302260 |
| #2 | .2255730 |
| #3 | .2209918 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3226.582</b> | <b>65343.09</b> | <b>14091.38</b> | <b>2178.432</b> | <b>3972.691</b> |
| Stddev    | 10.530          | 240.73          | 231.17          | 4.986           | 28.725          |
| %RSD      | .3263384        | .3684151        | 1.640492        | .2288650        | .7230596        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3215.037 | 65391.59 | 14313.75 | 2184.154 | 3941.262 |
| #2 | 3229.051 | 65081.79 | 14108.07 | 2175.024 | 3979.225 |
| #3 | 3235.658 | 65555.88 | 13852.32 | 2176.117 | 3997.586 |

Sample Name: P5392-18      Acquired: 1/15/2025 15:08:57      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D75D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0256062 | .0048124 | 3.467138 | .0066135 | .0162934 | 25.74284 |
| Stddev | .0027971 | .0022279 | .031621  | .0014300 | .0008904 | .10477   |
| %RSD   | 10.92360 | 46.29628 | .9120160 | 21.62273 | 5.464467 | .4069829 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0233091 | .0042270 | 3.460097 | .0050910 | .0159850 | 25.86025 |
| #2 | .0247886 | .0029356 | 3.439630 | .0079284 | .0155983 | 25.65889 |
| #3 | .0287211 | .0072746 | 3.501685 | .0068211 | .0172970 | 25.70937 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0318264 | .0225990 | .0523503 | 383.3377 | .1098723 | .0300996 |
| Stddev | .0003072 | .0000627 | .0003761 | 2.2177   | .0009108 | .0002018 |
| %RSD   | .9651325 | .2774894 | .7184313 | .5785212 | .8289760 | .6705071 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0321641 | .0225588 | .0522885 | 382.3600 | .1088313 | .0300825 |
| #2 | .0315635 | .0226712 | .0520089 | 385.8762 | .1102637 | .0299068 |
| #3 | .0317518 | .0225668 | .0527535 | 381.7769 | .1105221 | .0303094 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 6.780110 | 122.6973 | F 110.2199 | 3.700089 | .0673559 | .0322151 |
| Stddev | .029000  | .2564    | .2806      | .017873  | .0009613 | .0002745 |
| %RSD   | .4277175 | .2089785 | .2546173   | .4830432 | 1.427131 | .8522085 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.806034 | 122.9738 | 110.0989 | 3.680924 | .0672978 | .0323068 |
| #2 | 6.748792 | 122.6507 | 110.0201 | 3.703042 | .0664251 | .0319064 |
| #3 | 6.785503 | 122.4674 | 110.5408 | 3.716302 | .0683450 | .0324320 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.185689 | .0010216 | 8.284336 | 2.250765 | 4.074247 | .7602539 |
| Stddev | .192025  | .0013172 | .068958  | .040958  | .053859  | .0008230 |
| %RSD   | 8.785537 | 128.9388 | .8323948 | 1.819725 | 1.321942 | .1082575 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.236359 | .0012215 | 8.363881 | 2.275836 | 4.056539 | .7611728 |
| #2 | 1.973411 | -.000384 | 8.241446 | 2.203500 | 4.031472 | .7595846 |
| #3 | 2.347298 | .002227  | 8.247681 | 2.272958 | 4.134731 | .7600042 |

Sample Name: P5392-18      Acquired: 1/15/2025 15:08:57      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D75D      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.002036</b> | <b>F 621.6676</b> | <b>F 13.20233</b> | <b>-.004455</b> | <b>-.000828</b> | <b>.0209620</b> |
| Stddev | .000188         | 5.8976            | .02234            | .000652         | .000813         | .0006549        |
| %RSD   | 9.248910        | .9486712          | .1692015          | 14.63499        | 98.12191        | 3.124183        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002175 | 620.6281 | 13.22504 | -.004683 | -.001352 | .0217170 |
| #2 | -.001822 | 616.3589 | 13.20157 | -.003720 | -.001242 | .0205475 |
| #3 | -.002111 | 628.0159 | 13.18039 | -.004963 | .000108  | .0206215 |

| Elem   | Sr4077          |
|--------|-----------------|
| Units  | ppm             |
| Avg    | <b>.2239689</b> |
| Stddev | .0014155        |
| %RSD   | .6320194        |

|    |          |
|----|----------|
| #1 | .2253134 |
| #2 | .2224917 |
| #3 | .2241015 |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3234.385</b> | <b>67079.77</b> | <b>14484.19</b> | <b>2243.474</b> | <b>3968.700</b> |
| Stddev    | 34.128          | 362.11          | 111.59          | 5.228           | 42.947          |
| %RSD      | 1.055147        | .5398243        | .7703921        | .2330360        | 1.082140        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3249.857 | 67497.51 | 14612.94 | 2241.022 | 3987.618 |
| #2 | 3258.037 | 66855.15 | 14415.49 | 2249.477 | 3998.940 |
| #3 | 3195.262 | 66886.65 | 14424.13 | 2239.923 | 3919.542 |

Sample Name: P5392-17LX5      Acquired: 1/15/2025 15:13:08      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D75      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049142 | -.008035 | .7259805 | .0036820 | .0042804 | 5.479813 |
| Stddev | .0025238 | .001324  | .0102868 | .0014180 | .0003527 | .093891  |
| %RSD   | 51.35803 | 16.47483 | 1.416945 | 38.51314 | 8.238955 | 1.713392 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0059585 | -.009350 | .7162201 | .0031077 | .0039763 | 5.570969 |
| #2 | .0067483 | -.008053 | .7249983 | .0052971 | .0046670 | 5.485064 |
| #3 | .0020358 | -.006703 | .7367231 | .0026412 | .0041978 | 5.383408 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0145415 | .0053998 | .0105832 | 83.69513 | .0258707 | .0061534 |
| Stddev | .0008151 | .0000282 | .0001811 | 1.34841  | .0003613 | .0002695 |
| %RSD   | 5.605574 | .5214749 | 1.710826 | 1.611103 | 1.396688 | 4.379155 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0143738 | .0054293 | .0104150 | 85.12441 | .0256444 | .0058506 |
| #2 | .0138233 | .0053732 | .0105599 | 83.51535 | .0256803 | .0062424 |
| #3 | .0154275 | .0053969 | .0107748 | 82.44562 | .0262874 | .0063671 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.571540 | 27.35164 | 26.63802 | .8371277 | .0138375 | .0068670 |
| Stddev | .049525  | .41784   | .41577   | .0135007 | .0002067 | .0002309 |
| %RSD   | 3.151369 | 1.527645 | 1.560807 | 1.612740 | 1.493484 | 3.362202 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.600900 | 27.77576 | 27.11723 | .8526339 | .0136298 | .0067540 |
| #2 | 1.599359 | 27.33878 | 26.42357 | .8279833 | .0138396 | .0071326 |
| #3 | 1.514360 | 26.94038 | 26.37326 | .8307658 | .0140431 | .0067144 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5120601 | .0026511 | 1.819105 | .4615712 | .8096604 | .1758341 |
| Stddev | .0565972 | .0015863 | .023621  | .0545473 | .0093147 | .0030681 |
| %RSD   | 11.05285 | 59.83516 | 1.298485 | 11.81774 | 1.150443 | 1.744896 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4541503 | .0030899 | 1.840392 | .5076888 | .7992414 | .1788468 |
| #2 | .5147837 | .0039719 | 1.823230 | .4756646 | .8125579 | .1759422 |
| #3 | .5672464 | .0008916 | 1.793694 | .4013602 | .8171820 | .1727134 |

Sample Name: P5392-17LX5      Acquired: 1/15/2025 15:13:08      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D75      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                 |                 |                 |                 |
|--------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000374</b> | <b>F 135.9130</b> | <b>3.056038</b> | <b>-.003367</b> | <b>-.000255</b> | <b>.0031038</b> |
| Stddev | .000563         | 1.9882            | .080351         | .000164         | .000297         | .0001357        |
| %RSD   | 150.6005        | 1.462845          | 2.629262        | 4.864277        | 116.1534        | 4.371273        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000991 | 133.9292 | 3.101864 | -.003227 | .000033  | .0031931 |
| #2 | .000112  | 135.9043 | 3.102992 | -.003327 | -.000239 | .0031707 |
| #3 | -.000243 | 137.9056 | 2.963259 | -.003547 | -.000560 | .0029477 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0481280</b> |
| Stddev | .0008422        |
| %RSD   | 1.750007        |

|    |          |
|----|----------|
| #1 | .0489534 |
| #2 | .0481608 |
| #3 | .0472699 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2965.093</b> | <b>60534.68</b> | <b>12299.02</b> | <b>2056.170</b> | <b>4269.066</b> |
| Stddev    | 26.907          | 366.56          | 204.21          | 9.771           | 40.351          |
| %RSD      | .9074723        | .6055315        | 1.660355        | .4752086        | .9452015        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2990.361 | 60113.09 | 12200.93 | 2044.893 | 4311.137 |
| #2 | 2968.118 | 60712.84 | 12162.37 | 2061.498 | 4265.372 |
| #3 | 2936.802 | 60778.09 | 12533.77 | 2062.119 | 4230.689 |

Sample Name: P5392-19      Acquired: 1/15/2025 15:17:18      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D75S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0579681 | .0531712 | 3.452870 | .0888060 | .0876506 | 26.74506 |
| Stddev | .0019803 | .0042828 | .029711  | .0003085 | .0003926 | .11313   |
| %RSD   | 3.416171 | 8.054767 | .8604720 | .3473600 | .4479659 | .4229887 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0572770 | .0486289 | 3.421068 | .0884901 | .0880459 | 26.81809 |
| #2 | .0602014 | .0571359 | 3.479916 | .0891064 | .0872606 | 26.61475 |
| #3 | .0564261 | .0537490 | 3.457625 | .0888216 | .0876453 | 26.80235 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.464631 | .0661467 | .1023098 | 377.8022 | .2873308 | .5160324 |
| Stddev | .005028  | .0004739 | .0008326 | 1.3737   | .0013530 | .0048898 |
| %RSD   | .3433280 | .7164484 | .8137532 | .3636045 | .4708931 | .9475661 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.469391 | .0665670 | .1014134 | 377.6821 | .2879651 | .5109299 |
| #2 | 1.459371 | .0662400 | .1030588 | 376.4925 | .2882501 | .5206772 |
| #3 | 1.465132 | .0656331 | .1024573 | 379.2320 | .2857771 | .5164900 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 6.846640 | 122.2377 | F 108.8698 | 3.690747 | .5566305 | .0628603 |
| Stddev | .041427  | .5837    | .5316      | .010575  | .0048647 | .0003261 |
| %RSD   | .6050749 | .4775050 | .4882460   | .2865197 | .8739477 | .5187419 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.892995 | 122.5432 | 109.2206 | 3.687061 | .5519432 | .0631832 |
| #2 | 6.833689 | 121.5647 | 108.2582 | 3.702672 | .5616550 | .0625311 |
| #3 | 6.813235 | 122.6053 | 109.1305 | 3.682510 | .5562932 | .0628667 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.174981 | .4133185 | 8.704898 | 2.250060 | 4.061136 | .7578285 |
| Stddev | .275691  | .0022295 | .111477  | .020027  | .033384  | .0039371 |
| %RSD   | 12.67554 | .5394080 | 1.280624 | .8900858 | .8220320 | .5195215 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.475160 | .4157952 | 8.690905 | 2.236002 | 4.031338 | .7616818 |
| #2 | 2.116676 | .4126884 | 8.601079 | 2.241186 | 4.097214 | .7538126 |
| #3 | 1.933105 | .4114718 | 8.822712 | 2.272991 | 4.054857 | .7579912 |

Sample Name: P5392-19      Acquired: 1/15/2025 15:17:18      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D75S      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.002718</b> | <b>F 618.5613</b> | <b>F 13.02544</b> | <b>-.004211</b> | <b>-.001688</b> | <b>.0209444</b> |
| Stddev | .000266         | 5.6623            | .07845            | .000997         | .000257         | .0003954        |
| %RSD   | 9.780350        | .9153948          | .6022506          | 23.67423        | 15.20987        | 1.887890        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002650 | 612.5597 | 13.11480 | -.003136 | -.001445 | .0213564 |
| #2 | -.003012 | 623.8086 | 12.99362 | -.004394 | -.001661 | .0205680 |
| #3 | -.002493 | 619.3156 | 12.96790 | -.005104 | -.001957 | .0209088 |

| Elem   | Sr4077          |
|--------|-----------------|
| Units  | ppm             |
| Avg    | <b>.2206946</b> |
| Stddev | .0010582        |
| %RSD   | .4795101        |

|    |                 |
|----|-----------------|
| #1 | <b>.2215847</b> |
| #2 | <b>.2195245</b> |
| #3 | <b>.2209745</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>3200.964</b> | <b>66658.95</b> | <b>14417.67</b> | <b>2188.332</b> | <b>3956.036</b> |
| Stddev    | 25.096          | 542.68          | 45.70           | 35.015          | 35.244          |
| %RSD      | .7840065        | .8141155        | .3169661        | 1.600084        | .8908909        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3222.863 | 66888.13 | 14436.79 | 2203.640 | 3989.802 |
| #2 | 3173.579 | 67049.45 | 14450.70 | 2213.086 | 3919.480 |
| #3 | 3206.449 | 66039.28 | 14365.51 | 2148.269 | 3958.827 |

Sample Name: PB165941TB      Acquired: 1/15/2025 15:21:28      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LEB941      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000883</b> | <b>-.000727</b> | <b>-.000197</b> | <b>.0028409</b> | <b>-.000539</b> | <b>.0077603</b> |
| Stddev | .001872         | .002013         | .000482         | .0013148        | .000601         | .0046683        |
| %RSD   | 211.9899        | 276.7534        | 245.3004        | 46.28033        | 111.6537        | 60.15699        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002912</b> | <b>.000576</b>  | <b>-.000734</b> | <b>.0031232</b> | <b>.000112</b>  | <b>.0056819</b> |
| #2 | <b>.000777</b>  | <b>.000287</b>  | <b>-.000053</b> | <b>.0014079</b> | <b>-.000655</b> | <b>.0131069</b> |
| #3 | <b>-.000515</b> | <b>-.003045</b> | <b>.000197</b>  | <b>.0039915</b> | <b>-.001073</b> | <b>.0044921</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0054626</b> | <b>-.000071</b> | <b>.0000212</b> | <b>.0059130</b> | <b>.0027922</b> | <b>-.000005</b> |
| Stddev | .0007322        | .000014         | .0000158        | .0077960        | .0001893        | .000205         |
| %RSD   | 13.40364        | 20.08334        | 74.54025        | 131.8455        | 6.780870        | 3992.602        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0055613</b> | <b>-.000075</b> | <b>.0000097</b> | <b>.0082795</b> | <b>.0028508</b> | <b>-.000241</b> |
| #2 | <b>.0046861</b> | <b>-.000055</b> | <b>.0000147</b> | <b>-.002792</b> | <b>.0025805</b> | <b>.000105</b>  |
| #3 | <b>.0061405</b> | <b>-.000083</b> | <b>.0000393</b> | <b>.012251</b>  | <b>.0029454</b> | <b>.000121</b>  |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000019</b> | <b>.0160750</b> | <b>.0022008</b> | <b>.0037477</b> | <b>.0005111</b> | <b>-.000184</b> |
| Stddev | .001076         | .0013056        | .0002140        | .0040644        | .0000592        | .000342         |
| %RSD   | 5794.682        | 8.121937        | 9.722127        | 108.4485        | 11.58841        | 185.2663        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.001089</b>  | <b>.0152942</b> | <b>.0022108</b> | <b>.0002669</b> | <b>.0004617</b> | <b>-.000447</b> |
| #2 | <b>-.001059</b> | <b>.0153485</b> | <b>.0024096</b> | <b>.0082143</b> | <b>.0004948</b> | <b>.000202</b>  |
| #3 | <b>-.000086</b> | <b>.0175822</b> | <b>.0019820</b> | <b>.0027619</b> | <b>.0005767</b> | <b>-.000309</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.257289</b> | <b>.0005712</b> | <b>.0009449</b> | <b>-1.52873</b> | <b>.0017721</b> | <b>-.001165</b> |
| Stddev | .113500         | .0006333        | .0012127        | .03879          | .0007476        | .000443         |
| %RSD   | 44.11373        | 110.8704        | 128.3489        | 2.537532        | 42.18317        | 38.05056        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.147391</b> | <b>.0012978</b> | <b>.0007738</b> | <b>-1.57163</b> | <b>.0026163</b> | <b>-.001306</b> |
| #2 | <b>-.374077</b> | <b>.0001365</b> | <b>-.000173</b> | <b>-1.49614</b> | <b>.0011939</b> | <b>-.000669</b> |
| #3 | <b>-.250400</b> | <b>.0002793</b> | <b>.002234</b>  | <b>-1.51841</b> | <b>.0015063</b> | <b>-.001521</b> |

Sample Name: PB165941TB      Acquired: 1/15/2025 15:21:28      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LEB941      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001691 | F 7.696197 | .0012275 | -.001384 | .0000281 | -.003373 |
| Stddev | .0002975 | .010807    | .0008316 | .000383  | .0007713 | .000047  |
| %RSD   | 175.9195 | .1404176   | 67.74710 | 27.70366 | 2741.822 | 1.397820 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0004709 | 7.695596 | .0006802 | -.000948 | .0001387 | -.003376 |
| #2 | .0001605 | 7.685702 | .0008180 | -.001538 | -.000792 | -.003419 |
| #3 | -.000124 | 7.707291 | .0021845 | -.001667 | .000738  | -.003325 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0000075 |
| Stddev | .0000199 |
| %RSD   | 266.5543 |

|    |          |
|----|----------|
| #1 | .0000117 |
| #2 | -.000014 |
| #3 | .000025  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2992.496 | 62456.76 | 13227.68 | 2040.018 | 4735.941 |
| Stddev    | 5.997    | 886.38   | 54.62    | 34.530   | 8.669    |
| %RSD      | .2004037 | 1.419183 | .4129385 | 1.692617 | .1830558 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2990.141 | 62667.13 | 13269.70 | 2052.684 | 4732.564 |
| #2 | 2999.313 | 63219.03 | 13247.41 | 2066.426 | 4745.791 |
| #3 | 2988.034 | 61484.13 | 13165.94 | 2000.944 | 4729.469 |

Sample Name: PB165942TB      Acquired: 1/15/2025 15:25:36      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LEB942      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000441</b> | <b>-.001731</b> | <b>.0003955</b> | <b>.0009040</b> | <b>-.000747</b> | <b>.0135581</b> |
| Stddev | .000902         | .001088         | .0015954        | .0016539        | .001456         | .0039420        |
| %RSD   | 204.5450        | 62.86682        | 403.3783        | 182.9508        | 194.9621        | 29.07456        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000505</b> | <b>-.002046</b> | <b>.0022366</b> | <b>-.001006</b> | <b>.000934</b>  | <b>.0179107</b> |
| #2 | <b>.000491</b>  | <b>-.000520</b> | <b>-.000579</b> | <b>.001846</b>  | <b>-.001552</b> | <b>.0125352</b> |
| #3 | <b>-.001309</b> | <b>-.002626</b> | <b>-.000471</b> | <b>.001871</b>  | <b>-.001623</b> | <b>.0102285</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0046607</b> | <b>-.000054</b> | <b>.0000573</b> | <b>-.008753</b> | <b>.0028589</b> | <b>-.000132</b> |
| Stddev | .0004573        | .000042         | .0000543        | .001764         | .0001946        | .000117         |
| %RSD   | 9.811763        | 78.24170        | 94.67106        | 20.15836        | 6.808145        | 88.32505        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0045159</b> | <b>-.000013</b> | <b>.0000956</b> | <b>-.007229</b> | <b>.0027214</b> | <b>-.000219</b> |
| #2 | <b>.0051729</b> | <b>-.000098</b> | <b>-.000005</b> | <b>-.010686</b> | <b>.0027737</b> | <b>.000000</b>  |
| #3 | <b>.0042934</b> | <b>-.000052</b> | <b>.000081</b>  | <b>-.008343</b> | <b>.0030816</b> | <b>-.000177</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000206</b> | <b>.0171039</b> | <b>.0011034</b> | <b>.0112986</b> | <b>.0003914</b> | <b>-.000234</b> |
| Stddev | .000861         | .0032227        | .0001258        | .0023558        | .0001121        | .000259         |
| %RSD   | 417.2896        | 18.84191        | 11.40472        | 20.85013        | 28.62768        | 110.6742        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.000014</b>  | <b>.0133847</b> | <b>.0009981</b> | <b>.0086074</b> | <b>.0002778</b> | <b>.000011</b>  |
| #2 | <b>-.001157</b> | <b>.0190713</b> | <b>.0012428</b> | <b>.0123012</b> | <b>.0003946</b> | <b>-.000207</b> |
| #3 | <b>.000523</b>  | <b>.0188556</b> | <b>.0010694</b> | <b>.0129872</b> | <b>.0005018</b> | <b>-.000505</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.110384</b> | <b>.0001694</b> | <b>.0008978</b> | <b>-1.53746</b> | <b>-.000330</b> | <b>-.001601</b> |
| Stddev | .072779         | .0003212        | .0019317        | .02930          | .000521         | .000415         |
| %RSD   | 65.93199        | 189.6002        | 215.1717        | 1.905682        | 157.6514        | 25.91291        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.194219</b> | <b>.0004313</b> | <b>-.001178</b> | <b>-1.50755</b> | <b>-.000036</b> | <b>-.001703</b> |
| #2 | <b>-.063415</b> | <b>.0002661</b> | <b>.001230</b>  | <b>-1.53873</b> | <b>-.000931</b> | <b>-.001954</b> |
| #3 | <b>-.073519</b> | <b>-.000189</b> | <b>.002642</b>  | <b>-1.56610</b> | <b>-.000023</b> | <b>-.001144</b> |

Sample Name: PB165942TB      Acquired: 1/15/2025 15:25:36      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LEB942      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000995 | F 7.551883 | .0004874 | -.001198 | -.000190 | -.002674 |
| Stddev | .0000585 | .038146    | .0010239 | .000460  | .000945  | .001027  |
| %RSD   | 58.75447 | .5051151   | 210.0715 | 38.41294 | 496.6144 | 38.39914 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0001504 | 7.563015 | -.000308 | -.001413 | .000591  | -.003321 |
| #2 | .0000357 | 7.509410 | .001643  | -.000669 | -.001241 | -.001490 |
| #3 | .0001124 | 7.583224 | .000127  | -.001511 | .000080  | -.003211 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.000008 |
| Stddev | .000007  |
| %RSD   | 84.16974 |

|    |          |
|----|----------|
| #1 | -.000004 |
| #2 | -.000016 |
| #3 | -.000004 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3035.229 | 65466.39 | 13236.12 | 2082.057 | 4807.925 |
| Stddev    | 14.670   | 116.53   | 81.82    | 15.176   | 19.528   |
| %RSD      | .4833403 | .1779966 | .6181748 | .7288783 | .4061577 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3035.362 | 65597.87 | 13286.38 | 2088.549 | 4806.106 |
| #2 | 3049.833 | 65425.39 | 13280.28 | 2092.906 | 4828.298 |
| #3 | 3020.493 | 65375.90 | 13141.71 | 2064.715 | 4789.370 |

Sample Name: P5393-01      Acquired: 1/15/2025 15:29:44      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D28      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0139316 | .0260710 | .6893714 | -.007220 | -.001424 | 25.77421 |
| Stddev | .0016785 | .0024750 | .0025244 | .000125  | .002049  | .03691   |
| %RSD   | 12.04810 | 9.493305 | .3661874 | 1.733313 | 143.8844 | .1432038 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0122795 | .0281148 | .6867408 | -.007273 | -.003725 | 25.81550 |
| #2 | .0138800 | .0267791 | .6895993 | -.007309 | -.000752 | 25.74442 |
| #3 | .0156353 | .0233191 | .6917741 | -.007077 | .000204  | 25.76270 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0765973 | .0201774 | .3836030 | 63.06077 | .0180714 | .0457086 |
| Stddev | .0003723 | .0000658 | .0000935 | .14956   | .0001868 | .0001282 |
| %RSD   | .4860479 | .3259267 | .0243862 | .2371731 | 1.033491 | .2804582 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0770105 | .0201949 | .3836989 | 63.18569 | .0179817 | .0457412 |
| #2 | .0762879 | .0202326 | .3835981 | 63.10159 | .0182861 | .0458173 |
| #3 | .0764936 | .0201047 | .3835120 | 62.89504 | .0179464 | .0455672 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 17.11029 | 15.99669 | F 108.2356 | 6.648418 | .0498427 | .0441111 |
| Stddev | .08934   | .05095   | .1829      | .049708  | .0008782 | .0002409 |
| %RSD   | .5221544 | .3184811 | .1689517   | .7476666 | 1.762020 | .5461871 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 17.02440 | 16.05041 | 108.2542 | 6.678485 | .0508538 | .0443876 |
| #2 | 17.10375 | 15.99059 | 108.0442 | 6.675727 | .0492702 | .0439994 |
| #3 | 17.20273 | 15.94907 | 108.4085 | 6.591042 | .0494040 | .0439463 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 2.568002 | -.021733 | F 116.0642 | 2.549036 | 6.454196 | .2839709 |
| Stddev | .109816  | .000263  | .1208      | .011873  | .005596  | .0012729 |
| %RSD   | 4.276331 | 1.211543 | .1040789   | .4658013 | .0867072 | .4482622 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.665064 | -.021792 | 116.1443 | 2.559072 | 6.457345 | .2832118 |
| #2 | 2.590137 | -.021961 | 115.9252 | 2.552107 | 6.447735 | .2832604 |
| #3 | 2.448804 | -.021445 | 116.1230 | 2.535928 | 6.457508 | .2854405 |

Sample Name: P5393-01      Acquired: 1/15/2025 15:29:44      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D28      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                 |                 |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.015201</b> | <b>F 343.4411</b> | <b>F 13.06498</b> | <b>-.003616</b> | <b>-.001104</b> | <b>.0359869</b> |
| Stddev | .000218         | .4310             | .03952            | .000192         | .000415         | .0005563        |
| %RSD   | 1.436074        | .1255032          | .3024801          | 5.308060        | 37.57119        | 1.545850        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.015102</b> | <b>343.1457</b> | <b>13.01935</b> | <b>-.003619</b> | <b>-.000627</b> | <b>.0365819</b> |
| #2 | <b>-.015051</b> | <b>343.2419</b> | <b>13.08819</b> | <b>-.003423</b> | <b>-.001305</b> | <b>.0358992</b> |
| #3 | <b>-.015452</b> | <b>343.9357</b> | <b>13.08739</b> | <b>-.003807</b> | <b>-.001379</b> | <b>.0354797</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.1633411</b> |
| Stddev | .0005461        |
| %RSD   | .3343085        |

|    |                 |
|----|-----------------|
| #1 | <b>.1632695</b> |
| #2 | <b>.1628343</b> |
| #3 | <b>.1639194</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>3726.333</b> | <b>77325.73</b> | <b>16563.56</b> | <b>2532.293</b> | <b>4381.159</b> |
| Stddev    | 20.935          | 113.51          | 42.22           | 4.084           | 20.191          |
| %RSD      | .5618171        | .1467969        | .2549233        | .1612714        | .4608640        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3742.001</b> | <b>77220.13</b> | <b>16611.07</b> | <b>2531.523</b> | <b>4396.903</b> |
| #2 | <b>3734.441</b> | <b>77311.29</b> | <b>16530.33</b> | <b>2536.706</b> | <b>4388.181</b> |
| #3 | <b>3702.556</b> | <b>77445.77</b> | <b>16549.28</b> | <b>2528.648</b> | <b>4358.395</b> |

Sample Name: P5393-02      Acquired: 1/15/2025 15:33:57      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D31      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |          |            |            |          |
|--------|------------|------------|----------|------------|------------|----------|
| Elem   | As1890     | Tl1908     | Pb2203   | Se1960     | Sb2068     | Al3961   |
| Units  | ppm        | ppm        | ppm      | ppm        | ppm        | ppm      |
| Avg    | k -.001458 | k .8030129 | 3.429359 | k .2396782 | k .0652779 | 34.61780 |
| Stddev | .001667    | .0105269   | .030576  | .0040128   | .0010951   | .37431   |
| %RSD   | 114.3629   | 1.310931   | .8915876 | 1.674246   | 1.677579   | 1.081275 |

|    |            |            |          |            |            |          |
|----|------------|------------|----------|------------|------------|----------|
| #1 | k -.002208 | k .7911813 | 3.394838 | k .2355953 | k .0663126 | 34.21239 |
| #2 | k .000453  | k .8065150 | 3.440209 | k .2436171 | k .0653899 | 34.95028 |
| #3 | k -.002618 | k .8113424 | 3.453030 | k .2398221 | k .0641311 | 34.69075 |

|        |          |            |          |          |            |          |
|--------|----------|------------|----------|----------|------------|----------|
| Elem   | Ba4934   | Be2348     | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0438925 | k -.004870 | .0677676 | 148.7379 | k .1790507 | .0278903 |
| Stddev | .0006150 | .000052    | .0007380 | 1.6174   | .0032239   | .0003022 |
| %RSD   | 1.401172 | 1.066153   | 1.089092 | 1.087403 | 1.800562   | 1.083628 |

|    |          |            |          |          |            |          |
|----|----------|------------|----------|----------|------------|----------|
| #1 | .0431954 | k -.004929 | .0670019 | 146.9403 | k .1753930 | .0275900 |
| #2 | .0443581 | k -.004829 | .0678265 | 150.0753 | k .1802801 | .0278866 |
| #3 | .0441241 | k -.004853 | .0684745 | 149.1983 | k .1814791 | .0281944 |

|        |          |          |         |          |          |            |
|--------|----------|----------|---------|----------|----------|------------|
| Elem   | Cu3247   | Fe2598   | Mn2576  | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm     | ppm      | ppm      | ppm        |
| Avg    | 24.69796 | 118.2876 | ^ ***** | 3.103582 | .0529754 | k .1636498 |
| Stddev | .04558   | 1.1898   | -----   | .047492  | .0010353 | .0027987   |
| %RSD   | .1845667 | 1.005845 | -----   | 1.530228 | 1.954329 | 1.710164   |

|    |          |          |         |          |          |            |
|----|----------|----------|---------|----------|----------|------------|
| #1 | 24.69441 | 116.9801 | ^ ----- | 3.055114 | .0518347 | k .1604343 |
| #2 | 24.74521 | 119.3067 | ^ ----- | 3.105598 | .0532359 | k .1655367 |
| #3 | 24.65425 | 118.5761 | ^ ----- | 3.150034 | .0538556 | k .1649784 |

|        |          |            |          |          |            |          |
|--------|----------|------------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924     | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm        | ppm      |
| Avg    | 3.029354 | k -.140826 | 14.57651 | -.368562 | k -.351496 | .7407562 |
| Stddev | .164514  | .001451    | .12649   | .029591  | .006151    | .0063164 |
| %RSD   | 5.430675 | 1.030440   | .8677639 | 8.028641 | 1.750010   | .8527000 |

|    |          |            |          |          |            |          |
|----|----------|------------|----------|----------|------------|----------|
| #1 | 3.023725 | k -.140354 | 14.44164 | -.346035 | k -.357224 | .7335351 |
| #2 | 2.867727 | k -.139670 | 14.69250 | -.357577 | k -.344995 | .7452551 |
| #3 | 3.196611 | k -.142454 | 14.59538 | -.402074 | k -.352268 | .7434785 |

Sample Name: P5393-02      Acquired: 1/15/2025 15:33:57      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MH2D31      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                    |                   |                 |                 |                 |
|--------|-----------------|--------------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820             | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm                | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.017253</b> | <b>kF 465.7383</b> | <b>F 17.68803</b> | <b>-.002674</b> | <b>.0223415</b> | <b>.0140981</b> |
| Stddev | .000346         | 5.1457             | .00676            | .000431         | .0003829        | .0001450        |
| %RSD   | 2.003889        | 1.104842           | .0382314          | 16.10885        | 1.713612        | 1.028677        |

|    |                 |                   |                 |                 |                 |                 |
|----|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.017022</b> | <b>k 460.1883</b> | <b>17.68064</b> | <b>-.003105</b> | <b>.0227666</b> | <b>.0139370</b> |
| #2 | <b>-.017650</b> | <b>k 466.6760</b> | <b>17.68952</b> | <b>-.002674</b> | <b>.0220239</b> | <b>.0141394</b> |
| #3 | <b>-.017086</b> | <b>k 470.3506</b> | <b>17.69392</b> | <b>-.002243</b> | <b>.0222341</b> | <b>.0142180</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0509722</b> |
| Stddev | .0007234        |
| %RSD   | 1.419169        |

|    |                 |
|----|-----------------|
| #1 | <b>.0501928</b> |
| #2 | <b>.0516220</b> |
| #3 | <b>.0511019</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>3197.207</b> | <b>67748.41</b> | <b>14462.83</b> | <b>2242.273</b> | <b>4122.200</b> |
| Stddev    | 26.822          | 876.10          | 17.37           | 23.289          | 37.724          |
| %RSD      | .8389088        | 1.293164        | .1200849        | 1.038628        | .9151474        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3224.972</b> | <b>68724.56</b> | <b>14482.42</b> | <b>2266.970</b> | <b>4161.636</b> |
| #2 | <b>3195.210</b> | <b>67030.33</b> | <b>14456.74</b> | <b>2220.709</b> | <b>4118.505</b> |
| #3 | <b>3171.440</b> | <b>67490.34</b> | <b>14449.33</b> | <b>2239.139</b> | <b>4086.459</b> |

Sample Name: CCV024      Acquired: 1/15/2025 15:37:55      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV024      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.703126 | 4.597182 | 24.14179 | 4.674229 | 4.717754 | 364.1951 |
| Stddev | .023519  | .085335  | .09378   | .017977  | .021602  | 2.4264   |
| %RSD   | .5000703 | 1.856241 | .3884514 | .3846075 | .4578928 | .6662357 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.676404 | 4.514068 | 24.05479 | 4.654433 | 4.694323 | 364.9560 |
| #2 | 4.720684 | 4.592904 | 24.24113 | 4.689538 | 4.736879 | 366.1498 |
| #3 | 4.712289 | 4.684576 | 24.12945 | 4.678716 | 4.722059 | 361.4794 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.574838 | .5044178 | 2.470854 | 374.5814 | 15.29777 | 2.442217 |
| Stddev | .129653  | .0046115 | .008679  | 1.3292   | .07387   | .007926  |
| %RSD   | 1.354106 | .9142254 | .3512466 | .3548618 | .4828484 | .3245493 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.482932 | .5045827 | 2.461495 | 374.2722 | 15.28666 | 2.436068 |
| #2 | 9.723139 | .5089446 | 2.478636 | 376.0380 | 15.37656 | 2.451162 |
| #3 | 9.518444 | .4997260 | 2.472430 | 373.4340 | 15.23009 | 2.439420 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.52279 | 379.3227 | 14.48001 | 380.1689 | 2.437309 | 1.247682 |
| Stddev | .08823   | .5215    | .02050   | .3969    | .006117  | .007246  |
| %RSD   | .6074991 | .1374807 | .1415776 | .1044085 | .2509865 | .5807651 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 14.62290 | 379.7211 | 14.50367 | 379.8842 | 2.432781 | 1.249575 |
| #2 | 14.48908 | 378.7325 | 14.46778 | 380.6223 | 2.444268 | 1.253793 |
| #3 | 14.45638 | 379.5147 | 14.46856 | 380.0002 | 2.434879 | 1.239677 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 380.3154 | 2.427015 | 14.49641 | 143.9031 | 4.851440 | F 5.844434 |
| Stddev | 2.8407   | .003633  | .09303   | .4943    | .011378  | .030287    |
| %RSD   | .7469272 | .1497104 | .6417535 | .3435259 | .2345282 | .5182150   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 383.5116 | 2.428638 | 14.51950 | 144.3571 | 4.838387 | 5.855174 |
| #2 | 379.3560 | 2.429554 | 14.39400 | 143.3764 | 4.859264 | 5.867888 |
| #3 | 378.0787 | 2.422853 | 14.57572 | 143.9757 | 4.856668 | 5.810241 |

Sample Name: CCV024      Acquired: 1/15/2025 15:37:55      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV024      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.708815</b> | <b>4.878887</b> | <b>4.911316</b> | <b>4.897504</b> | <b>4.843767</b> | <b>4.745309</b> |
| Stddev | .020702         | .013728         | .022526         | .019529         | .020618         | .029436         |
| %RSD   | .4396528        | .2813745        | .4586544        | .3987539        | .4256534        | .6203211        |
| #1     | 4.685425        | 4.863683        | 4.926923        | 4.874981        | 4.863539        | 4.774222        |
| #2     | 4.724786        | 4.890372        | 4.921532        | 4.909734        | 4.845365        | 4.715376        |
| #3     | 4.716234        | 4.882605        | 4.885492        | 4.907796        | 4.822397        | 4.746329        |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>4.795025</b> |
| Stddev | .044740         |
| %RSD   | .9330411        |
| #1     | 4.779736        |
| #2     | 4.845404        |
| #3     | 4.759933        |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2280.079</b> | <b>50499.02</b> | <b>11821.09</b> | <b>1594.133</b> | <b>3357.835</b> |
| Stddev    | 9.635           | 163.87          | 83.52           | 6.762           | 9.815           |
| %RSD      | .4225677        | .3244973        | .7065125        | .4242113        | .2923031        |
| #1        | 2289.845        | 50457.68        | 11799.05        | 1589.883        | 3366.010        |
| #2        | 2270.581        | 50359.78        | 11750.80        | 1601.931        | 3346.949        |
| #3        | 2279.812        | 50679.60        | 11913.41        | 1590.585        | 3360.545        |

Sample Name: CCB024      Acquired: 1/15/2025 15:42:14      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB024      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000962</b> | <b>-.001063</b> | <b>.0008866</b> | <b>.0027344</b> | <b>.0013455</b> | <b>.0027390</b> | <b>.0045995</b> |
| Stddev | .000544         | .001897         | .0008962        | .0030235        | .0015628        | .0022143        | .0001858        |
| %RSD   | 56.50005        | 178.4582        | 101.0849        | 110.5764        | 116.1559        | 80.84514        | 4.040015        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001588</b> | <b>.000388</b>  | <b>.0008764</b> | <b>.0018800</b> | <b>.0020428</b> | <b>.0042215</b> | <b>.0046040</b> |
| #2 | <b>-.000698</b> | <b>-.000367</b> | <b>.0017878</b> | <b>.0060932</b> | <b>-.000445</b> | <b>.0001936</b> | <b>.0047830</b> |
| #3 | <b>-.000601</b> | <b>-.003209</b> | <b>-.000004</b> | <b>.0002299</b> | <b>.002438</b>  | <b>.0038018</b> | <b>.0044115</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000048</b> | <b>.0000888</b> | <b>.0032517</b> | <b>-.000026</b> | <b>-.000005</b> | <b>.0002185</b> | <b>.0002207</b> |
| Stddev | .000030         | .0000453        | .0053683        | .000399         | .000121         | .0015661        | .0031797        |
| %RSD   | 63.28460        | 51.04427        | 165.0920        | 1545.837        | 2489.679        | 716.6939        | 1440.455        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000076</b> | <b>.0001395</b> | <b>.0088840</b> | <b>.000422</b>  | <b>-.000090</b> | <b>.0019720</b> | <b>-.003437</b> |
| #2 | <b>-.000016</b> | <b>.0000747</b> | <b>-.001806</b> | <b>-.000156</b> | <b>-.000058</b> | <b>-.001041</b> | <b>.001777</b>  |
| #3 | <b>-.000052</b> | <b>.0000522</b> | <b>.002677</b>  | <b>-.000343</b> | <b>.000134</b>  | <b>-.000275</b> | <b>.002323</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0002296</b> | <b>.0062441</b> | <b>.0001258</b> | <b>-.000176</b> | <b>-.145463</b> | <b>-.000082</b> | <b>.0017189</b> |
| Stddev | .0005067        | .0104524        | .0001347        | .000173         | .113284         | .001123         | .0007888        |
| %RSD   | 220.6752        | 167.3977        | 107.0627        | 98.12822        | 77.87782        | 1363.997        | 45.89011        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000343</b> | <b>.0155087</b> | <b>.0002678</b> | <b>.000023</b>  | <b>-.233486</b> | <b>.000640</b>  | <b>.0012265</b> |
| #2 | <b>.000414</b>  | <b>-.005087</b> | <b>.0001097</b> | <b>-.000276</b> | <b>-.017653</b> | <b>-.001376</b> | <b>.0013014</b> |
| #3 | <b>.000618</b>  | <b>.008311</b>  | <b>-.000000</b> | <b>-.000275</b> | <b>-.185251</b> | <b>.000489</b>  | <b>.0026287</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0404830</b> | <b>-.001702</b> | <b>.0043866</b> | <b>.0003667</b> | <b>.0344788</b> | <b>-.000699</b> | <b>-.000201</b> |
| Stddev | .0356945        | .001557         | .0003554        | .0001580        | .0022676        | .001720         | .000737         |
| %RSD   | 88.17158        | 91.47743        | 8.102582        | 43.09845        | 6.576653        | 246.1227        | 365.7047        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0360932</b> | <b>.000092</b>  | <b>.0047219</b> | <b>.0005489</b> | <b>.0361651</b> | <b>.001072</b>  | <b>-.000046</b> |
| #2 | <b>.0071864</b> | <b>-.002700</b> | <b>.0040140</b> | <b>.0002825</b> | <b>.0319010</b> | <b>-.000805</b> | <b>.000445</b>  |
| #3 | <b>.0781693</b> | <b>-.002496</b> | <b>.0044238</b> | <b>.0002685</b> | <b>.0353702</b> | <b>-.002364</b> | <b>-.001004</b> |

Sample Name: CCB024      Acquired: 1/15/2025 15:42:14      Type: Unk  
Method: EPA SFAM01.0(v46)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB024      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0004210 | -.000712 | .0000575 |
| Stddev | .0002853 | .000284  | .0000646 |
| %RSD   | 67.76606 | 39.93559 | 112.3991 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0003427 | -.000396 | -.000005 |
| #2 | .0001831 | -.000793 | .000054  |
| #3 | .0007373 | -.000947 | .000124  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2906.871 | 60147.53 | 12721.16 | 1956.819 | 4569.863 |
| Stddev    | 17.118   | 186.11   | 47.28    | 4.462    | 30.144   |
| %RSD      | .5888938 | .3094157 | .3716680 | .2280448 | .6596267 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2916.357 | 60165.33 | 12697.81 | 1959.965 | 4589.088 |
| #2 | 2917.146 | 60324.09 | 12775.57 | 1958.781 | 4585.379 |
| #3 | 2887.110 | 59953.16 | 12690.10 | 1951.712 | 4535.121 |