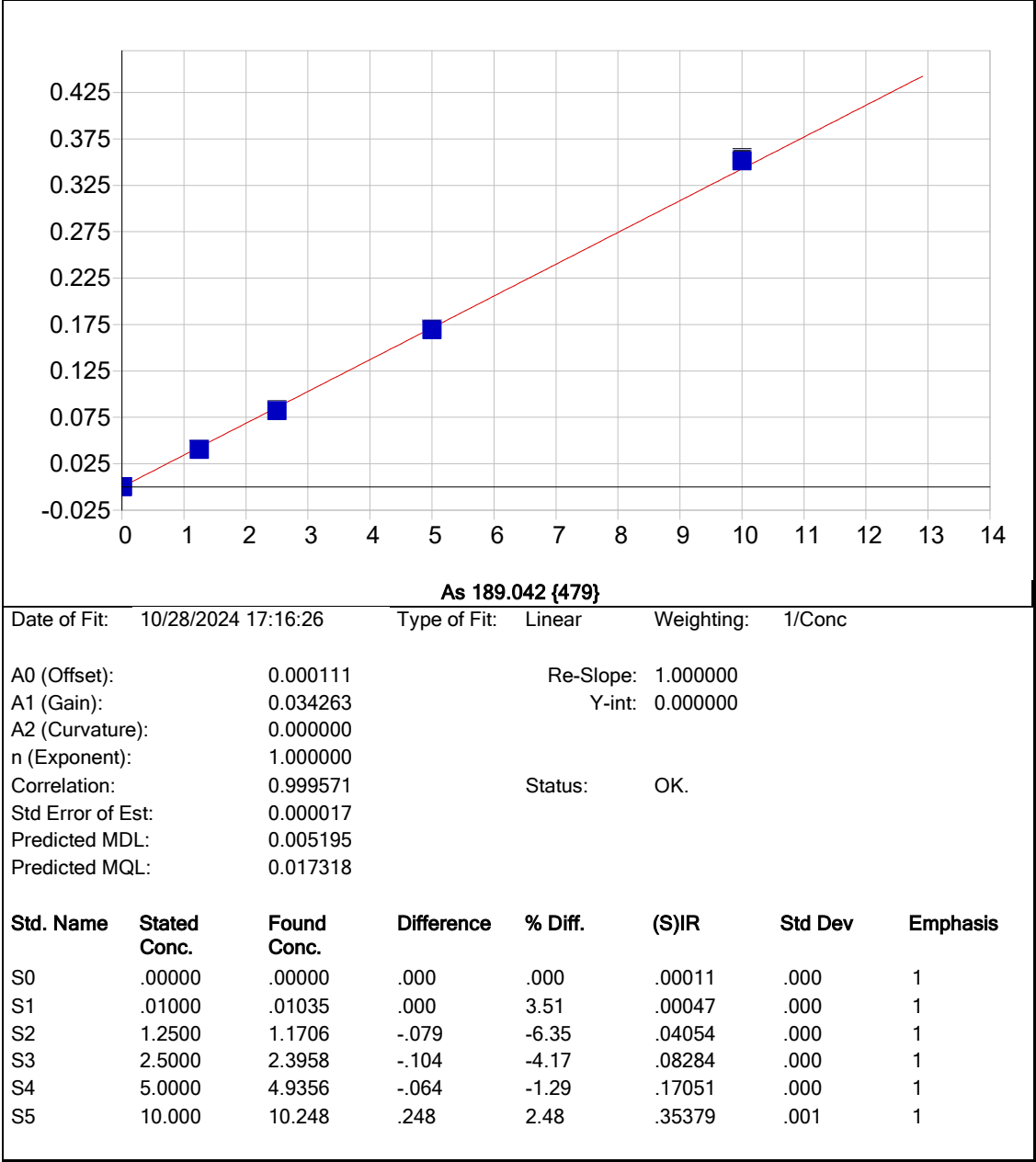
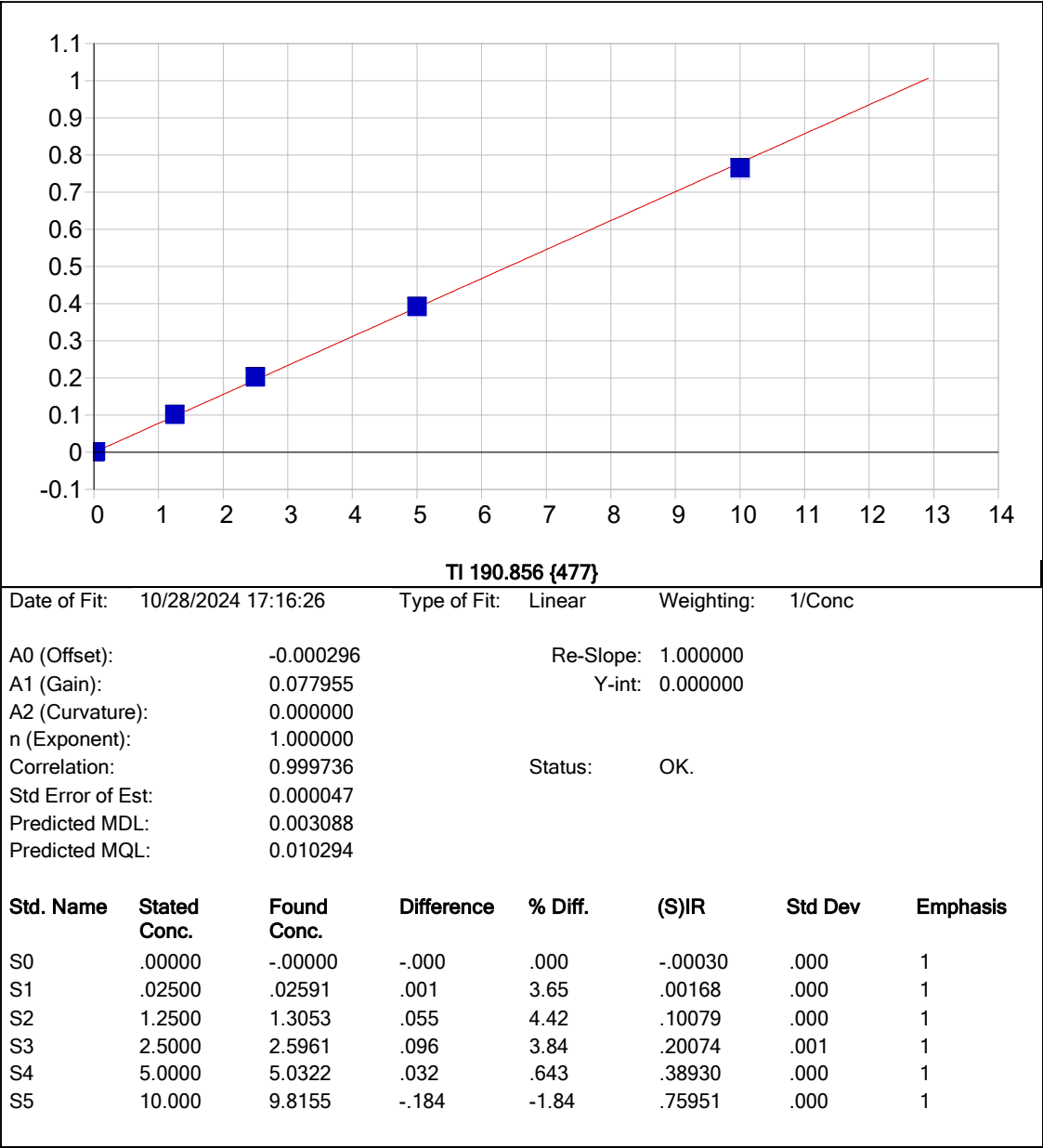
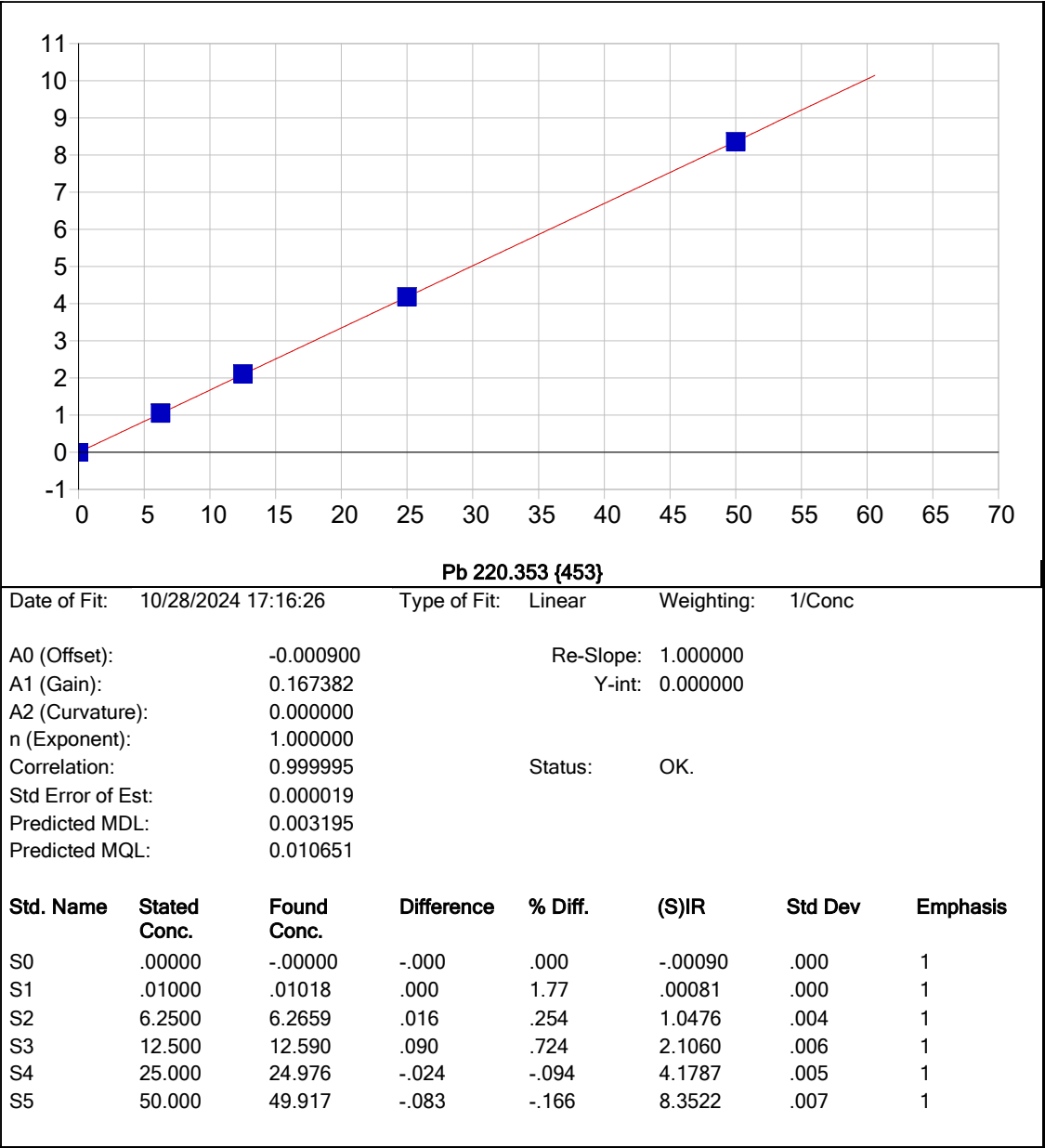
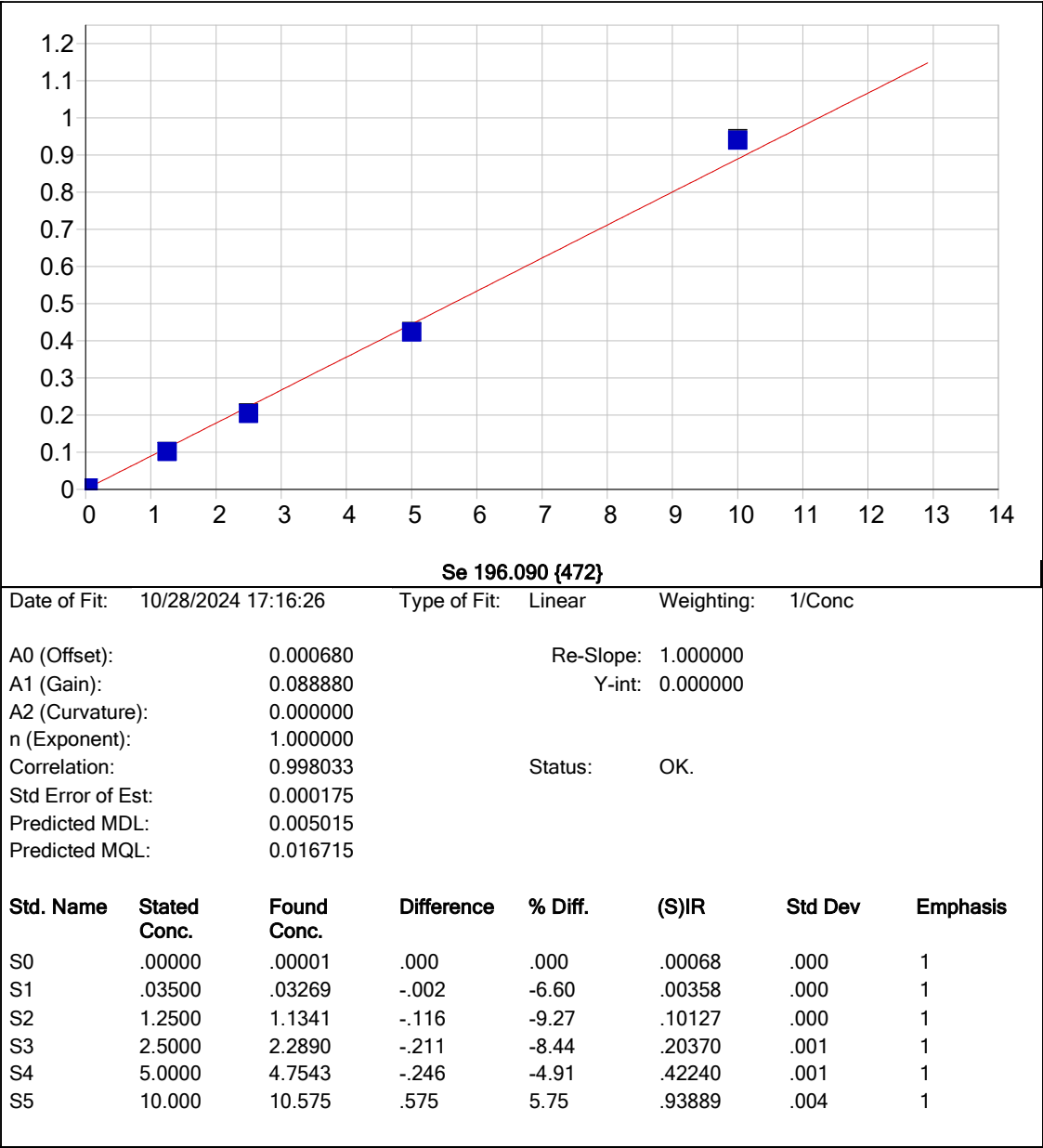


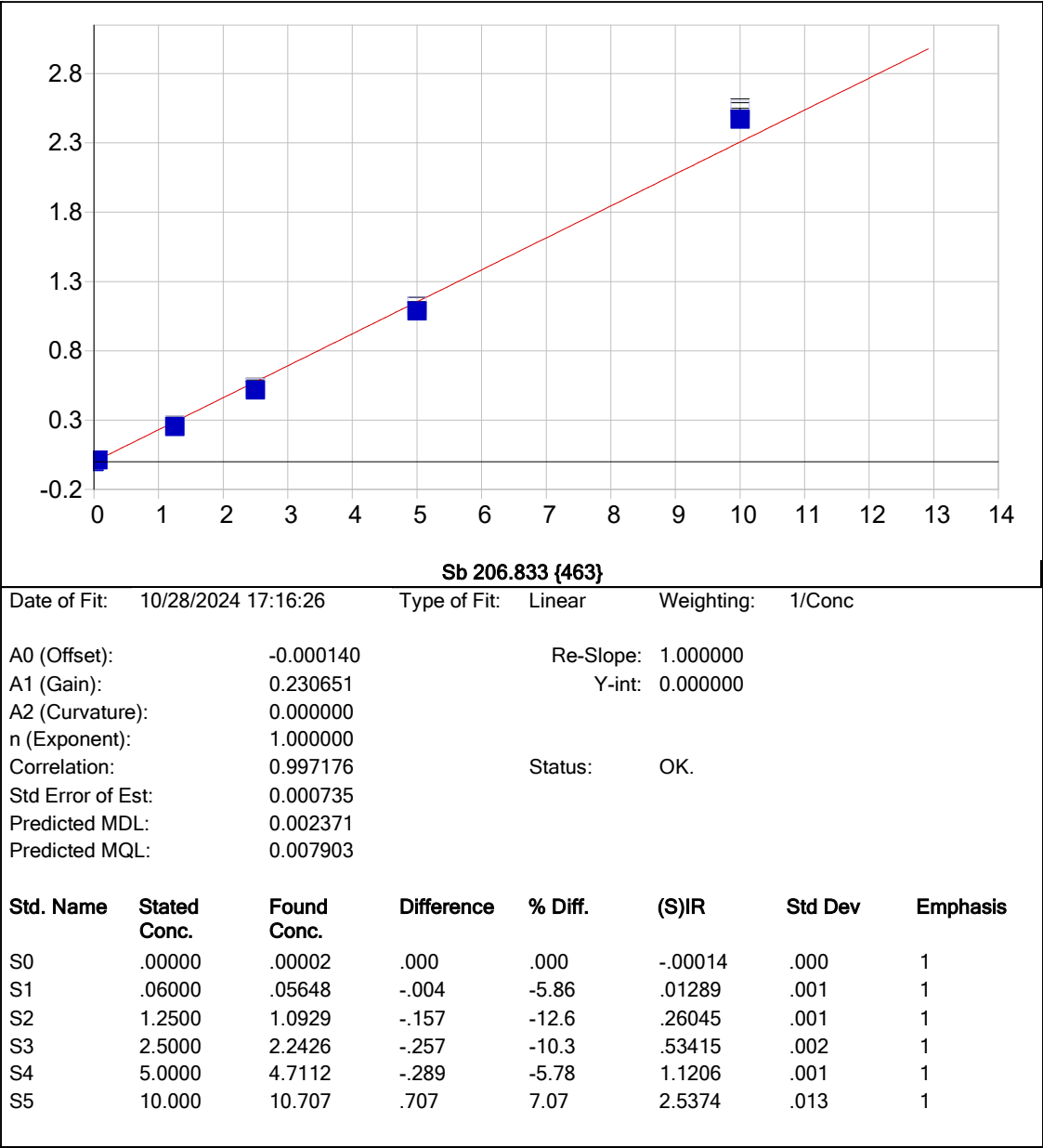


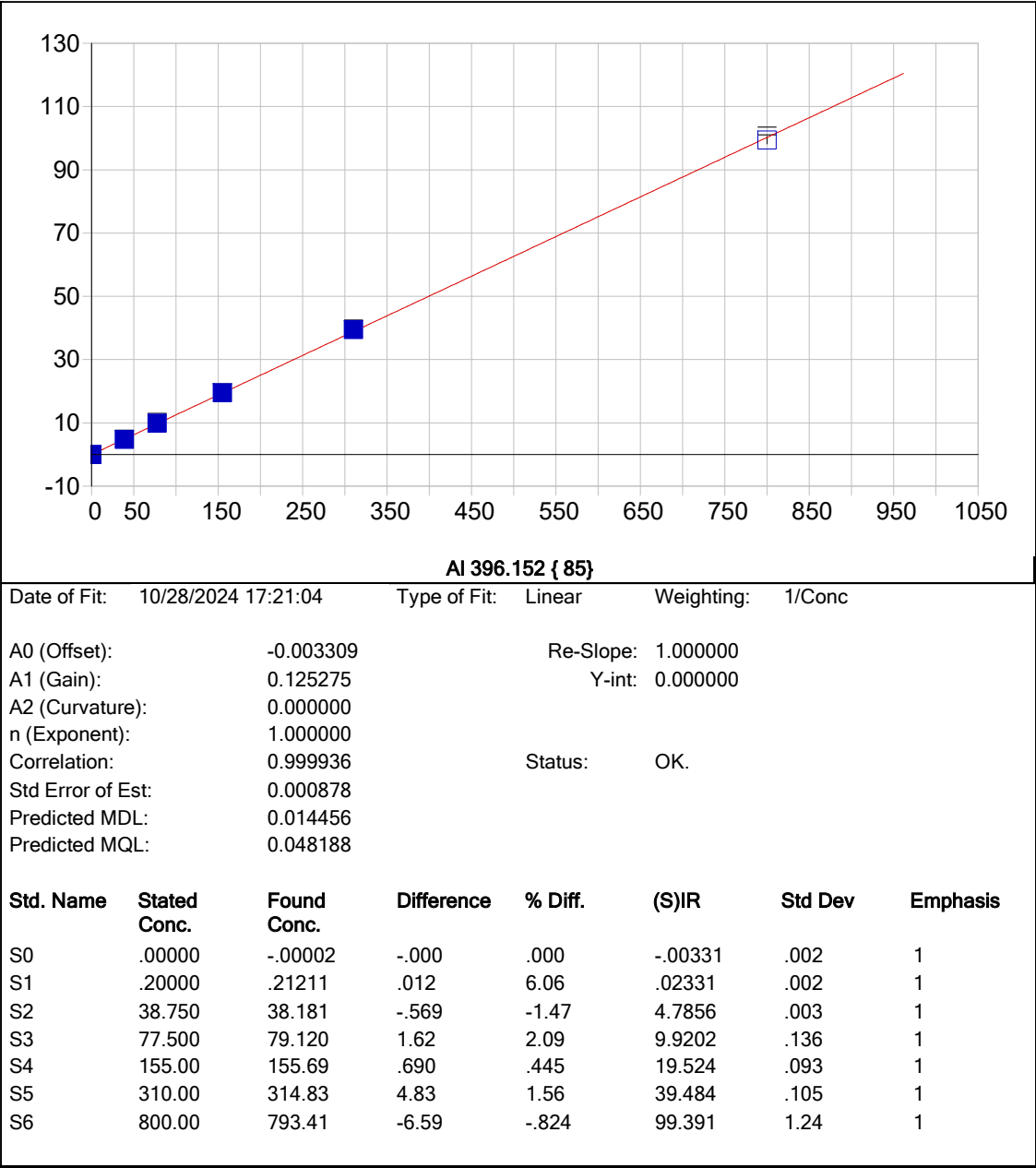


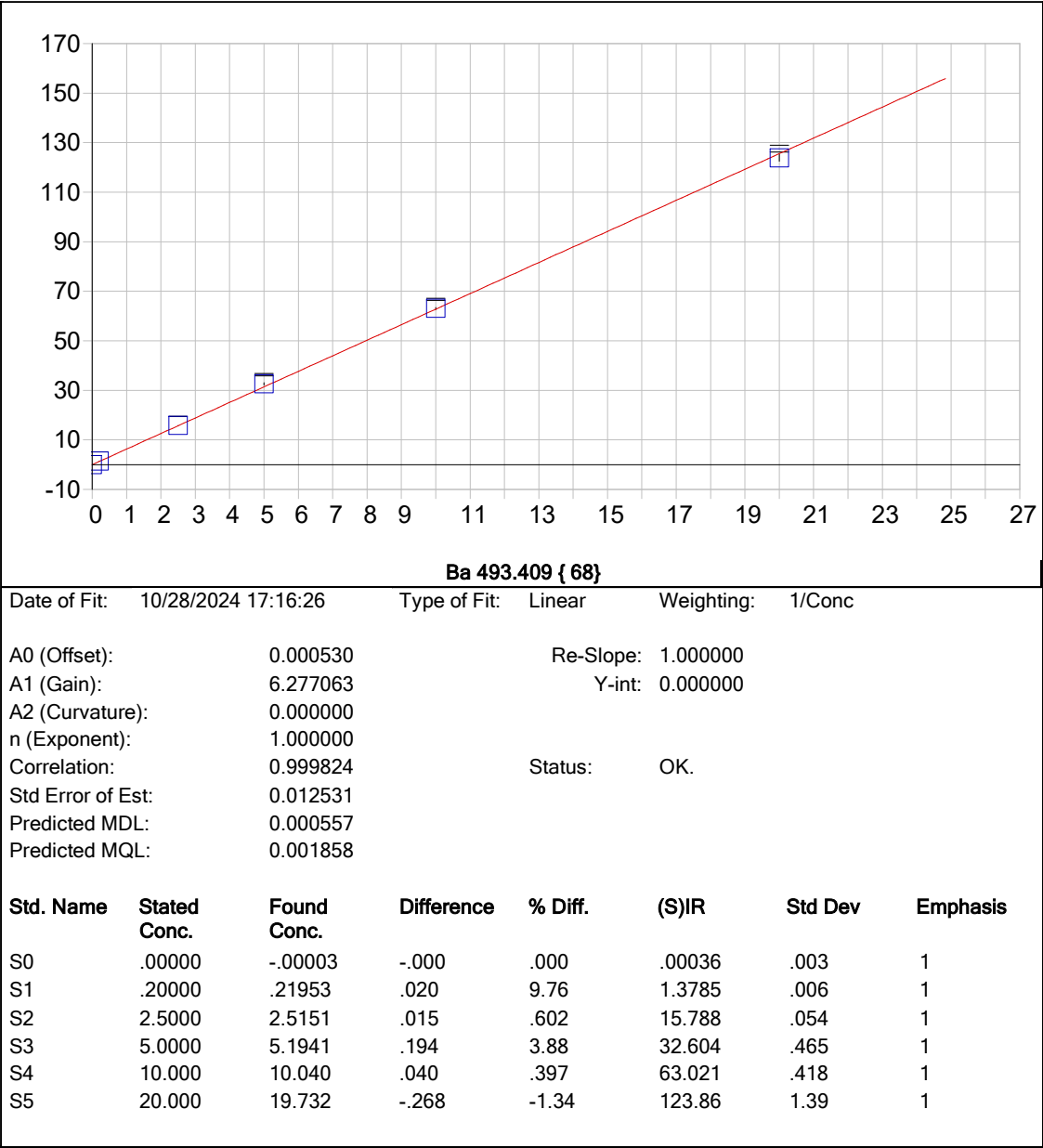


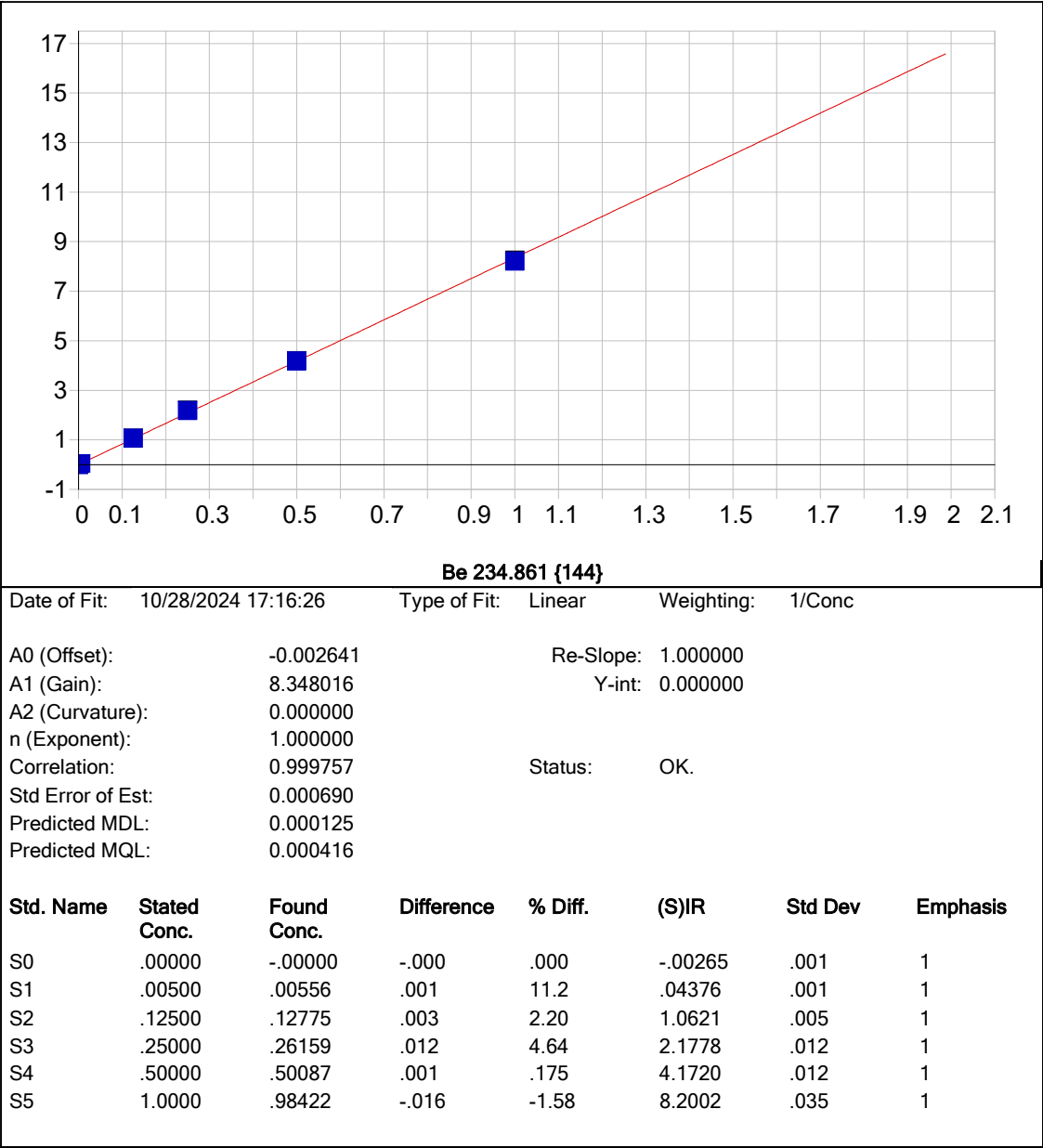


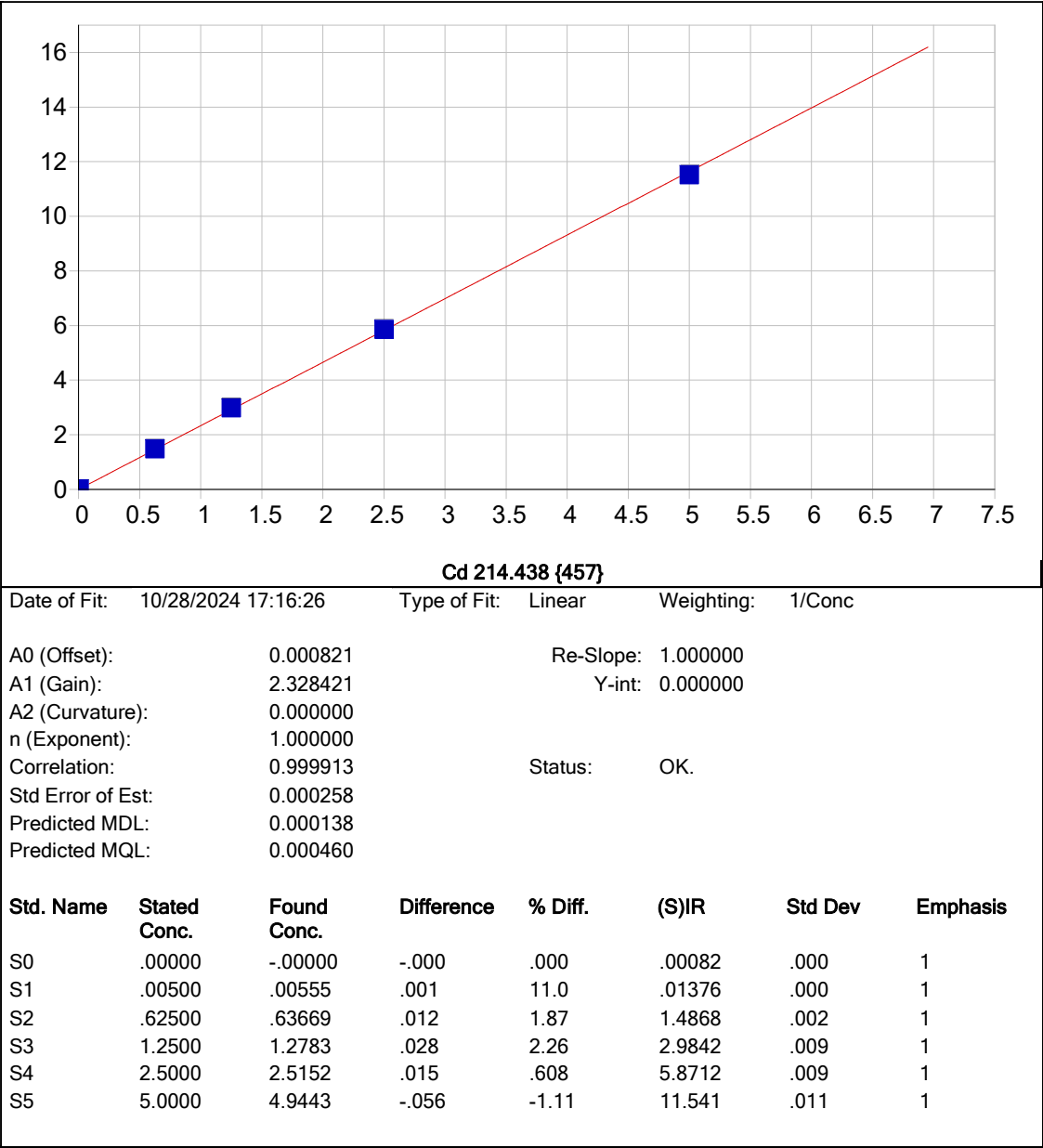


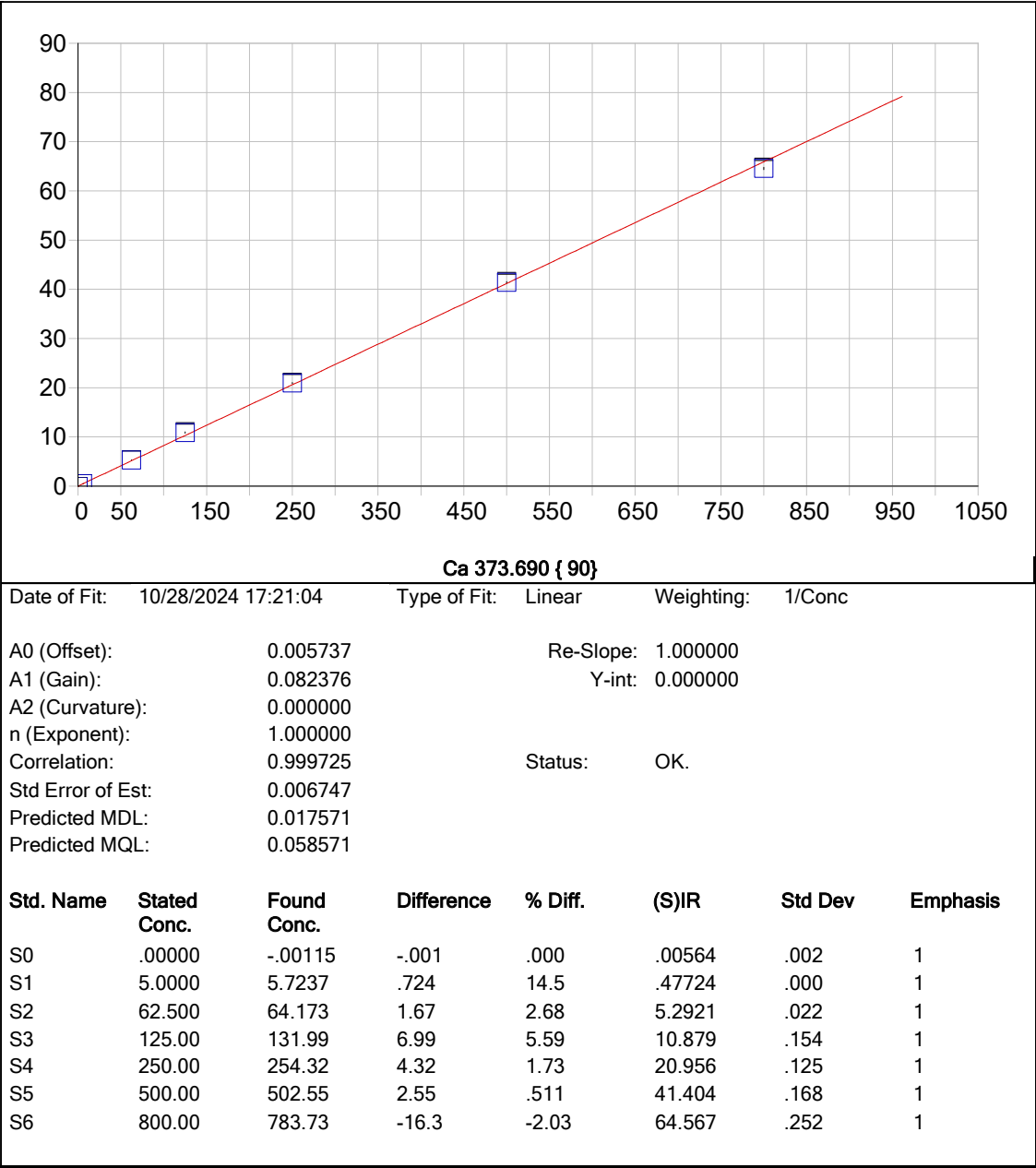


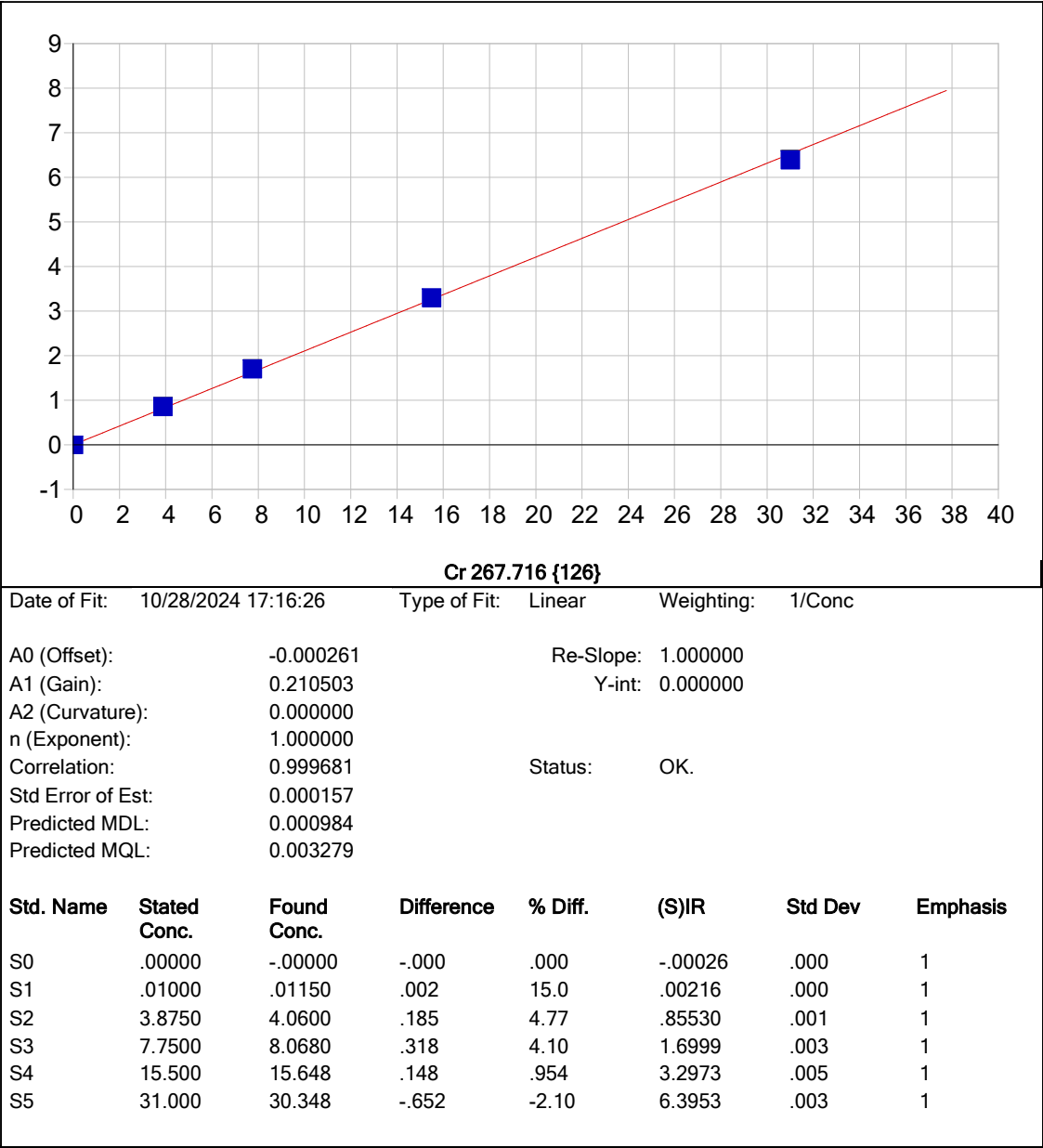


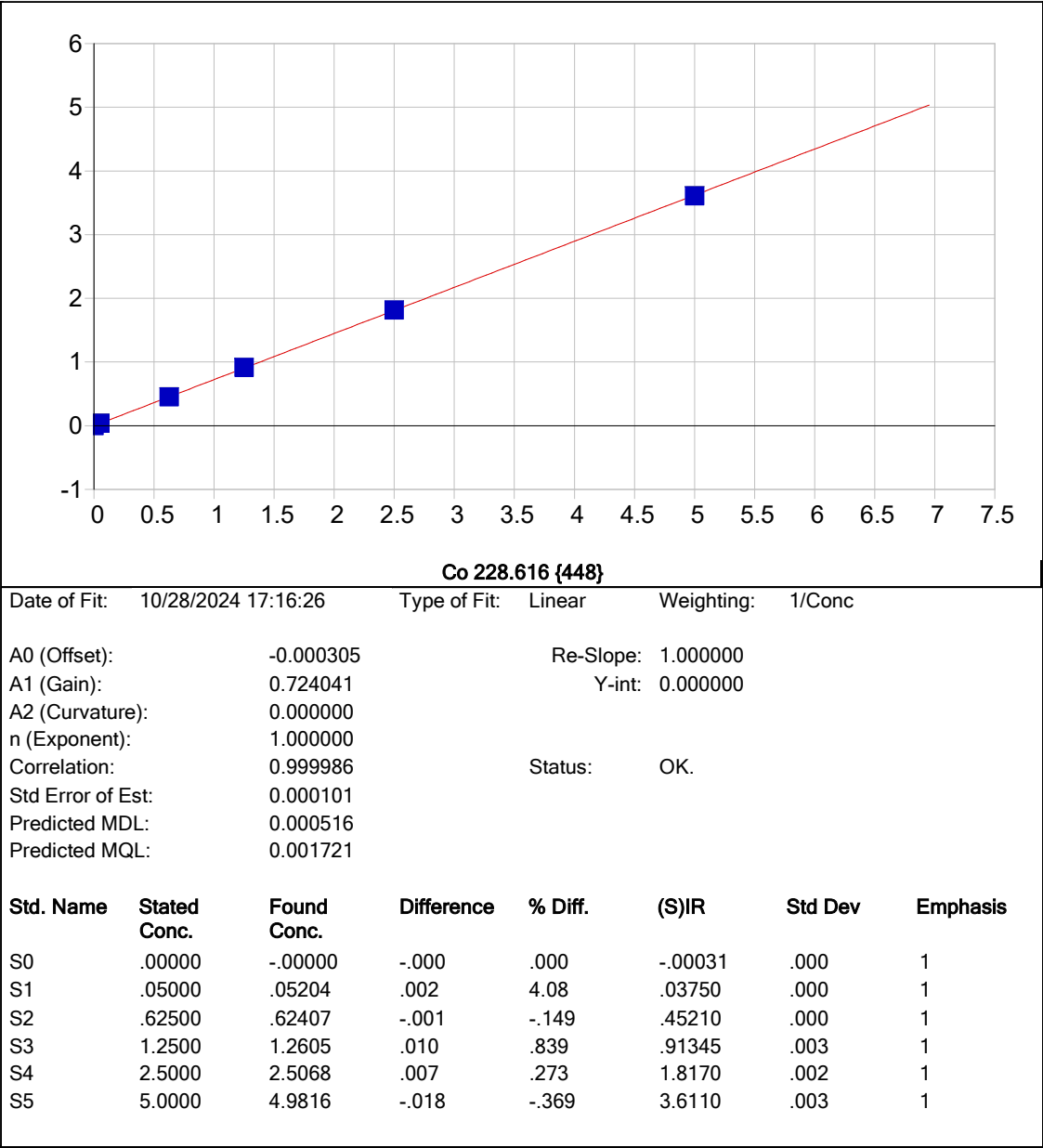




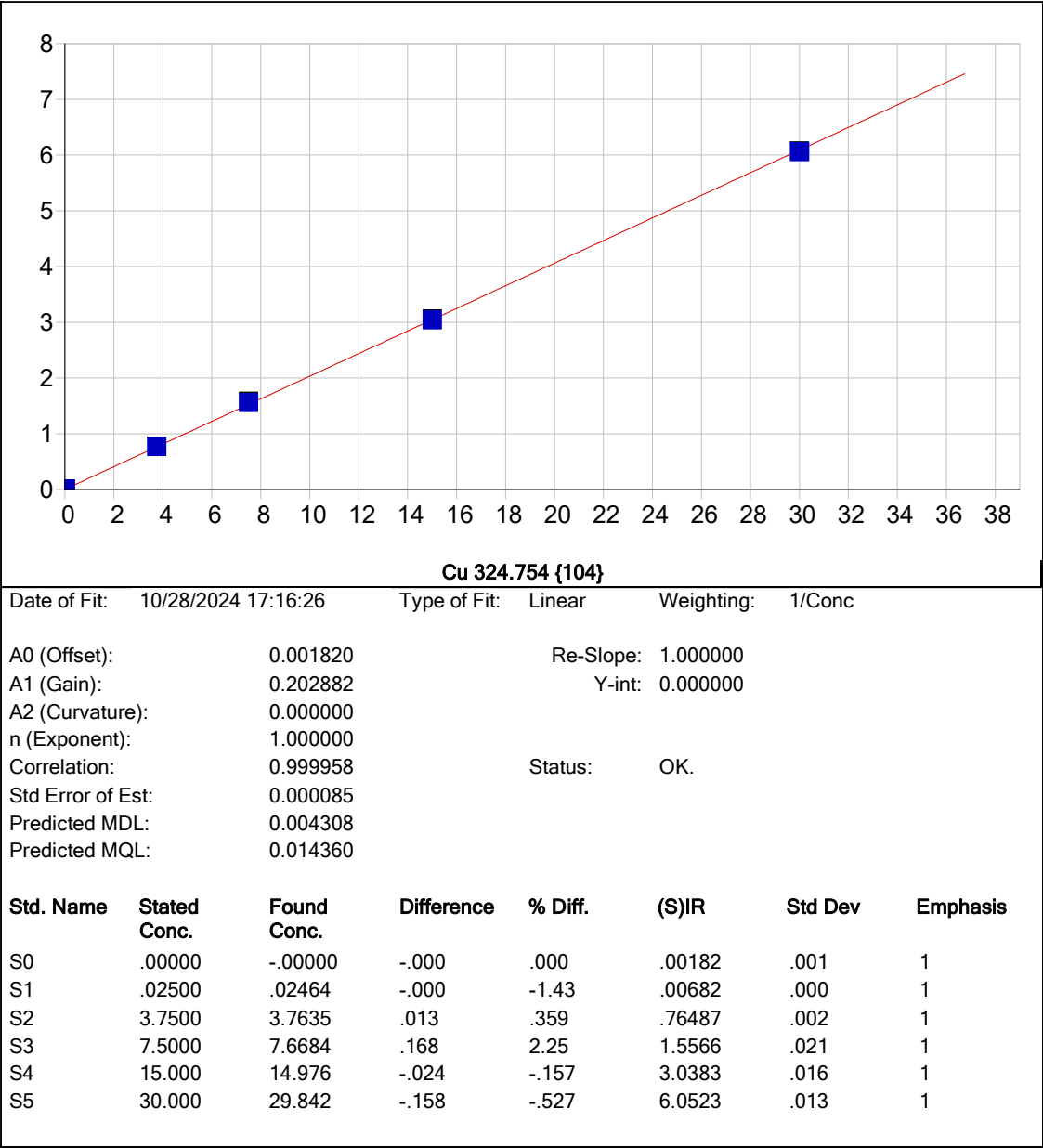


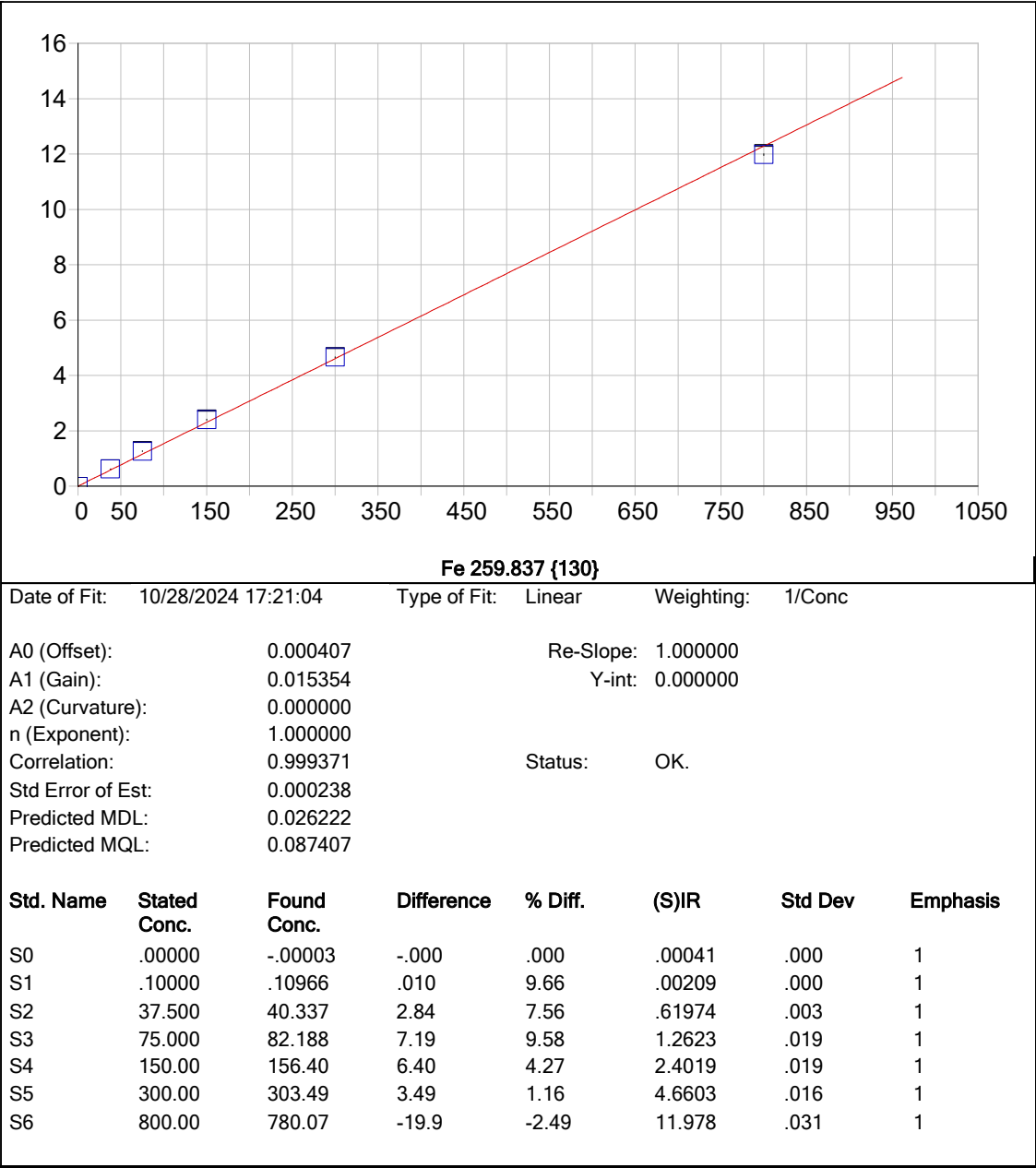


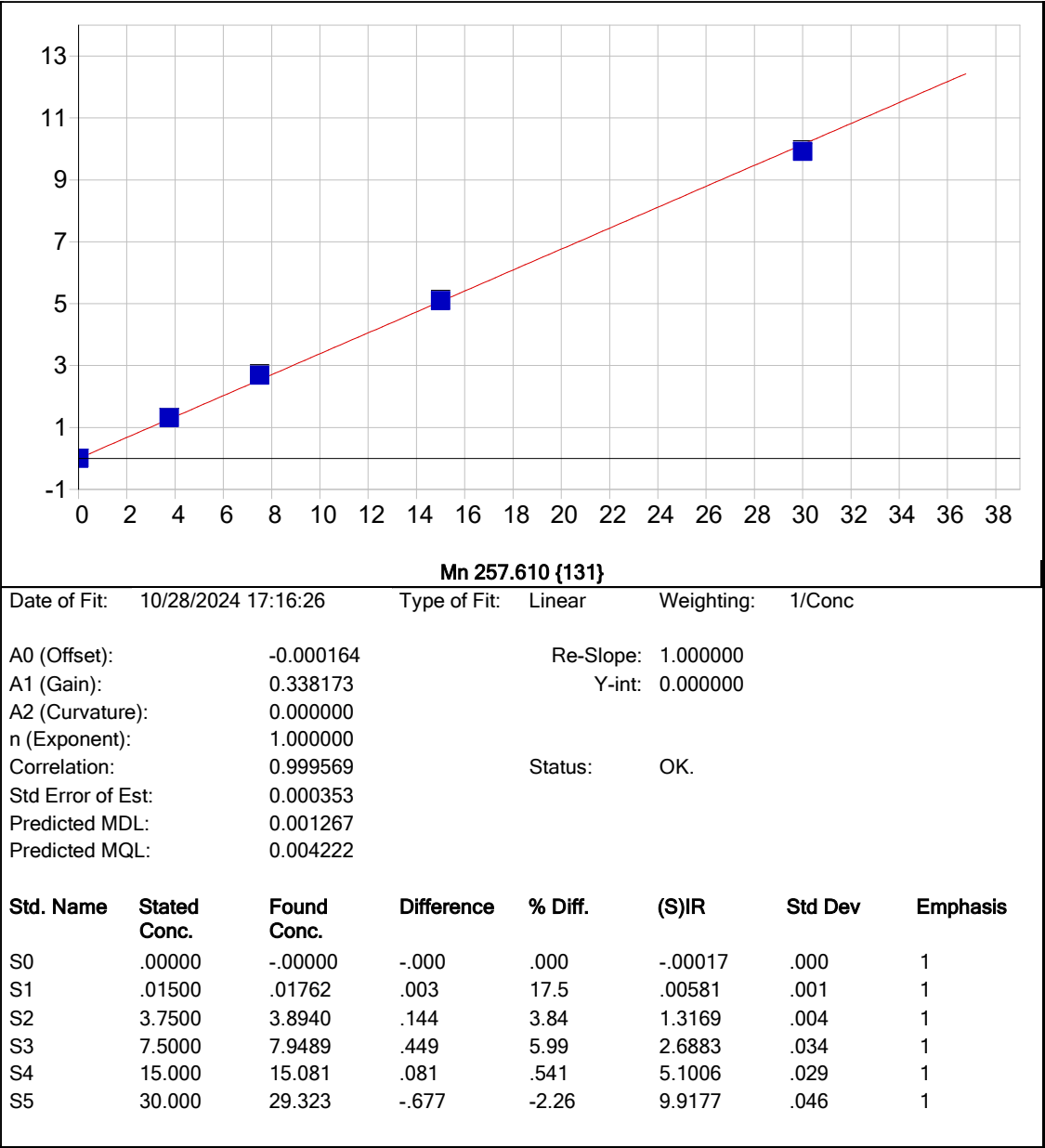


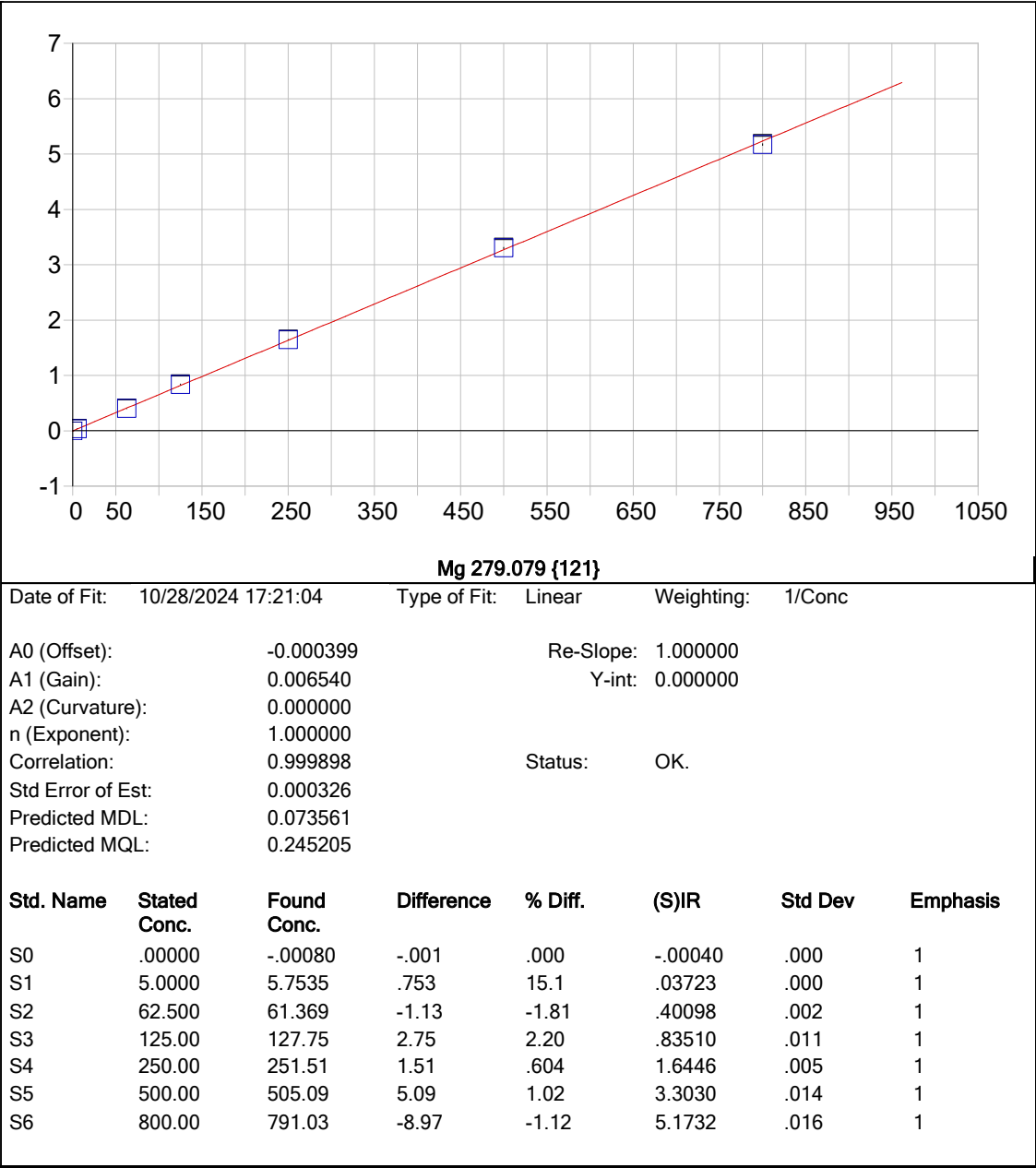


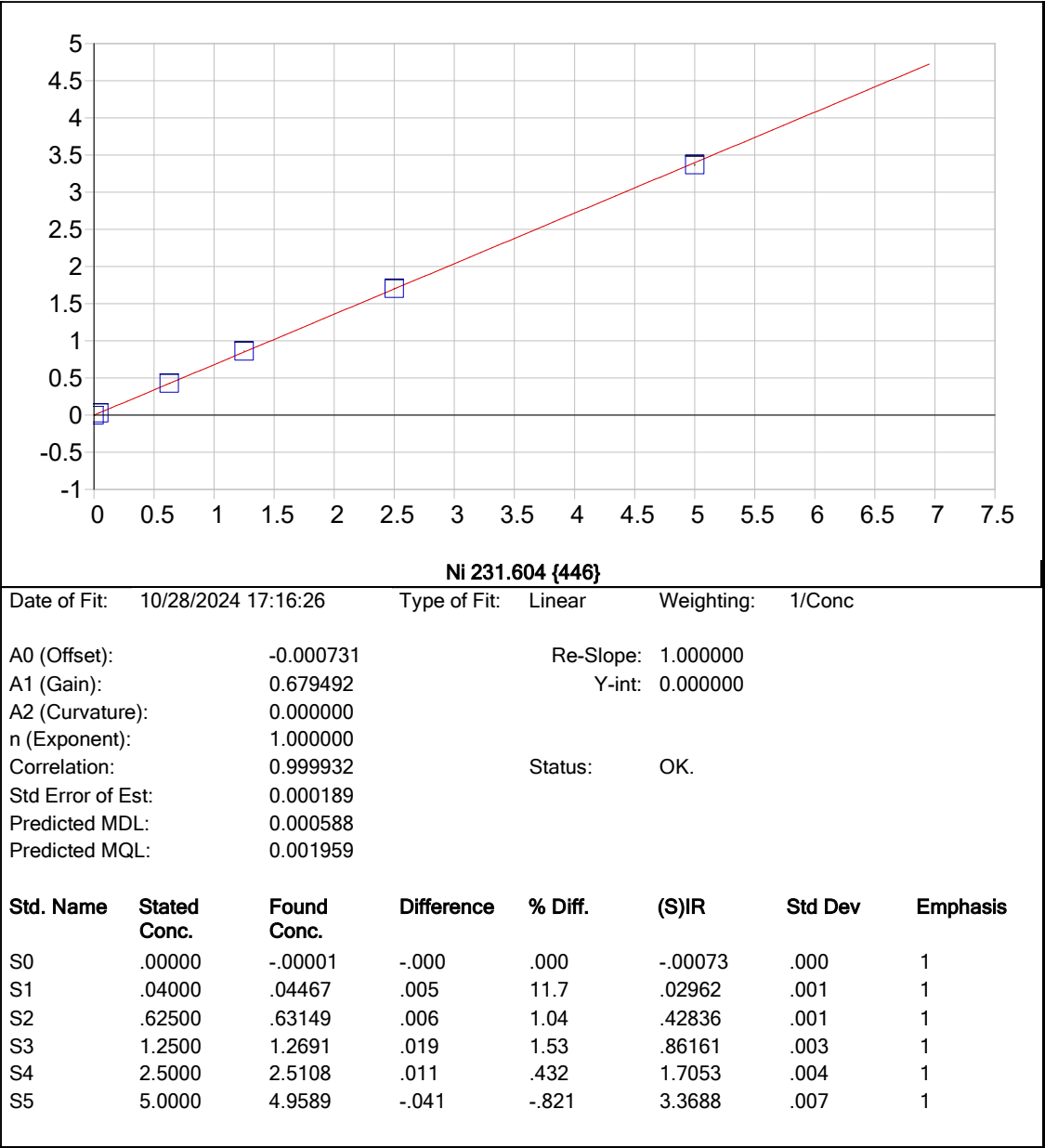


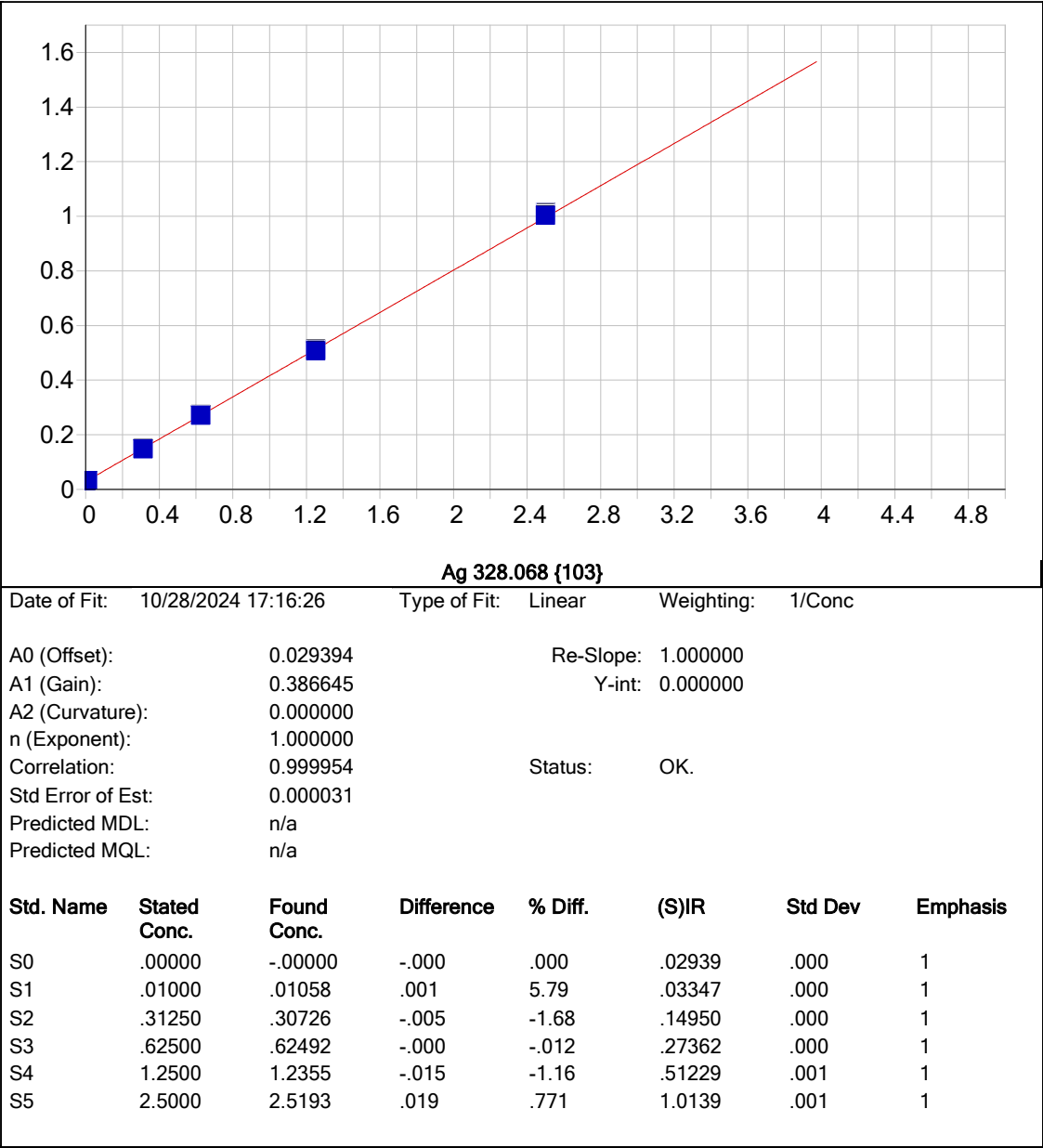


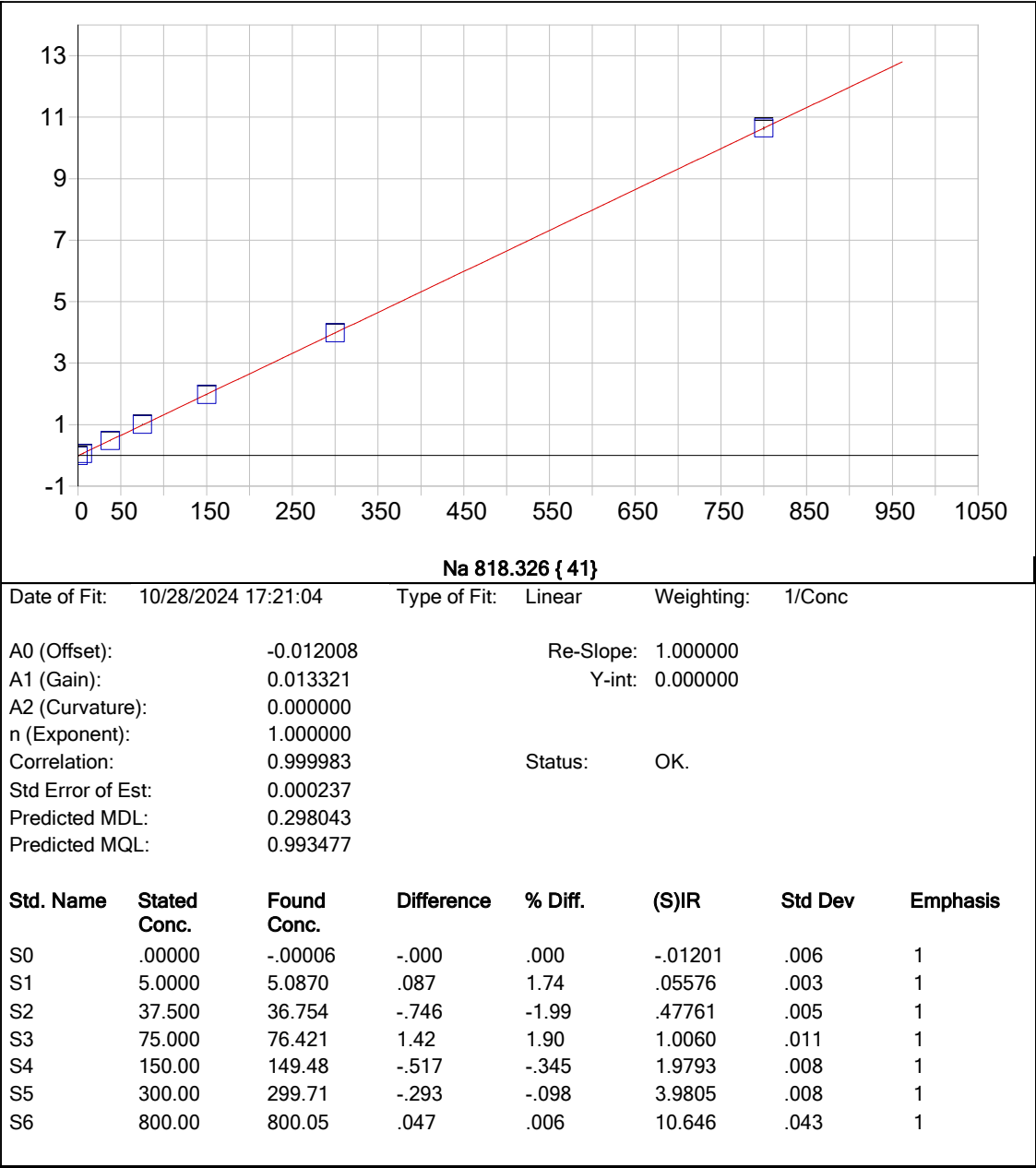


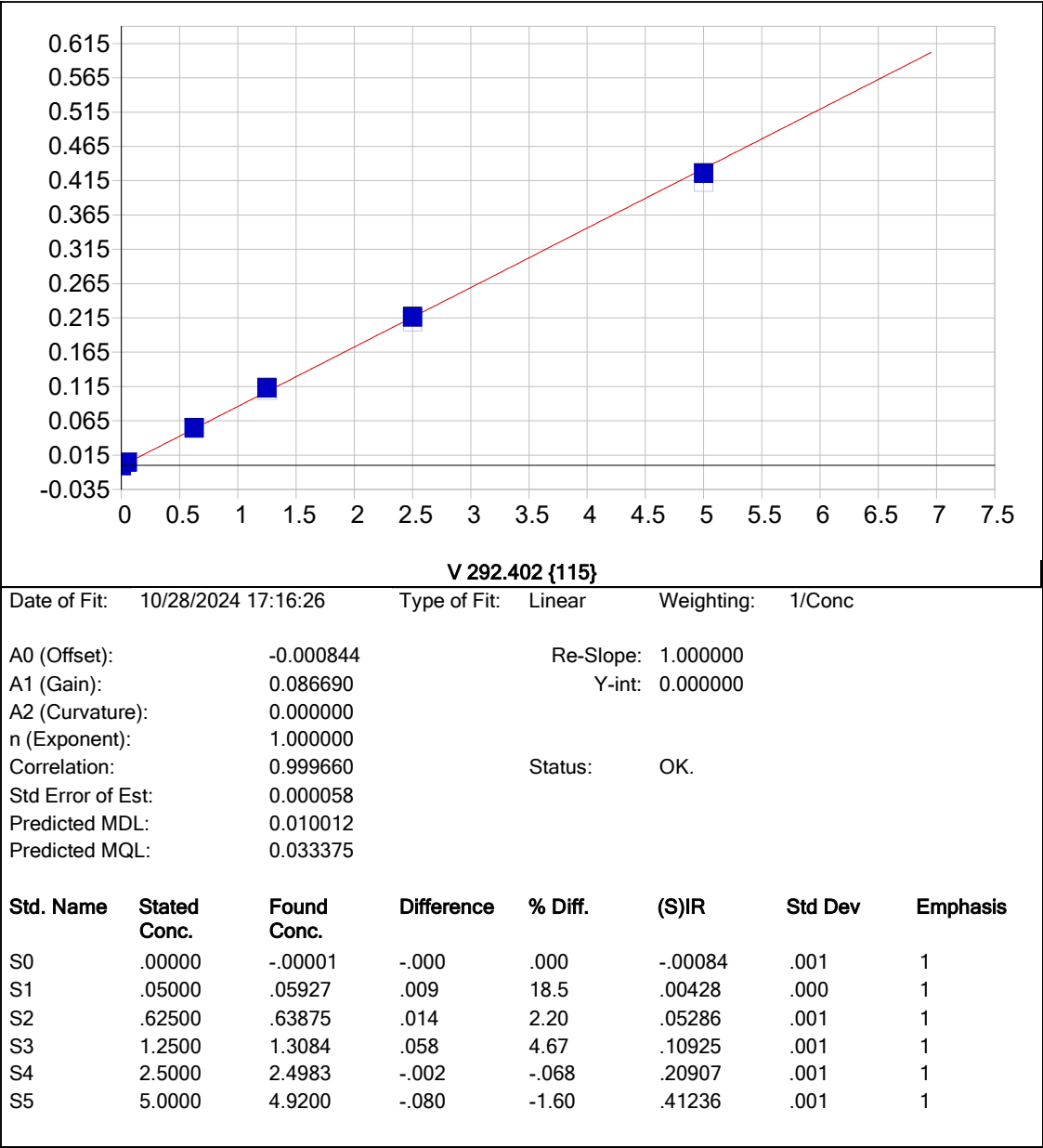




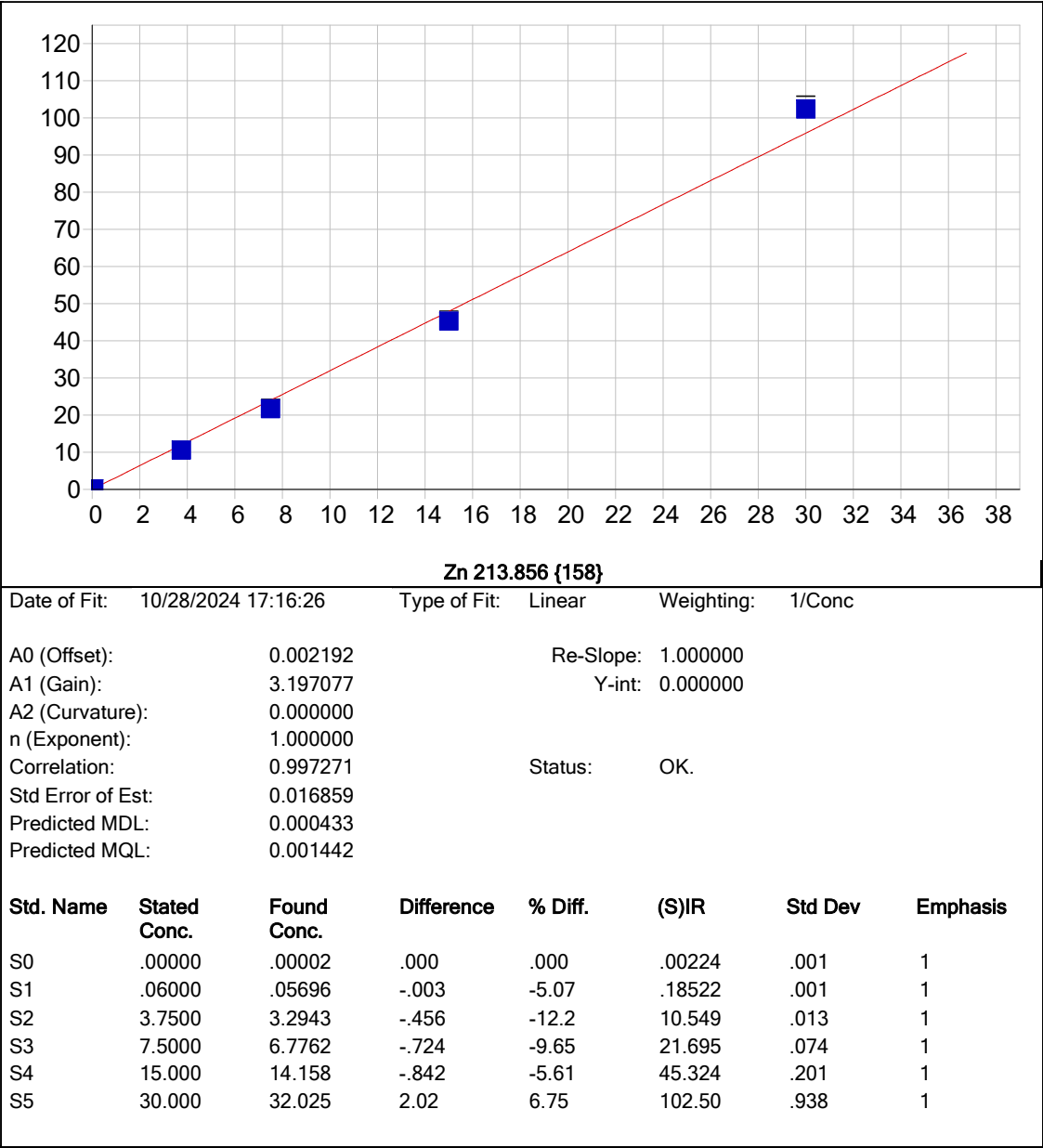


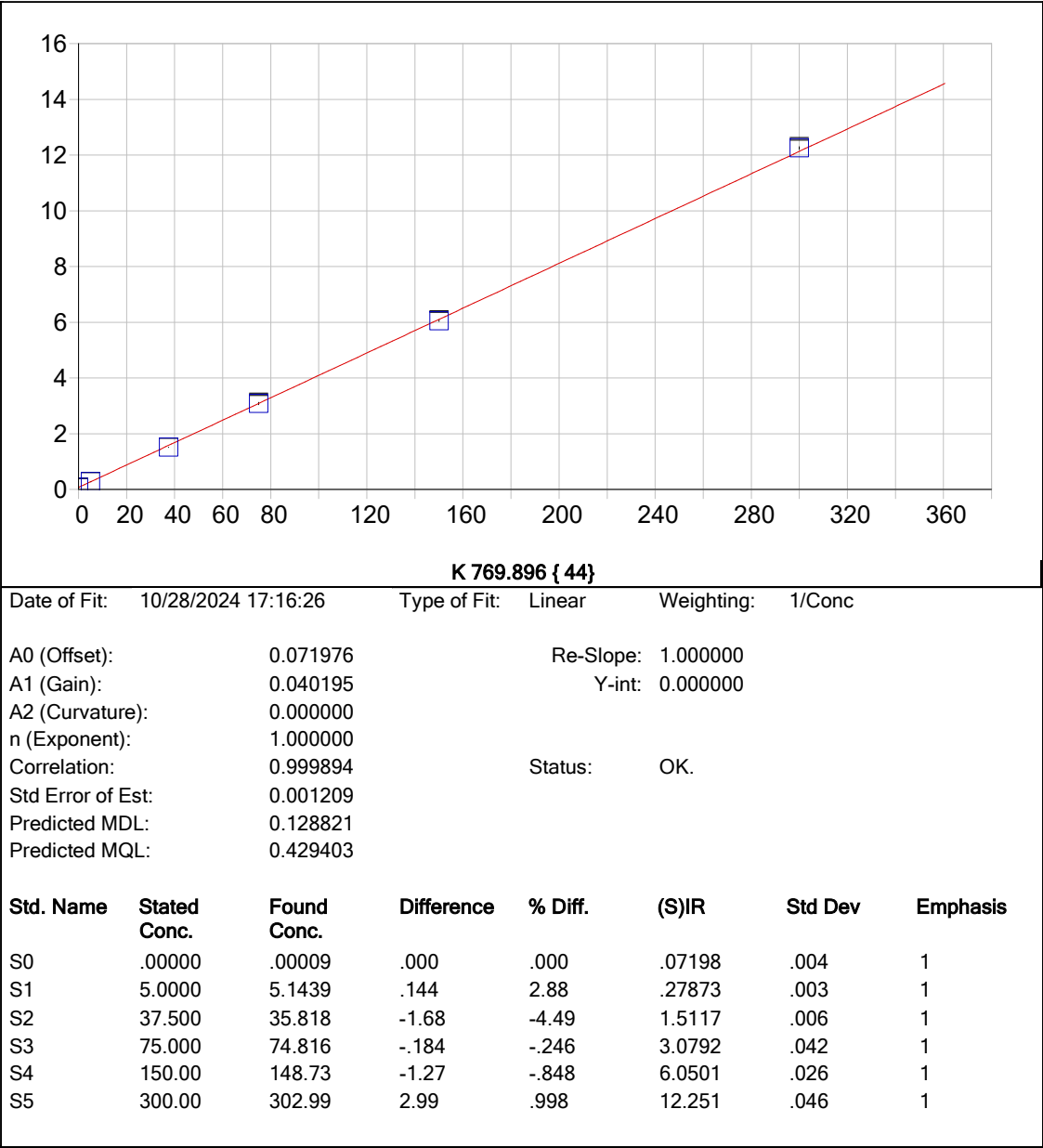


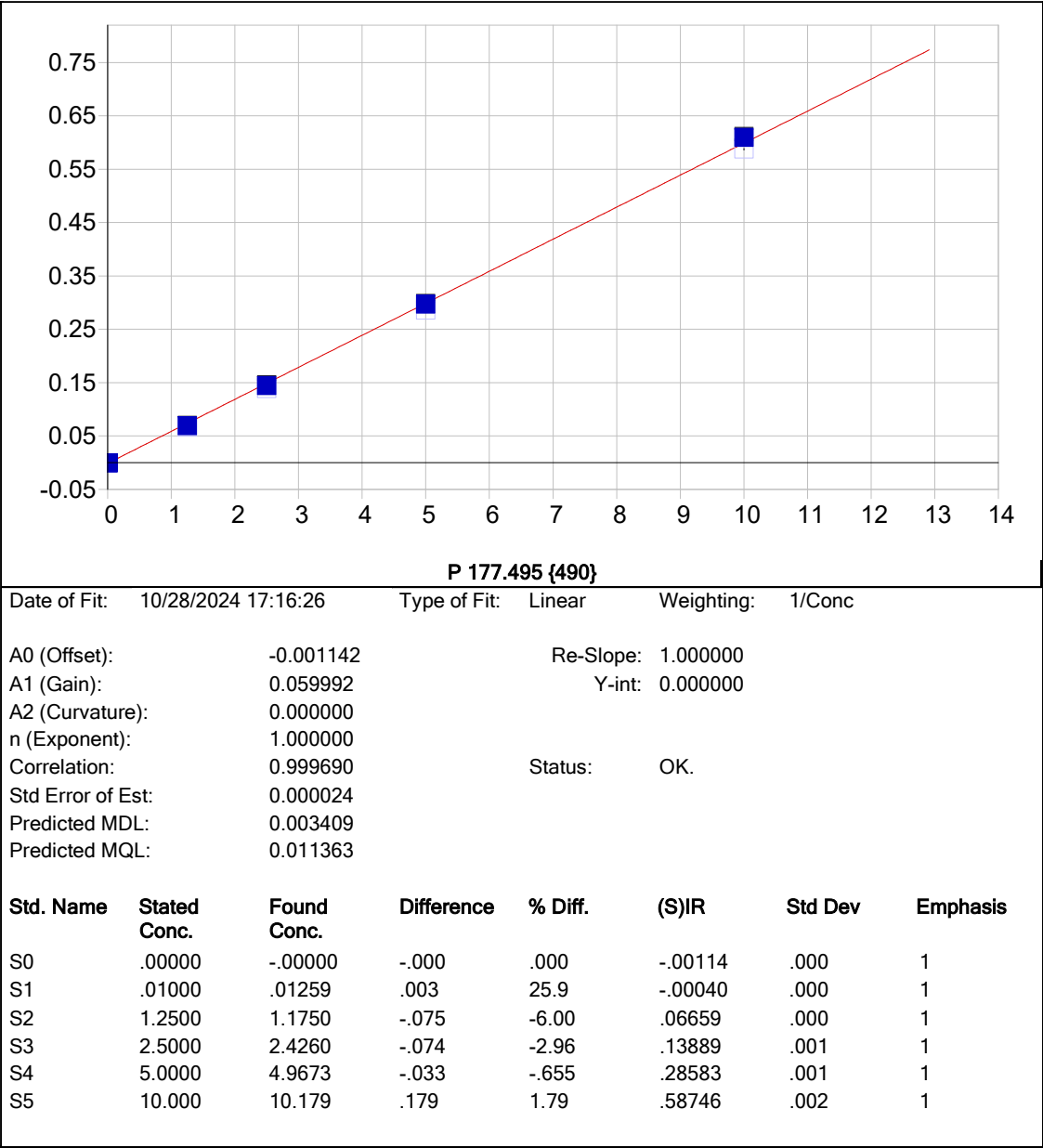


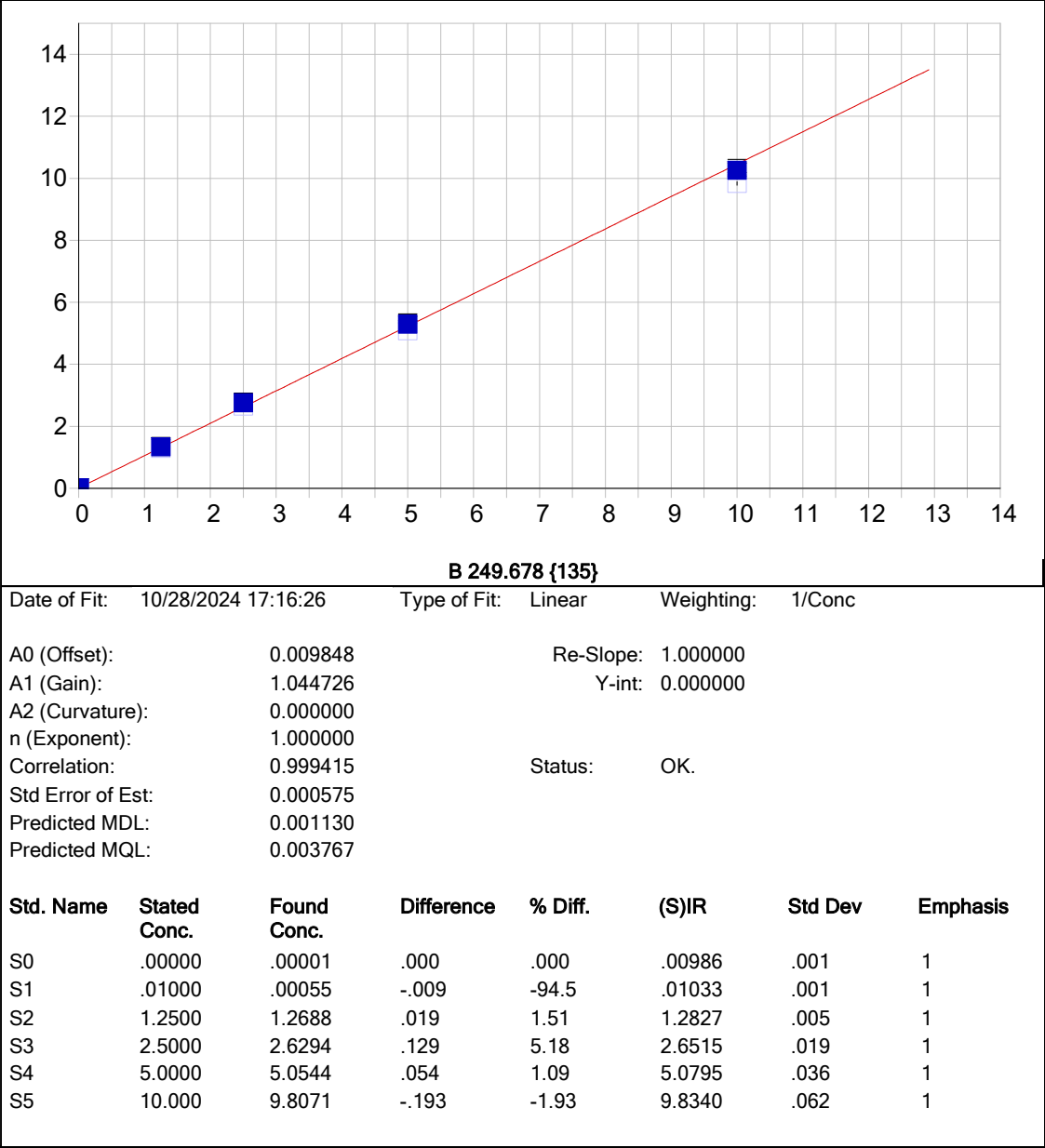


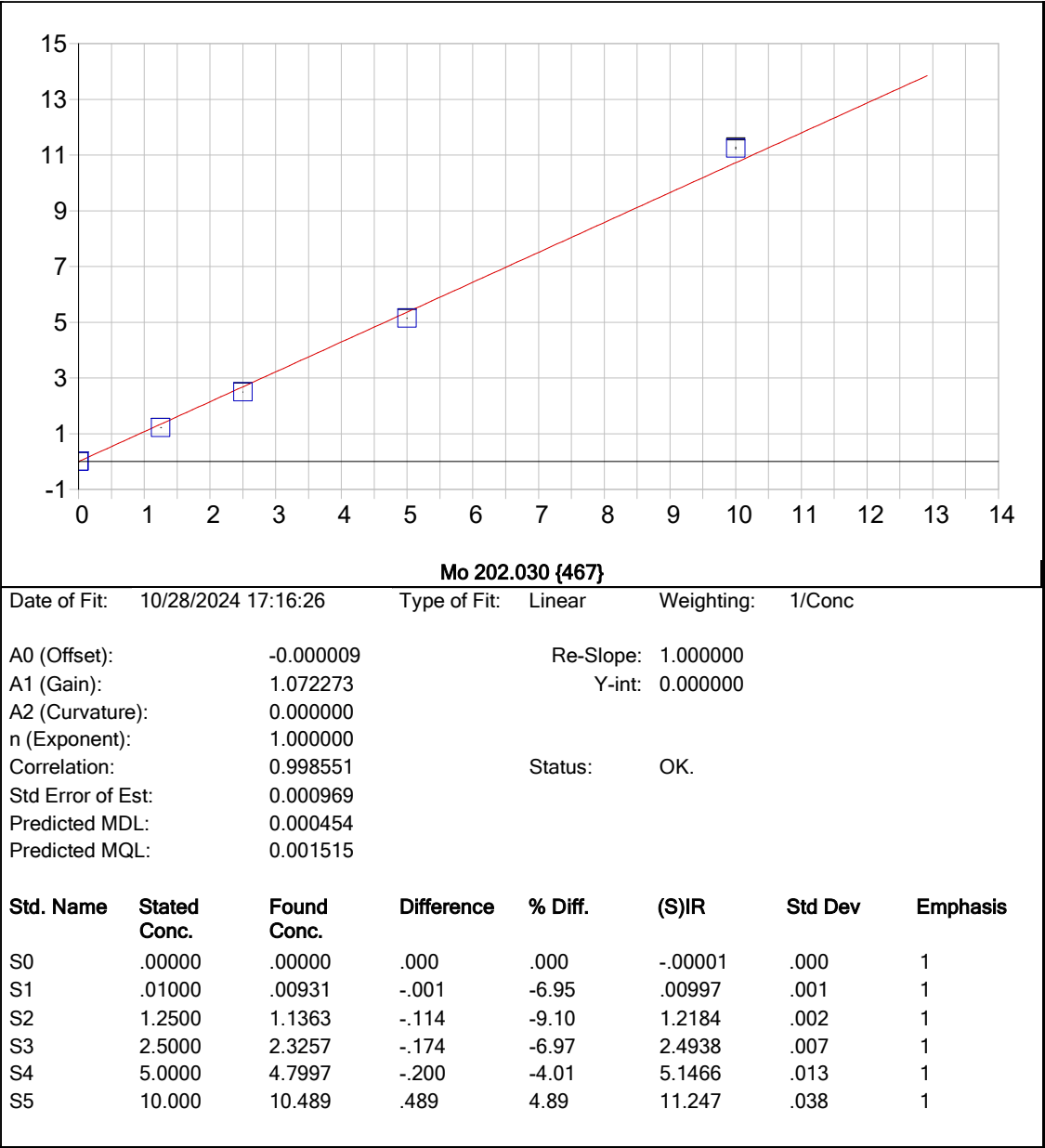


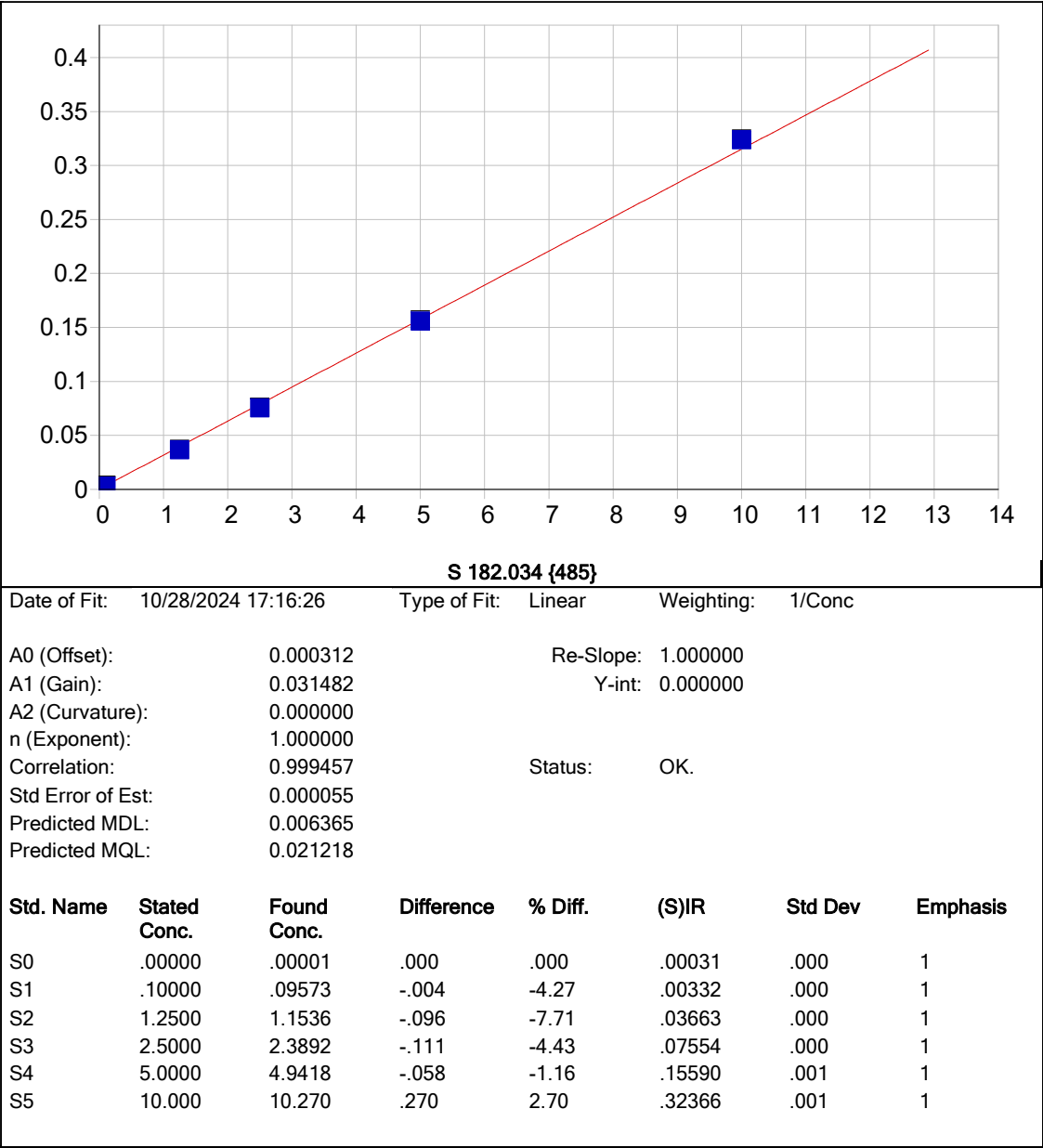


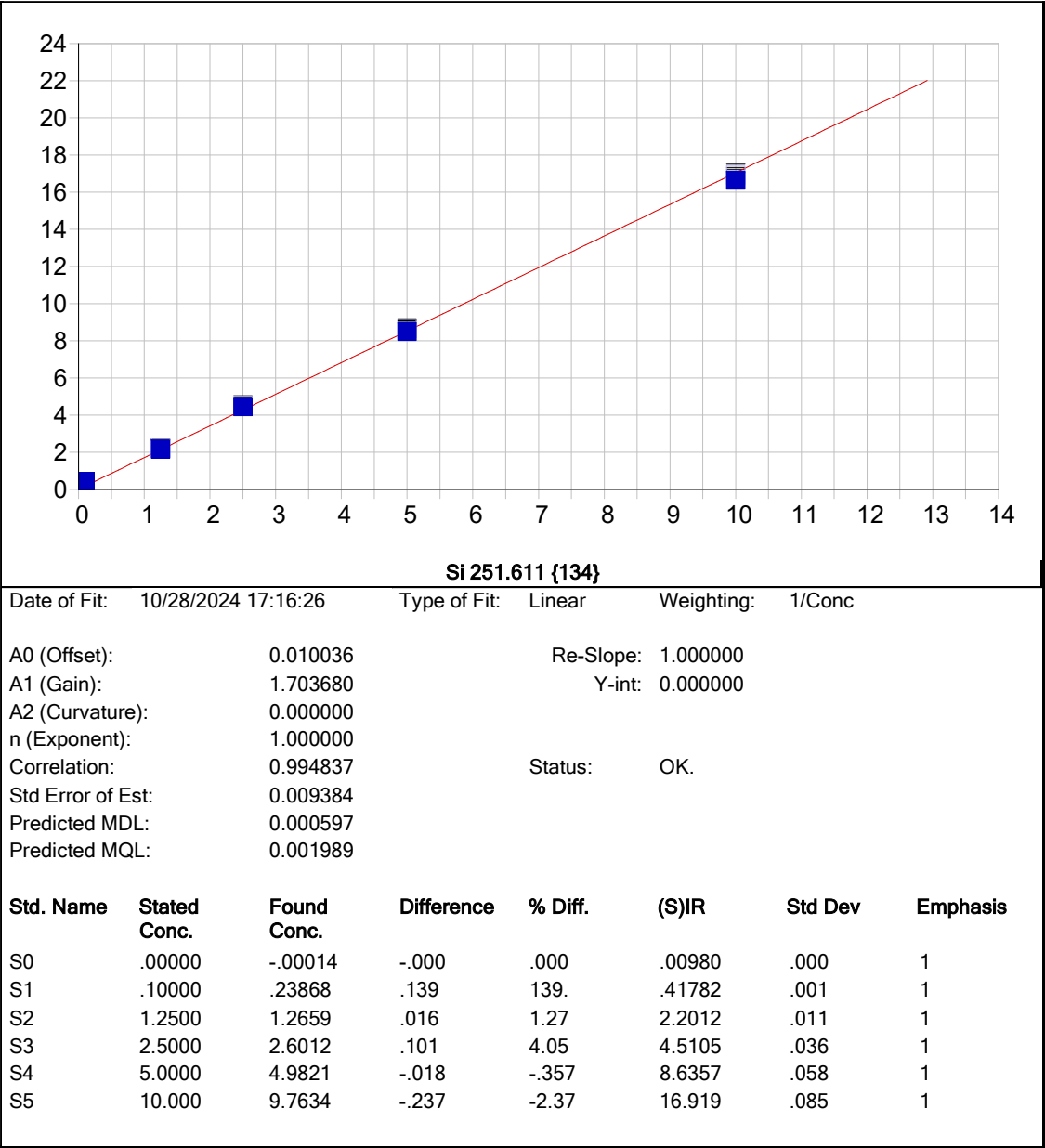


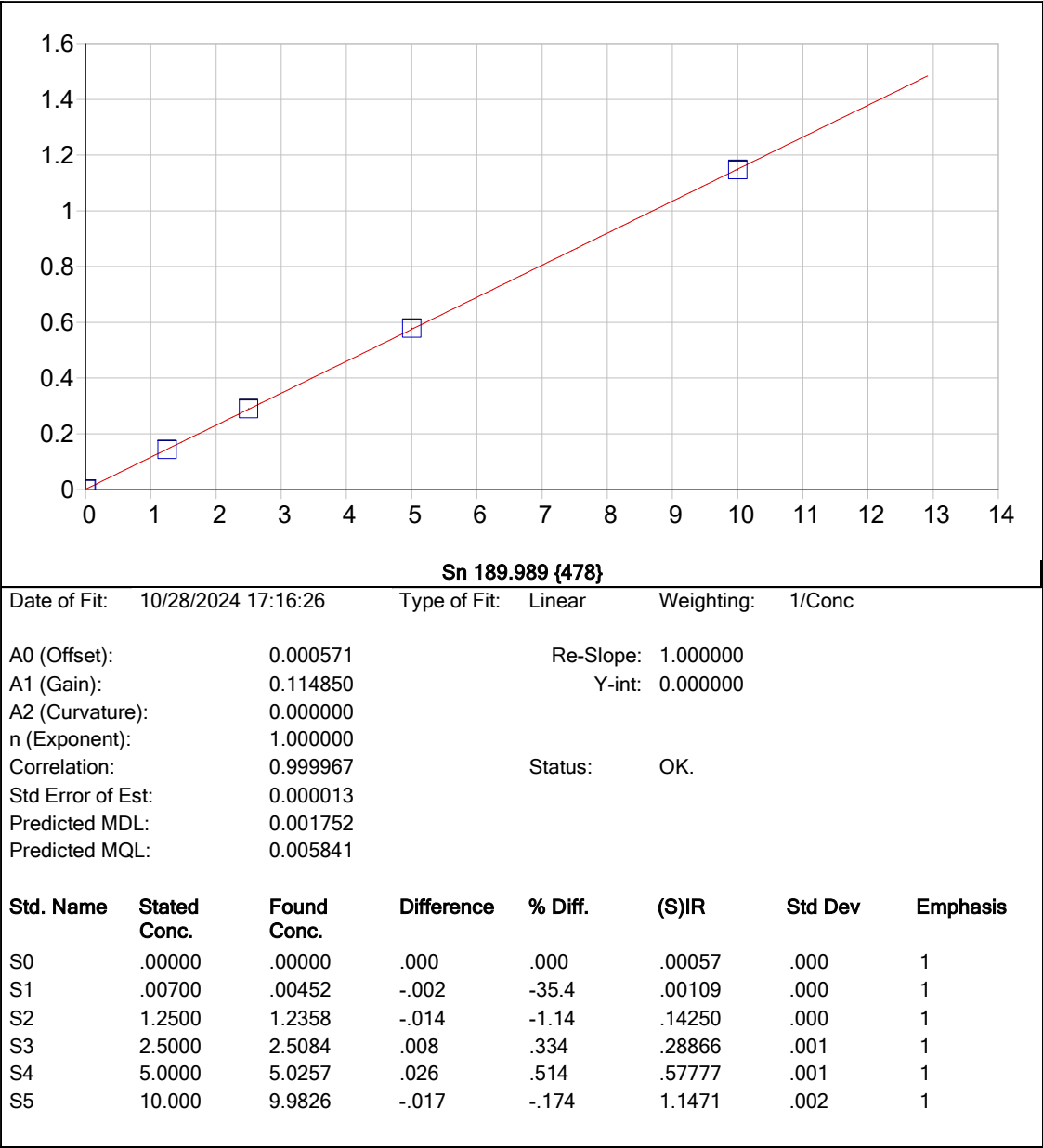




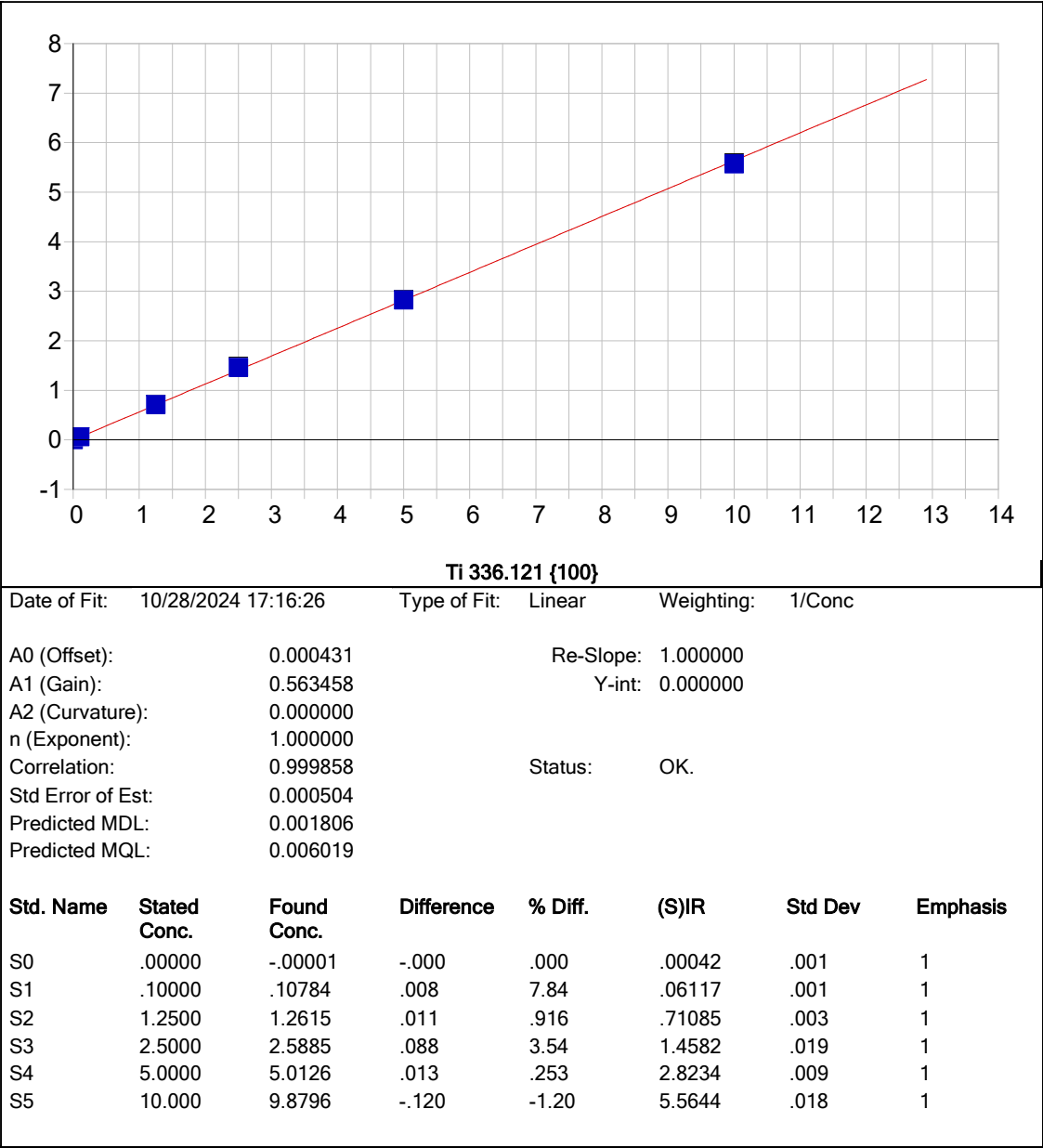


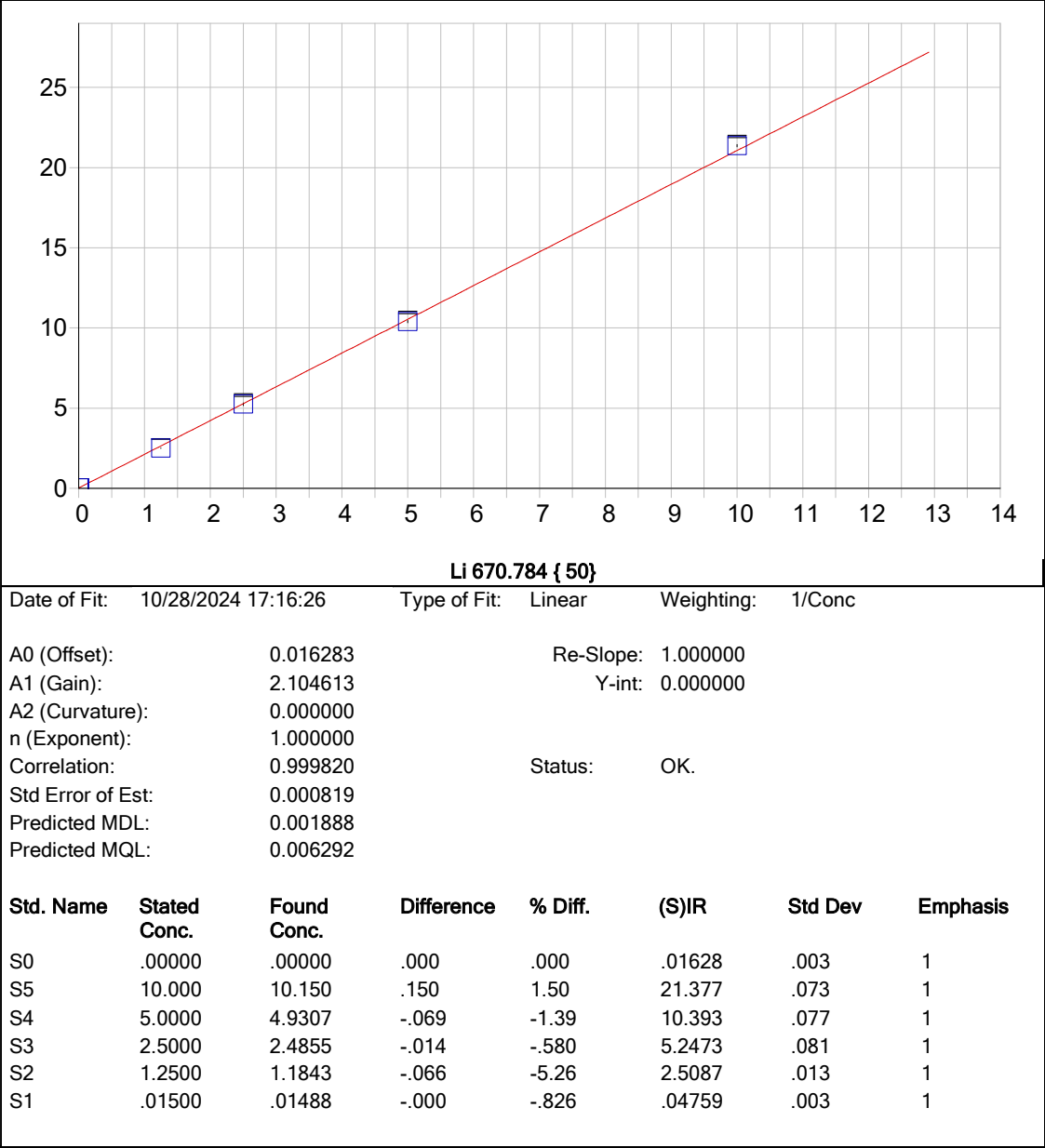


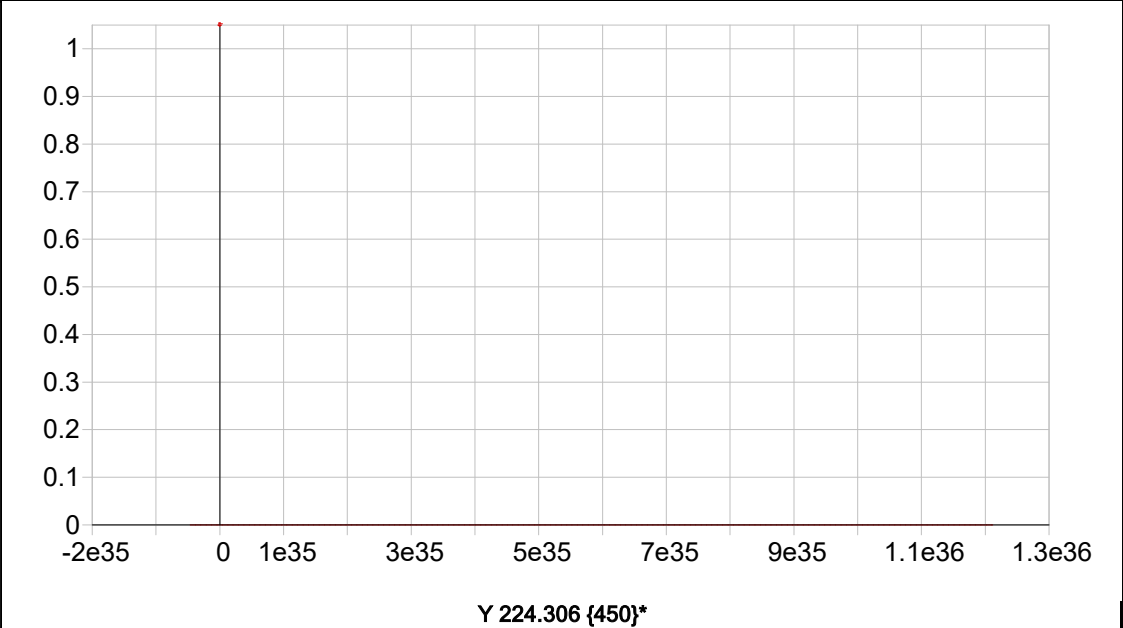






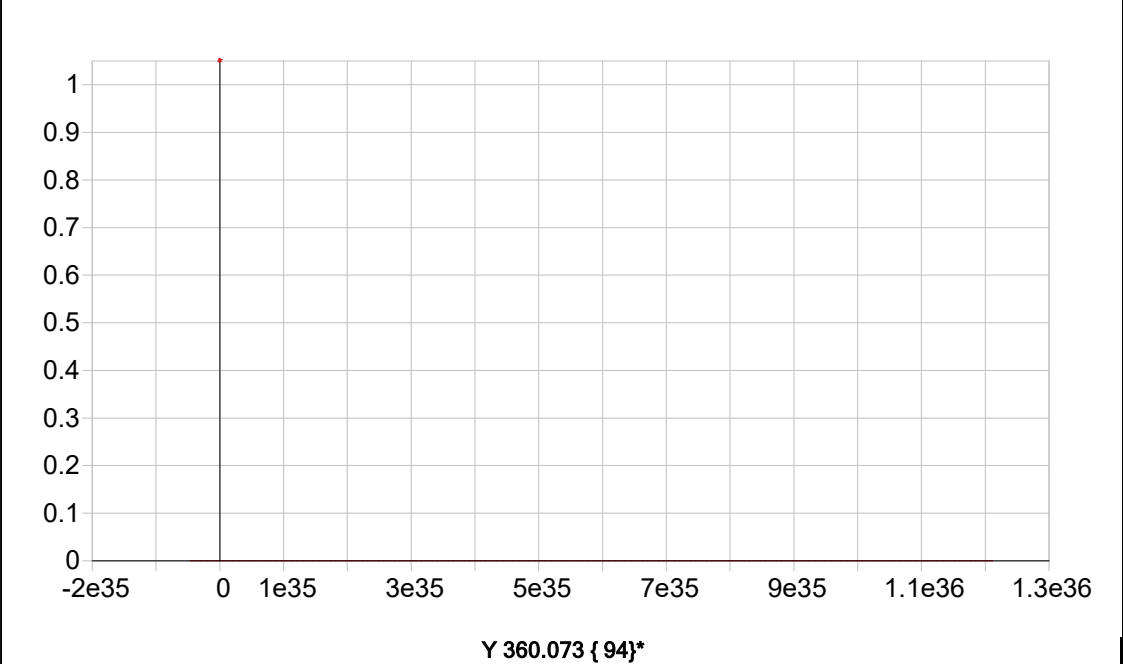




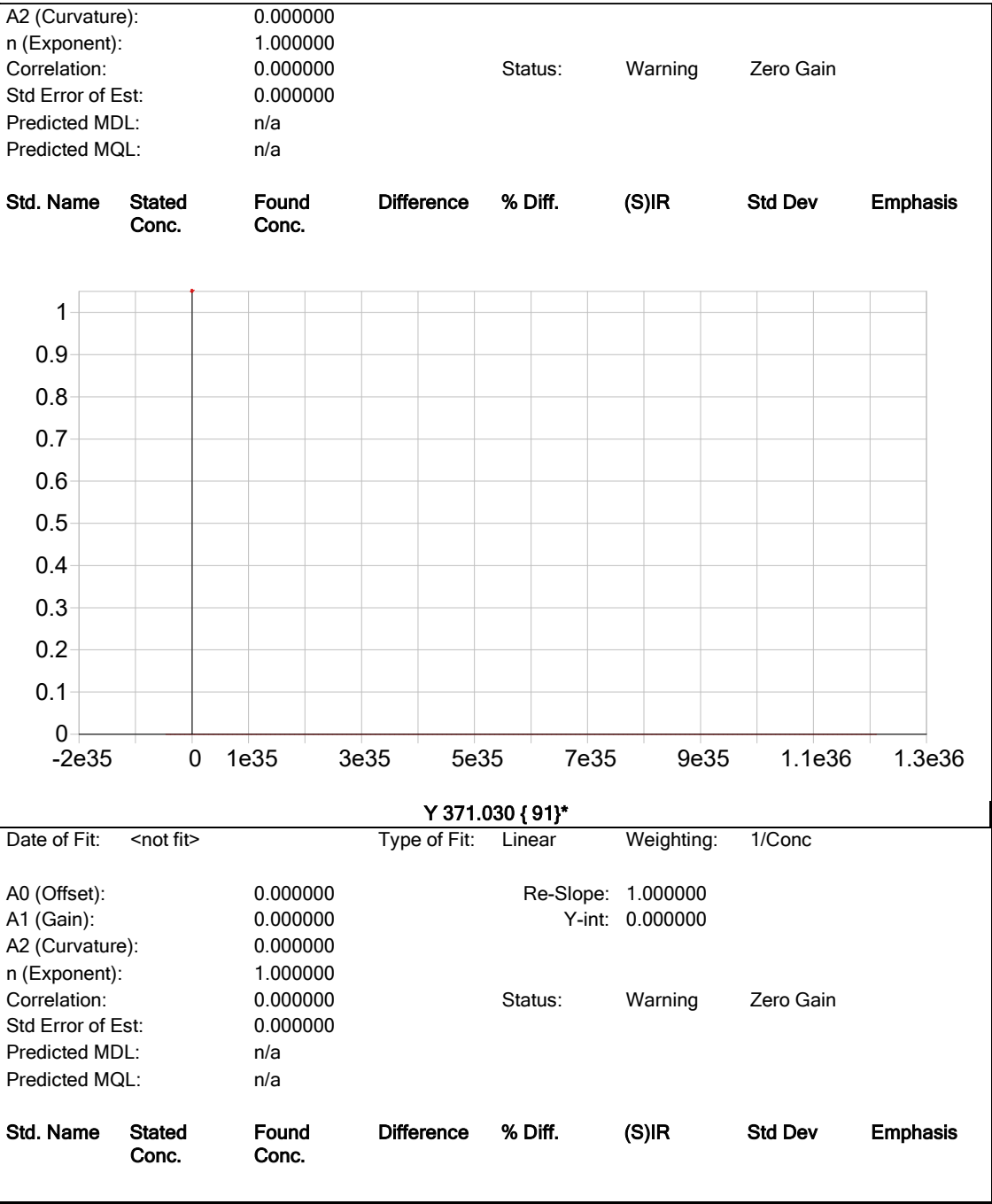


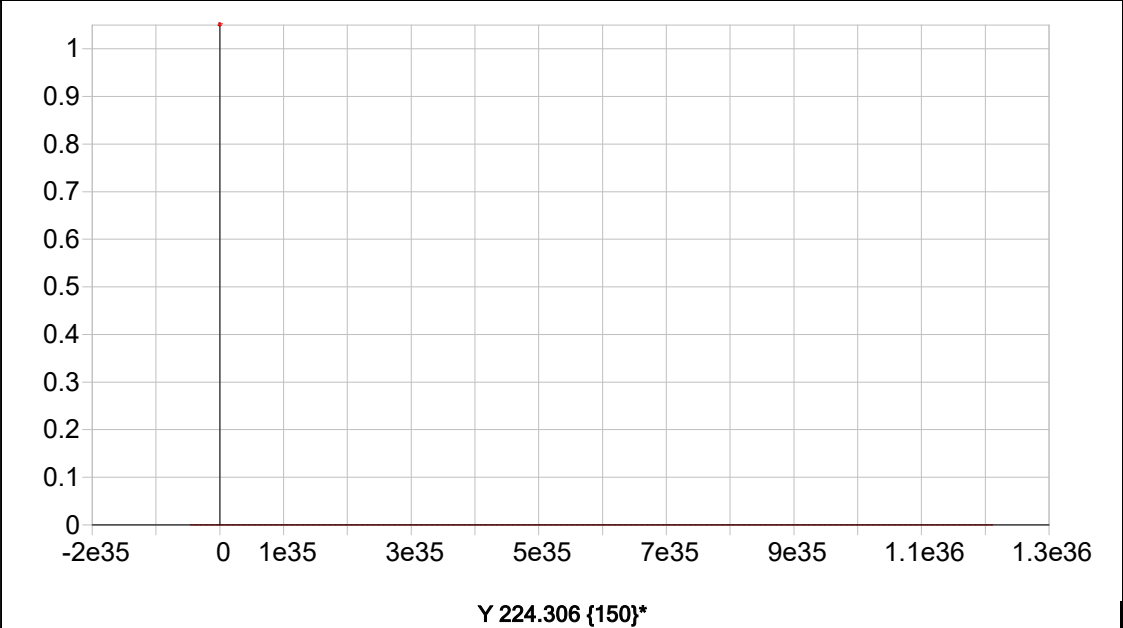
|                   |           |  |              |          |            |        |
|-------------------|-----------|--|--------------|----------|------------|--------|
| Date of Fit:      | <not fit> |  | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000  |  | Re-Slope: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

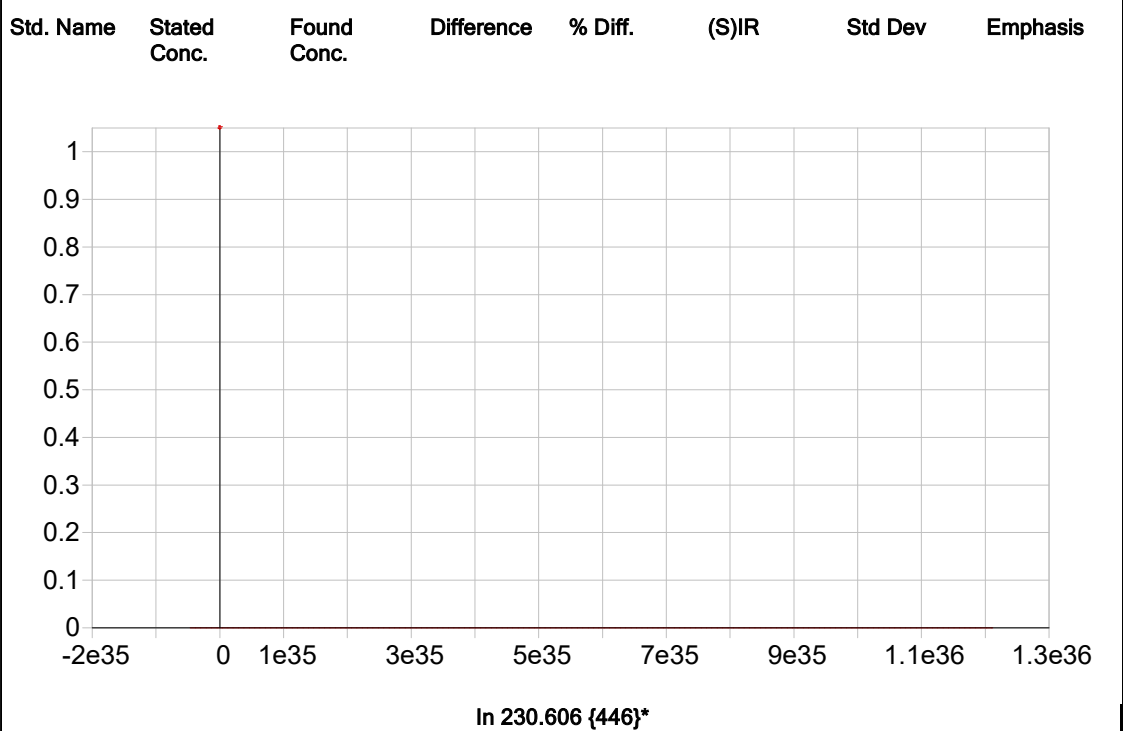


|              |           |  |              |          |            |        |
|--------------|-----------|--|--------------|----------|------------|--------|
| Date of Fit: | <not fit> |  | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset): | 0.000000  |  | Re-Slope:    | 1.000000 |   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

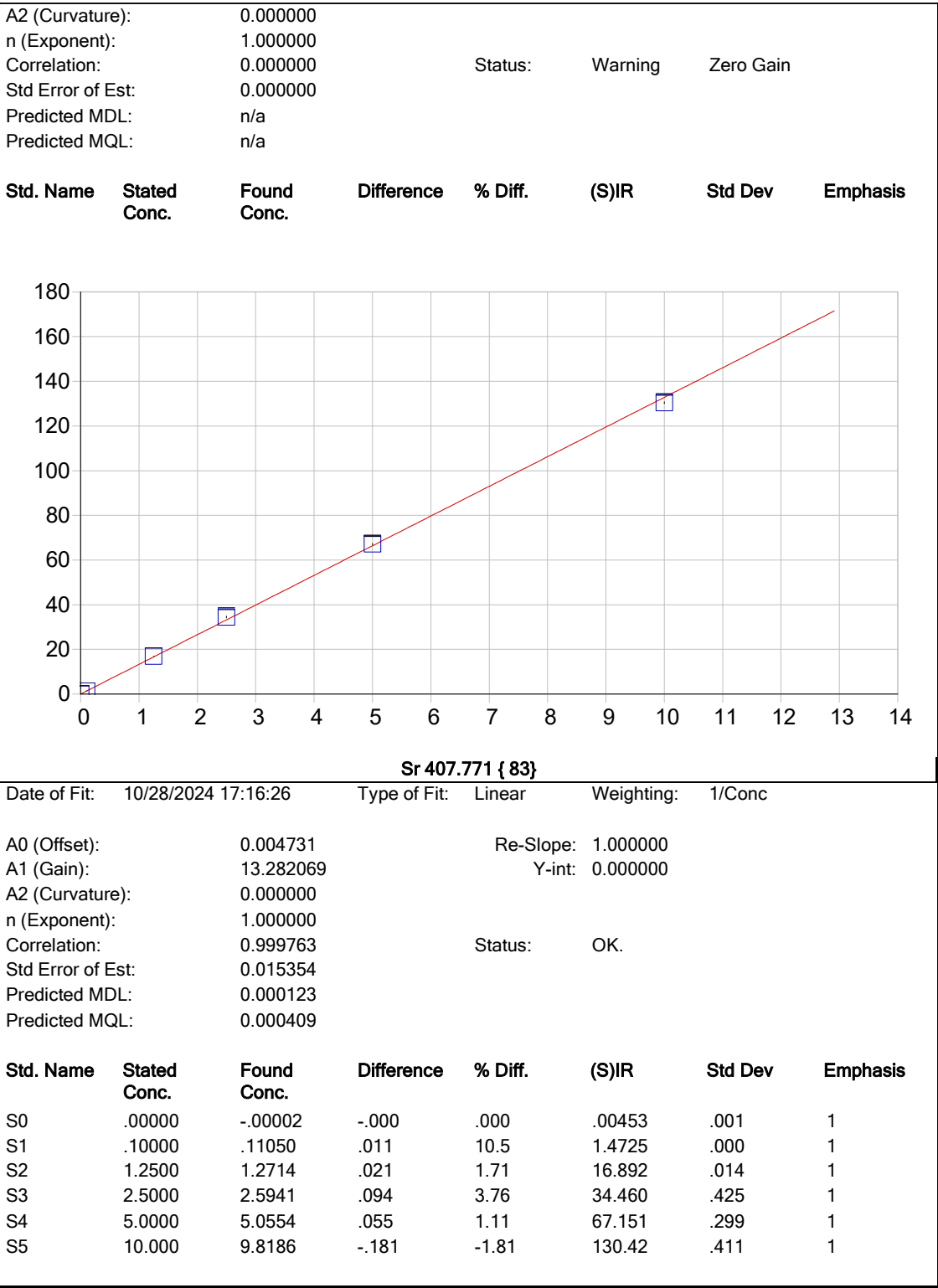




| Date of Fit:      | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc    |
|-------------------|-----------|--------------|-----------|------------|-----------|
| A0 (Offset):      | 0.000000  |              | Re-Slope: | 1.000000   |           |
| A1 (Gain):        | 0.000000  |         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



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



Sample Name: S0      Acquired: 10/28/2024 16:50:07      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      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 | -.00030 | -.00090 | .00068 | -.00014 | -.00331 | .00036 | -.00265 |
| Stddev | .00034 | .00012  | .00021  | .00031 | .00020  | .00152  | .00289 | .00068  |
| %RSD   | 305.67 | 39.184  | 23.716  | 45.460 | 145.39  | 45.871  | 796.21 | 25.691  |

|    |         |         |         |        |         |         |         |         |
|----|---------|---------|---------|--------|---------|---------|---------|---------|
| #1 | .00021  | -.00030 | -.00109 | .00065 | .00007  | -.00315 | -.00118 | -.00316 |
| #2 | .00039  | -.00041 | -.00067 | .00039 | -.00032 | -.00188 | .00369  | -.00291 |
| #3 | -.00027 | -.00018 | -.00094 | .00101 | -.00015 | -.00490 | -.00143 | -.00188 |

|        |        |        |         |         |        |        |         |         |
|--------|--------|--------|---------|---------|--------|--------|---------|---------|
| 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    | .00082 | .00564 | -.00026 | -.00031 | .00182 | .00041 | -.00017 | -.00040 |
| Stddev | .00013 | .00186 | .00003  | .00029  | .00067 | .00010 | .00043  | .00037  |
| %RSD   | 16.136 | 32.877 | 11.192  | 94.247  | 36.589 | 25.128 | 262.01  | 92.256  |

|    |        |        |         |         |        |        |         |         |
|----|--------|--------|---------|---------|--------|--------|---------|---------|
| #1 | .00087 | .00448 | -.00025 | -.00039 | .00142 | .00050 | -.00058 | -.00017 |
| #2 | .00067 | .00778 | -.00024 | .00002  | .00259 | .00041 | .00029  | -.00021 |
| #3 | .00092 | .00466 | -.00029 | -.00054 | .00145 | .00030 | -.00020 | -.00083 |

|        |         |        |         |         |        |        |         |        |
|--------|---------|--------|---------|---------|--------|--------|---------|--------|
| 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    | -.00073 | .02939 | -.01201 | -.00084 | .00224 | .07198 | -.00114 | .00986 |
| Stddev | .00015  | .00010 | .00650  | .00056  | .00096 | .00442 | .00018  | .00064 |
| %RSD   | 20.152  | .32457 | 54.098  | 65.980  | 42.679 | 6.1349 | 15.644  | 6.5092 |

|    |         |        |         |         |        |        |         |        |
|----|---------|--------|---------|---------|--------|--------|---------|--------|
| #1 | -.00087 | .02938 | -.01908 | -.00135 | .00242 | .07699 | -.00127 | .00963 |
| #2 | -.00076 | .02950 | -.01064 | -.00094 | .00121 | .07027 | -.00122 | .01058 |
| #3 | -.00058 | .02931 | -.00630 | -.00024 | .00310 | .06867 | -.00094 | .00936 |

|        |         |        |        |        |        |        |        |  |
|--------|---------|--------|--------|--------|--------|--------|--------|--|
| 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    | -.00001 | .00031 | .00980 | .00057 | .00042 | .01628 | .00453 |  |
| Stddev | .00007  | .00012 | .00008 | .00014 | .00095 | .00269 | .00101 |  |
| %RSD   | 1079.4  | 39.936 | .77902 | 24.471 | 223.04 | 16.520 | 22.306 |  |

|    |         |        |        |        |         |        |        |  |
|----|---------|--------|--------|--------|---------|--------|--------|--|
| #1 | .00000  | .00039 | .00985 | .00046 | .00146  | .01917 | .00511 |  |
| #2 | -.00008 | .00038 | .00971 | .00053 | -.00039 | .01385 | .00512 |  |
| #3 | .00006  | .00017 | .00983 | .00073 | .00020  | .01583 | .00336 |  |

Sample Name: S0      Acquired: 10/28/2024 16:50:07      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      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       | 894.90 | 21346. | 2440.4 | 788.31 | 1709.5 |
| Stddev    | 1.07   | 38.    | 10.0   | 1.58   | 1.6    |
| %RSD      | .11918 | .17712 | .40875 | .20001 | .09310 |
| #1        | 893.77 | 21313. | 2432.0 | 787.44 | 1707.8 |
| #2        | 895.02 | 21387. | 2437.8 | 790.13 | 1709.8 |
| #3        | 895.90 | 21339. | 2451.4 | 787.35 | 1711.0 |



Sample Name: S1      Acquired: 10/28/2024 16:54:42      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      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    | .00047 | .00168 | .00081 | .00358 | .01289 | .02331 | 1.3785  | .04376 |
| Stddev | .00019 | .00016 | .00024 | .00017 | .00085 | .00168 | .0064   | .00087 |
| %RSD   | 41.360 | 9.4237 | 29.486 | 4.7310 | 6.5805 | 7.2006 | .46426  | 1.9906 |
| #1     | .00049 | .00168 | .00098 | .00363 | .01386 | .02297 | 1.3733  | .04351 |
| #2     | .00026 | .00184 | .00090 | .00373 | .01248 | .02183 | 1.3856  | .04472 |
| #3     | .00065 | .00152 | .00054 | .00340 | .01232 | .02513 | 1.3766  | .04304 |
| 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    | .01376 | .47724 | .00216 | .03750 | .00682 | .00209 | .00581  | .03723 |
| Stddev | .00024 | .00036 | .00010 | .00037 | .00038 | .00035 | .00056  | .00045 |
| %RSD   | 1.7384 | .07579 | 4.6341 | .98002 | 5.5848 | 16.797 | 9.6583  | 1.2092 |
| #1     | .01355 | .47760 | .00222 | .03782 | .00667 | .00205 | .00516  | .03751 |
| #2     | .01371 | .47723 | .00223 | .03758 | .00725 | .00176 | .00619  | .03671 |
| #3     | .01402 | .47688 | .00205 | .03710 | .00653 | .00246 | .00607  | .03747 |
| 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    | .02962 | .03347 | .05576 | .00428 | .18522 | .27873 | -.00040 | .01033 |
| Stddev | .00061 | .00009 | .00308 | .00043 | .00150 | .00340 | .00020  | .00134 |
| %RSD   | 2.0695 | .25523 | 5.5327 | 9.9224 | .80757 | 1.2193 | 50.471  | 12.979 |
| #1     | .03027 | .03339 | .05484 | .00421 | .18364 | .27690 | -.00044 | .00893 |
| #2     | .02904 | .03346 | .05324 | .00474 | .18539 | .27664 | -.00018 | .01160 |
| #3     | .02956 | .03356 | .05920 | .00390 | .18662 | .28265 | -.00058 | .01046 |
| 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    | .00997 | .00332 | .41782 | .00109 | .06117 | .04759 | 1.4725  |        |
| Stddev | .00054 | .00021 | .00058 | .00011 | .00103 | .00317 | .0003   |        |
| %RSD   | 5.4153 | 6.1712 | .13862 | 10.078 | 1.6912 | 6.6511 | .01684  |        |
| #1     | .00949 | .00350 | .41716 | .00096 | .06237 | .05114 | 1.4726  |        |
| #2     | .00986 | .00310 | .41805 | .00116 | .06057 | .04658 | 1.4722  |        |
| #3     | .01055 | .00338 | .41825 | .00115 | .06059 | .04505 | 1.4726  |        |

Sample Name: S1      Acquired: 10/28/2024 16:54:42      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      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       | 897.19 | 21423. | 2461.9 | 791.00 | 1692.7 |
| Stddev    | 2.10   | 15.    | 8.6    | .60    | 1.2    |
| %RSD      | .23437 | .07224 | .34810 | .07591 | .07156 |
| #1        | 898.84 | 21414. | 2470.7 | 791.68 | 1692.7 |
| #2        | 897.89 | 21441. | 2461.6 | 790.54 | 1693.9 |
| #3        | 894.82 | 21415. | 2453.5 | 790.79 | 1691.4 |

Sample Name: S2      Acquired: 10/28/2024 16:59:14      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      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    | .04054 | .10079 | 1.0476 | .10127 | .26045 | 4.7856 | 15.788 | 1.0621 |
| Stddev | .00044 | .00012 | .0037  | .00029 | .00080 | .0032  | .054   | .0047  |
| %RSD   | 1.0773 | .11927 | .35378 | .29092 | .30839 | .06757 | .34044 | .44074 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04031 | .10078 | 1.0518 | .10099 | .26071 | 4.7820 | 15.746 | 1.0577 |
| #2 | .04104 | .10091 | 1.0463 | .10158 | .25955 | 4.7867 | 15.848 | 1.0617 |
| #3 | .04026 | .10067 | 1.0447 | .10123 | .26110 | 4.7882 | 15.769 | 1.0670 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.4868 | 5.2921 | .85530 | .45210 | .76487 | .61974 | 1.3169 | .40098 |
| Stddev | .0018  | .0223  | .00090 | .00037 | .00161 | .00273 | .0040  | .00155 |
| %RSD   | .12105 | .42128 | .10561 | .08184 | .21070 | .44056 | .30299 | .38594 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.4889 | 5.2732 | .85469 | .45233 | .76670 | .61751 | 1.3128 | .39952 |
| #2 | 1.4856 | 5.3167 | .85486 | .45229 | .76366 | .62279 | 1.3208 | .40260 |
| #3 | 1.4859 | 5.2863 | .85633 | .45167 | .76426 | .61894 | 1.3171 | .40080 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .42836 | .14950 | .47761 | .05286 | 10.549 | 1.5117 | .06659 | 1.2827 |
| Stddev | .00120 | .00013 | .00525 | .00063 | .013   | .0060  | .00032 | .0047  |
| %RSD   | .28042 | .08579 | 1.0988 | 1.1957 | .12535 | .39409 | .48001 | .36399 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .42974 | .14949 | .47241 | .05326 | 10.534 | 1.5144 | .06678 | 1.2785 |
| #2 | .42782 | .14937 | .48291 | .05214 | 10.558 | 1.5048 | .06622 | 1.2820 |
| #3 | .42753 | .14963 | .47750 | .05320 | 10.554 | 1.5158 | .06678 | 1.2877 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 1.2184 | .03663 | 2.2012 | .14250 | .71085 | 2.5087 | 16.892 |  |
| Stddev | .0019  | .00019 | .0105  | .00050 | .00311 | .0126  | .014   |  |
| %RSD   | .15853 | .51363 | .47719 | .34775 | .43747 | .50334 | .08398 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.2161 | .03668 | 2.1891 | .14303 | .71138 | 2.4969 | 16.891 |  |
| #2 | 1.2196 | .03643 | 2.2071 | .14241 | .70751 | 2.5220 | 16.906 |  |
| #3 | 1.2193 | .03679 | 2.2075 | .14205 | .71366 | 2.5073 | 16.878 |  |

Sample Name: S2      Acquired: 10/28/2024 16:59:14      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      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       | 846.71 | 21067. | 2482.6 | 740.73 | 1539.7 |
| Stddev    | 1.21   | 50.    | 7.5    | .65    | 1.9    |
| %RSD      | .14281 | .23896 | .30027 | .08761 | .12300 |
| #1        | 847.39 | 21010. | 2491.2 | 740.33 | 1537.8 |
| #2        | 847.43 | 21104. | 2478.1 | 740.38 | 1541.6 |
| #3        | 845.32 | 21089. | 2478.5 | 741.48 | 1539.8 |

Sample Name: S3      Acquired: 10/28/2024 17:03:32      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      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    | .08284 | .20074 | 2.1060 | .20370 | .53415 | 9.9202 | 32.604 | 2.1778 |
| Stddev | .00012 | .00126 | .0060  | .00133 | .00237 | .1365  | .465   | .0118  |
| %RSD   | .14199 | .62915 | .28578 | .65135 | .44458 | 1.3759 | 1.4253 | .53943 |
| #1     | .08272 | .20219 | 2.1098 | .20498 | .53680 | 10.075 | 33.131 | 2.1909 |
| #2     | .08286 | .19990 | 2.1091 | .20381 | .53344 | 9.8168 | 32.251 | 2.1741 |
| #3     | .08295 | .20013 | 2.0991 | .20233 | .53221 | 9.8688 | 32.432 | 2.1683 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.9842 | 10.879 | 1.6999 | .91345 | 1.5566 | 1.2623 | 2.6883 | .83510 |
| Stddev | .0090  | .154   | .0031  | .00279 | .0205  | .0185  | .0344  | .01090 |
| %RSD   | .30081 | 1.4178 | .18377 | .30489 | 1.3203 | 1.4669 | 1.2800 | 1.3049 |
| #1     | 2.9916 | 11.054 | 1.6963 | .91556 | 1.5803 | 1.2833 | 2.7276 | .84715 |
| #2     | 2.9868 | 10.765 | 1.7016 | .91449 | 1.5433 | 1.2483 | 2.6636 | .82593 |
| #3     | 2.9742 | 10.817 | 1.7018 | .91029 | 1.5463 | 1.2554 | 2.6738 | .83223 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .86161 | .27362 | 1.0060 | .10925 | 21.695 | 3.0792 | .13889 | 2.6515 |
| Stddev | .00257 | .00037 | .0113  | .00099 | .074   | .0418  | .00113 | .0193  |
| %RSD   | .29834 | .13383 | 1.1182 | .90364 | .34063 | 1.3574 | .81557 | .72705 |
| #1     | .86349 | .27385 | 1.0184 | .11028 | 21.751 | 3.1272 | .14019 | 2.6737 |
| #2     | .86265 | .27382 | .99637 | .10915 | 21.724 | 3.0515 | .13829 | 2.6417 |
| #3     | .85868 | .27320 | 1.0033 | .10831 | 21.611 | 3.0587 | .13817 | 2.6390 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 2.4938 | .07554 | 4.5105 | .28866 | 1.4582 | 5.2473 | 34.460 |  |
| Stddev | .0067  | .00048 | .0360  | .00107 | .0194  | .0812  | .425   |  |
| %RSD   | .26791 | .63838 | .79815 | .37165 | 1.3300 | 1.5465 | 1.2348 |  |
| #1     | 2.5011 | .07566 | 4.5516 | .28987 | 1.4804 | 5.3407 | 34.948 |  |
| #2     | 2.4923 | .07594 | 4.4846 | .28824 | 1.4445 | 5.1941 | 34.168 |  |
| #3     | 2.4880 | .07500 | 4.4952 | .28786 | 1.4498 | 5.2071 | 34.263 |  |

Sample Name: S3      Acquired: 10/28/2024 17:03:32      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      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       | 806.23 | 20497. | 2367.2 | 691.41 | 1463.9 |
| Stddev    | 3.13   | 31.    | 19.2   | 4.19   | 5.1    |
| %RSD      | .38874 | .15223 | .81238 | .60648 | .34622 |
| #1        | 803.65 | 20496. | 2345.1 | 687.45 | 1461.4 |
| #2        | 805.32 | 20466. | 2376.2 | 690.97 | 1460.5 |
| #3        | 809.72 | 20528. | 2380.2 | 695.80 | 1469.7 |

Sample Name: S4      Acquired: 10/28/2024 17:07:48      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      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    | .17051 | .38930 | 4.1787 | .42240 | 1.1206 | 19.524 | 63.021 | 4.1720 |
| Stddev | .00008 | .00005 | .0051  | .00146 | .0008  | .093   | .418   | .0119  |
| %RSD   | .04860 | .01163 | .12144 | .34658 | .06682 | .47501 | .66369 | .28471 |
| #1     | .17059 | .38927 | 4.1792 | .42364 | 1.1214 | 19.438 | 62.664 | 4.1585 |
| #2     | .17043 | .38935 | 4.1733 | .42079 | 1.1204 | 19.623 | 63.481 | 4.1763 |
| #3     | .17050 | .38928 | 4.1834 | .42277 | 1.1199 | 19.511 | 62.917 | 4.1810 |
| 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    | 5.8712 | 20.956 | 3.2973 | 1.8170 | 3.0383 | 2.4019 | 5.1006 | 1.6446 |
| Stddev | .0092  | .125   | .0052  | .0017  | .0164  | .0188  | .0294  | .0046  |
| %RSD   | .15723 | .59531 | .15761 | .09175 | .54047 | .78089 | .57615 | .28221 |
| #1     | 5.8813 | 20.857 | 3.3025 | 1.8171 | 3.0219 | 2.3915 | 5.0711 | 1.6405 |
| #2     | 5.8632 | 21.096 | 3.2974 | 1.8152 | 3.0548 | 2.4235 | 5.1298 | 1.6496 |
| #3     | 5.8691 | 20.916 | 3.2921 | 1.8186 | 3.0382 | 2.3905 | 5.1009 | 1.6435 |
| 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    | 1.7053 | .51229 | 1.9793 | .20907 | 45.324 | 6.0501 | .28583 | 5.0795 |
| Stddev | .0043  | .00118 | .0080  | .00142 | .201   | .0263  | .00148 | .0365  |
| %RSD   | .25473 | .22986 | .40280 | .67998 | .44298 | .43534 | .51939 | .71810 |
| #1     | 1.7094 | .51330 | 1.9753 | .20803 | 45.380 | 6.0202 | .28749 | 5.0377 |
| #2     | 1.7008 | .51100 | 1.9885 | .21069 | 45.491 | 6.0701 | .28463 | 5.0956 |
| #3     | 1.7058 | .51257 | 1.9741 | .20850 | 45.102 | 6.0599 | .28536 | 5.1050 |
| 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    | 5.1466 | .15590 | 8.6357 | .57777 | 2.8234 | 10.393 | 67.151 |        |
| Stddev | .0126  | .00080 | .0576  | .00104 | .0094  | .077   | .299   |        |
| %RSD   | .24540 | .51278 | .66661 | .18061 | .33221 | .74186 | .44470 |        |
| #1     | 5.1606 | .15670 | 8.5696 | .57884 | 2.8155 | 10.330 | 66.848 |        |
| #2     | 5.1431 | .15510 | 8.6632 | .57773 | 2.8338 | 10.479 | 67.445 |        |
| #3     | 5.1360 | .15592 | 8.6745 | .57675 | 2.8210 | 10.371 | 67.159 |        |

Sample Name: S4      Acquired: 10/28/2024 17:07:48      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      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       | 739.79 | 20064. | 2380.6 | 612.40 | 1374.2 |
| Stddev    | 2.21   | 92.    | 8.9    | 3.45   | 3.5    |
| %RSD      | .29940 | .46094 | .37555 | .56361 | .25126 |
| #1        | 737.43 | 19960. | 2390.6 | 609.72 | 1371.4 |
| #2        | 741.82 | 20137. | 2378.1 | 611.18 | 1378.1 |
| #3        | 740.13 | 20095. | 2373.2 | 616.29 | 1373.1 |



Sample Name: S5      Acquired: 10/28/2024 17:12:00      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      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    | .35379 | .75951 | 8.3522 | .93889 | 2.5374 | 39.484 | 123.86 | 8.2002 |
| Stddev | .00098 | .00044 | .0074  | .00399 | .0134  | .105   | 1.39   | .0352  |
| %RSD   | .27795 | .05775 | .08841 | .42504 | .52793 | .26471 | 1.1224 | .42952 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .35312 | .75911 | 8.3469 | .93556 | 2.5231 | 39.463 | 123.26 | 8.2156 |
| #2 | .35334 | .75944 | 8.3490 | .93780 | 2.5395 | 39.598 | 125.45 | 8.2251 |
| #3 | .35492 | .75998 | 8.3606 | .94331 | 2.5497 | 39.392 | 122.86 | 8.1599 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 11.541 | 41.404 | 6.3953 | 3.6110 | 6.0523 | 4.6603 | 9.9177 | 3.3030 |
| Stddev | .011   | .168   | .0034  | .0026  | .0131  | .0161  | .0464  | .0138  |
| %RSD   | .09733 | .40672 | .05361 | .07152 | .21702 | .34465 | .46747 | .41841 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.532 | 41.403 | 6.3961 | 3.6080 | 6.0516 | 4.6575 | 9.9064 | 3.3001 |
| #2 | 11.538 | 41.573 | 6.3983 | 3.6125 | 6.0658 | 4.6776 | 9.9687 | 3.3181 |
| #3 | 11.554 | 41.236 | 6.3916 | 3.6124 | 6.0396 | 4.6458 | 9.8781 | 3.2909 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.3688 | 1.0139 | 3.9805 | .41236 | 102.50 | 12.251 | .58746 | 9.8340 |
| Stddev | .0072  | .0009  | .0076  | .00054 | .94    | .046   | .00161 | .0616  |
| %RSD   | .21354 | .09032 | .19117 | .13123 | .91543 | .37201 | .27487 | .62656 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.3612 | 1.0134 | 3.9754 | .41261 | 101.94 | 12.236 | .58595 | 9.8438 |
| #2 | 3.3697 | 1.0149 | 3.9892 | .41272 | 101.98 | 12.302 | .58916 | 9.8900 |
| #3 | 3.3756 | 1.0133 | 3.9768 | .41173 | 103.59 | 12.214 | .58728 | 9.7680 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 11.247 | .32366 | 16.919 | 1.1471 | 5.5644 | 21.377 | 130.42 |  |
| Stddev | .038   | .00060 | .085   | .0017  | .0183  | .073   | .41    |  |
| %RSD   | .33690 | .18661 | .50282 | .14383 | .32918 | .34220 | .31485 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 11.208 | .32299 | 16.959 | 1.1452 | 5.5505 | 21.407 | 130.09 |  |
| #2 | 11.250 | .32379 | 16.977 | 1.1484 | 5.5851 | 21.431 | 130.88 |  |
| #3 | 11.283 | .32418 | 16.822 | 1.1476 | 5.5574 | 21.294 | 130.28 |  |

Sample Name: S5      Acquired: 10/28/2024 17:12:00      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      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       | 631.19 | 19415. | 2348.7 | 476.37 | 1271.8 |
| Stddev    | 2.42   | 34.    | 11.4   | 4.66   | 1.5    |
| %RSD      | .38333 | .17642 | .48329 | .97718 | .12054 |
| #1        | 633.96 | 19450. | 2345.4 | 480.17 | 1273.6 |
| #2        | 630.12 | 19381. | 2339.4 | 477.76 | 1270.8 |
| #3        | 629.49 | 19414. | 2361.4 | 471.18 | 1271.0 |

Sample Name: S6      Acquired: 10/28/2024 17:16:26      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      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    | 99.391 | 64.567 | 11.978 | 5.1732 | 10.646 |
| Stddev | 1.241  | .252   | .031   | .0159  | .043   |
| %RSD   | 1.2483 | .39103 | .26080 | .30835 | .39981 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 99.955 | 64.385 | 11.957 | 5.1635 | 10.608 |
| #2 | 97.968 | 64.460 | 11.962 | 5.1646 | 10.637 |
| #3 | 100.25 | 64.855 | 12.014 | 5.1916 | 10.692 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 2329.8 |
| Stddev    | 7.3    |
| %RSD      | .31176 |

|    |        |
|----|--------|
| #1 | 2324.2 |
| #2 | 2338.0 |
| #3 | 2327.2 |

Sample Name: ICV003      Acquired: 10/28/2024 19:08:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV003      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.078664 | 1.037446 | .9720514 | 1.081029 | 1.035867 | 2.342887 |
| Stddev | .011770  | .004737  | .0036240 | .012413  | .003482  | .015104  |
| %RSD   | 1.091154 | .4566217 | .3728189 | 1.148250 | .3361547 | .6446725 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.065420 | 1.035506 | .9696841 | 1.079689 | 1.035546 | 2.333595 |
| #2 | 1.087927 | 1.033985 | .9702468 | 1.094057 | 1.039498 | 2.334751 |
| #3 | 1.082645 | 1.042845 | .9762234 | 1.069340 | 1.032556 | 2.360314 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5010504 | .5233597 | .4942827 | 9.955398 | .5496429 | .4884985 |
| Stddev | .0015272 | .0016482 | .0006224 | .041153  | .0000826 | .0011275 |
| %RSD   | .3048001 | .3149262 | .1259294 | .4133705 | .0150237 | .2308034 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5006211 | .5223478 | .4935725 | 9.937399 | .5496073 | .4877158 |
| #2 | .5027463 | .5252616 | .4945421 | 10.00248 | .5497374 | .4897908 |
| #3 | .4997838 | .5224697 | .4947335 | 9.92631  | .5495842 | .4879889 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4810785 | 10.62924 | .5232464 | 5.567925 | .5002298 | .2371295 |
| Stddev | .0030982 | .02330   | .0031212 | .053667  | .0008384 | .0006863 |
| %RSD   | .6440070 | .2192127 | .5965060 | .9638673 | .1676004 | .2894296 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4777708 | 10.61685 | .5217899 | 5.629016 | .4994899 | .2366602 |
| #2 | .4815523 | 10.65612 | .5268296 | 5.528374 | .5011404 | .2379172 |
| #3 | .4839126 | 10.61477 | .5211197 | 5.546384 | .5000590 | .2368111 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.513826 | .5288124 | 1.005705 | 9.001118 | F .0040577 | F .0043204 |
| Stddev | .176364  | .0070920 | .003631  | .052636  | .0005397   | .0017096   |
| %RSD   | 1.853763 | 1.341110 | .3610237 | .5847770 | 13.30011   | 39.56952   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.420758 | .5362592 | 1.002908 | 8.997117 | .0043900 | .0061869 |
| #2 | 9.403491 | .5280396 | 1.004400 | 9.055641 | .0034350 | .0039439 |
| #3 | 9.717229 | .5221386 | 1.009808 | 8.950597 | .0043480 | .0028305 |

Sample Name: ICV003      Acquired: 10/28/2024 19:08:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV003      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Mo2020     | S_1820     | Si2516     | Sn1899     | Ti3361     | Li6707     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F -.000117 | F -.002917 | F .0022244 | F -.003544 | F -.000981 | F -.005330 |
| Stddev | .000650    | .004817    | .0007010   | .000968    | .000981    | .001833    |
| %RSD   | 556.9064   | 165.1094   | 31.51304   | 27.31765   | 99.99607   | 34.38548   |
| #1     | .000204    | -.008459   | .0023071   | -.002596   | -.002089   | -.006947   |
| #2     | .000310    | -.000556   | .0014857   | -.004531   | -.000226   | -.005704   |
| #3     | -.000864   | .000263    | .0028804   | -.003506   | -.000627   | -.003339   |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0011315 |
| Stddev | .0000890   |
| %RSD   | 7.867062   |
| #1     | .0011198   |
| #2     | .0010490   |
| #3     | .0012258   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 884.3386 | 21398.77 | 2438.517 | 786.1499 | 1659.502 |
| Stddev    | 2.0046   | 30.82    | 7.601    | 2.1476   | 1.025    |
| %RSD      | .2266798 | .1440461 | .3116943 | .2731847 | .0617441 |
| #1        | 884.6459 | 21426.95 | 2435.630 | 788.3443 | 1659.290 |
| #2        | 882.1981 | 21365.85 | 2432.783 | 786.0529 | 1658.600 |
| #3        | 886.1718 | 21403.52 | 2447.138 | 784.0523 | 1660.616 |

Sample Name: ICB003      Acquired: 10/28/2024 19:13:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB003      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001040 | -.001424 | -.002010 | -.001285 | .0015155 | .0098783 | -.000114 |
| Stddev | .003547  | .002972  | .003478  | .002614  | .0013398 | .0062509 | .000707  |
| %RSD   | 341.0673 | 208.7232 | 173.0612 | 203.4915 | 88.41181 | 63.27894 | 621.3058 |
| #1     | -.004547 | -.000834 | .001209  | -.002529 | .0028390 | .0031592 | .000651  |
| #2     | .002545  | .001209  | -.001540 | .001719  | .0015475 | .0109544 | -.000743 |
| #3     | -.001117 | -.004647 | -.005699 | -.003044 | .0001599 | .0155213 | -.000248 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000575 | .0000917 | .0086801 | -.000024 | -.000205 | -.002395 | -.000273 |
| Stddev | .0000316 | .0001253 | .0177688 | .000243  | .000292  | .001845  | .019078  |
| %RSD   | 54.87924 | 136.5718 | 204.7059 | 994.2427 | 142.5325 | 77.03291 | 6999.673 |
| #1     | .0000255 | .0000623 | -.004048 | .000240  | -.000451 | -.004221 | -.021526 |
| #2     | .0000584 | .0002291 | .028981  | -.000239 | -.000282 | -.000532 | .005335  |
| #3     | .0000887 | -.000016 | .001108  | -.000074 | .000118  | -.002431 | .015373  |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001418 | -.014514 | .0001511 | -.001029 | -.384958 | .0008381 | -.000502 |
| Stddev | .0010105 | .043638  | .0002473 | .000266  | .111532  | .0097614 | .000137  |
| %RSD   | 712.6596 | 300.6518 | 163.6375 | 25.84014 | 28.97259 | 1164.706 | 27.36296 |
| #1     | -.000766 | -.064765 | .0000235 | -.001201 | -.474531 | .0118646 | -.000552 |
| #2     | .001230  | .007383  | .0004362 | -.001162 | -.420309 | -.006699 | -.000608 |
| #3     | -.000039 | .013839  | -.000006 | -.000723 | -.260034 | -.002651 | -.000347 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.090009 | -.000436 | -.005405 | .0000869 | -.001293 | .0004008 | -.000945 |
| Stddev | .120703  | .001183  | .000328  | .0003230 | .002333  | .0004852 | .000687  |
| %RSD   | 134.1020 | 271.4998 | 6.076446 | 371.8334 | 180.4091 | 121.0652 | 72.70149 |
| #1     | -.210639 | .000626  | -.005477 | .0002860 | -.003972 | .0009586 | -.000715 |
| #2     | -.090155 | -.001711 | -.005693 | .0002604 | -.000205 | .0000772 | -.000402 |
| #3     | .030768  | -.000222 | -.005047 | -.000286 | .000297  | .0001664 | -.001717 |

Sample Name: ICB003      Acquired: 10/28/2024 19:13:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB003      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0004787 | -.006673 | -.000083 |
| Stddev | .0023828 | .000841  | .000187  |
| %RSD   | 497.7894 | 12.60799 | 224.4955 |
| #1     | -.001672 | -.007393 | .000048  |
| #2     | .000068  | -.006879 | -.000298 |
| #3     | .003040  | -.005748 | -.000001 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 889.8567 | 21419.27 | 2447.550 | 792.1008 | 1697.821 |
| Stddev    | 2.9180   | 52.42    | 7.957    | 2.6861   | 1.771    |
| %RSD      | .3279195 | .2447098 | .3250889 | .3391145 | .1043254 |
| #1        | 887.1446 | 21464.01 | 2440.979 | 794.2672 | 1696.461 |
| #2        | 892.9443 | 21432.19 | 2456.396 | 789.0953 | 1699.824 |
| #3        | 889.4814 | 21361.60 | 2445.275 | 792.9399 | 1697.177 |

Sample Name: ICSA003      Acquired: 10/28/2024 19:17:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA003      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.007846 | -.015988 | -.002151 | .0000019 | -.000077 | 251.3202 |
| Stddev | .006053  | .004647  | .004718  | .0052222 | .003960  | .3831    |
| %RSD   | 77.15349 | 29.06759 | 219.3920 | 275274.5 | 5175.119 | .1524223 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.008327 | -.010752 | .003277  | .0059980 | -.001315 | 251.1984 |
| #2 | -.013644 | -.017588 | -.004452 | -.002443 | -.003269 | 251.0128 |
| #3 | -.001566 | -.019623 | -.005276 | -.003550 | .004355  | 251.7493 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0064597 | .0008621 | -.000232 | 259.4607 | .0523903 | .0004650 |
| Stddev | .0002546 | .0001734 | .000103  | .7244    | .0006775 | .0003441 |
| %RSD   | 3.941681 | 20.10843 | 44.52257 | .2791761 | 1.293078 | 73.99192 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0066360 | .0007514 | -.000327 | 258.7267 | .0526370 | .0002380 |
| #2 | .0065752 | .0010619 | -.000246 | 259.4805 | .0516241 | .0002962 |
| #3 | .0061678 | .0007730 | -.000122 | 260.1750 | .0529098 | .0008609 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005828 | 108.7115 | .0133048 | 266.7336 | .0053297 | .0021678 |
| Stddev | .004455  | .1873    | .0008298 | 1.2726   | .0006050 | .0006230 |
| %RSD   | 76.45038 | .1722688 | 6.236799 | .4771053 | 11.35076 | 28.73916 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.008528 | 108.6766 | .0142614 | 265.4308 | .0046530 | .0026376 |
| #2 | -.000685 | 108.5441 | .0128730 | 266.7962 | .0055177 | .0014611 |
| #3 | -.008270 | 108.9138 | .0127799 | 267.9737 | .0058183 | .0024048 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .1663788 | .0034444 | .0119702 | -.277285 | .0013684 | F .0934425 |
| Stddev | .0998646 | .0098583 | .0009091 | .091952  | .0046864 | .0010767   |
| %RSD   | 60.02245 | 286.2128 | 7.594772 | 33.16168 | 342.4866 | 1.152274   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2786765 | .0128094 | .0114561 | -.265295 | -.000907 | .0937015 |
| #2 | .0875393 | -.006842 | .0130199 | -.374644 | -.001746 | .0943660 |
| #3 | .1329206 | .004366  | .0114346 | -.191916 | .006758  | .0922598 |



Sample Name: ICSA003      Acquired: 10/28/2024 19:17:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA003      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001075 | .0008877 | -.000178 | -.006282 | -.002913 | -.002834 |
| Stddev | .000127  | .0044225 | .000122  | .001094  | .001213  | .000803  |
| %RSD   | 11.81771 | 498.1654 | 68.27889 | 17.41216 | 41.65848 | 28.31788 |
| #1     | -.000972 | .0056104 | -.000315 | -.007540 | -.001960 | -.003613 |
| #2     | -.001037 | -.003156 | -.000139 | -.005752 | -.004279 | -.002881 |
| #3     | -.001217 | .000209  | -.000081 | -.005554 | -.002500 | -.002009 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .1061372 |
| Stddev | .0002736   |
| %RSD   | .2577451   |
| #1     | .1063327   |
| #2     | .1058246   |
| #3     | .1062544   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 828.5441 | 20302.21 | 2428.485 | 746.7120 | 1414.605 |
| Stddev    | .4707    | 11.14    | 5.268    | 3.7340   | 1.651    |
| %RSD      | .0568113 | .0548747 | .2169103 | .5000650 | .1167121 |
| #1        | 828.7971 | 20290.65 | 2430.503 | 742.5824 | 1415.886 |
| #2        | 828.8343 | 20303.08 | 2432.446 | 749.8505 | 1415.187 |
| #3        | 828.0010 | 20312.88 | 2422.507 | 747.7032 | 1412.742 |

Sample Name: ICSAB003      Acquired: 10/28/2024 19:22:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB003      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0969261 | .0948334 | .0502517 | .0416081 | .5462845 | 249.5636 |
| Stddev | .0071761 | .0080311 | .0010099 | .0048997 | .0065579 | .8182    |
| %RSD   | 7.403648 | 8.468686 | 2.009653 | 11.77593 | 1.200451 | .3278544 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1028121 | .1017717 | .0492458 | .0398476 | .5534621 | 248.6213 |
| #2 | .0889321 | .0860356 | .0502438 | .0471449 | .5406058 | 249.9753 |
| #3 | .0990340 | .0966927 | .0512655 | .0378319 | .5447858 | 250.0942 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5350161 | .5527466 | 1.048570 | 258.5707 | .6062788 | .5229227 |
| Stddev | .0029268 | .0035255 | .002532  | 1.3317   | .0004927 | .0008015 |
| %RSD   | .5470591 | .6378101 | .2414620 | .5150310 | .0812689 | .1532669 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5317407 | .5489429 | 1.051336 | 257.1215 | .6065506 | .5233595 |
| #2 | .5359324 | .5559047 | 1.048011 | 258.8500 | .6065758 | .5234109 |
| #3 | .5373751 | .5533921 | 1.046365 | 259.7406 | .6057101 | .5219977 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4871421 | 108.4525 | .5450590 | 266.5091 | 1.046342 | .1946679 |
| Stddev | .0035678 | .7329    | .0040449 | 1.7376   | .003851  | .0009885 |
| %RSD   | .7323981 | .6757533 | .7420954 | .6519919 | .3680380 | .5077773 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4834763 | 107.6915 | .5425961 | 264.7061 | 1.050632 | .1956715 |
| #2 | .4873468 | 108.5126 | .5428536 | 266.6483 | 1.045212 | .1936953 |
| #3 | .4906031 | 109.1535 | .5497272 | 268.1730 | 1.043183 | .1946369 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .2173245 | .5371490 | .8919006 | -.207540 | .0073633 | F .0944911 |
| Stddev | .4240496 | .0126382 | .0050300 | .114396  | .0009737 | .0026937   |
| %RSD   | 195.1228 | 2.352828 | .5639581 | 55.12004 | 13.22322 | 2.850719   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1652306 | .5263941 | .8930022 | -.110189 | .0084303 | .0914144 |
| #2 | .6650143 | .5339841 | .8864111 | -.333537 | .0071366 | .0956344 |
| #3 | -.178271 | .5510689 | .8962884 | -.178894 | .0065229 | .0964246 |

Sample Name: ICSAB003      Acquired: 10/28/2024 19:22:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB003      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000893 | -.004659 | .0003407 | -.006749 | -.001405 | -.006569 |
| Stddev | .000396  | .007401  | .0006475 | .001798  | .001845  | .001810  |
| %RSD   | 44.36588 | 158.8625 | 190.0611 | 26.64589 | 131.3269 | 27.55791 |
| #1     | -.001346 | -.008556 | .0003323 | -.005637 | -.001076 | -.008631 |
| #2     | -.000610 | -.009297 | .0009923 | -.008824 | -.003392 | -.005831 |
| #3     | -.000723 | .003876  | -.000303 | -.005786 | .000253  | -.005244 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .1047886 |
| Stddev | .0002211   |
| %RSD   | .2109987   |
| #1     | .1047140   |
| #2     | .1046145   |
| #3     | .1050374   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 825.1297 | 20285.26 | 2401.580 | 738.1757 | 1421.127 |
| Stddev    | 1.5856   | 62.59    | 13.392   | .8239    | 3.528    |
| %RSD      | .1921674 | .3085722 | .5576271 | .1116191 | .2482532 |
| #1        | 823.3364 | 20213.45 | 2417.043 | 737.2607 | 1417.237 |
| #2        | 826.3459 | 20313.99 | 2393.915 | 738.8589 | 1422.025 |
| #3        | 825.7070 | 20328.33 | 2393.782 | 738.4075 | 1424.119 |

Sample Name: CCV010      Acquired: 10/28/2024 19:26:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV010      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.941507 | 4.699998 | 24.21311 | 4.601187 | 4.660863 | 400.6474 | 9.879030 |
| Stddev | .024708  | .009939  | .04382   | .020521  | .009593  | 11.1051  | .257614  |
| %RSD   | .5000189 | .2114761 | .1809754 | .4460025 | .2058279 | 2.771785 | 2.607689 |
| #1     | 4.961624 | 4.706277 | 24.20449 | 4.600277 | 4.650003 | 388.0423 | 9.585855 |
| #2     | 4.913927 | 4.688538 | 24.17425 | 4.581136 | 4.668184 | 408.9885 | 10.06922 |
| #3     | 4.948970 | 4.705178 | 24.26060 | 4.622148 | 4.664402 | 404.9115 | 9.98201  |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5069454 | 2.449892 | 398.6945 | 15.00056 | 2.455330 | 14.58067 | 402.9704 |
| Stddev | .0143017 | .004988  | 10.6781  | .01685   | .006052  | .37793   | 10.4536  |
| %RSD   | 2.821160 | .2035881 | 2.678256 | .1123309 | .2464667 | 2.591994 | 2.594147 |
| #1     | .4908825 | 2.450592 | 386.5841 | 15.02001 | 2.454494 | 14.15342 | 391.0938 |
| #2     | .5182976 | 2.444592 | 406.7559 | 14.99126 | 2.449740 | 14.87127 | 410.7764 |
| #3     | .5116562 | 2.454493 | 402.7434 | 14.99040 | 2.461756 | 14.71732 | 407.0411 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.54535 | 406.1419 | 2.442156 | 1.245060 | 394.6330 | 2.429961 | 13.82457 |
| Stddev | .40401   | 11.3610  | .005478  | .004562  | 10.6553  | .060566  | .11279   |
| %RSD   | 2.777561 | 2.797309 | .2243061 | .3664103 | 2.700057 | 2.492464 | .8158481 |
| #1     | 14.08815 | 393.2552 | 2.441911 | 1.247211 | 382.4400 | 2.360026 | 13.79808 |
| #2     | 14.85425 | 414.7121 | 2.436805 | 1.239820 | 402.1559 | 2.464751 | 13.94825 |
| #3     | 14.69364 | 410.4583 | 2.447753 | 1.248149 | 399.3031 | 2.465106 | 13.72739 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 150.0326 | 4.861596 | 5.007468 | 4.629596 | 4.929202 | 4.886833 | 4.898249 |
| Stddev | 3.9544   | .013600  | .115198  | .005842  | .015835  | .120164  | .016394  |
| %RSD   | 2.635702 | .2797515 | 2.300514 | .1261793 | .3212488 | 2.458938 | .3346885 |
| #1     | 145.5267 | 4.846512 | 4.879715 | 4.634164 | 4.912445 | 4.753330 | 4.891114 |
| #2     | 152.9258 | 4.865353 | 5.103436 | 4.623014 | 4.931243 | 4.986328 | 4.886632 |
| #3     | 151.6453 | 4.872922 | 5.039254 | 4.631609 | 4.943917 | 4.920843 | 4.917002 |

Sample Name: CCV010      Acquired: 10/28/2024 19:26:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV010      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.856820 | 4.942454 | 4.933512 |
| Stddev | .133413  | .129966  | .137257  |
| %RSD   | 2.746918 | 2.629585 | 2.782139 |
| #1     | 4.706009 | 4.793714 | 4.778276 |
| #2     | 4.959446 | 5.034101 | 5.038804 |
| #3     | 4.905005 | 4.999547 | 4.983456 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 713.8864 | 19550.27 | 2349.119 | 599.1166 | 1294.574 |
| Stddev    | .2388    | 72.88    | 56.900   | 3.5946   | 2.186    |
| %RSD      | .0334503 | .3728014 | 2.422206 | .5999857 | .1688630 |
| #1        | 713.6138 | 19519.97 | 2414.196 | 599.7757 | 1294.103 |
| #2        | 714.0587 | 19633.42 | 2308.743 | 595.2381 | 1296.957 |
| #3        | 713.9868 | 19497.42 | 2324.418 | 602.3361 | 1292.662 |

Sample Name: CCB010      Acquired: 10/28/2024 19:30:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB010      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026222 | -.001582 | .0006889 | .0030083 | .0009942 | .0274027 | .0005320 |
| Stddev | .0020682 | .002123  | .0013054 | .0063015 | .0006411 | .0169054 | .0002711 |
| %RSD   | 78.87450 | 134.1927 | 189.4918 | 209.4673 | 64.48432 | 61.69233 | 50.94458 |
| #1     | .0020759 | -.001120 | .0021833 | .0047827 | .0014722 | .0090186 | .0003364 |
| #2     | .0049087 | .000272  | -.000229 | -.003990 | .0002657 | .0309107 | .0004183 |
| #3     | .0008820 | -.003899 | .000113  | .008232  | .0012446 | .0422789 | .0008414 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001041 | .0001656 | .0311601 | .0014152 | -.000004 | -.001634 | -.000563 |
| Stddev | .0000852 | .0000437 | .0261247 | .0005959 | .000100  | .003026  | .039124  |
| %RSD   | 81.87680 | 26.36955 | 83.84016 | 42.10776 | 2552.920 | 185.2431 | 6947.329 |
| #1     | .0000155 | .0001195 | .0039462 | .0019360 | -.000120 | -.005087 | -.043771 |
| #2     | .0001855 | .0001711 | .0334955 | .0015443 | .000049  | -.000368 | .032466  |
| #3     | .0001112 | .0002064 | .0560388 | .0007654 | .000059  | .000554  | .009615  |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002256 | -.016944 | .0008738 | -.001537 | -.204550 | .0066502 | .0008807 |
| Stddev | .0007813 | .030146  | .0005646 | .000320  | .015686  | .0026479 | .0001200 |
| %RSD   | 346.2639 | 177.9100 | 64.61771 | 20.84346 | 7.668740 | 39.81724 | 13.62638 |
| #1     | -.000154 | -.030366 | .0002719 | -.001352 | -.216074 | .0061707 | .0009386 |
| #2     | -.000293 | -.038049 | .0009577 | -.001352 | -.210889 | .0042748 | .0009608 |
| #3     | .001124  | .017581  | .0013918 | -.001907 | -.186686 | .0095051 | .0007427 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0159429 | .0003882 | .0013004 | .0004358 | .0005818 | .0003588 | -.000562 |
| Stddev | .0276948 | .0021255 | .0005561 | .0001079 | .0050871 | .0009194 | .001292  |
| %RSD   | 173.7121 | 547.5092 | 42.76785 | 24.75580 | 874.3535 | 256.2500 | 229.9720 |
| #1     | .0395321 | -.002026 | .0012186 | .0004561 | .0018555 | .0011383 | .000615  |
| #2     | -.014551 | .001978  | .0018928 | .0003192 | .0049110 | -.000655 | -.001945 |
| #3     | .022848  | .001212  | .0007896 | .0005321 | -.005021 | .000593  | -.000356 |

Sample Name: CCB010      Acquired: 10/28/2024 19:30:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB010      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0002089 | .0002656 | .0001938 |
| Stddev | .0021764 | .0022484 | .0000859 |
| %RSD   | 1041.695 | 846.6850 | 44.31430 |
| #1     | .0021737 | -.002323 | .0002236 |
| #2     | .0005836 | .001733  | .0000970 |
| #3     | -.002131 | .001386  | .0002609 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 893.4099 | 21432.94 | 2430.227 | 792.3353 | 1700.180 |
| Stddev    | .7819    | 6.16     | 10.708   | 4.3826   | 1.324    |
| %RSD      | .0875131 | .0287263 | .4406180 | .5531188 | .0778914 |
| #1        | 892.6519 | 21426.11 | 2421.671 | 788.7862 | 1701.171 |
| #2        | 893.3642 | 21434.64 | 2426.775 | 797.2339 | 1698.676 |
| #3        | 894.2136 | 21438.07 | 2442.236 | 790.9856 | 1700.693 |

Sample Name: P4331-04DLX5      Acquired: 10/28/2024 19:35:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYDBB7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1254107 | -.008545 | .3799615 | -.011442 | .0035574 | 65.08144 | 2.240925 |
| Stddev | .0060888 | .003106  | .0032578 | .001043  | .0045307 | .15704   | .004338  |
| %RSD   | 4.855061 | 36.34161 | .8574109 | 9.116426 | 127.3603 | .2412960 | .1935808 |
| #1     | .1200462 | -.012110 | .3798454 | -.012646 | .0007578 | 64.97427 | 2.239465 |
| #2     | .1320287 | -.006425 | .3767634 | -.010862 | .0087846 | 65.26170 | 2.245804 |
| #3     | .1241573 | -.007101 | .3832759 | -.010818 | .0011297 | 65.00834 | 2.237505 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0033856 | .0133477 | 27.67078 | .1592165 | .0792091 | 1.747956 | 102.2759 |
| Stddev | .0002122 | .0000363 | .12119   | .0006946 | .0003167 | .005559  | .2911    |
| %RSD   | 6.266875 | .2718685 | .4379591 | .4362355 | .3998092 | .3180184 | .2845806 |
| #1     | .0032222 | .0133896 | 27.53791 | .1599018 | .0788437 | 1.748285 | 101.9974 |
| #2     | .0033091 | .0133274 | 27.69922 | .1585130 | .0793791 | 1.742240 | 102.5780 |
| #3     | .0036254 | .0133262 | 27.77522 | .1592349 | .0794045 | 1.753343 | 102.2521 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.36357 | 22.24819 | .2362882 | -.007417 | .4400725 | .1786932 | .9429995 |
| Stddev | .01663   | .15457   | .0014891 | .000258  | .2034620 | .0036327 | .0052095 |
| %RSD   | .0905624 | .6947733 | .6301824 | 3.473612 | 46.23374 | 2.032951 | .5524428 |
| #1     | 18.36319 | 22.18215 | .2352572 | -.007585 | .5514657 | .1791783 | .9458338 |
| #2     | 18.38039 | 22.13761 | .2356120 | -.007120 | .2052379 | .1820589 | .9461775 |
| #3     | 18.34714 | 22.42482 | .2379953 | -.007545 | .5635140 | .1748422 | .9369874 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.79654 | 5.420046 | .1132857 | -.000954 | 1.411776 | 2.899337 | .0096320 |
| Stddev | .15944   | .010683  | .0009518 | .000612  | .007465  | .010338  | .0005405 |
| %RSD   | 1.476749 | .1971100 | .8402212 | 64.15605 | .5287823 | .3565662 | 5.611408 |
| #1     | 10.62538 | 5.419399 | .1128790 | -.000276 | 1.417704 | 2.887672 | .0097973 |
| #2     | 10.94085 | 5.409700 | .1143733 | -.001119 | 1.414232 | 2.907364 | .0090282 |
| #3     | 10.82337 | 5.431038 | .1126047 | -.001467 | 1.403392 | 2.902975 | .0100705 |



Sample Name: P4331-04DLX5      Acquired: 10/28/2024 19:35:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYDBB7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.134490 | .0344914 | .3339215 |
| Stddev | .005694  | .0016633 | .0004141 |
| %RSD   | .2667807 | 4.822292 | .1240201 |
| #1     | 2.128947 | .0363624 | .3342161 |
| #2     | 2.140325 | .0331804 | .3341002 |
| #3     | 2.134197 | .0339314 | .3334480 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 932.5784 | 22530.37 | 2622.646 | 830.5711 | 1606.345 |
| Stddev    | 1.7715   | 41.86    | 8.446    | 4.8277   | .906     |
| %RSD      | .1899541 | .1857927 | .3220391 | .5812521 | .0563791 |
| #1        | 931.4920 | 22502.49 | 2629.873 | 826.6524 | 1605.324 |
| #2        | 934.6225 | 22510.12 | 2613.362 | 829.0969 | 1607.051 |
| #3        | 931.6205 | 22578.50 | 2624.704 | 835.9640 | 1606.662 |

Sample Name: P4331-05DLX5      Acquired: 10/28/2024 19:39:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYDBB7D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1251288 | -.017541 | .3877036 | -.003655 | .0063109 | 67.42986 | 1.194813 |
| Stddev | .0068347 | .004178  | .0018661 | .001108  | .0001494 | .08428   | .001273  |
| %RSD   | 5.462158 | 23.81833 | .4813090 | 30.32115 | 2.366508 | .1249903 | .1065223 |
| #1     | .1174928 | -.014613 | .3873575 | -.004214 | .0064516 | 67.33782 | 1.193351 |
| #2     | .1306737 | -.022325 | .3897185 | -.002379 | .0061542 | 67.44851 | 1.195674 |
| #3     | .1272200 | -.015683 | .3860348 | -.004373 | .0063270 | 67.50326 | 1.195415 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041506 | .0137480 | 28.53285 | .1598295 | .0713813 | 1.772181 | 107.2731 |
| Stddev | .0000670 | .0002826 | .09423   | .0005448 | .0005134 | .006625  | .1857    |
| %RSD   | 1.613297 | 2.055501 | .3302577 | .3408369 | .7192753 | .3738256 | .1730986 |
| #1     | .0042257 | .0138568 | 28.64111 | .1604577 | .0718327 | 1.768479 | 107.4588 |
| #2     | .0040972 | .0139601 | 28.48816 | .1595433 | .0714884 | 1.768235 | 107.2730 |
| #3     | .0041288 | .0134272 | 28.46927 | .1594875 | .0708227 | 1.779829 | 107.0874 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.930572 | 21.68828 | .2231802 | -.005972 | .3074624 | .1839350 | .9582523 |
| Stddev | .005913  | .01251   | .0013788 | .000211  | .1959028 | .0036507 | .0059368 |
| %RSD   | .1504468 | .0576962 | .6177990 | 3.540709 | 63.71601 | 1.984773 | .6195469 |
| #1     | 3.925156 | 21.67422 | .2226417 | -.005746 | .4424919 | .1798441 | .9517997 |
| #2     | 3.929679 | 21.69242 | .2247470 | -.006165 | .0827752 | .1868615 | .9634833 |
| #3     | 3.936881 | 21.69819 | .2221520 | -.006006 | .3971200 | .1850994 | .9594739 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.26312 | 5.485966 | .1178278 | -.000000 | 1.521465 | 2.942741 | .0092934 |
| Stddev | .07276   | .033123  | .0005449 | .000097  | .008693  | .009645  | .0005192 |
| %RSD   | .6460253 | .6037786 | .4624522 | 28432.02 | .5713647 | .3277713 | 5.586432 |
| #1     | 11.23396 | 5.520198 | .1179638 | .000110  | 1.520549 | 2.946896 | .0095930 |
| #2     | 11.20946 | 5.483624 | .1182919 | -.000043 | 1.530579 | 2.949613 | .0095933 |
| #3     | 11.34594 | 5.454076 | .1172278 | -.000068 | 1.513266 | 2.931715 | .0086939 |

Sample Name: P4331-05DLX5      Acquired: 10/28/2024 19:39:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYDBB7D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.299695 | .0342090 | .2673877 |
| Stddev | .005800  | .0013619 | .0003484 |
| %RSD   | .2522171 | 3.981251 | .1302904 |
| #1     | 2.298385 | .0326454 | .2672085 |
| #2     | 2.306038 | .0348444 | .2677893 |
| #3     | 2.294662 | .0351370 | .2671655 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 929.6522 | 22611.63 | 2638.072 | 833.5511 | 1604.325 |
| Stddev    | .6988    | 40.82    | 9.006    | 4.9284   | 2.054    |
| %RSD      | .0751638 | .1805229 | .3413995 | .5912527 | .1280473 |
| #1        | 930.2760 | 22649.04 | 2631.204 | 837.7840 | 1605.065 |
| #2        | 929.7836 | 22617.76 | 2634.744 | 828.1406 | 1602.004 |
| #3        | 928.8971 | 22568.09 | 2648.269 | 834.7289 | 1605.907 |

Sample Name: P4331-06DLX5      Acquired: 10/28/2024 19:44:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYDBB7S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1262540 | .0271130 | .3415683 | .0531063 | .0329228 | 53.33832 | 3.629950 |
| Stddev | .0037524 | .0054993 | .0031564 | .0007170 | .0012403 | .24413   | .016665  |
| %RSD   | 2.972084 | 20.28289 | .9240824 | 1.350183 | 3.767294 | .4576920 | .4590924 |
| #1     | .1289660 | .0216462 | .3387946 | .0538354 | .0342846 | 53.12951 | 3.616434 |
| #2     | .1278243 | .0326442 | .3409075 | .0524020 | .0318578 | 53.27873 | 3.624847 |
| #3     | .1219715 | .0270487 | .3450028 | .0530816 | .0326260 | 53.60673 | 3.648570 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0427457 | .0510751 | 24.33852 | .2911707 | .4537501 | 1.633446 | 89.16979 |
| Stddev | .0003491 | .0002052 | .11321   | .0007828 | .0011565 | .010299  | .54722   |
| %RSD   | .8166104 | .4016681 | .4651288 | .2688439 | .2548782 | .6304799 | .6136838 |
| #1     | .0424514 | .0511069 | 24.24790 | .2919327 | .4524322 | 1.622032 | 88.72307 |
| #2     | .0426544 | .0512626 | 24.30223 | .2903686 | .4542222 | 1.636265 | 89.00614 |
| #3     | .0431314 | .0508560 | 24.46542 | .2912110 | .4545958 | 1.642042 | 89.78017 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.85128 | 16.70230 | .5737623 | .0314193 | .1847504 | .5435663 | 1.110601 |
| Stddev | .06802   | .17794   | .0018442 | .0002695 | .2490547 | .0067910 | .005210  |
| %RSD   | .6268074 | 1.065344 | .3214259 | .8577292 | 134.8061 | 1.249345 | .4691527 |
| #1     | 10.79639 | 16.49829 | .5752586 | .0311648 | .0032008 | .5361003 | 1.110994 |
| #2     | 10.83009 | 16.82544 | .5743264 | .0317016 | .0823723 | .5452228 | 1.105206 |
| #3     | 10.92737 | 16.78317 | .5717019 | .0313914 | .4686780 | .5493758 | 1.115604 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.257223 | 4.658344 | .0956537 | -.001012 | 1.107781 | 2.673450 | .0071896 |
| Stddev | .084527  | .019827  | .0009345 | .000427  | .006250  | .013487  | .0006494 |
| %RSD   | 1.023675 | .4256247 | .9769382 | 42.17032 | .5641679 | .5044788 | 9.031941 |
| #1     | 8.244266 | 4.670788 | .0949915 | -.000715 | 1.113439 | 2.664763 | .0074895 |
| #2     | 8.179922 | 4.668764 | .0952470 | -.001502 | 1.101073 | 2.666600 | .0076347 |
| #3     | 8.347480 | 4.635479 | .0967226 | -.000820 | 1.108831 | 2.688987 | .0064444 |

Sample Name: P4331-06DLX5      Acquired: 10/28/2024 19:44:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYDBB7S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.833513 | .0242481 | .2290404 |
| Stddev | .011573  | .0012222 | .0010173 |
| %RSD   | .6311701 | 5.040182 | .4441577 |
| #1     | 1.820246 | .0254945 | .2283550 |
| #2     | 1.841531 | .0230518 | .2285569 |
| #3     | 1.838762 | .0241979 | .2302093 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 936.5137 | 22658.05 | 2602.798 | 830.9462 | 1627.524 |
| Stddev    | 1.0665   | 43.10    | 12.580   | 3.7161   | 2.114    |
| %RSD      | .1138785 | .1901994 | .4833148 | .4472079 | .1298933 |
| #1        | 937.7435 | 22673.91 | 2615.010 | 834.0973 | 1625.841 |
| #2        | 935.9538 | 22609.27 | 2603.506 | 831.8931 | 1626.835 |
| #3        | 935.8438 | 22690.96 | 2589.880 | 826.8483 | 1629.897 |

Sample Name: P4331-04LDLX25      Acquired: 10/28/2024 19:48:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYDBB7L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0303899 | -.002148 | .0784257 | .0017151 | .0026041 | 13.69453 | .4657802 |
| Stddev | .0010551 | .001064  | .0012113 | .0019133 | .0014164 | .04538   | .0005969 |
| %RSD   | 3.471836 | 49.55185 | 1.544468 | 111.5524 | 54.39183 | .3313423 | .1281466 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0295337 | -.002216 | .0790128 | .0032553 | .0019685 | 13.64940 | .4653231 |
| #2 | .0300673 | -.003177 | .0770327 | -.000427 | .0016168 | 13.69406 | .4664555 |
| #3 | .0315686 | -.001051 | .0792314 | .002317  | .0042269 | 13.74015 | .4655620 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007643 | .0025392 | 5.827135 | .0335129 | .0156038 | .3678964 | 21.76360 |
| Stddev | .0000760 | .0000762 | .017833  | .0007187 | .0002157 | .0039170 | .00843   |
| %RSD   | 9.944716 | 3.000276 | .3060277 | 2.144513 | 1.382229 | 1.064691 | .0387246 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008446 | .0024717 | 5.842269 | .0339872 | .0156522 | .3697337 | 21.77128 |
| #2 | .0006934 | .0026218 | 5.831660 | .0326860 | .0157911 | .3705571 | 21.76495 |
| #3 | .0007550 | .0025242 | 5.807476 | .0338656 | .0153680 | .3633986 | 21.75459 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.937671 | 4.647003 | .0474939 | -.002263 | -.037506 | .0422338 | .2025165 |
| Stddev | .008307  | .030829  | .0002503 | .000219  | .384637  | .0064882 | .0000348 |
| %RSD   | .2109664 | .6634263 | .5271114 | 9.686767 | 1025.530 | 15.36260 | .0171746 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.944024 | 4.634484 | .0475117 | -.002495 | -.225735 | .0464907 | .2025038 |
| #2 | 3.940719 | 4.682122 | .0472352 | -.002060 | .404995  | .0454444 | .2024899 |
| #3 | 3.928271 | 4.624402 | .0477349 | -.002233 | -.291777 | .0347662 | .2025559 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.244122 | 1.072509 | .0197466 | -.000551 | .2774473 | .6335001 | -.001132 |
| Stddev | .134401  | .002423  | .0009729 | .000090  | .0032010 | .0017773 | .001102  |
| %RSD   | 5.989007 | .2259401 | 4.927014 | 16.40650 | 1.153719 | .2805549 | 97.40887 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.392587 | 1.071629 | .0208632 | -.000469 | .2754538 | .6320109 | .000080  |
| #2 | 2.130748 | 1.070649 | .0190812 | -.000648 | .2757484 | .6330216 | -.002076 |
| #3 | 2.209030 | 1.075250 | .0192954 | -.000536 | .2811395 | .6354676 | -.001399 |

Sample Name: P4331-04LDLX25      Acquired: 10/28/2024 19:48:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYDBB7L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4516013 | .0034312 | .0703134 |
| Stddev | .0007207 | .0011248 | .0001959 |
| %RSD   | .1595898 | 32.78286 | .2785641 |
| #1     | .4515897 | .0042879 | .0705299 |
| #2     | .4523278 | .0038484 | .0701484 |
| #3     | .4508865 | .0021574 | .0702620 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 910.3551 | 21775.84 | 2484.144 | 805.2837 | 1681.378 |
| Stddev    | .6796    | 2.32     | 5.623    | 2.5712   | 2.369    |
| %RSD      | .0746564 | .0106389 | .2263494 | .3192960 | .1408712 |
| #1        | 910.9433 | 21778.06 | 2483.171 | 805.9657 | 1681.036 |
| #2        | 909.6111 | 21773.44 | 2490.189 | 802.4402 | 1683.899 |
| #3        | 910.5110 | 21776.01 | 2479.070 | 807.4452 | 1679.199 |

Sample Name: P4331-04ADLREX2      Acquired: 10/28/2024 19:53:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYDBB7A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2849880 | -.022691 | .8887508 | .1144735 | .1953505 | 144.4283 |
| Stddev | .0085085 | .002429  | .0005773 | .0052835 | .0026562 | .5378    |
| %RSD   | 2.985573 | 10.70356 | .0649568 | 4.615520 | 1.359731 | .3723645 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2940638 | -.021878 | .8893814 | .1121094 | .1983959 | 144.3102 |
| #2 | .2771916 | -.020772 | .8882482 | .1205264 | .1941435 | 145.0154 |
| #3 | .2837086 | -.025422 | .8886229 | .1107849 | .1935120 | 143.9594 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.944030 | .0073822 | .0327662 | 60.37106 | .3488211 | .1898290 |
| Stddev | .029250  | .0000867 | .0002052 | .32350   | .0011667 | .0005037 |
| %RSD   | .5916272 | 1.174947 | .6263036 | .5358452 | .3344776 | .2653634 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.947262 | .0073262 | .0327036 | 60.26337 | .3487541 | .1897990 |
| #2 | 4.971530 | .0074821 | .0325997 | 60.73467 | .3500199 | .1893409 |
| #3 | 4.913298 | .0073382 | .0329955 | 60.11515 | .3476893 | .1903471 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 3.832518 | 221.1044 | F 39.59190 | 48.99461 | .5578277 | -.014730 |
| Stddev | .014334  | .9363    | .21086     | .04686   | .0018832 | .000151  |
| %RSD   | .3740194 | .4234629 | .5325797   | .0956406 | .3375915 | 1.023960 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.816890 | 220.9286 | 39.57436 | 49.00282 | .5580939 | -.014606 |
| #2 | 3.845055 | 222.1162 | 39.81097 | 49.03683 | .5558256 | -.014898 |
| #3 | 3.835608 | 220.2685 | 39.39035 | 48.94419 | .5595636 | -.014687 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.391997 | .3977601 | 5.019716 | 24.38039 | F 12.86913 | .2446465 |
| Stddev | .266733  | .0122111 | .016835  | .06403   | .02482     | .0018322 |
| %RSD   | 19.16192 | 3.069967 | .3353681 | .2626379 | .1928788   | .7489176 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.436600 | .4110491 | 5.032072 | 24.40718 | 12.85120 | .2443589 |
| #2 | 1.633617 | .3951975 | 5.026534 | 24.42667 | 12.85873 | .2466056 |
| #3 | 1.105774 | .3870337 | 5.000542 | 24.30731 | 12.89746 | .2429752 |



Sample Name: P4331-04ADLREX2      Acquired: 10/28/2024 19:53:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYDBB7A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000715 | 3.403300 | 6.365746 | .0224587 | 4.699533 | .0810488 |
| Stddev | .000790  | .002203  | .030462  | .0025244 | .019267  | .0011250 |
| %RSD   | 110.4640 | .0647395 | .4785243 | 11.24015 | .4099675 | 1.388016 |
| #1     | .000044  | 3.405251 | 6.348363 | .0219431 | 4.704127 | .0808783 |
| #2     | -.000657 | 3.403738 | 6.400920 | .0202319 | 4.716087 | .0822493 |
| #3     | -.001532 | 3.400911 | 6.347956 | .0252011 | 4.678384 | .0800188 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .7370551 |
| Stddev | .0006081 |
| %RSD   | .0825026 |
| #1     | .7374336 |
| #2     | .7373781 |
| #3     | .7363537 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 978.7773 | 23915.89 | 2803.252 | 871.2782 | 1542.652 |
| Stddev    | 1.2535   | 62.88    | 16.413   | 3.8164   | 3.034    |
| %RSD      | .1280644 | .2629419 | .5854962 | .4380242 | .1966808 |
| #1        | 977.9287 | 23912.65 | 2810.599 | 869.3658 | 1540.334 |
| #2        | 980.2170 | 23854.69 | 2784.449 | 868.7961 | 1546.086 |
| #3        | 978.1863 | 23980.33 | 2814.707 | 875.6727 | 1541.536 |

Sample Name: P4332-13ADLREX2      Acquired: 10/28/2024 19:57:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYDBE6A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7448430 | -.025914 | 1.920093 | .1394164 | .2166195 | 174.2852 |
| Stddev | .0161302 | .009347  | .001847  | .0074705 | .0015572 | .7199    |
| %RSD   | 2.165591 | 36.06708 | .0962132 | 5.358374 | .7188666 | .4130866 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7443727 | -.016255 | 1.919456 | .1430051 | .2156272 | 173.8710 |
| #2 | .7289530 | -.026575 | 1.918648 | .1308288 | .2184143 | 173.8682 |
| #3 | .7612032 | -.034913 | 1.922174 | .1444153 | .2158171 | 175.1166 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.011498 | .0104553 | .0456015 | 49.38189 | 1.426332 | .1557529 |
| Stddev | .021372  | .0000694 | .0004159 | .31109   | .001880  | .0011231 |
| %RSD   | .7096737 | .6639377 | .9120316 | .6299767 | .1318058 | .7210483 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.996826 | .0105286 | .0455022 | 49.29001 | 1.424827 | .1562681 |
| #2 | 3.001649 | .0103906 | .0452443 | 49.12708 | 1.428440 | .1544647 |
| #3 | 3.036018 | .0104468 | .0460581 | 49.72857 | 1.425730 | .1565258 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.700557 | 187.5578 | 4.828051 | 47.68571 | .5746992 | .0041739 |
| Stddev | .040667  | .9983    | .023562  | .25687   | .0024384 | .0005159 |
| %RSD   | .5281085 | .5322854 | .4880291 | .5386807 | .4242968 | 12.36042 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.670481 | 187.5009 | 4.823278 | 47.52806 | .5754745 | .0046226 |
| #2 | 7.684363 | 186.5892 | 4.807240 | 47.54695 | .5719674 | .0042891 |
| #3 | 7.746826 | 188.5834 | 4.853634 | 47.98212 | .5766558 | .0036102 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.120767 | .3522801 | 3.998220 | 14.88627 | F 11.62127 | .2283919 |
| Stddev | .235179  | .0083016 | .010207  | .05340   | .02662     | .0008712 |
| %RSD   | 11.08931 | 2.356530 | .2552960 | .3587445 | .2290642   | .3814714 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.928511 | .3514505 | 3.994058 | 14.83613 | 11.61126 | .2278305 |
| #2 | 2.382989 | .3444244 | 3.990751 | 14.88024 | 11.60111 | .2279497 |
| #3 | 2.050801 | .3609653 | 4.009850 | 14.94243 | 11.65145 | .2293956 |

Sample Name: P4332-13ADLREX2      Acquired: 10/28/2024 19:57:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYDBE6A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037586 | 3.701548 | 5.695056 | .0572800 | 4.914430 | .0628846 |
| Stddev | .0003294 | .011864  | .026074  | .0004784 | .020983  | .0015527 |
| %RSD   | 8.764096 | .3205224 | .4578378 | .8352593 | .4269758 | 2.469168 |
| #1     | .0034209 | 3.698828 | 5.707777 | .0578260 | 4.897439 | .0646701 |
| #2     | .0037760 | 3.691279 | 5.665063 | .0569342 | 4.907966 | .0618506 |
| #3     | .0040790 | 3.714536 | 5.712328 | .0570798 | 4.937885 | .0621331 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .7352857 |
| Stddev | .0024200 |
| %RSD   | .3291169 |
| #1     | .7336510 |
| #2     | .7341404 |
| #3     | .7380657 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 953.1221 | 23396.61 | 2762.570 | 846.8430 | 1551.812 |
| Stddev    | 3.8961   | 37.38    | 13.265   | 2.6164   | 4.350    |
| %RSD      | .4087693 | .1597567 | .4801842 | .3089570 | .2803256 |
| #1        | 956.4593 | 23354.33 | 2756.068 | 846.3645 | 1552.756 |
| #2        | 954.0662 | 23425.26 | 2777.832 | 849.6655 | 1555.613 |
| #3        | 948.8407 | 23410.24 | 2753.811 | 844.4988 | 1547.068 |

Sample Name: P4333-01DLX2      Acquired: 10/28/2024 20:01:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYDBF4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2729041 | -.043165 | .5432346 | -.019846 | .0099203 | 235.7873 |
| Stddev | .0041042 | .008796  | .0028577 | .002203  | .0040038 | .6393    |
| %RSD   | 1.503891 | 20.37808 | .5260574 | 11.10289 | 40.35922 | .2711504 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2776253 | -.052547 | .5465342 | -.022050 | .0145330 | 235.9961 |
| #2 | .2701870 | -.041843 | .5416178 | -.017643 | .0073445 | 236.2962 |
| #3 | .2709000 | -.035105 | .5415518 | -.019844 | .0078835 | 235.0697 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.299817 | .0117116 | .0136664 | 113.1166 | .4776223 | .1726616 |
| Stddev | .024830  | .0003350 | .0002009 | .2427    | .0014667 | .0006260 |
| %RSD   | .2991611 | 2.860211 | 1.469642 | .2145328 | .3070864 | .3625381 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 8.303660 | .0113252 | .0137776 | 113.0831 | .4790917 | .1729543 |
| #2 | 8.322501 | .0118896 | .0134346 | 113.3743 | .4776168 | .1730875 |
| #3 | 8.273289 | .0119200 | .0137871 | 112.8925 | .4761583 | .1719429 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.998639 | 238.9316 | 5.293501 | 72.36869 | .7964357 | -.015158 |
| Stddev | .010382  | .8052    | .015478  | .49524   | .0023042 | .000068  |
| %RSD   | .5194402 | .3369903 | .2923979 | .6843286 | .2893195 | .4503137 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.001962 | 239.4343 | 5.293968 | 72.52880 | .7982675 | -.015170 |
| #2 | 2.006952 | 239.3575 | 5.308740 | 72.76406 | .7971912 | -.015219 |
| #3 | 1.987002 | 238.0029 | 5.277794 | 71.81320 | .7938486 | -.015084 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.021554 | .5084881 | 1.229870 | 15.53023 | F 13.32171 | .2674178 |
| Stddev | .281525  | .0064346 | .003557  | .16233   | .06640     | .0023839 |
| %RSD   | 13.92616 | 1.265429 | .2892388 | 1.045259 | .4984516   | .8914475 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.339388 | .5149687 | 1.225930 | 15.39115 | 13.38018 | .2700599 |
| #2 | 1.921738 | .5083951 | 1.230838 | 15.70860 | 13.33544 | .2667656 |
| #3 | 1.803538 | .5021006 | 1.232844 | 15.49093 | 13.24952 | .2654279 |

Sample Name: P4333-01DLX2      Acquired: 10/28/2024 20:01:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYDBF4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000365 | 1.830317 | 4.860551 | .0136133 | 6.224903 | .1083885 |
| Stddev | .000466  | .018864  | .020218  | .0019025 | .013143  | .0009075 |
| %RSD   | 127.8267 | 1.030630 | .4159604 | 13.97542 | .2111284 | .8372506 |
| #1     | -.000333 | 1.848556 | 4.851090 | .0119960 | 6.235745 | .1079415 |
| #2     | .000085  | 1.810885 | 4.883765 | .0157095 | 6.228679 | .1094328 |
| #3     | -.000846 | 1.831510 | 4.846798 | .0131345 | 6.210286 | .1077913 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.196833 |
| Stddev | .004533  |
| %RSD   | .3787581 |
| #1     | 1.201215 |
| #2     | 1.197122 |
| #3     | 1.192162 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1001.212 | 24519.15 | 2888.943 | 895.1386 | 1501.085 |
| Stddev    | 1.725    | 47.60    | 11.408   | 3.1065   | 2.967    |
| %RSD      | .1722880 | .1941307 | .3948958 | .3470440 | .1976834 |
| #1        | 1002.903 | 24504.28 | 2895.994 | 897.2244 | 1500.568 |
| #2        | 1001.276 | 24480.76 | 2875.781 | 896.6231 | 1504.277 |
| #3        | 999.455  | 24572.41 | 2895.053 | 891.5684 | 1498.410 |

Sample Name: PB164280BL      Acquired: 10/28/2024 20:06:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS280      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000692 | -.000472 | -.000294 | -.001045 | .0006709 | .0168287 | .0006269 |
| Stddev | .002154  | .000991  | .000666  | .001293  | .0011936 | .0125461 | .0004427 |
| %RSD   | 311.2460 | 209.7981 | 226.6422 | 123.6944 | 177.9147 | 74.55194 | 70.62033 |
| #1     | .001538  | -.000188 | -.000298 | -.002445 | .0015192 | .0024816 | .0007431 |
| #2     | -.000853 | .000346  | .000374  | .000105  | -.000694 | .0222627 | .0001377 |
| #3     | -.002760 | -.001574 | -.000958 | -.000796 | .001187  | .0257418 | .0009999 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000010 | .0000024 | .0249557 | .0002660 | -.000272 | -.001412 | -.002348 |
| Stddev | .0000403 | .0000963 | .0085604 | .0008465 | .000248  | .002248  | .015101  |
| %RSD   | 4024.880 | 4051.134 | 34.30223 | 318.2123 | 91.22777 | 159.1662 | 643.2011 |
| #1     | .0000070 | -.000043 | .0310804 | -.000702 | -.000133 | -.000165 | -.015006 |
| #2     | .0000380 | -.000063 | .0286124 | .000865  | -.000124 | -.004007 | -.006405 |
| #3     | -.000042 | .000113  | .0151743 | .000636  | -.000559 | -.000065 | .014368  |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003924 | .0196814 | .0001407 | .0001631 | -.072973 | -.003433 | -.000111 |
| Stddev | .0010330 | .0283916 | .0002439 | .0003997 | .133737  | .007239  | .000237  |
| %RSD   | 263.2520 | 144.2565 | 173.3910 | 245.1171 | 183.2681 | 210.8985 | 214.1640 |
| #1     | .0004211 | .0052667 | .0001528 | .0000628 | -.148681 | -.011552 | -.000352 |
| #2     | -.000655 | .0523887 | .0003784 | -.000177 | .081443  | -.001097 | -.000102 |
| #3     | .001411  | .0013888 | -.000109 | .000603  | -.151682 | .002351  | .000122  |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.096607 | .0003855 | -.003288 | .0000958 | -.000452 | .0022729 | -.001321 |
| Stddev | .054846  | .0014214 | .000443  | .0004568 | .001546  | .0008140 | .001425  |
| %RSD   | 56.77188 | 368.7433 | 13.48917 | 476.5730 | 342.2748 | 35.81110 | 107.8871 |
| #1     | -.106096 | -.000813 | -.003152 | -.000422 | .001118  | .0031824 | .000182  |
| #2     | -.037636 | .000014  | -.002928 | .000440  | -.001972 | .0020235 | -.001493 |
| #3     | -.146089 | .001956  | -.003783 | .000269  | -.000502 | .0016128 | -.002652 |

Sample Name: PB164280BL      Acquired: 10/28/2024 20:06:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS280      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0004227 | -.006645 | -.000083 |
| Stddev | .0008440 | .001796  | .000083  |
| %RSD   | 199.6621 | 27.03000 | 100.6544 |
| #1     | -.000320 | -.007223 | -.000090 |
| #2     | .000247  | -.004631 | .000004  |
| #3     | .001341  | -.008082 | -.000163 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 892.6408 | 21421.92 | 2417.869 | 795.7486 | 1701.205 |
| Stddev    | 1.6256   | 99.90    | 5.068    | 2.8153   | 2.111    |
| %RSD      | .1821147 | .4663637 | .2096113 | .3537986 | .1241013 |
| #1        | 890.7693 | 21386.10 | 2412.075 | 792.5224 | 1700.177 |
| #2        | 893.7023 | 21534.80 | 2421.479 | 797.0151 | 1703.633 |
| #3        | 893.4509 | 21344.87 | 2420.054 | 797.7082 | 1699.804 |

Sample Name: PB164280BS      Acquired: 10/28/2024 20:10:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS280      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0248869 | .0531188 | .0205680 | .0695593 | .1072324 | .4003350   |
| Stddev | .0028842 | .0022553 | .0020151 | .0020903 | .0012849 | .0147094   |
| %RSD   | 11.58931 | 4.245752 | 9.797302 | 3.005094 | 1.198201 | 3.674280   |
| #1     | .0278670 | .0556053 | .0228374 | .0706542 | .1058017 | .4042224   |
| #2     | .0221092 | .0512052 | .0198782 | .0671490 | .1082879 | .4127104   |
| #3     | .0246845 | .0525459 | .0189883 | .0708747 | .1076077 | .3840724   |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .4173073 | .0109793 | .0106845 | 10.84069 | .0225939 | .1010375   |
| Stddev | .0029118 | .0001607 | .0000747 | .10376   | .0005561 | .0001921   |
| %RSD   | .6977496 | 1.463257 | .6993602 | .9571086 | 2.461256 | .1901295   |
| #1     | .4165035 | .0110441 | .0106255 | 10.82858 | .0229369 | .1009034   |
| #2     | .4205366 | .0110974 | .0107685 | 10.94997 | .0219523 | .1009514   |
| #3     | .4148819 | .0107963 | .0106594 | 10.74352 | .0228926 | .1012576   |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0524318 | .2167206 | .0329084 | 10.85535 | .0853916 | .0213539   |
| Stddev | .0007793 | .0039170 | .0009220 | .06985   | .0004440 | .0002941   |
| %RSD   | 1.486320 | 1.807404 | 2.801829 | .6434244 | .5199999 | 1.377164   |
| #1     | .0524366 | .2190475 | .0339420 | 10.88970 | .0849591 | .0211204   |
| #2     | .0532088 | .2189162 | .0321703 | 10.90136 | .0853694 | .0212571   |
| #3     | .0516502 | .2121983 | .0326131 | 10.77498 | .0858463 | .0216841   |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 10.15078 | .1184543 | .1060781 | 9.840706 | .0170822 | F -.003396 |
| Stddev | .13611   | .0110800 | .0007120 | .063068  | .0009949 | .001265    |
| %RSD   | 1.340879 | 9.353791 | .6711958 | .6408884 | 5.823888 | 37.24656   |
| #1     | 10.00173 | .1280189 | .1065176 | 9.882290 | .0165854 | -.004732   |
| #2     | 10.18212 | .1063130 | .1052567 | 9.871688 | .0164335 | -.002217   |
| #3     | 10.26848 | .1210311 | .1064602 | 9.768139 | .0182276 | -.003240   |



Sample Name: PB164280BS      Acquired: 10/28/2024 20:10:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS280      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |            |          |          |          |
|--------|------------|----------|------------|----------|----------|----------|
| Elem   | Mo2020     | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm        | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | F .0186137 | .1758455 | F .4618842 | .0136553 | .2083956 | .0241534 |
| Stddev | .0005541   | .0029194 | .0012934   | .0008716 | .0016285 | .0003393 |
| %RSD   | 2.976631   | 1.660231 | .2800305   | 6.382902 | .7814458 | 1.404779 |
| #1     | .0180603   | .1792162 | .4606253   | .0127420 | .2097966 | .0240285 |
| #2     | .0191684   | .1741142 | .4632096   | .0137456 | .2066089 | .0245375 |
| #3     | .0186124   | .1742062 | .4618177   | .0144782 | .2087814 | .0238943 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2116807 |
| Stddev | .0003203 |
| %RSD   | .1512899 |
| #1     | .2116437 |
| #2     | .2120179 |
| #3     | .2113806 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 893.5205 | 21388.27 | 2431.099 | 792.6058 | 1664.469 |
| Stddev    | 1.4888   | 13.21    | 16.403   | 2.2407   | .897     |
| %RSD      | .1666232 | .0617750 | .6747155 | .2826966 | .0538957 |
| #1        | 892.7319 | 21395.27 | 2441.801 | 790.9599 | 1665.170 |
| #2        | 895.2378 | 21396.51 | 2412.214 | 791.7000 | 1664.779 |
| #3        | 892.5919 | 21373.03 | 2439.281 | 795.1576 | 1663.458 |

Sample Name: PB164280BSD      Acquired: 10/28/2024 20:15:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCSD280      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0077021 | .0253271 | .0095668 | .0313149 | .0555557 | .2080938 | .2204923 |
| Stddev | .0020062 | .0013667 | .0030011 | .0053177 | .0018272 | .0176201 | .0004770 |
| %RSD   | 26.04795 | 5.396158 | 31.37017 | 16.98132 | 3.288897 | 8.467379 | .2163492 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0053915 | .0244521 | .0128541 | .0252270 | .0534820 | .2056631 | .2208534 |
| #2 | .0090014 | .0269020 | .0088729 | .0336656 | .0562562 | .1918152 | .2206721 |
| #3 | .0087135 | .0246272 | .0069734 | .0350521 | .0569290 | .2268030 | .2199515 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060322 | .0055918 | 5.703537 | .0117626 | .0529595 | .0232786 | .1239332 |
| Stddev | .0001217 | .0002135 | .024392  | .0003414 | .0007240 | .0023852 | .0048775 |
| %RSD   | 2.016629 | 3.819015 | .4276621 | 2.902275 | 1.367185 | 10.24644 | 3.935562 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060800 | .0058106 | 5.684686 | .0119494 | .0528482 | .0255499 | .1188015 |
| #2 | .0061227 | .0055808 | 5.694839 | .0113686 | .0522975 | .0207938 | .1244893 |
| #3 | .0058939 | .0053839 | 5.731085 | .0119699 | .0537328 | .0234921 | .1285088 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0167790 | 5.797621 | .0452280 | .0111903 | 5.104707 | .0599429 | .0567884 |
| Stddev | .0015736 | .021665  | .0002047 | .0010323 | .311342  | .0075660 | .0011144 |
| %RSD   | 9.378414 | .3736889 | .4526420 | 9.224830 | 6.099123 | 12.62194 | 1.962466 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0157762 | 5.820403 | .0453883 | .0101899 | 4.748837 | .0518956 | .0560590 |
| #2 | .0159681 | 5.795179 | .0452984 | .0122517 | 5.326816 | .0610213 | .0580713 |
| #3 | .0185927 | 5.777279 | .0449974 | .0111293 | 5.238467 | .0669118 | .0562350 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.026292 | .0098777 | -.004527 | .0100643 | .0940418 | .2413138 | .0059947 |
| Stddev | .093256  | .0020658 | .000406  | .0003894 | .0032378 | .0013442 | .0017281 |
| %RSD   | 1.855362 | 20.91398 | 8.977431 | 3.869164 | 3.442937 | .5570420 | 28.82745 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.015542 | .0102657 | -.004959 | .0096509 | .0971281 | .2398395 | .0042219 |
| #2 | 5.124457 | .0117220 | -.004153 | .0101179 | .0943260 | .2424713 | .0076743 |
| #3 | 4.938876 | .0076454 | -.004469 | .0104241 | .0906712 | .2416305 | .0060880 |

Sample Name: PB164280BSD      Acquired: 10/28/2024 20:15:17      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCSD280      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1087490 | .0083151 | .1115204 |
| Stddev | .0011684 | .0012366 | .0003454 |
| %RSD   | 1.074405 | 14.87147 | .3097495 |
| #1     | .1074569 | .0090411 | .1117178 |
| #2     | .1097313 | .0068873 | .1117218 |
| #3     | .1090588 | .0090170 | .1111215 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 892.0290 | 21350.05 | 2466.098 | 788.1773 | 1677.082 |
| Stddev    | 1.7239   | 308.78   | 4.205    | 12.0722  | 3.582    |
| %RSD      | .1932580 | 1.446272 | .1704988 | 1.531665 | .2135970 |
| #1        | 892.2658 | 21532.53 | 2468.804 | 792.8571 | 1674.616 |
| #2        | 893.6223 | 20993.53 | 2468.236 | 774.4657 | 1681.191 |
| #3        | 890.1989 | 21524.08 | 2461.254 | 797.2089 | 1675.438 |

Sample Name: CCV011      Acquired: 10/28/2024 20:20:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV011      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.018454 | 4.744518 | 24.51366 | 4.694102 | 4.696275 | 405.5701 | 10.02058 |
| Stddev | .009402  | .027883  | .13985   | .017256  | .020203  | .9436    | .03658   |
| %RSD   | .1873412 | .5876873 | .5704852 | .3676150 | .4302017 | .2326525 | .3650924 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.019163 | 4.753281 | 24.54229 | 4.702024 | 4.690100 | 406.6573 | 10.05999 |
| #2 | 5.008718 | 4.713306 | 24.36171 | 4.674307 | 4.679879 | 405.0886 | 10.01403 |
| #3 | 5.027481 | 4.766967 | 24.63697 | 4.705974 | 4.718845 | 404.9644 | 9.98771  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5114162 | 2.485105 | 403.1088 | 15.09630 | 2.482826 | 14.78656 | 406.9310 |
| Stddev | .0029562 | .010946  | 1.7555   | .00945   | .013707  | .03803   | 2.1438   |
| %RSD   | .5780412 | .4404567 | .4355018 | .0626291 | .5520755 | .2572014 | .5268242 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5146217 | 2.488323 | 405.1305 | 15.08538 | 2.487569 | 14.82991 | 409.4022 |
| #2 | .5087972 | 2.472911 | 402.2262 | 15.10202 | 2.467377 | 14.75883 | 405.8213 |
| #3 | .5108296 | 2.494082 | 401.9697 | 15.10149 | 2.493531 | 14.77093 | 405.5695 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.68290 | 409.6602 | 2.469859 | 1.250078 | 399.0665 | 2.449745 | 13.99410 |
| Stddev | .08123   | 1.8596   | .011149  | .007505  | 1.4396   | .022713  | .05409   |
| %RSD   | .5532481 | .4539340 | .4513946 | .6003601 | .3607529 | .9271672 | .3865313 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.77662 | 411.7756 | 2.474001 | 1.245751 | 400.7278 | 2.466678 | 13.93784 |
| #2 | 14.63278 | 408.2834 | 2.457232 | 1.245739 | 398.2864 | 2.423934 | 14.04572 |
| #3 | 14.63930 | 408.9214 | 2.478344 | 1.258744 | 398.1852 | 2.458624 | 13.99874 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 152.4684 | 4.927316 | 5.016878 | 4.658863 | 5.014476 | 4.899053 | 4.953601 |
| Stddev | .5082    | .022766  | .017466  | .019767  | .025226  | .028465  | .026475  |
| %RSD   | .3333321 | .4620272 | .3481365 | .4242855 | .5030628 | .5810289 | .5344631 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 153.0309 | 4.928775 | 5.029481 | 4.657144 | 5.027948 | 4.927490 | 4.957935 |
| #2 | 152.0424 | 4.903855 | 4.996941 | 4.640012 | 4.985374 | 4.870560 | 4.925226 |
| #3 | 152.3318 | 4.949316 | 5.024211 | 4.679434 | 5.030105 | 4.899110 | 4.977641 |

Sample Name: CCV011      Acquired: 10/28/2024 20:20:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV011      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.918061 | 4.976839 | 5.027856 |
| Stddev | .008134  | .018280  | .014976  |
| %RSD   | .1653951 | .3672948 | .2978638 |
| #1     | 4.926453 | 4.997606 | 5.044702 |
| #2     | 4.910212 | 4.969723 | 5.016051 |
| #3     | 4.917517 | 4.963187 | 5.022814 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 713.3372 | 19555.82 | 2357.361 | 593.8635 | 1289.763 |
| Stddev    | 1.5148   | 40.45    | 11.699   | 3.6246   | 5.320    |
| %RSD      | .2123533 | .2068610 | .4962885 | .6103450 | .4124584 |
| #1        | 713.9241 | 19602.15 | 2344.149 | 597.5525 | 1288.275 |
| #2        | 714.4708 | 19537.87 | 2366.407 | 590.3068 | 1295.669 |
| #3        | 711.6168 | 19527.45 | 2361.529 | 593.7313 | 1285.347 |

Sample Name: CCB011      Acquired: 10/28/2024 20:24:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB011      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010262 | -.000891 | .0018146 | .0042285 | -.002774 | .0686086 | .0008489 |
| Stddev | .0005161 | .001618  | .0013871 | .0014743 | .001447  | .0064980 | .0002838 |
| %RSD   | 50.29338 | 181.5400 | 76.43834 | 34.86689 | 52.15195 | 9.471080 | 33.42778 |
| #1     | .0004310 | -.000703 | .0033454 | .0031492 | -.004431 | .0704616 | .0011378 |
| #2     | .0012977 | -.002596 | .0006413 | .0036280 | -.001762 | .0613854 | .0008383 |
| #3     | .0013498 | .000625  | .0014571 | .0059084 | -.002129 | .0739789 | .0005706 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000239 | .0001179 | .0308645 | .0013955 | -.000247 | .0011080 | .0307219 |
| Stddev | .0000456 | .0001842 | .0135528 | .0007070 | .000077  | .0012637 | .0095261 |
| %RSD   | 191.0085 | 156.1632 | 43.91044 | 50.65929 | 31.03653 | 114.0554 | 31.00760 |
| #1     | .0000408 | .0003102 | .0359181 | .0006185 | -.000202 | .0016814 | .0348770 |
| #2     | -.000028 | .0001006 | .0155111 | .0020008 | -.000204 | .0019833 | .0198240 |
| #3     | .000059  | -.000057 | .0411644 | .0015672 | -.000336 | -.000341 | .0374648 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008474 | -.007742 | .0006118 | .0007225 | -.183051 | .0005232 | .0012483 |
| Stddev | .0007175 | .065018  | .0004137 | .0003353 | .282101  | .0040773 | .0003729 |
| %RSD   | 84.66385 | 839.7693 | 67.61494 | 46.41249 | 154.1107 | 779.2354 | 29.87242 |
| #1     | .0003625 | .030561  | .0001832 | .0008004 | -.498242 | .0013545 | .0008712 |
| #2     | .0005083 | .029025  | .0006436 | .0010120 | .045763  | .0041209 | .0012569 |
| #3     | .0016716 | -.082813 | .0010087 | .0003551 | -.096674 | -.003906 | .0016168 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0753384 | -.000105 | .0016362 | .0006020 | -.003840 | .0022496 | -.002784 |
| Stddev | .0959728 | .000962  | .0006745 | .0003572 | .008442  | .0002699 | .001082  |
| %RSD   | 127.3890 | 916.4180 | 41.22047 | 59.33215 | 219.8254 | 11.99603 | 38.86593 |
| #1     | -.024672 | -.000721 | .0024149 | .0004725 | -.013589 | .0021796 | -.001997 |
| #2     | .166686  | -.000597 | .0012323 | .0003277 | .001010  | .0020216 | -.002337 |
| #3     | .084001  | .001003  | .0012616 | .0010059 | .001058  | .0025476 | -.004018 |

Sample Name: CCB011      Acquired: 10/28/2024 20:24:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB011      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0004568 | -.003060 | .0002810 |
| Stddev | .0005530 | .000639  | .0000489 |
| %RSD   | 121.0585 | 20.88412 | 17.41492 |
| #1     | .0010818 | -.003730 | .0002743 |
| #2     | .0000313 | -.002994 | .0002358 |
| #3     | .0002573 | -.002457 | .0003329 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 887.4168 | 21272.03 | 2408.802 | 789.8866 | 1691.384 |
| Stddev    | 1.7188   | 26.93    | 2.081    | 1.4760   | 4.771    |
| %RSD      | .1936813 | .1266138 | .0863846 | .1868571 | .2820838 |
| #1        | 885.4391 | 21287.87 | 2407.225 | 791.5753 | 1685.879 |
| #2        | 888.2616 | 21240.93 | 2411.161 | 789.2416 | 1693.963 |
| #3        | 888.5496 | 21287.29 | 2408.021 | 788.8429 | 1694.312 |

Sample Name: P4331-04ADLX2      Acquired: 10/28/2024 21:02:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYDBB7A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2805403 | -.022761 | .8840731 | .0338921 | .1130097 | 143.9140 |
| Stddev | .0068141 | .007310  | .0026023 | .0031863 | .0023523 | .4274    |
| %RSD   | 2.428934 | 32.11802 | .2943547 | 9.401189 | 2.081457 | .2970051 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2881492 | -.017589 | .8818934 | .0302211 | .1102955 | 144.1989 |
| #2 | .2784711 | -.019568 | .8869542 | .0359399 | .1142785 | 144.1206 |
| #3 | .2750007 | -.031124 | .8833717 | .0355152 | .1144552 | 143.4226 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.927041 | .0072105 | .0331471 | 60.78722 | .3410094 | .1890684 |
| Stddev | .022598  | .0001265 | .0002792 | .32217   | .0026239 | .0005420 |
| %RSD   | .4586585 | 1.753700 | .8423725 | .5299903 | .7694642 | .2866803 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.948204 | .0070821 | .0328483 | 61.03816 | .3423263 | .1884427 |
| #2 | 4.929679 | .0073349 | .0331917 | 60.89959 | .3379878 | .1893926 |
| #3 | 4.903239 | .0072144 | .0334014 | 60.42392 | .3427141 | .1893700 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 3.770063 | 219.5702 | F 39.24515 | 48.67474 | .5548386 | -.013297 |
| Stddev | .007680  | .8521    | .17325     | .25838   | .0004363 | .000482  |
| %RSD   | .2037129 | .3880563 | .4414527   | .5308362 | .0786416 | 3.627792 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.773838 | 220.3291 | 39.35828 | 48.75536 | .5544480 | -.013261 |
| #2 | 3.775126 | 219.7330 | 39.33147 | 48.88319 | .5553095 | -.013796 |
| #3 | 3.761226 | 218.6485 | 39.04570 | 48.38566 | .5547582 | -.012833 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.546168 | .3949892 | 5.070368 | 24.15372 | F 12.58438 | .2393360 |
| Stddev | .115972  | .0158855 | .012281  | .05968   | .03430     | .0010335 |
| %RSD   | 7.500600 | 4.021745 | .2422175 | .2470639 | .2725263   | .4318331 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.611985 | .4118696 | 5.061631 | 24.10003 | 12.61596 | .2392397 |
| #2 | 1.412262 | .3927648 | 5.084410 | 24.21797 | 12.54789 | .2383540 |
| #3 | 1.614258 | .3803332 | 5.065063 | 24.14316 | 12.58929 | .2404143 |



Sample Name: P4331-04ADLX2      Acquired: 10/28/2024 21:02:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYDBB7A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001077 | 3.355119 | 6.506378 | .0243021 | 4.688358 | .0767673 |
| Stddev | .000725  | .013043  | .028501  | .0014717 | .016351  | .0015390 |
| %RSD   | 67.36782 | .3887510 | .4380483 | 6.055718 | .3487547 | 2.004821 |
| #1     | -.000921 | 3.340415 | 6.496155 | .0227079 | 4.705522 | .0776259 |
| #2     | -.001867 | 3.365293 | 6.538581 | .0256089 | 4.686589 | .0776855 |
| #3     | -.000442 | 3.359649 | 6.484399 | .0245894 | 4.672964 | .0749905 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .7309388 |
| Stddev | .0024231 |
| %RSD   | .3315034 |
| #1     | .7333623 |
| #2     | .7309380 |
| #3     | .7285161 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 970.2315 | 23835.25 | 2815.439 | 867.4824 | 1525.274 |
| Stddev    | .3276    | 61.60    | 10.364   | 1.9089   | 3.180    |
| %RSD      | .0337693 | .2584309 | .3681215 | .2200488 | .2084988 |
| #1        | 969.8588 | 23802.69 | 2809.291 | 868.4552 | 1522.936 |
| #2        | 970.3615 | 23906.29 | 2809.620 | 865.2830 | 1528.895 |
| #3        | 970.4742 | 23796.76 | 2827.405 | 868.7088 | 1523.991 |

Sample Name: P4332-13ADLX2      Acquired: 10/28/2024 21:06:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYDBE6A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7316895 | -.030242 | 1.890432 | .0354351 | .1253287 | 173.4903 |
| Stddev | .0072590 | .001709  | .005555  | .0027691 | .0006842 | .0440    |
| %RSD   | .9920859 | 5.652781 | .2938663 | 7.814549 | .5459629 | .0253402 |
| #1     | .7368018 | -.031234 | 1.886657 | .0354002 | .1246083 | 173.4415 |
| #2     | .7233808 | -.028268 | 1.887829 | .0326836 | .1254082 | 173.5027 |
| #3     | .7348858 | -.031223 | 1.896811 | .0382214 | .1259698 | 173.5268 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.982733 | .0104582 | .0448496 | 49.26519 | 1.411382 | .1537619 |
| Stddev | .007233  | .0000511 | .0001371 | .10905   | .004072  | .0006960 |
| %RSD   | .2425065 | .4887694 | .3056831 | .2213496 | .2885136 | .4526510 |
| #1     | 2.989866 | .0105139 | .0449942 | 49.34677 | 1.408072 | .1544276 |
| #2     | 2.982930 | .0104473 | .0447216 | 49.30748 | 1.410146 | .1530391 |
| #3     | 2.975403 | .0104134 | .0448329 | 49.14134 | 1.415929 | .1538189 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.610567 | 185.5841 | 4.785484 | 47.57253 | .5661109 | .0056445 |
| Stddev | .005132  | .0608    | .003218  | .12625   | .0008915 | .0008732 |
| %RSD   | .0674307 | .0327753 | .0672391 | .2653840 | .1574862 | 15.46998 |
| #1     | 7.607691 | 185.6542 | 4.789163 | 47.71314 | .5662206 | .0055023 |
| #2     | 7.607517 | 185.5450 | 4.784092 | 47.53554 | .5651695 | .0048512 |
| #3     | 7.616492 | 185.5532 | 4.783197 | 47.46891 | .5669424 | .0065801 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.957961 | .3496748 | 3.954697 | 14.88305 | F 11.39879 | .2233132 |
| Stddev | .462759  | .0090160 | .012715  | .08597   | .01821     | .0005281 |
| %RSD   | 23.63476 | 2.578398 | .3215088 | .5776301 | .1597238   | .2364764 |
| #1     | 2.336480 | .3550367 | 3.952241 | 14.91362 | 11.38105   | .2227964 |
| #2     | 1.442069 | .3392656 | 3.968460 | 14.78597 | 11.39789   | .2232915 |
| #3     | 2.095335 | .3547221 | 3.943389 | 14.94956 | 11.41743   | .2238518 |

Sample Name: P4332-13ADLX2      Acquired: 10/28/2024 21:06:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYDBE6A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037536 | 3.619870 | 6.014390 | .0532029 | 4.888036 | .0638215 |
| Stddev | .0006302 | .023942  | .020328  | .0026171 | .005201  | .0012237 |
| %RSD   | 16.79011 | .6614037 | .3379962 | 4.918999 | .1063941 | 1.917349 |
| #1     | .0038538 | 3.592434 | 5.990951 | .0555115 | 4.883655 | .0624294 |
| #2     | .0043277 | 3.630643 | 6.025002 | .0537373 | 4.893783 | .0643076 |
| #3     | .0030793 | 3.636533 | 6.027216 | .0503599 | 4.886668 | .0647274 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .7273469 |
| Stddev | .0004513 |
| %RSD   | .0620517 |
| #1     | .7271201 |
| #2     | .7278666 |
| #3     | .7270540 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 950.3952 | 23252.99 | 2726.149 | 847.9870 | 1546.624 |
| Stddev    | 2.8714   | 62.87    | 5.250    | 2.2919   | .256     |
| %RSD      | .3021253 | .2703598 | .1925661 | .2702790 | .0165716 |
| #1        | 948.5386 | 23257.81 | 2728.148 | 846.6136 | 1546.480 |
| #2        | 953.7025 | 23313.31 | 2730.105 | 846.7146 | 1546.471 |
| #3        | 948.9446 | 23187.85 | 2720.193 | 850.6328 | 1546.920 |

Sample Name: CCV012      Acquired: 10/28/2024 21:11:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV012      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.059708 | 4.754607 | 24.59974 | 4.701570 | 4.731331 | 406.7932 | 9.996499 |
| Stddev | .012536  | .016583  | .06452   | .015145  | .015302  | .7169    | .035590  |
| %RSD   | .2477526 | .3487870 | .2622935 | .3221271 | .3234238 | .1762402 | .3560293 |
| #1     | 5.046346 | 4.735987 | 24.52785 | 4.706565 | 4.719852 | 406.7535 | 9.992125 |
| #2     | 5.061570 | 4.760044 | 24.61874 | 4.684558 | 4.725437 | 407.5292 | 10.03408 |
| #3     | 5.071209 | 4.767789 | 24.65263 | 4.713586 | 4.748703 | 406.0970 | 9.96330  |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5087233 | 2.486625 | 402.5279 | 15.12990 | 2.488973 | 14.90040 | 405.7926 |
| Stddev | .0019325 | .006193  | 1.6705   | .01642   | .008117  | .02087   | 1.3436   |
| %RSD   | .3798702 | .2490387 | .4150096 | .1085577 | .3261242 | .1400936 | .3311116 |
| #1     | .5093335 | 2.480119 | 402.2204 | 15.14361 | 2.480532 | 14.88943 | 405.8139 |
| #2     | .5102771 | 2.487308 | 404.3308 | 15.13440 | 2.489665 | 14.92448 | 407.1255 |
| #3     | .5065594 | 2.492447 | 401.0324 | 15.11170 | 2.496722 | 14.88730 | 404.4385 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.61729 | 408.7825 | 2.474640 | 1.246055 | 399.8836 | 2.465032 | 14.03084 |
| Stddev | .06181   | 1.6954   | .005611  | .004545  | 1.2755   | .016877  | .06926   |
| %RSD   | .4228403 | .4147375 | .2267442 | .3647489 | .3189748 | .6846518 | .4936332 |
| #1     | 14.62790 | 408.2761 | 2.470540 | 1.250026 | 400.2502 | 2.455286 | 14.10054 |
| #2     | 14.67311 | 410.6733 | 2.472346 | 1.247040 | 400.9356 | 2.455290 | 13.96203 |
| #3     | 14.55087 | 407.3980 | 2.481035 | 1.241098 | 398.4649 | 2.484520 | 14.02996 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 152.8130 | 4.963348 | 5.012584 | 4.688830 | 5.026015 | 4.915279 | 4.977031 |
| Stddev | .5615    | .015257  | .017243  | .005448  | .015304  | .013697  | .014770  |
| %RSD   | .3674739 | .3073844 | .3440013 | .1162008 | .3045031 | .2786603 | .2967603 |
| #1     | 152.8291 | 4.945739 | 5.022719 | 4.686111 | 5.009786 | 4.922758 | 4.966200 |
| #2     | 153.3663 | 4.972582 | 5.022360 | 4.685276 | 5.028073 | 4.923609 | 4.993855 |
| #3     | 152.2435 | 4.971724 | 4.992674 | 4.695103 | 5.040187 | 4.899471 | 4.971038 |

Sample Name: CCV012      Acquired: 10/28/2024 21:11:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV012      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.925573 | 4.977623 | 5.042828 |
| Stddev | .013169  | .025030  | .008078  |
| %RSD   | .2673531 | .5028462 | .1601880 |
| #1     | 4.924699 | 4.966686 | 5.043373 |
| #2     | 4.939157 | 5.006260 | 5.050620 |
| #3     | 4.912863 | 4.959923 | 5.034491 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 707.9484 | 19420.68 | 2337.760 | 590.6848 | 1280.679 |
| Stddev    | 1.2191   | 42.47    | 8.348    | 2.1586   | 3.834    |
| %RSD      | .1722087 | .2186590 | .3571101 | .3654424 | .2993642 |
| #1        | 709.3541 | 19425.06 | 2339.611 | 588.2529 | 1285.066 |
| #2        | 707.1790 | 19376.19 | 2328.641 | 592.3740 | 1277.974 |
| #3        | 707.3122 | 19460.77 | 2345.028 | 591.4276 | 1278.997 |

Sample Name: CCB012      Acquired: 10/28/2024 21:15:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB012      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041944 | .0019825 | .0030606 | .0013742 | .0020690 | .0943474 | .0008526 |
| Stddev | .0064112 | .0018115 | .0034904 | .0029162 | .0027179 | .0155626 | .0001231 |
| %RSD   | 152.8518 | 91.37438 | 114.0424 | 212.2035 | 131.3627 | 16.49497 | 14.44399 |
| #1     | -.001014 | .0022577 | .0064629 | -.000345 | .0047683 | .0893165 | .0007314 |
| #2     | .002242  | .0000492 | .0032306 | -.000274 | .0021060 | .1118031 | .0009776 |
| #3     | .011355  | .0036407 | -.000512 | .004741  | -.000667 | .0819226 | .0008486 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000429 | .0001472 | .0336965 | .0017087 | .0001846 | .0028517 | .0512472 |
| Stddev | .0001856 | .0000395 | .0212860 | .0004083 | .0001513 | .0023847 | .0295077 |
| %RSD   | 432.7439 | 26.85637 | 63.16998 | 23.89848 | 81.99924 | 83.62225 | 57.57904 |
| #1     | -.000129 | .0001056 | .0131928 | .0015937 | .0002712 | .0018597 | .0509978 |
| #2     | .000017  | .0001842 | .0556869 | .0021622 | .0002727 | .0055723 | .0218651 |
| #3     | .000240  | .0001517 | .0322096 | .0013701 | .0000098 | .0011232 | .0808788 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015368 | .0748241 | .0004668 | -.000751 | .0703309 | .0124129 | .0018037 |
| Stddev | .0008582 | .0302706 | .0002868 | .000480  | .1143743 | .0037680 | .0002036 |
| %RSD   | 55.83936 | 40.45564 | 61.43595 | 63.90824 | 162.6232 | 30.35598 | 11.28943 |
| #1     | .0015106 | .1090004 | .0005951 | -.001099 | .1631504 | .0083300 | .0019804 |
| #2     | .0024078 | .0513885 | .0001383 | -.000950 | -.057442 | .0131521 | .0015810 |
| #3     | .0006921 | .0640833 | .0006672 | -.000203 | .105284  | .0157565 | .0018496 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0339034 | .0009821 | .0017260 | .0006684 | -.006059 | .0025694 | -.003234 |
| Stddev | .0581976 | .0026637 | .0011731 | .0002141 | .001273  | .0003433 | .001047  |
| %RSD   | 171.6574 | 271.2239 | 67.96837 | 32.02868 | 21.01749 | 13.36084 | 32.37647 |
| #1     | .0548138 | -.001660 | .0005070 | .0008848 | -.004601 | .0029588 | -.002063 |
| #2     | .0787567 | .003667  | .0018239 | .0004568 | -.006954 | .0023106 | -.003559 |
| #3     | -.031860 | .000940  | .0028471 | .0006637 | -.006621 | .0024387 | -.004081 |

Sample Name: CCB012      Acquired: 10/28/2024 21:15:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB012      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0016039 | -.002206 | .0004252 |
| Stddev | .0012917 | .000738  | .0001831 |
| %RSD   | 80.53324 | 33.45319 | 43.05548 |
| #1     | .0018915 | -.003039 | .0003999 |
| #2     | .0027276 | -.001940 | .0006195 |
| #3     | .0001927 | -.001637 | .0002561 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 890.0024 | 21411.25 | 2447.837 | 788.1291 | 1688.442 |
| Stddev    | 1.2070   | 33.53    | 5.211    | 3.7715   | 3.774    |
| %RSD      | .1356180 | .1565996 | .2128732 | .4785401 | .2234974 |
| #1        | 889.6414 | 21403.25 | 2443.746 | 791.7747 | 1684.401 |
| #2        | 891.3488 | 21448.05 | 2453.704 | 788.3695 | 1691.874 |
| #3        | 889.0172 | 21382.44 | 2446.061 | 784.2432 | 1689.051 |