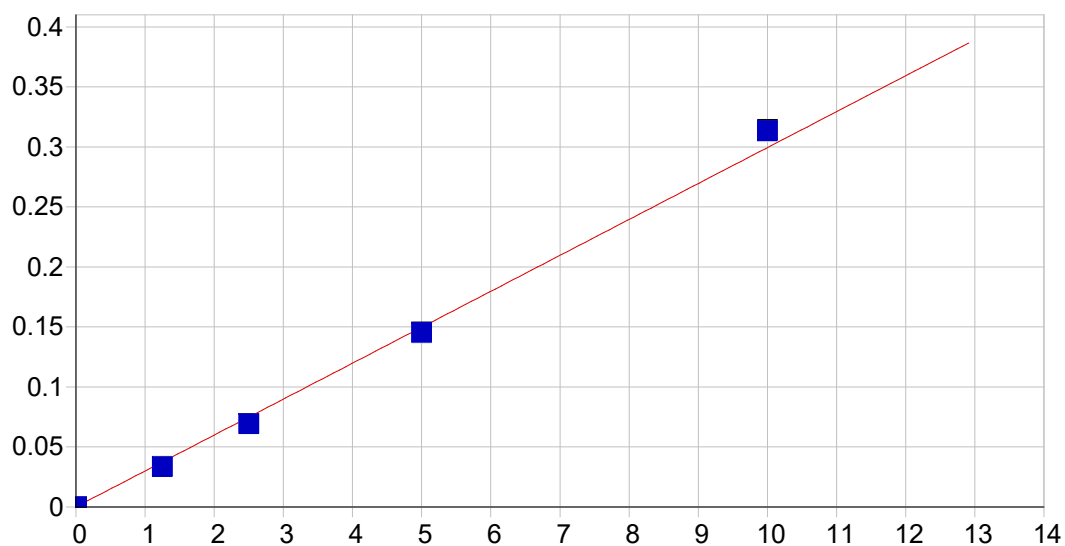


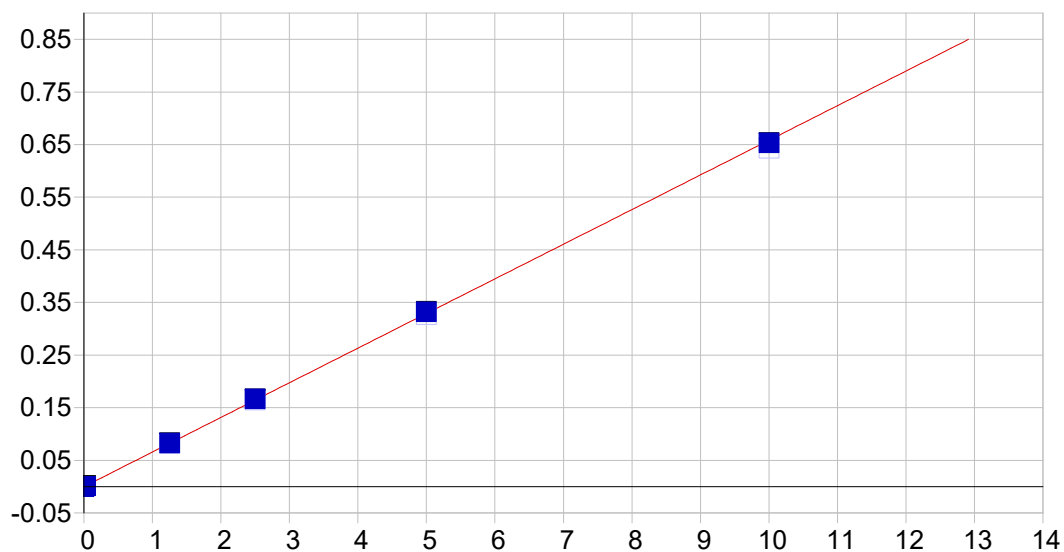


**As 189.042 {479}**

Date of Fit: 10/13/2023 18:00:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000089 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.029931 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.998558 | Status:   | OK.      |
| Std Error of Est: | 0.000027 |           |          |
| Predicted MDL:    | 0.008966 |           |          |
| Predicted MQL:    | 0.029887 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00009 | .000    | 1        |
| S1        | .01000       | .00939      | -.001      | -6.11   | .00037 | .000    | 1        |
| S2        | 1.2500       | 1.1200      | -.130      | -10.4   | .03349 | .000    | 1        |
| S3        | 2.5000       | 2.3146      | -.185      | -7.42   | .06913 | .000    | 1        |
| S4        | 5.0000       | 4.8478      | -.152      | -3.04   | .14472 | .001    | 1        |
| S5        | 10.000       | 10.468      | .468       | 4.68    | .31248 | .001    | 1        |

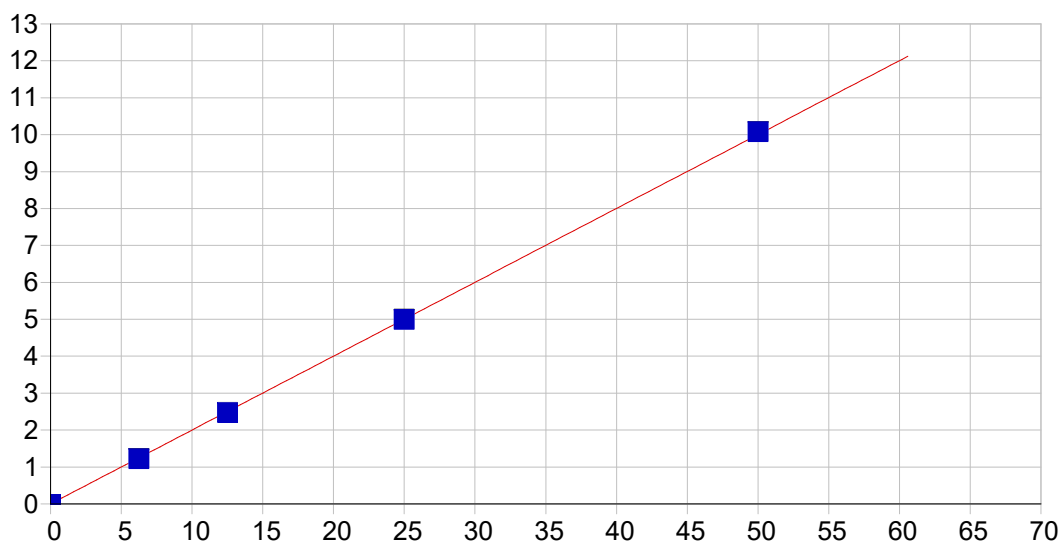


**TI 190.856 {477}**

Date of Fit: 10/13/2023 18:00:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000159 Re-Slope: 1.000000  
 A1 (Gain): 0.065830 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999958 Status: OK.  
 Std Error of Est: 0.000016  
 Predicted MDL: 0.002908  
 Predicted MQL: 0.009694

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00016 | .000    | 1        |
| S1        | .02500       | .02320      | -.002      | -7.19   | .00131  | .000    | 1        |
| S2        | 1.2500       | 1.2588      | .009       | .708    | .08144  | .000    | 1        |
| S3        | 2.5000       | 2.5291      | .029       | 1.16    | .16378  | .000    | 1        |
| S4        | 5.0000       | 5.0430      | .043       | .861    | .32673  | .001    | 1        |
| S5        | 10.000       | 9.9208      | -.079      | -.792   | .64273  | .001    | 1        |

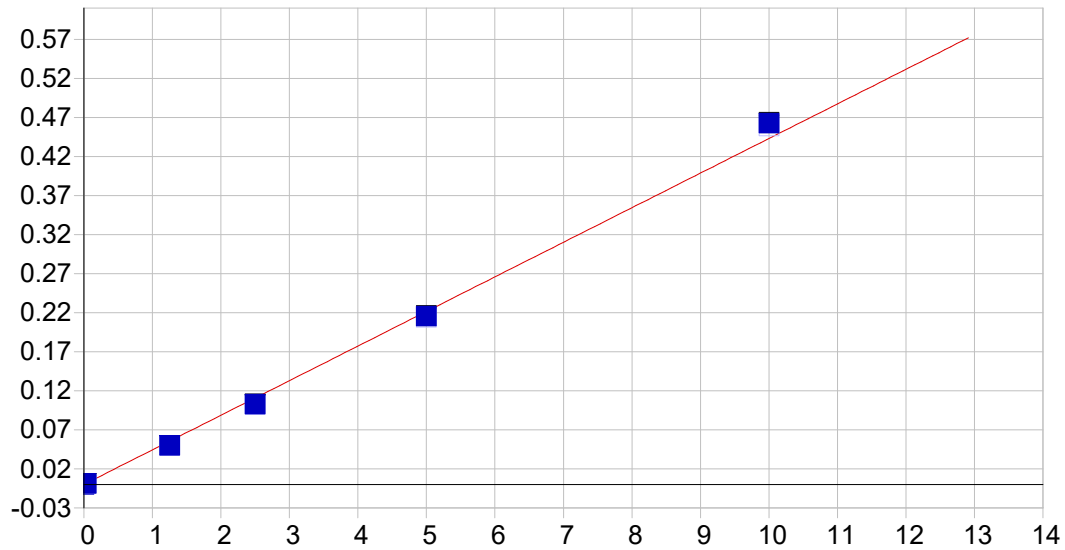


### Pb 220.353 {453}

Date of Fit: 10/13/2023 18:00:58      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.000482      Re-Slope: 1.000000  
 A1 (Gain): 0.200060      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999954      Status: OK.  
 Std Error of Est: 0.000072  
 Predicted MDL: 0.002053  
 Predicted MQL: 0.006842

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00048 | .000    | 1        |
| S1        | .01000       | .01019      | .000       | 1.94    | .00251 | .000    | 1        |
| S2        | 6.2500       | 6.0859      | -.164      | -2.63   | 1.2176 | .002    | 1        |
| S3        | 12.500       | 12.353      | -.147      | -1.18   | 2.4710 | .005    | 1        |
| S4        | 25.000       | 24.952      | -.048      | -.192   | 4.9907 | .006    | 1        |
| S5        | 50.000       | 50.359      | .359       | .718    | 10.072 | .004    | 1        |

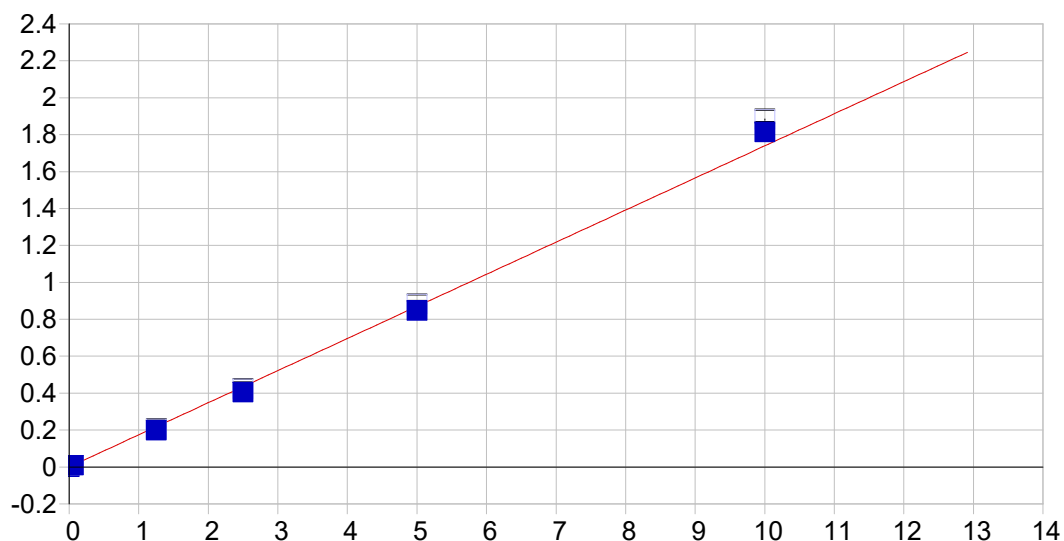


Se 196.090 {472}

Date of Fit: 10/13/2023 18:00:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000037 Re-Slope: 1.000000  
 A1 (Gain): 0.044295 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998663 Status: OK.  
 Std Error of Est: 0.000071  
 Predicted MDL: 0.006785  
 Predicted MQL: 0.022618

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00004 | .000    | 1        |
| S1        | .03500       | .02914      | -.006      | -16.7   | .00133 | .000    | 1        |
| S2        | 1.2500       | 1.1260      | -.124      | -9.92   | .04943 | .000    | 1        |
| S3        | 2.5000       | 2.3209      | -.179      | -7.16   | .10188 | .000    | 1        |
| S4        | 5.0000       | 4.8650      | -.135      | -2.70   | .21360 | .001    | 1        |
| S5        | 10.000       | 10.444      | .444       | 4.44    | .45879 | .001    | 1        |

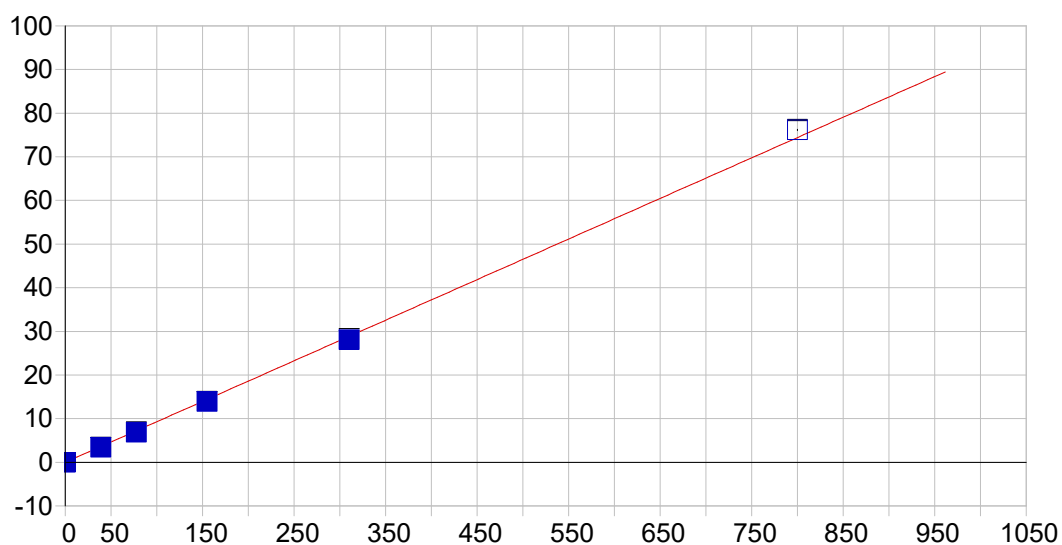


**Sb 206.833 {463}**

Date of Fit: 10/13/2023 18:00:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000348 Re-Slope: 1.000000  
 A1 (Gain): 0.173903 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998898 Status: OK.  
 Std Error of Est: 0.000349  
 Predicted MDL: 0.002323  
 Predicted MQL: 0.007742

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00035 | .001    | 1        |
| S1        | .06000       | .05193      | -.008      | -13.4   | .00939 | .000    | 1        |
| S2        | 1.2500       | 1.1357      | -.114      | -9.15   | .20642 | .000    | 1        |
| S3        | 2.5000       | 2.3289      | -.171      | -6.85   | .42249 | .001    | 1        |
| S4        | 5.0000       | 4.8680      | -.132      | -2.64   | .88119 | .003    | 1        |
| S5        | 10.000       | 10.425      | .425       | 4.25    | 1.8819 | .004    | 1        |

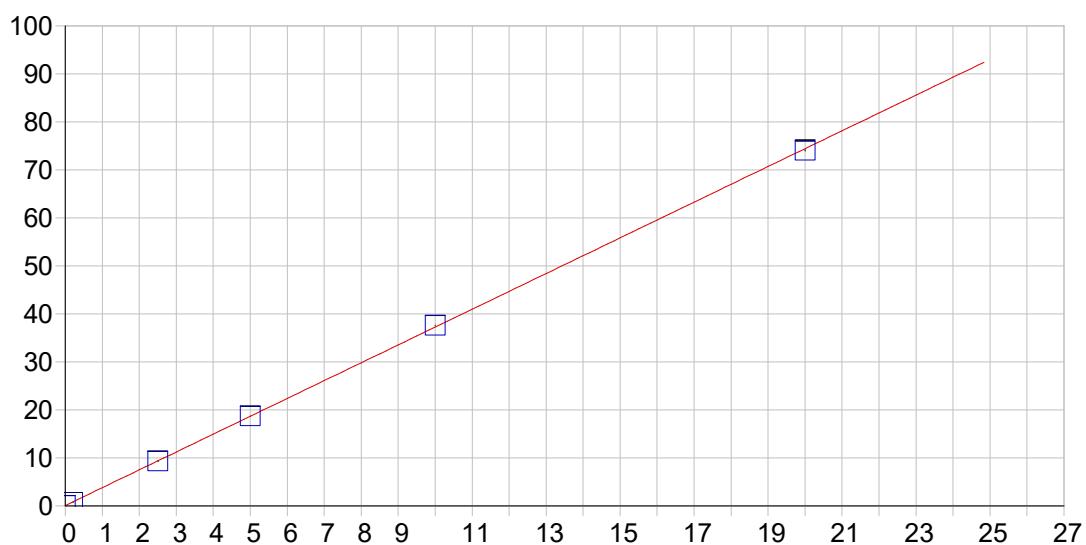


AI 396.152 { 85}

Date of Fit: 10/13/2023 18:00:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.002792 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.093026  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999612  | Status:   | OK.      |
| Std Error of Est: | 0.001612  |           |          |
| Predicted MDL:    | 0.010558  |           |          |
| Predicted MQL:    | 0.035193  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00004      | .000       | .000    | -.00279 | .000    | 1        |
| S1        | .20000       | .18809      | -.012      | -5.96   | .01474  | .001    | 1        |
| S2        | 38.750       | 36.886      | -1.86      | -4.81   | 3.4325  | .009    | 1        |
| S3        | 77.500       | 74.074      | -3.43      | -4.42   | 6.8958  | .021    | 1        |
| S4        | 155.00       | 149.73      | -5.27      | -3.40   | 13.941  | .005    | 1        |
| S5        | 310.00       | 301.87      | -8.13      | -2.62   | 28.110  | .223    | 1        |
| S6        | 800.00       | 818.73      | 18.7       | 2.34    | 76.160  | .140    | 1        |

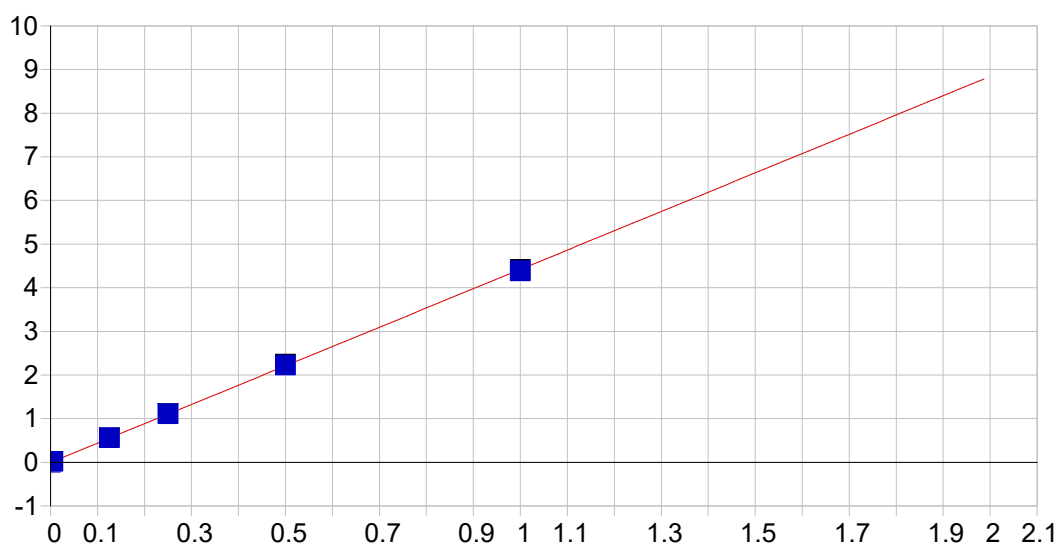


**Ba 493.409 { 68}**

Date of Fit: 10/13/2023 18:00:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.080057 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.717650 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999980 | Status:   | OK.      |
| Std Error of Est: | 0.002483 |           |          |
| Predicted MDL:    | 0.000913 |           |          |
| Predicted MQL:    | 0.003043 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .08007 | .003    | 1        |
| S1        | .20000       | .19597      | -.004      | -2.01   | .80862 | .003    | 1        |
| S2        | 2.5000       | 2.4934      | -.007      | -.264   | 9.3496 | .001    | 1        |
| S3        | 5.0000       | 5.0090      | .009       | .180    | 18.702 | .019    | 1        |
| S4        | 10.000       | 10.096      | .096       | .962    | 37.614 | .038    | 1        |
| S5        | 20.000       | 19.905      | -.095      | -.473   | 74.081 | .124    | 1        |



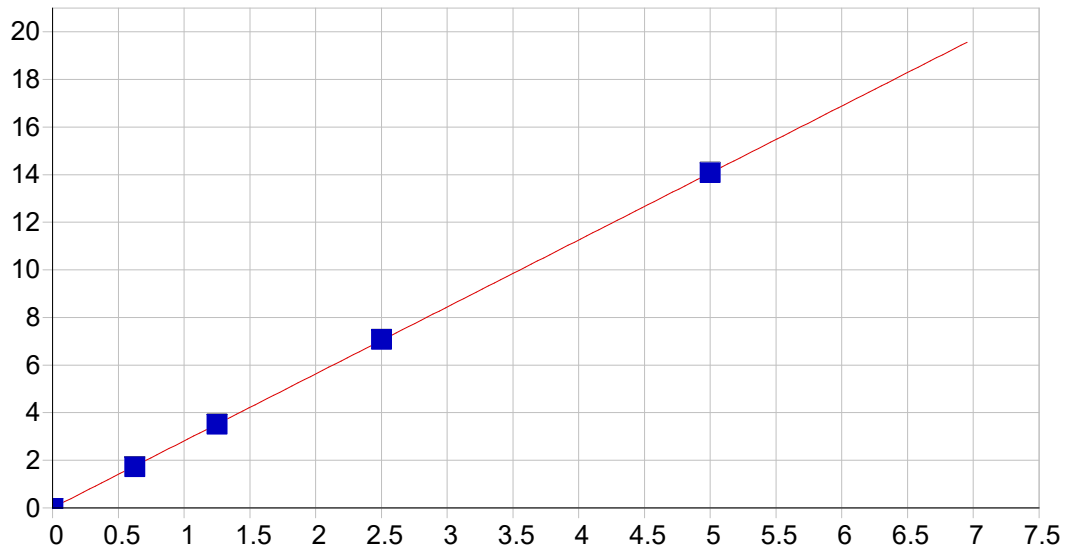
### Be 234.861 {144}

Date of Fit: 10/13/2023 18:00:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001412 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 4.422011  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999962  | Status:   | OK.      |
| Std Error of Est: | 0.000144  |           |          |
| Predicted MDL:    | 0.000082  |           |          |
| Predicted MQL:    | 0.000274  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00141 | .000    | 1        |
| S1        | .00500       | .00491      | -.000      | -1.89   | .02026  | .000    | 1        |
| S2        | .12500       | .12744      | .002       | 1.95    | .55959  | .005    | 1        |
| S3        | .25000       | .25187      | .002       | .748    | 1.1073  | .010    | 1        |
| S4        | .50000       | .50328      | .003       | .656    | 2.2140  | .024    | 1        |
| S5        | 1.0000       | .99250      | -.007      | -.750   | 4.3672  | .031    | 1        |



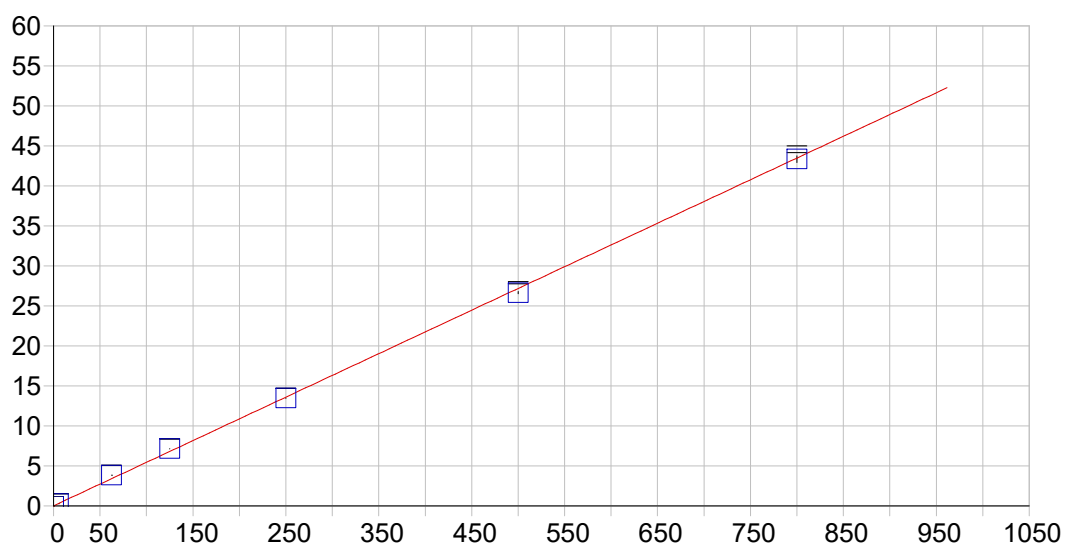


**Cd 214.438 {457}**

Date of Fit: 10/13/2023 18:00:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000752 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.814007 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999982 | Status:   | OK.      |
| Std Error of Est: | 0.000089 |           |          |
| Predicted MDL:    | 0.000101 |           |          |
| Predicted MQL:    | 0.000336 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00075 | .000    | 1        |
| S1        | .00200       | .00182      | -.000      | -8.93   | .00593 | .000    | 1        |
| S2        | .62500       | .61249      | -.013      | -2.00   | 1.7270 | .003    | 1        |
| S3        | 1.2500       | 1.2468      | -.003      | -.255   | 3.5147 | .006    | 1        |
| S4        | 2.5000       | 2.5118      | .012       | .470    | 7.0797 | .005    | 1        |
| S5        | 5.0000       | 5.0041      | .004       | .082    | 14.104 | .006    | 1        |

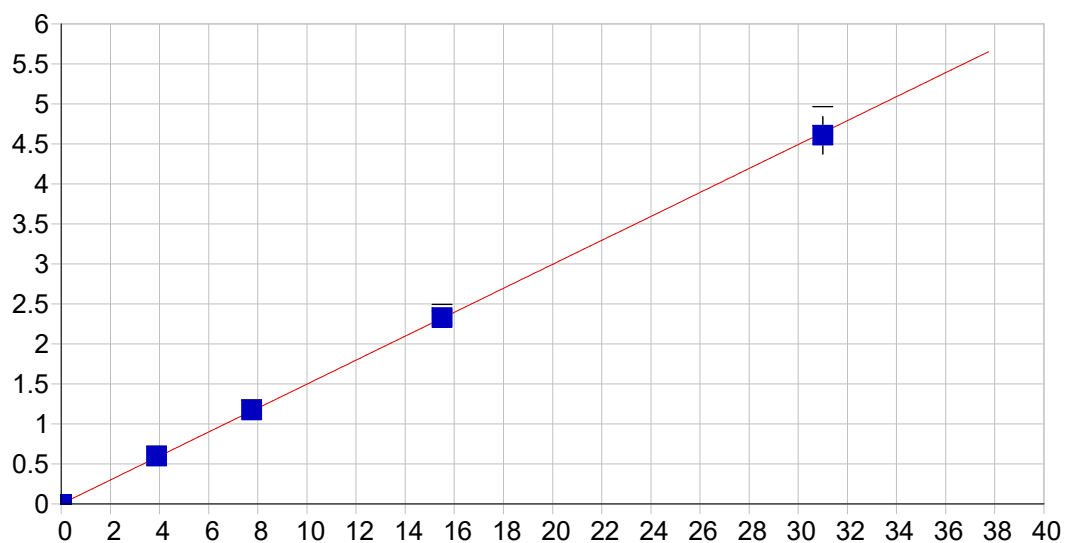


Ca 373.690 { 90}

Date of Fit: 10/13/2023 18:00:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011564 Re-Slope: 1.000000  
 A1 (Gain): 0.054343 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999534 Status: OK.  
 Std Error of Est: 0.005791  
 Predicted MDL: 0.013804  
 Predicted MQL: 0.046014

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00079     | -.001      | .000    | .01152 | .001    | 1        |
| S1        | 5.0000       | 5.0403      | .040       | .806    | .28547 | .003    | 1        |
| S2        | 62.500       | 70.717      | 8.22       | 13.1    | 3.8545 | .003    | 1        |
| S3        | 125.00       | 131.38      | 6.38       | 5.10    | 7.1509 | .018    | 1        |
| S4        | 250.00       | 247.49      | -2.51      | -1.00   | 13.461 | .013    | 1        |
| S5        | 500.00       | 490.37      | -9.63      | -1.93   | 26.660 | .159    | 1        |
| S6        | 800.00       | 797.50      | -2.50      | -.313   | 43.350 | .411    | 1        |

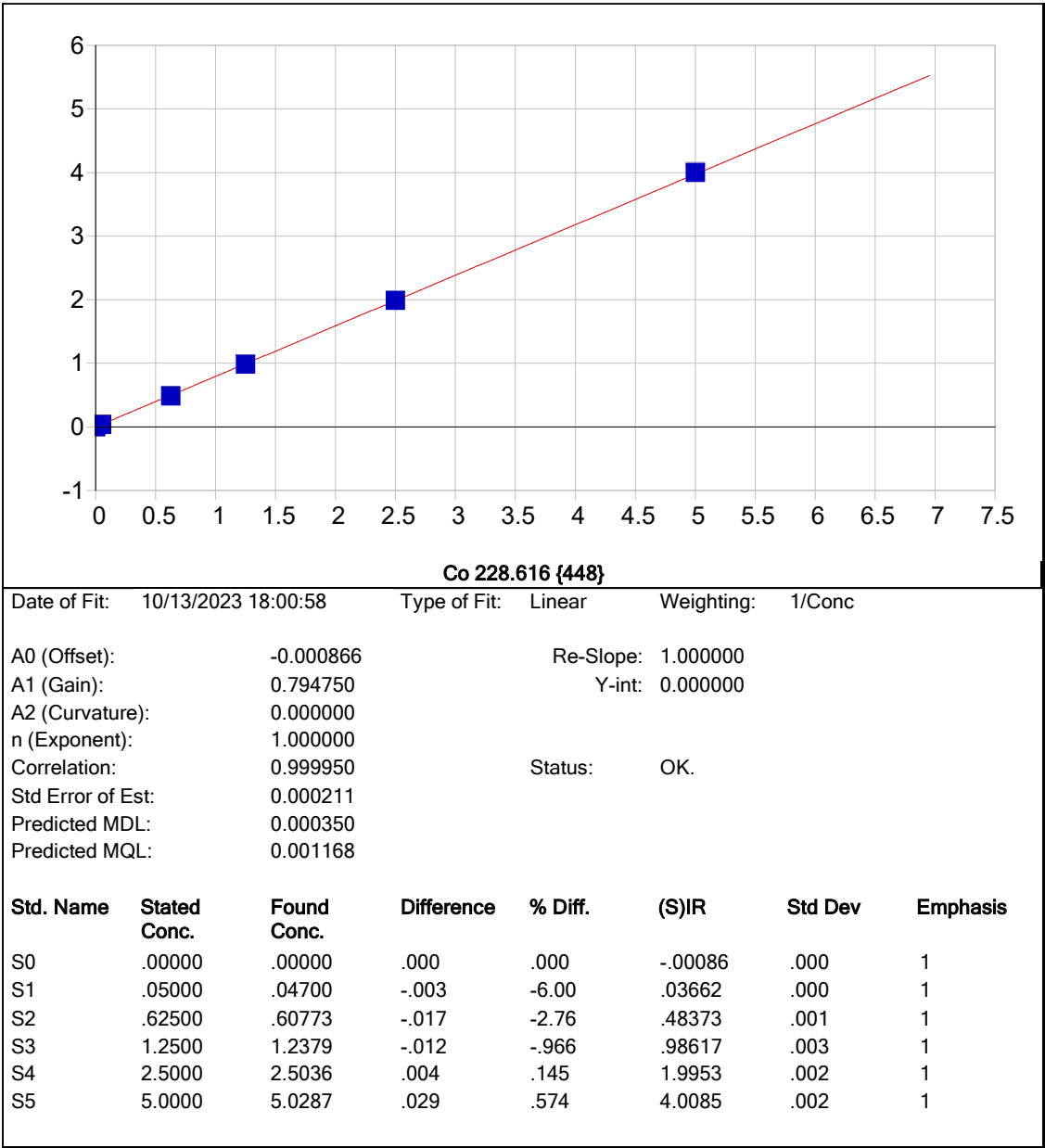


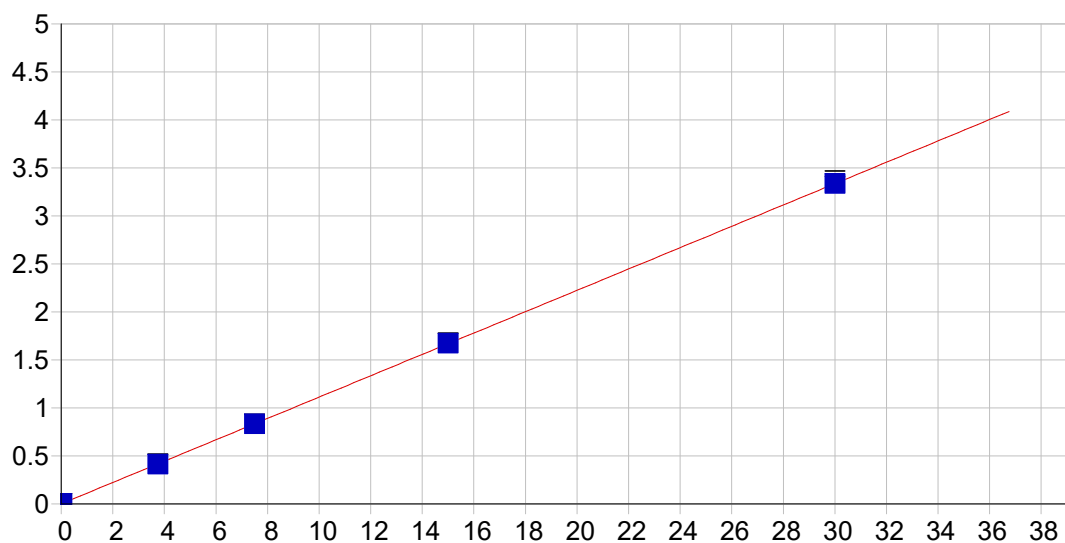
**Cr 267.716 {126}**

Date of Fit: 10/13/2023 18:00:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000072 Re-Slope: 1.000000  
 A1 (Gain): 0.149733 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999953 Status: OK.  
 Std Error of Est: 0.000043  
 Predicted MDL: 0.000470  
 Predicted MQL: 0.001566

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00007 | .000    | 1        |
| S1        | .01000       | .01051      | .001       | 5.10    | .00165 | .000    | 1        |
| S2        | 3.8750       | 3.9749      | .100       | 2.58    | .59548 | .001    | 1        |
| S3        | 7.7500       | 7.8323      | .082       | 1.06    | 1.1733 | .007    | 1        |
| S4        | 15.500       | 15.552      | .052       | .337    | 2.3297 | .041    | 1        |
| S5        | 31.000       | 30.765      | -.235      | -.758   | 4.6084 | .235    | 1        |



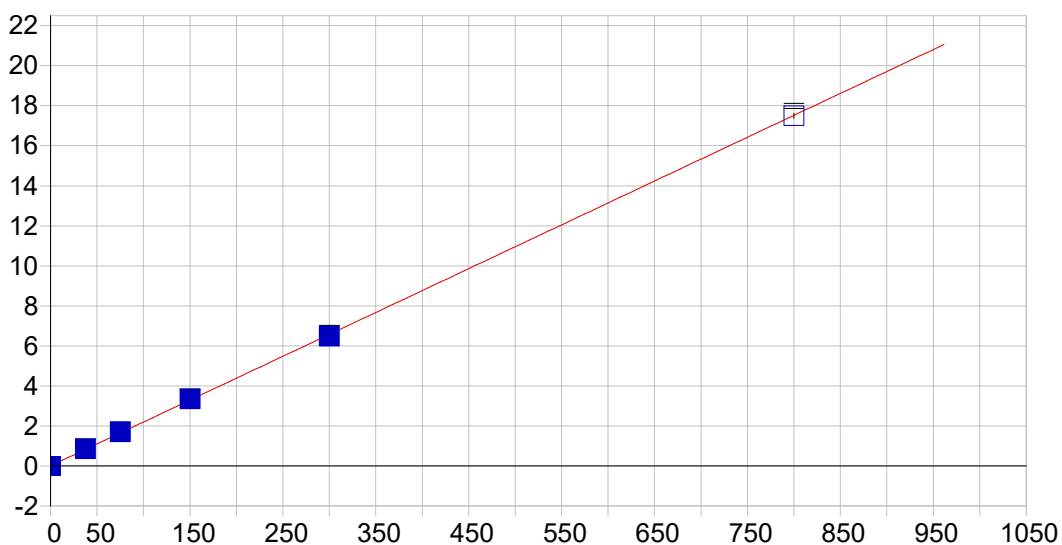


**Cu 324.754 {104}**

Date of Fit: 10/13/2023 18:00:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000754 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.111188 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999992 | Status:   | OK.      |
| Std Error of Est: | 0.000020 |           |          |
| Predicted MDL:    | 0.003792 |           |          |
| Predicted MQL:    | 0.012639 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00075 | .000    | 1        |
| S1        | .02500       | .02799      | .003       | 12.0    | .00386 | .000    | 1        |
| S2        | 3.7500       | 3.7151      | -.035      | -.930   | .41378 | .002    | 1        |
| S3        | 7.5000       | 7.4850      | -.015      | -.200   | .83290 | .002    | 1        |
| S4        | 15.000       | 15.049      | .049       | .329    | 1.6739 | .002    | 1        |
| S5        | 30.000       | 29.998      | -.002      | -.008   | 3.3357 | .029    | 1        |

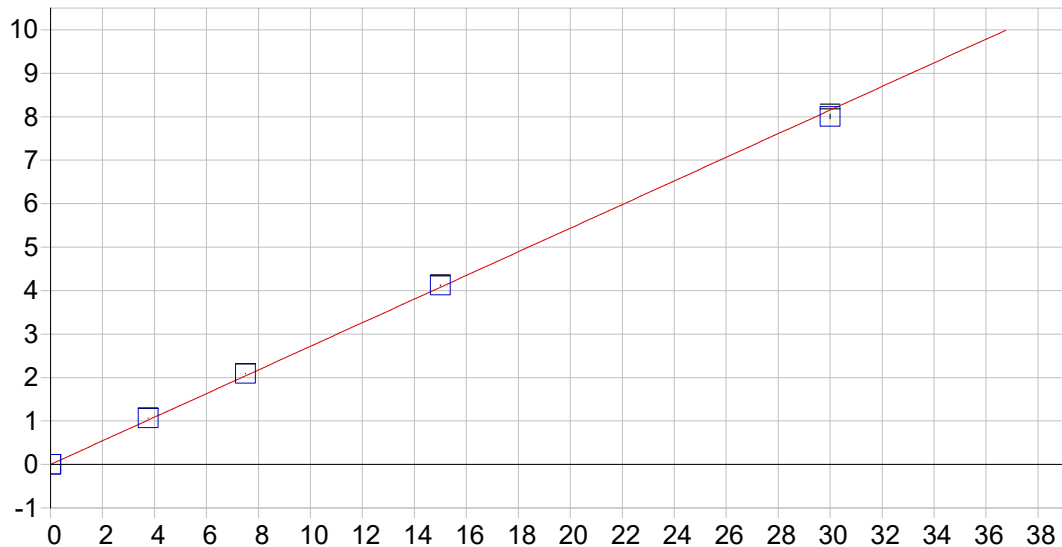


### Fe 259.837 {130}

Date of Fit: 10/13/2023 18:00:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000211 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.021900 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999920 | Status:   | OK.      |
| Std Error of Est: | 0.000121 |           |          |
| Predicted MDL:    | 0.010655 |           |          |
| Predicted MQL:    | 0.035517 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00021 | .000    | 1        |
| S1        | .10000       | .09413      | -.006      | -5.87   | .00227 | .000    | 1        |
| S2        | 37.500       | 38.973      | 1.47       | 3.93    | .85393 | .002    | 1        |
| S3        | 75.000       | 77.061      | 2.06       | 2.75    | 1.6883 | .003    | 1        |
| S4        | 150.00       | 152.23      | 2.23       | 1.48    | 3.3348 | .004    | 1        |
| S5        | 300.00       | 295.45      | -4.55      | -1.52   | 6.4722 | .047    | 1        |
| S6        | 800.00       | 798.79      | -1.21      | -.151   | 17.494 | .123    | 1        |

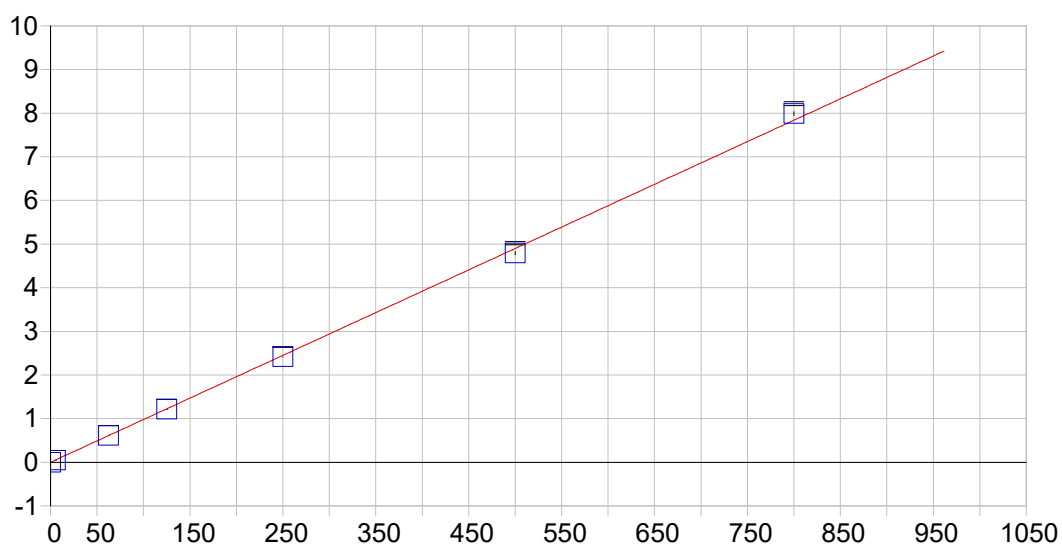


### Mn 257.610 {131}

Date of Fit: 10/13/2023 18:00:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000009 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.271768 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999782 | Status:   | OK.      |
| Std Error of Est: | 0.000202 |           |          |
| Predicted MDL:    | 0.000761 |           |          |
| Predicted MQL:    | 0.002536 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00001 | .000    | 1        |
| S1        | .01500       | .01518      | .000       | 1.17    | .00413 | .000    | 1        |
| S2        | 3.7500       | 3.9250      | .175       | 4.67    | 1.0667 | .002    | 1        |
| S3        | 7.5000       | 7.6937      | .194       | 2.58    | 2.0909 | .004    | 1        |
| S4        | 15.000       | 15.166      | .166       | 1.11    | 4.1217 | .009    | 1        |
| S5        | 30.000       | 29.465      | -.535      | -1.78   | 8.0076 | .054    | 1        |



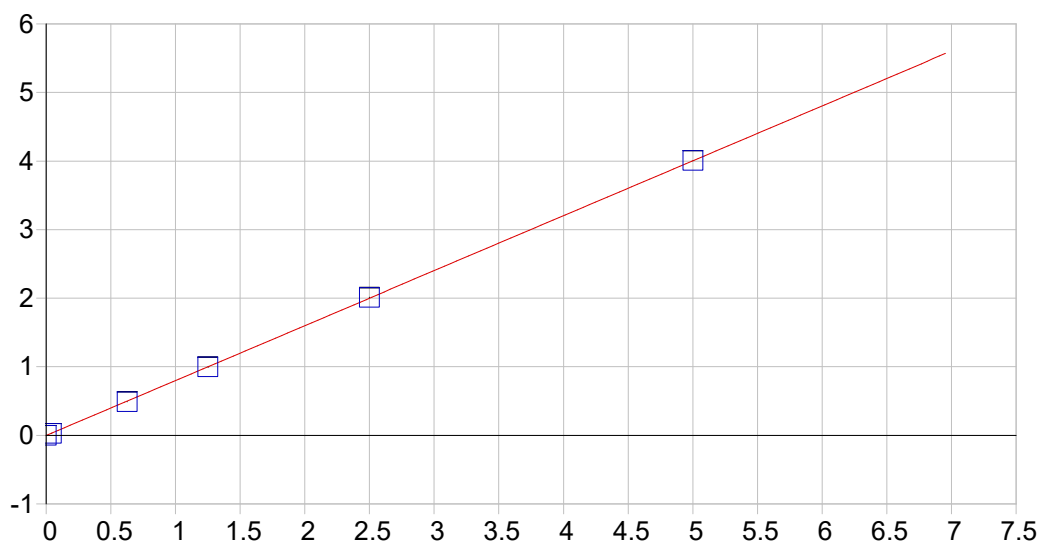
### Mg 279.079 {121}

Date of Fit: 10/13/2023 18:00:58      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.000126      Re-Slope: 1.000000  
 A1 (Gain): 0.009798      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999827      Status: OK.  
 Std Error of Est: 0.000636  
 Predicted MDL: 0.029266  
 Predicted MQL: 0.097554

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00022      | .000       | .000    | .00013 | .000    | 1        |
| S1        | 5.0000       | 4.8867      | -.113      | -2.27   | .04801 | .000    | 1        |
| S2        | 62.500       | 62.668      | .168       | .269    | .61418 | .003    | 1        |
| S3        | 125.00       | 124.12      | -.879      | -.703   | 1.2163 | .001    | 1        |
| S4        | 250.00       | 246.55      | -3.45      | -1.38   | 2.4160 | .004    | 1        |
| S5        | 500.00       | 488.85      | -11.1      | -2.23   | 4.7901 | .036    | 1        |
| S6        | 800.00       | 815.42      | 15.4       | 1.93    | 7.9900 | .044    | 1        |



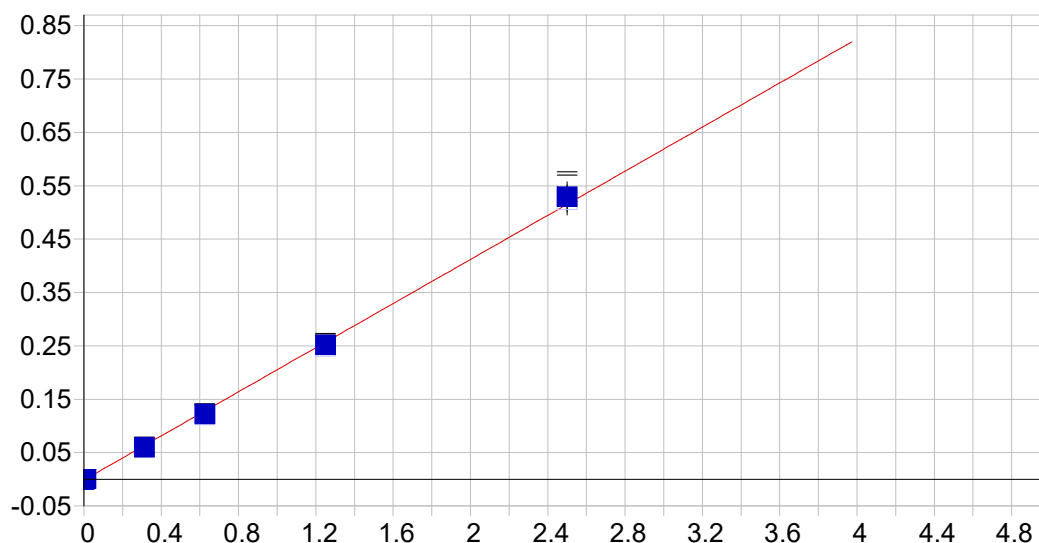


### Ni 231.604 {446}

Date of Fit: 10/13/2023 18:00:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001920 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.801107  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999985  | Status:   | OK.      |
| Std Error of Est: | 0.000104  |           |          |
| Predicted MDL:    | 0.000453  |           |          |
| Predicted MQL:    | 0.001512  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00192 | .000    | 1        |
| S1        | .04000       | .03836      | -.002      | -4.09   | .02881  | .001    | 1        |
| S2        | .62500       | .61505      | -.010      | -1.59   | .49080  | .001    | 1        |
| S3        | 1.2500       | 1.2466      | -.003      | -.273   | .99673  | .001    | 1        |
| S4        | 2.5000       | 2.5104      | .010       | .416    | 2.0092  | .004    | 1        |
| S5        | 5.0000       | 5.0046      | .005       | .092    | 4.0073  | .000    | 1        |

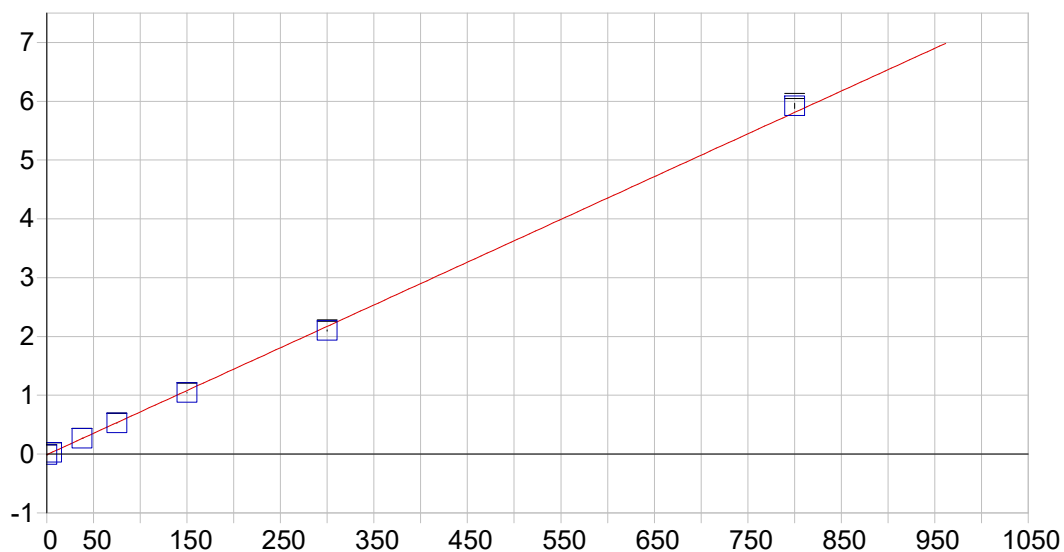


**Ag 328.068 {103}**

Date of Fit: 10/13/2023 18:00:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001528 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.206732  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999519  | Status:   | OK.      |
| Std Error of Est: | 0.000053  |           |          |
| Predicted MDL:    | 0.000671  |           |          |
| Predicted MQL:    | 0.002237  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00153 | .000    | 1        |
| S1        | .01000       | .00953      | -.000      | -4.72   | .00044  | .000    | 1        |
| S2        | .31250       | .29587      | -.017      | -5.32   | .05886  | .000    | 1        |
| S3        | .62500       | .59795      | -.027      | -4.33   | .12054  | .001    | 1        |
| S4        | 1.2500       | 1.2258      | -.024      | -1.93   | .24879  | .003    | 1        |
| S5        | 2.5000       | 2.5683      | .068       | 2.73    | .52323  | .028    | 1        |

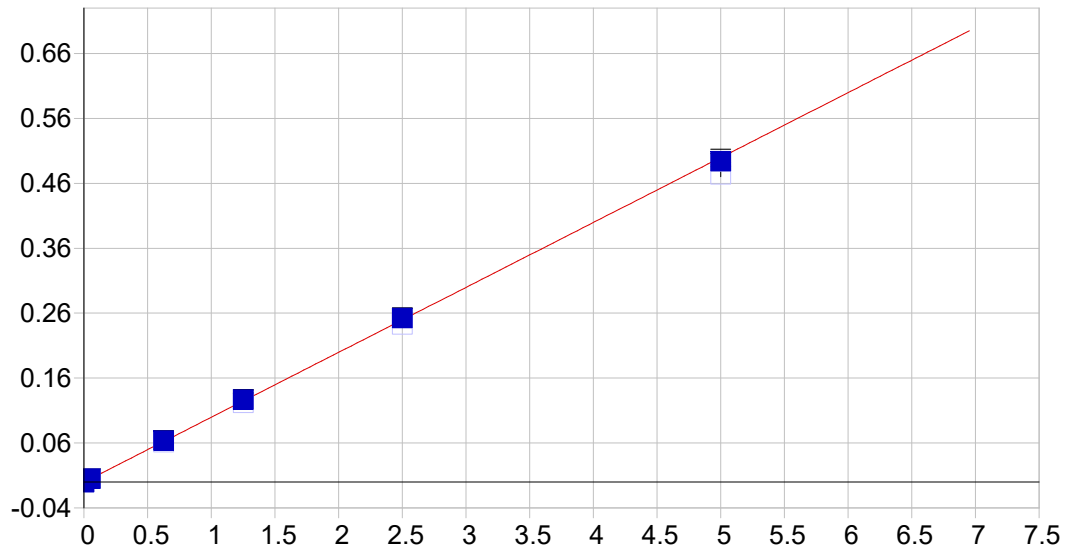


**Na 818.326 { 41}**

Date of Fit: 10/13/2023 18:00:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.010231 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.007275  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999708  | Status:   | OK.      |
| Std Error of Est: | 0.000544  |           |          |
| Predicted MDL:    | 0.268563  |           |          |
| Predicted MQL:    | 0.895209  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00012      | .000       | .000    | -.01023 | .001    | 1        |
| S1        | 5.0000       | 5.1223      | .122       | 2.45    | .02703  | .002    | 1        |
| S2        | 37.500       | 38.013      | .513       | 1.37    | .26632  | .001    | 1        |
| S3        | 75.000       | 73.963      | -1.04      | -1.38   | .52785  | .002    | 1        |
| S4        | 150.00       | 144.87      | -5.13      | -3.42   | 1.0437  | .001    | 1        |
| S5        | 300.00       | 290.35      | -9.65      | -3.22   | 2.1020  | .013    | 1        |
| S6        | 800.00       | 815.19      | 15.2       | 1.90    | 5.9203  | .043    | 1        |

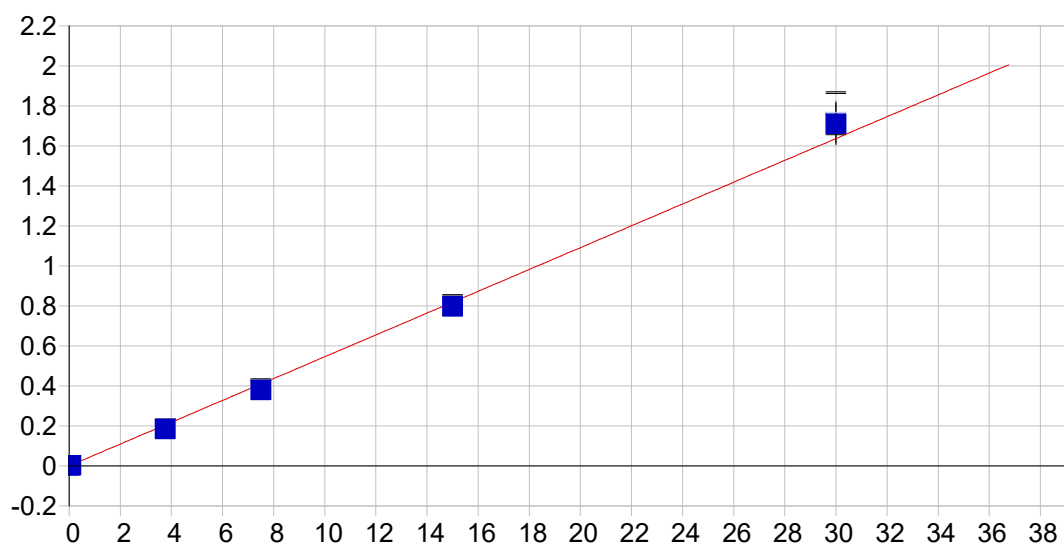


**V 292.402 {115}**

Date of Fit: 10/13/2023 18:00:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000354 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.100012  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999911  | Status:   | OK.      |
| Std Error of Est: | 0.000034  |           |          |
| Predicted MDL:    | 0.003451  |           |          |
| Predicted MQL:    | 0.011503  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00035 | .000    | 1        |
| S1        | .05000       | .05042      | .000       | .839    | .00467  | .000    | 1        |
| S2        | .62500       | .63700      | .012       | 1.92    | .06085  | .000    | 1        |
| S3        | 1.2500       | 1.2707      | .021       | 1.65    | .12172  | .000    | 1        |
| S4        | 2.5000       | 2.5261      | .026       | 1.04    | .24226  | .001    | 1        |
| S5        | 5.0000       | 4.9409      | -.059      | -1.18   | .47375  | .003    | 1        |

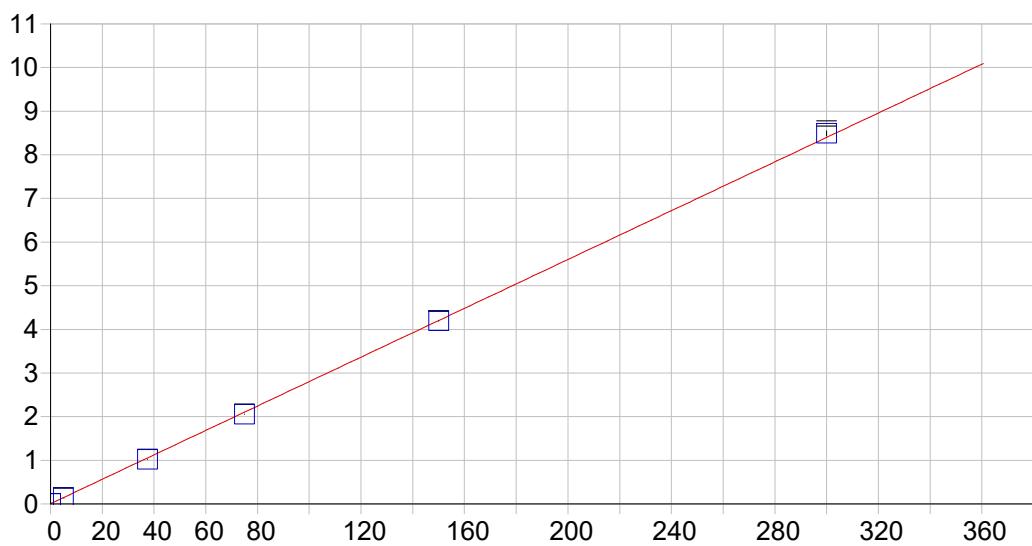


**Zn 213.856 {158}**

Date of Fit: 10/13/2023 18:00:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000103 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.054562 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.998688 | Status:   | OK.      |
| Std Error of Est: | 0.000200 |           |          |
| Predicted MDL:    | 0.013212 |           |          |
| Predicted MQL:    | 0.044041 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00010 | .001    | 1        |
| S1        | .06000       | .05245      | -.008      | -12.6   | .00297 | .000    | 1        |
| S2        | 3.7500       | 3.3703      | -.380      | -10.1   | .18500 | .003    | 1        |
| S3        | 7.5000       | 6.9534      | -.547      | -7.29   | .38150 | .004    | 1        |
| S4        | 15.000       | 14.598      | -.402      | -2.68   | .80060 | .006    | 1        |
| S5        | 30.000       | 31.336      | 1.34       | 4.45    | 1.7179 | .103    | 1        |

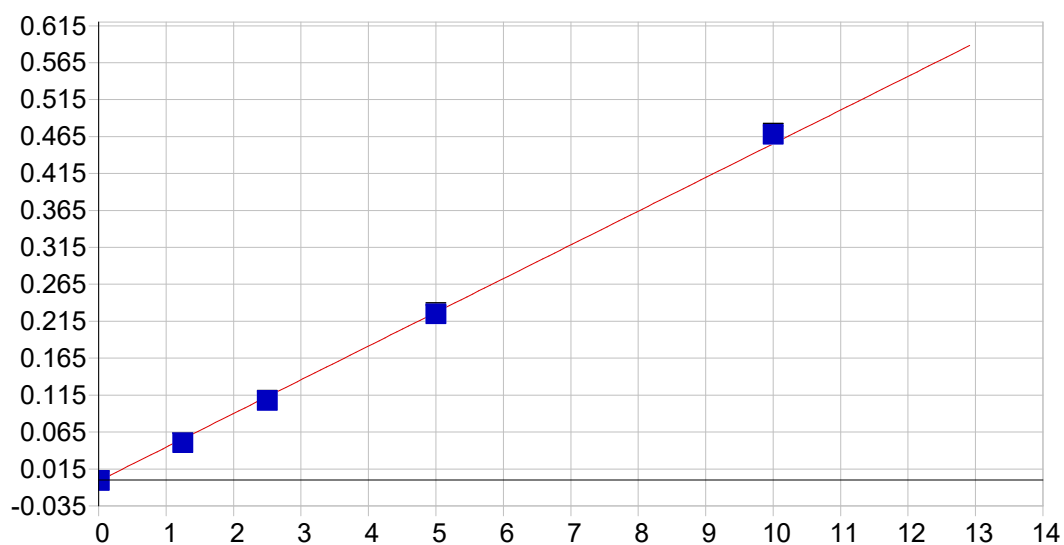


K 769.896 { 44}

Date of Fit: 10/13/2023 18:00:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005332 Re-Slope: 1.000000  
 A1 (Gain): 0.027978 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999893 Status: OK.  
 Std Error of Est: 0.000843  
 Predicted MDL: 0.064964  
 Predicted MQL: 0.216548

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00046      | .000       | .000    | .00535 | .001    | 1        |
| S1        | 5.0000       | 4.7560      | -.244      | -4.88   | .13840 | .002    | 1        |
| S2        | 37.500       | 36.362      | -1.14      | -3.03   | 1.0227 | .001    | 1        |
| S3        | 75.000       | 73.321      | -1.68      | -2.24   | 2.0567 | .001    | 1        |
| S4        | 150.00       | 149.74      | -.258      | -.172   | 4.1948 | .005    | 1        |
| S5        | 300.00       | 303.32      | 3.32       | 1.11    | 8.4916 | .056    | 1        |

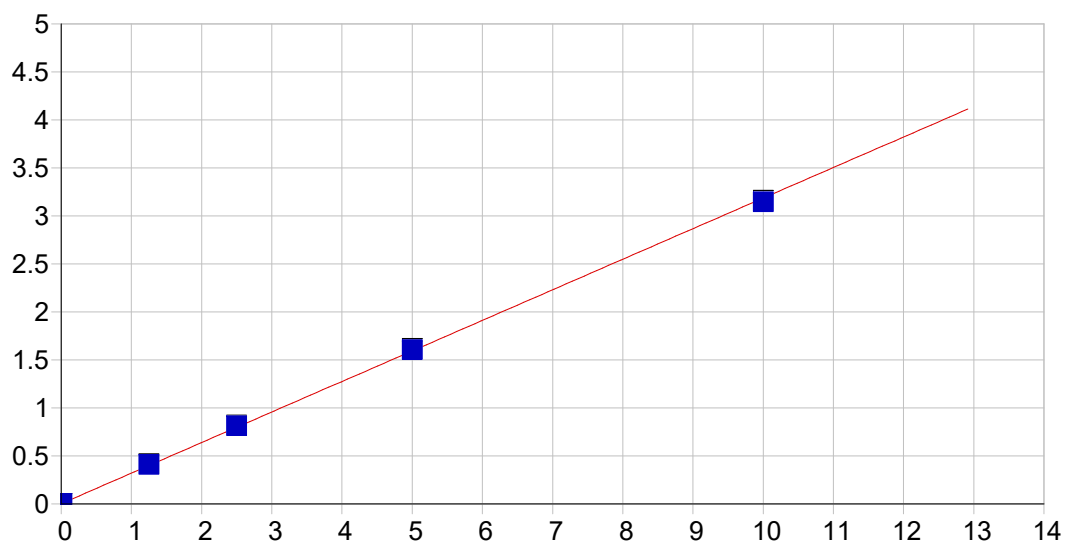


P 177.495 {490}

Date of Fit: 10/13/2023 18:00:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001237 Re-Slope: 1.000000  
 A1 (Gain): 0.045648 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999299 Status: OK.  
 Std Error of Est: 0.000029  
 Predicted MDL: 0.003651  
 Predicted MQL: 0.012170

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00124 | .000    | 1        |
| S1        | .01000       | .00589      | -.004      | -41.1   | -.00097 | .000    | 1        |
| S2        | 1.2500       | 1.1338      | -.116      | -9.30   | .05043  | .000    | 1        |
| S3        | 2.5000       | 2.3839      | -.116      | -4.64   | .10742  | .000    | 1        |
| S4        | 5.0000       | 4.9545      | -.045      | -.910   | .22459  | .002    | 1        |
| S5        | 10.000       | 10.282      | .282       | 2.82    | .46745  | .002    | 1        |



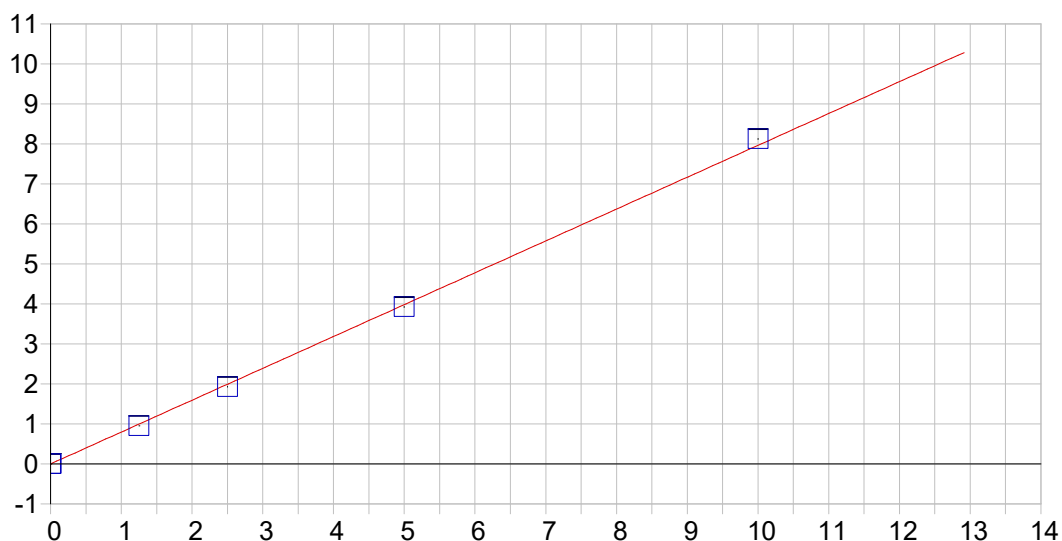
**B 249.678 {135}**

Date of Fit: 10/13/2023 18:00:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.002136 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.318318 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999895 | Status:   | OK.      |
| Std Error of Est: | 0.000077 |           |          |
| Predicted MDL:    | 0.001340 |           |          |
| Predicted MQL:    | 0.004468 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00214 | .000    | 1        |
| S1        | .01000       | .00992      | -.000      | -.822   | .00531 | .000    | 1        |
| S2        | 1.2500       | 1.2845      | .034       | 2.76    | .41056 | .005    | 1        |
| S3        | 2.5000       | 2.5526      | .053       | 2.10    | .81377 | .007    | 1        |
| S4        | 5.0000       | 5.0388      | .039       | .776    | 1.6043 | .014    | 1        |
| S5        | 10.000       | 9.8742      | -.126      | -1.26   | 3.1417 | .017    | 1        |



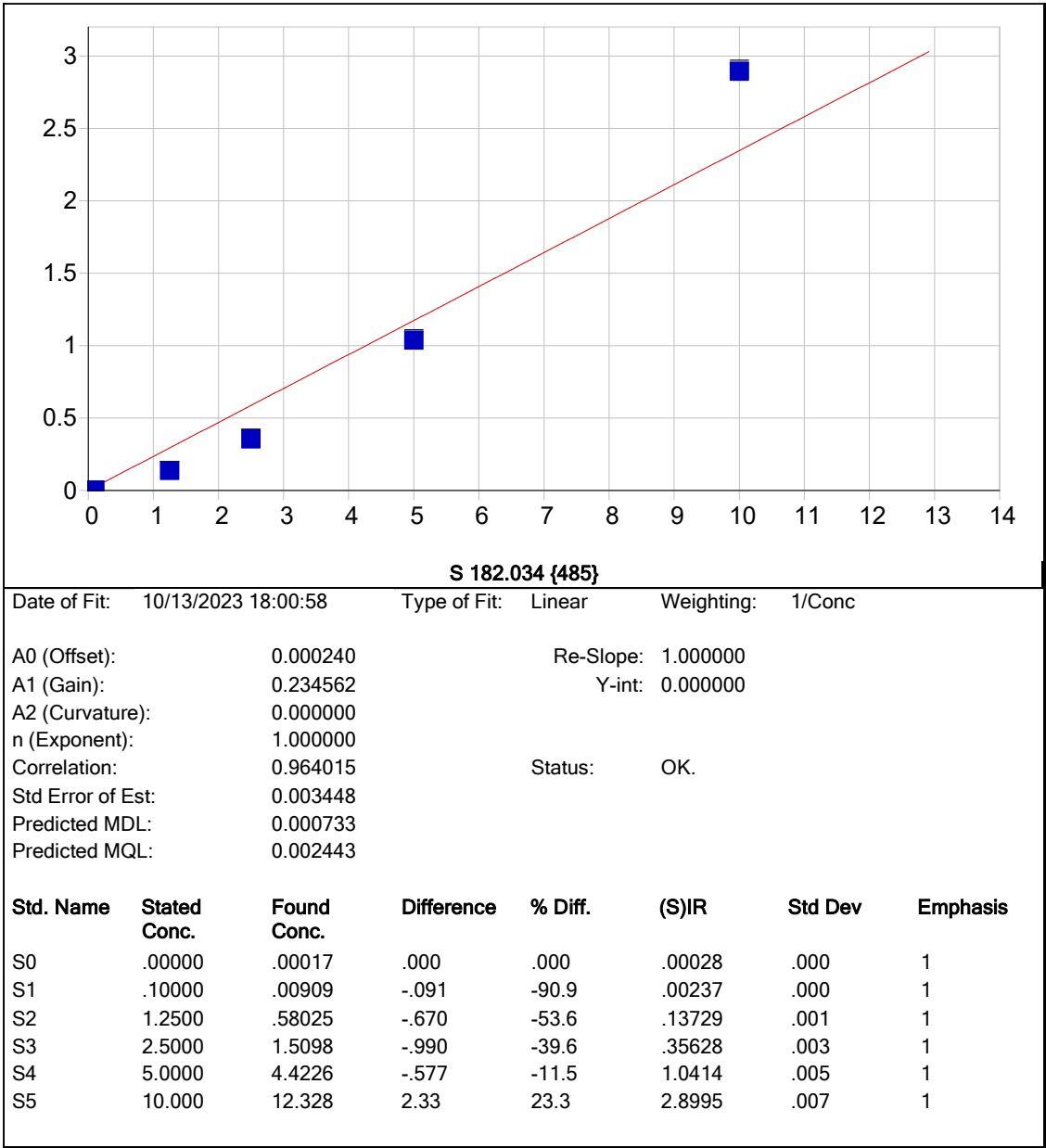


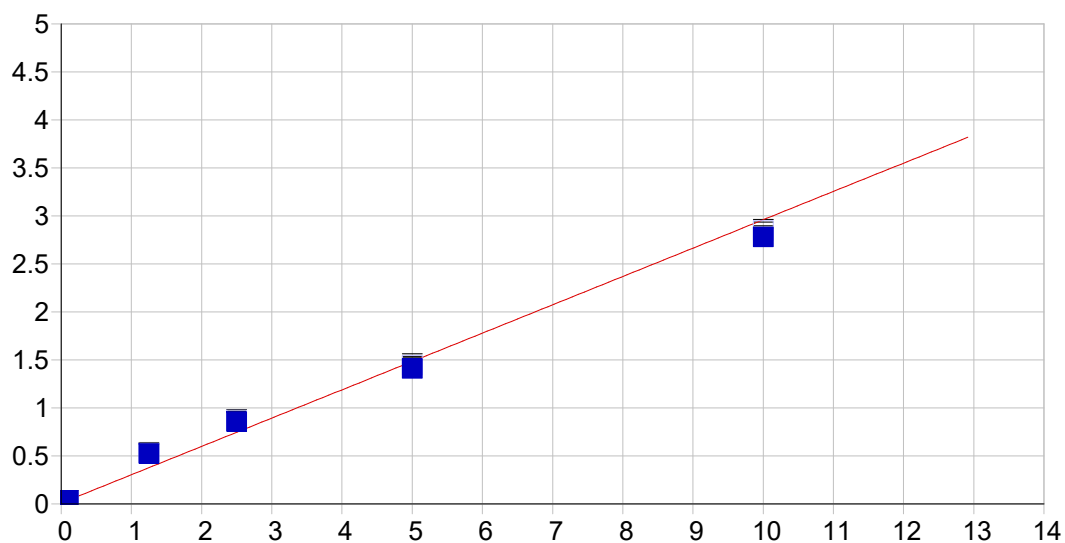
Mo 202.030 {467}

Date of Fit: 10/13/2023 18:00:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000345 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.796409  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999737  | Status:   | OK.      |
| Std Error of Est: | 0.000306  |           |          |
| Predicted MDL:    | 0.000446  |           |          |
| Predicted MQL:    | 0.001488  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00034 | .000    | 1        |
| S1        | .01000       | .00992      | -.000      | -.760   | .00756  | .000    | 1        |
| S2        | 1.2500       | 1.1948      | -.055      | -4.41   | .95123  | .002    | 1        |
| S3        | 2.5000       | 2.4226      | -.077      | -3.09   | 1.9291  | .006    | 1        |
| S4        | 5.0000       | 4.9306      | -.069      | -1.39   | 3.9264  | .010    | 1        |
| S5        | 10.000       | 10.202      | .202       | 2.02    | 8.1247  | .015    | 1        |



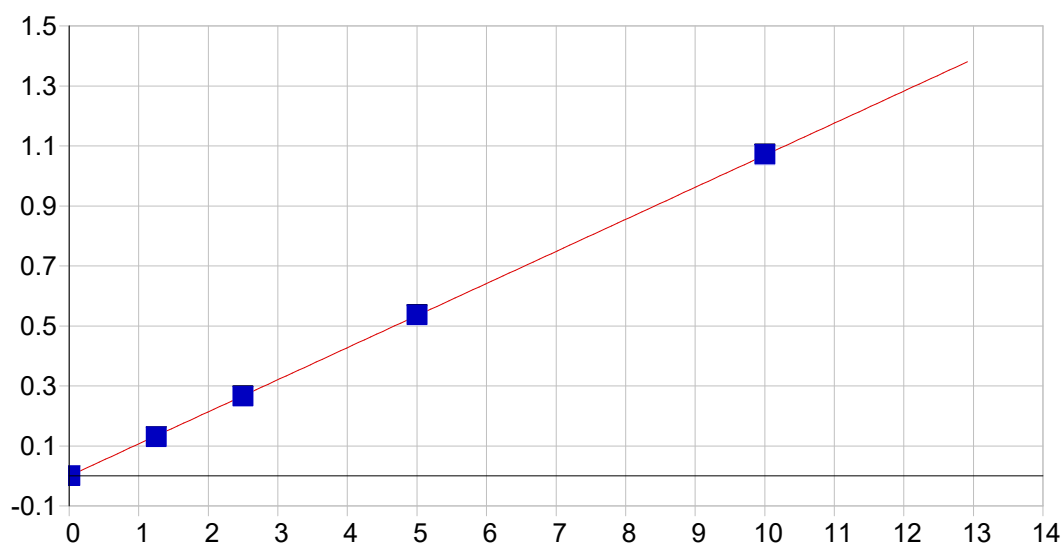


Si 251.611 {134}

Date of Fit: 10/13/2023 18:00:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008498 Re-Slope: 1.000000  
 A1 (Gain): 0.295082 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.992497 Status: OK.  
 Std Error of Est: 0.001976  
 Predicted MDL: 0.001409  
 Predicted MQL: 0.004697

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00004     | -.000      | .000    | .00849 | .000    | 1        |
| S1        | .10000       | .09348      | -.007      | -6.52   | .03650 | .000    | 1        |
| S2        | 1.2500       | 1.7434      | .493       | 39.5    | .53130 | .005    | 1        |
| S3        | 2.5000       | 2.8696      | .370       | 14.8    | .87202 | .009    | 1        |
| S4        | 5.0000       | 4.7528      | -.247      | -4.94   | 1.4444 | .016    | 1        |
| S5        | 10.000       | 9.3907      | -.609      | -6.09   | 2.8465 | .013    | 1        |

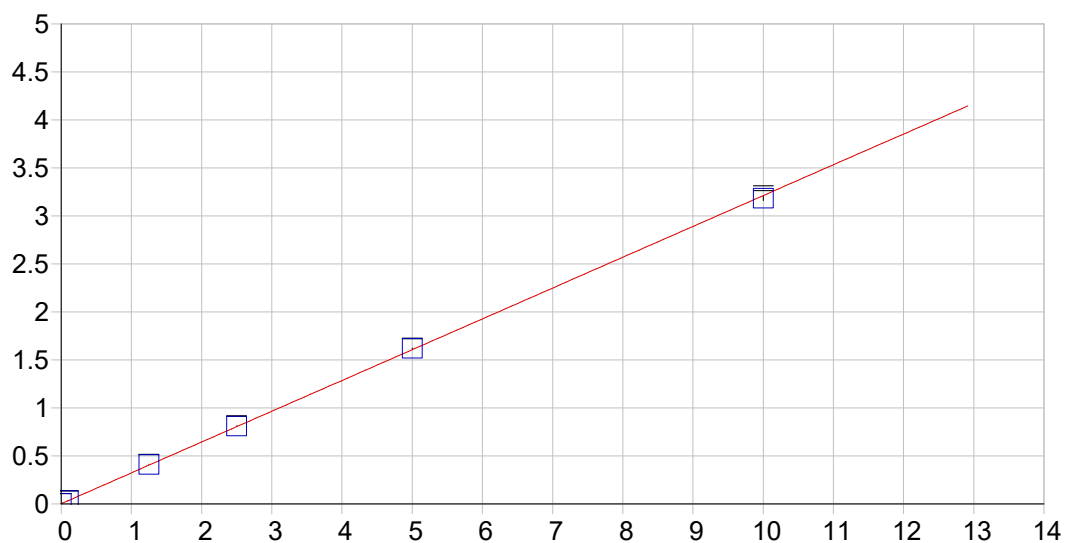


**Sn 189.989 {478}**

Date of Fit: 10/13/2023 18:00:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000063 Re-Slope: 1.000000  
 A1 (Gain): 0.106891 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999964 Status: OK.  
 Std Error of Est: 0.000013  
 Predicted MDL: 0.001593  
 Predicted MQL: 0.005310

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00006 | .000    | 1        |
| S1        | .00700       | .00610      | -.001      | -12.8   | .00056  | .000    | 1        |
| S2        | 1.2500       | 1.2156      | -.034      | -2.75   | .12949  | .001    | 1        |
| S3        | 2.5000       | 2.4847      | -.015      | -.610   | .26475  | .001    | 1        |
| S4        | 5.0000       | 5.0203      | .020       | .406    | .53500  | .001    | 1        |
| S5        | 10.000       | 10.030      | .030       | .302    | 1.0690  | .001    | 1        |

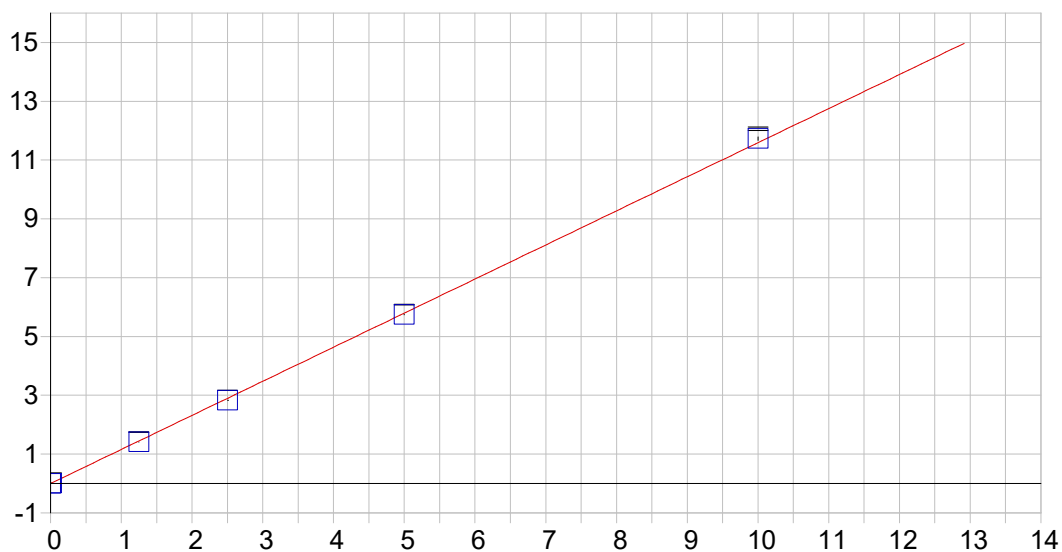


**Ti 336.121 {100}**

Date of Fit: 10/13/2023 18:00:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.002398 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.320874 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999957 | Status:   | OK.      |
| Std Error of Est: | 0.000159 |           |          |
| Predicted MDL:    | 0.001504 |           |          |
| Predicted MQL:    | 0.005013 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00240 | .000    | 1        |
| S1        | .10000       | .09904      | -.001      | -.961   | .03418 | .000    | 1        |
| S2        | 1.2500       | 1.2729      | .023       | 1.83    | .41082 | .001    | 1        |
| S3        | 2.5000       | 2.5188      | .019       | .751    | .81061 | .002    | 1        |
| S4        | 5.0000       | 5.0430      | .043       | .860    | 1.6206 | .003    | 1        |
| S5        | 10.000       | 9.9163      | -.084      | -.837   | 3.1843 | .025    | 1        |

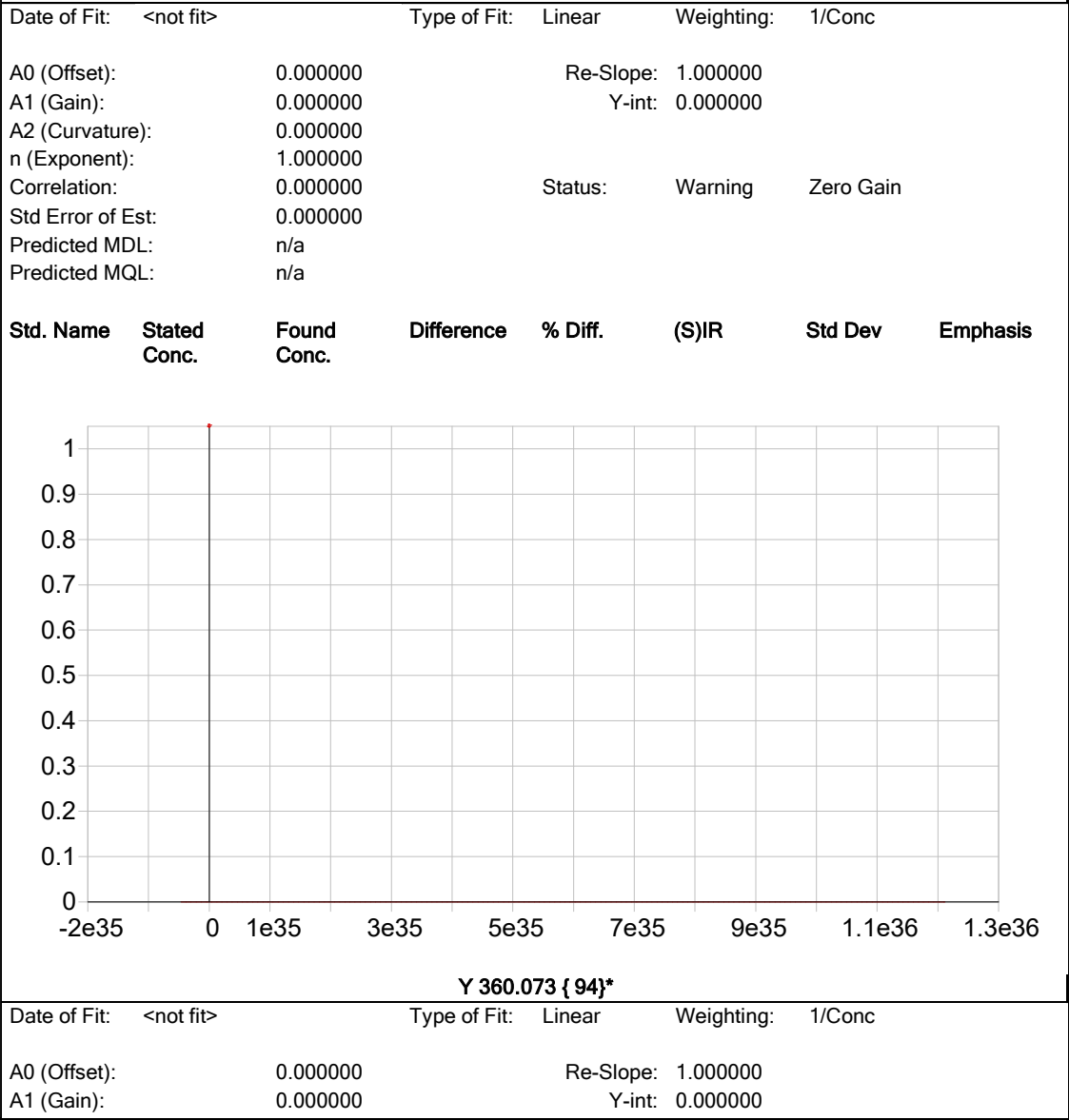
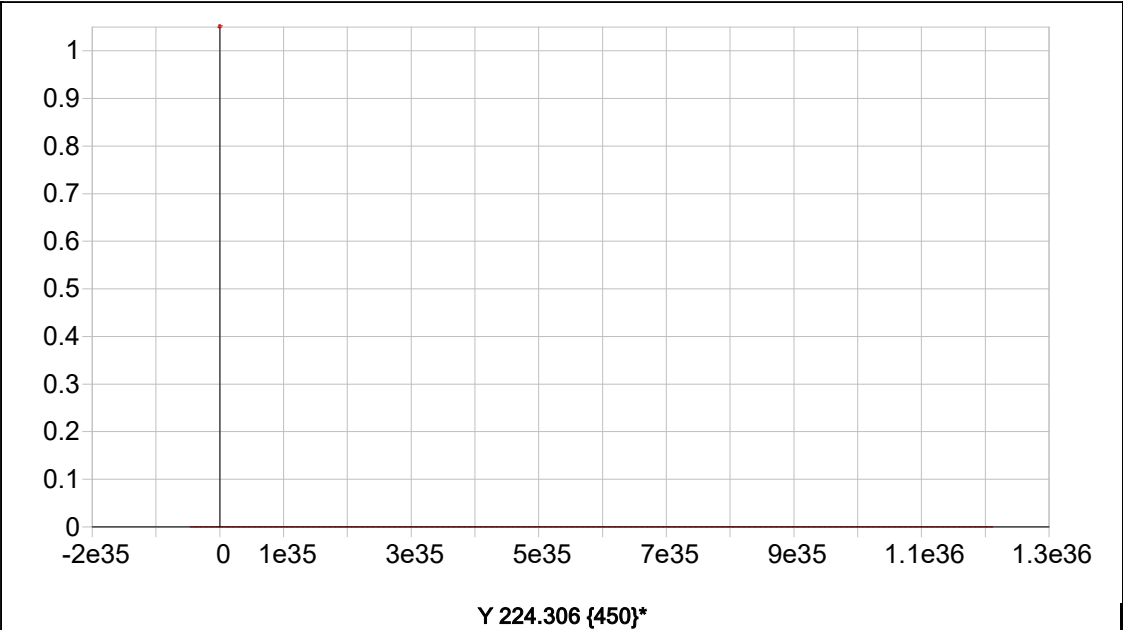


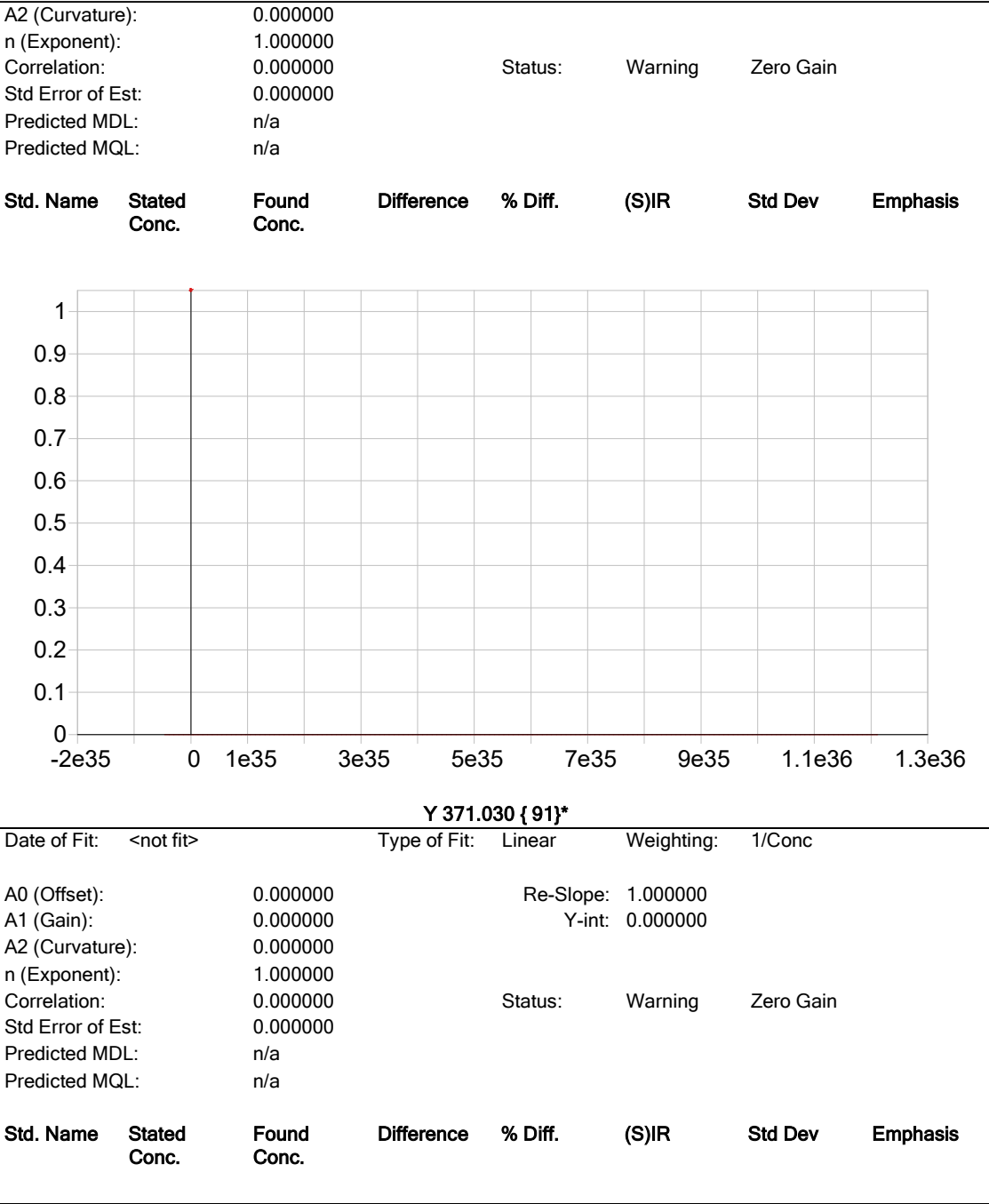
Li 670.784 { 50}

Date of Fit: 10/13/2023 18:00:58 Type of Fit: Linear Weighting: 1/Conc

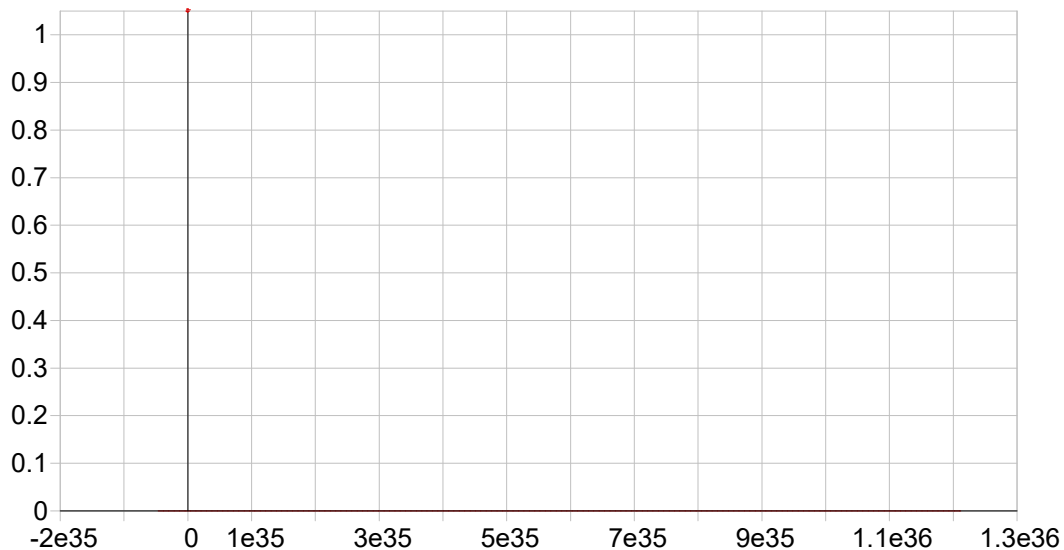
A0 (Offset): -0.001215 Re-Slope: 1.000000  
 A1 (Gain): 1.159243 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999900 Status: OK.  
 Std Error of Est: 0.000337  
 Predicted MDL: 0.001738  
 Predicted MQL: 0.005795

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00122 | .001    | 1        |
| S5        | 10.000       | 10.121      | .121       | 1.21    | 11.732  | .061    | 1        |
| S4        | 5.0000       | 4.9620      | -.038      | -.760   | 5.7509  | .010    | 1        |
| S3        | 2.5000       | 2.4443      | -.056      | -2.23   | 2.8323  | .004    | 1        |
| S2        | 1.2500       | 1.2213      | -.029      | -2.30   | 1.4146  | .005    | 1        |
| S1        | .01500       | .01616      | .001       | 7.71    | .01751  | .002    | 1        |









**Y 224.306 {150}\***

| 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       |              |           |            |           |

**In 230.606 {446}\***

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

