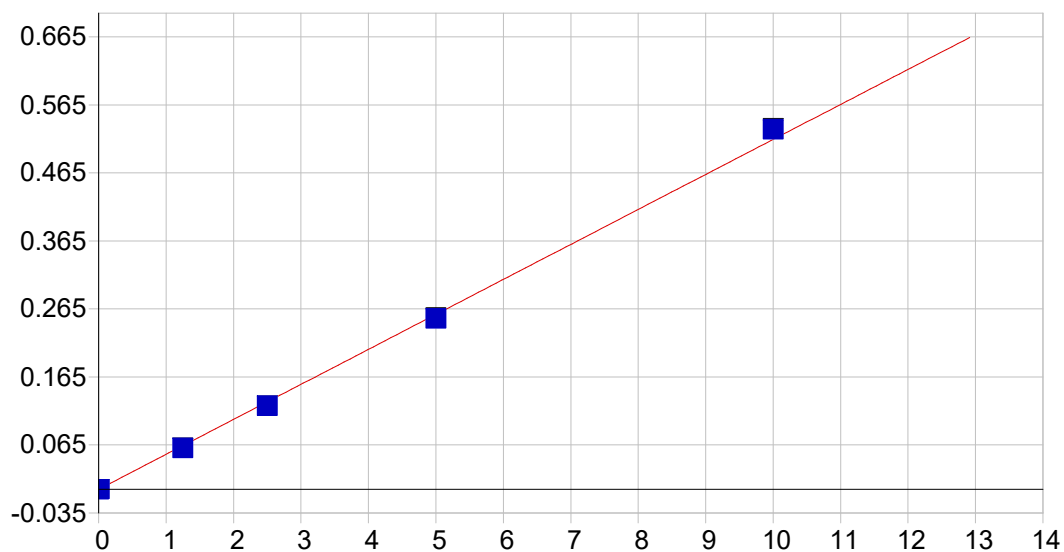


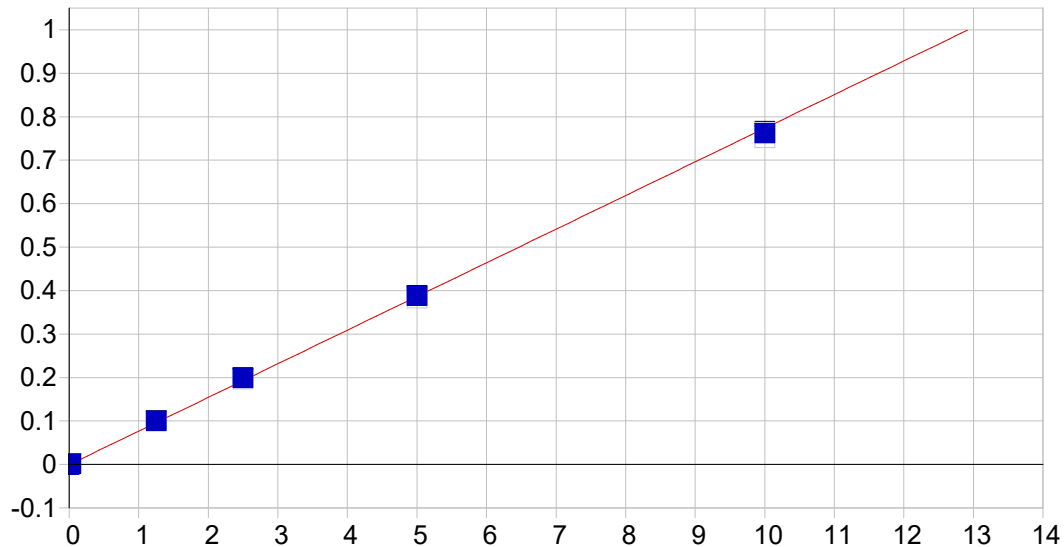


### As 189.042 {479}

Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000269 Re-Slope: 1.000000  
 A1 (Gain): 0.051455 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999465 Status: OK.  
 Std Error of Est: 0.000028  
 Predicted MDL: 0.004109  
 Predicted MQL: 0.013696

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00027 | .000    | 1        |
| S1        | .01000       | .01020      | .000       | 1.98    | .00025  | .000    | 1        |
| S2        | 1.2500       | 1.1793      | -.071      | -5.65   | .06037  | .000    | 1        |
| S3        | 2.5000       | 2.3893      | -.111      | -4.43   | .12258  | .000    | 1        |
| S4        | 5.0000       | 4.8876      | -.112      | -2.25   | .25104  | .001    | 1        |
| S5        | 10.000       | 10.294      | .294       | 2.94    | .52901  | .001    | 1        |

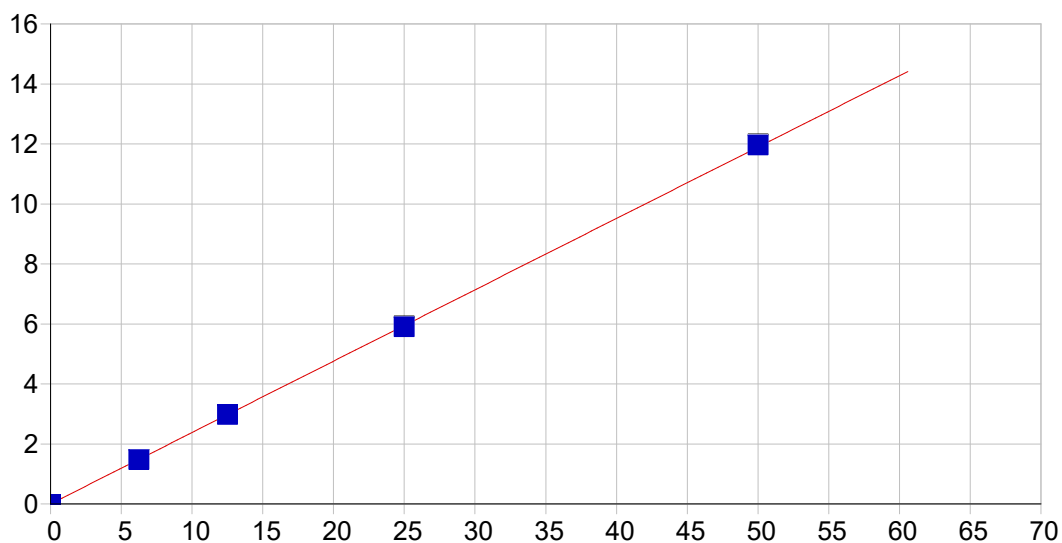


TI 190.856 {477}

Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000608 Re-Slope: 1.000000  
 A1 (Gain): 0.077414 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999814 Status: OK.  
 Std Error of Est: 0.000039  
 Predicted MDL: 0.002541  
 Predicted MQL: 0.008470

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00061 | .000    | 1        |
| S1        | .02500       | .02727      | .002       | 9.06    | .00139  | .000    | 1        |
| S2        | 1.2500       | 1.3009      | .051       | 4.07    | .09870  | .000    | 1        |
| S3        | 2.5000       | 2.5753      | .075       | 3.01    | .19596  | .001    | 1        |
| S4        | 5.0000       | 5.0186      | .019       | .372    | .38230  | .001    | 1        |
| S5        | 10.000       | 9.8531      | -.147      | -1.47   | .75097  | .004    | 1        |

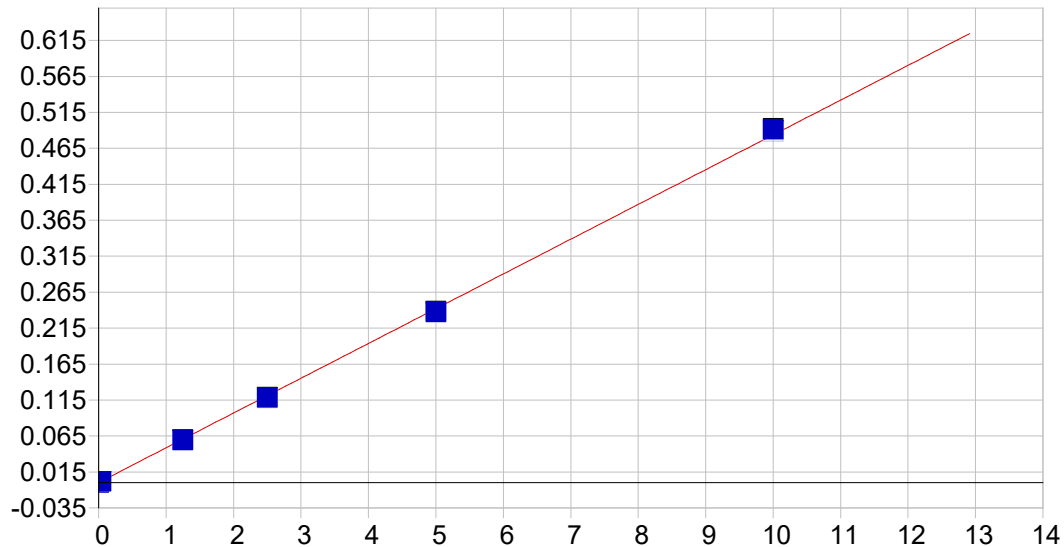


### Pb 220.353 {453}

Date of Fit: 09/22/2022 15:44:02      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.000673      Re-Slope: 1.000000  
 A1 (Gain): 0.237871      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999981      Status: OK.  
 Std Error of Est: 0.000055  
 Predicted MDL: 0.001746  
 Predicted MQL: 0.005821

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00067 | .000    | 1        |
| S1        | .01000       | .00999      | -.000      | -.104   | .00306 | .000    | 1        |
| S2        | 6.2500       | 6.2040      | -.046      | -.736   | 1.4792 | .006    | 1        |
| S3        | 12.500       | 12.491      | -.009      | -.073   | 2.9775 | .001    | 1        |
| S4        | 25.000       | 24.787      | -.213      | -.852   | 5.9080 | .020    | 1        |
| S5        | 50.000       | 50.268      | .268       | .537    | 11.981 | .017    | 1        |

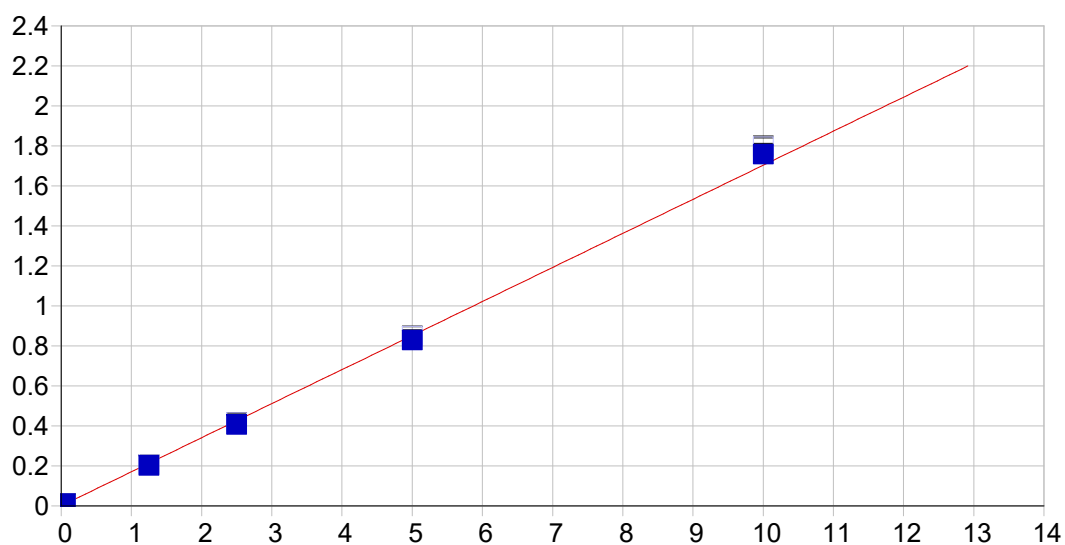


Se 196.090 {472}

Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000262 Re-Slope: 1.000000  
 A1 (Gain): 0.048340 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999842 Status: OK.  
 Std Error of Est: 0.000027  
 Predicted MDL: 0.004866  
 Predicted MQL: 0.016219

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00026 | .000    | 1        |
| S1        | .03500       | .03699      | .002       | 5.67    | .00205 | .000    | 1        |
| S2        | 1.2500       | 1.2210      | -.029      | -2.32   | .05887 | .000    | 1        |
| S3        | 2.5000       | 2.4483      | -.052      | -2.07   | .11779 | .000    | 1        |
| S4        | 5.0000       | 4.9169      | -.083      | -1.66   | .23629 | .001    | 1        |
| S5        | 10.000       | 10.162      | .162       | 1.62    | .48818 | .001    | 1        |

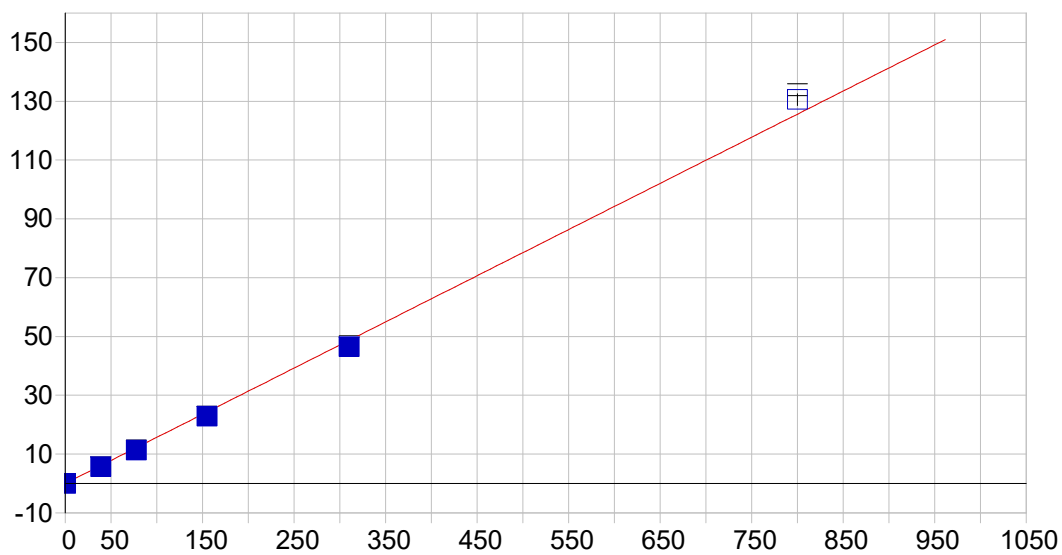


**Sb 206.833 {463}**

Date of Fit: 09/22/2022 15:44:02      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000393 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.170278 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999408 | Status:   | OK.      |
| Std Error of Est: | 0.000246 |           |          |
| Predicted MDL:    | 0.001962 |           |          |
| Predicted MQL:    | 0.006539 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00039 | .000    | 1        |
| S1        | .06000       | .05988      | -.000      | -.204   | .01060 | .000    | 1        |
| S2        | 1.2500       | 1.1796      | -.070      | -5.63   | .20594 | .001    | 1        |
| S3        | 2.5000       | 2.3836      | -.116      | -4.65   | .41564 | .001    | 1        |
| S4        | 5.0000       | 4.8661      | -.134      | -2.68   | .84770 | .002    | 1        |
| S5        | 10.000       | 10.321      | .321       | 3.21    | 1.7953 | .005    | 1        |

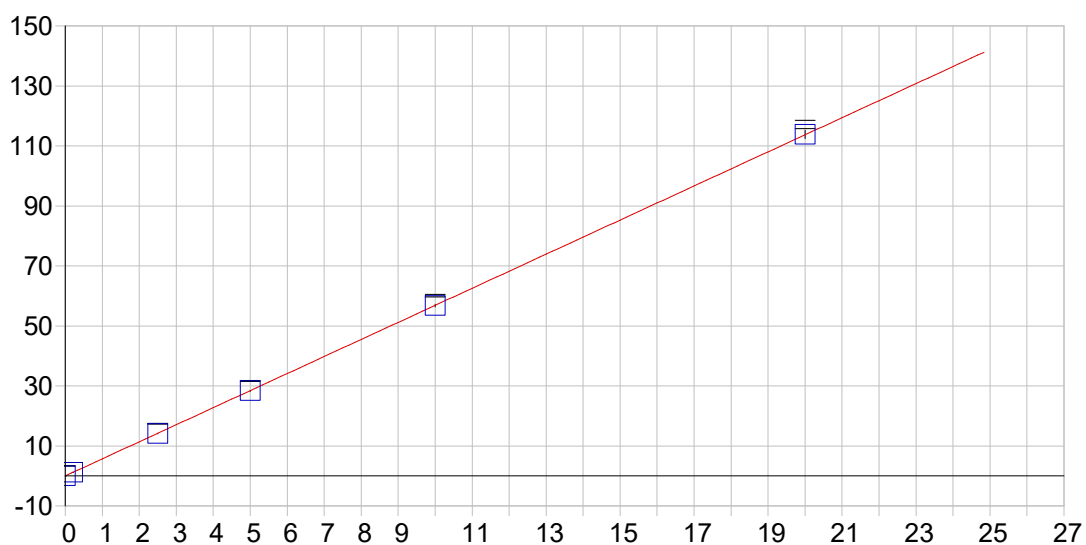


AI 396.152 { 85}

Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000375 Re-Slope: 1.000000  
 A1 (Gain): 0.157035 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998898 Status: OK.  
 Std Error of Est: 0.004588  
 Predicted MDL: 0.008354  
 Predicted MQL: 0.027847

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00003      | .000       | .000    | .00038 | .000    | 1        |
| S1        | .20000       | .21190      | .012       | 5.95    | .03371 | .000    | 1        |
| S2        | 38.750       | 36.032      | -2.72      | -7.01   | 5.6655 | .014    | 1        |
| S3        | 77.500       | 71.924      | -5.58      | -7.19   | 11.309 | .031    | 1        |
| S4        | 155.00       | 145.37      | -9.63      | -6.21   | 22.856 | .046    | 1        |
| S5        | 310.00       | 296.28      | -13.7      | -4.43   | 46.581 | .219    | 1        |
| S6        | 800.00       | 831.67      | 31.7       | 3.96    | 130.60 | 2.02    | 1        |

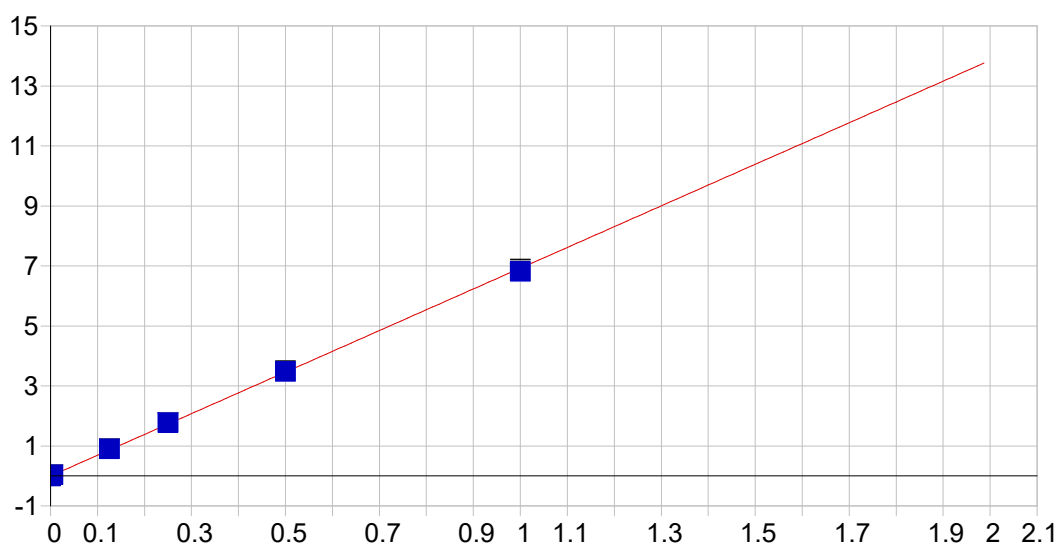


**Ba 493.409 { 68}**

Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000360 Re-Slope: 1.000000  
 A1 (Gain): 5.685548 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999997 Status: OK.  
 Std Error of Est: 0.001491  
 Predicted MDL: 0.000448  
 Predicted MQL: 0.001492

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00038 | .003    | 1        |
| S1        | .20000       | .20483      | .005       | 2.42    | 1.1642  | .010    | 1        |
| S2        | 2.5000       | 2.4876      | -.012      | -.498   | 14.143  | .115    | 1        |
| S3        | 5.0000       | 4.9949      | -.005      | -.102   | 28.398  | .159    | 1        |
| S4        | 10.000       | 9.9879      | -.012      | -.121   | 56.786  | .406    | 1        |
| S5        | 20.000       | 20.025      | .025       | .124    | 113.85  | 1.36    | 1        |



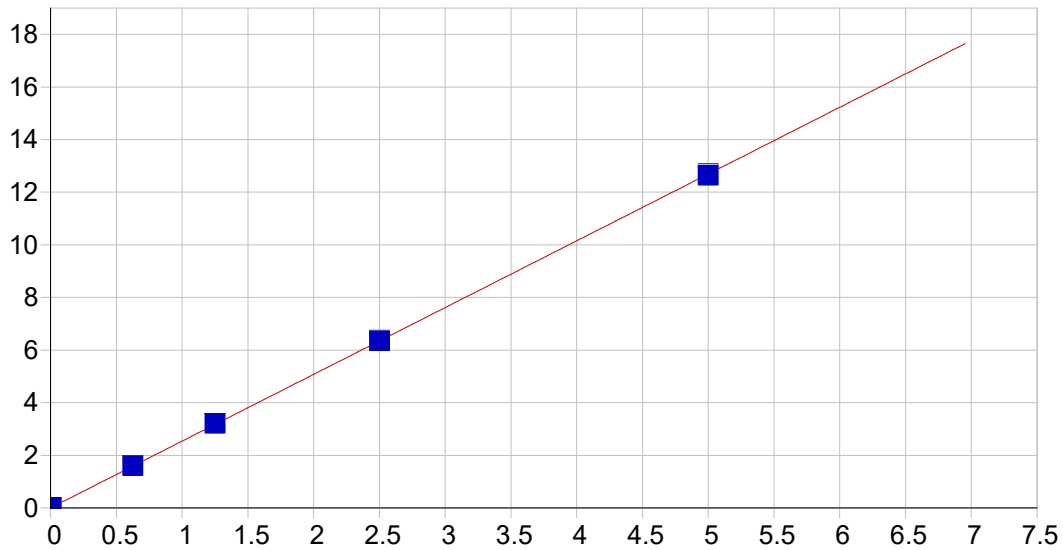
**Be 234.861 {144}**

Date of Fit: 09/22/2022 15:44:02      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.002910 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 6.926563  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999812  | Status:   | OK.      |
| Std Error of Est: | 0.000503  |           |          |
| Predicted MDL:    | 0.000072  |           |          |
| Predicted MQL:    | 0.000239  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00292 | .000    | 1        |
| S1        | .00500       | .00553      | .001       | 10.5    | .03534  | .001    | 1        |
| S2        | .12500       | .12978      | .005       | 3.83    | .89348  | .008    | 1        |
| S3        | .25000       | .25695      | .007       | 2.78    | 1.7717  | .002    | 1        |
| S4        | .50000       | .50349      | .003       | .698    | 3.4742  | .017    | 1        |
| S5        | 1.0000       | .98425      | -.016      | -1.57   | 6.7940  | .076    | 1        |



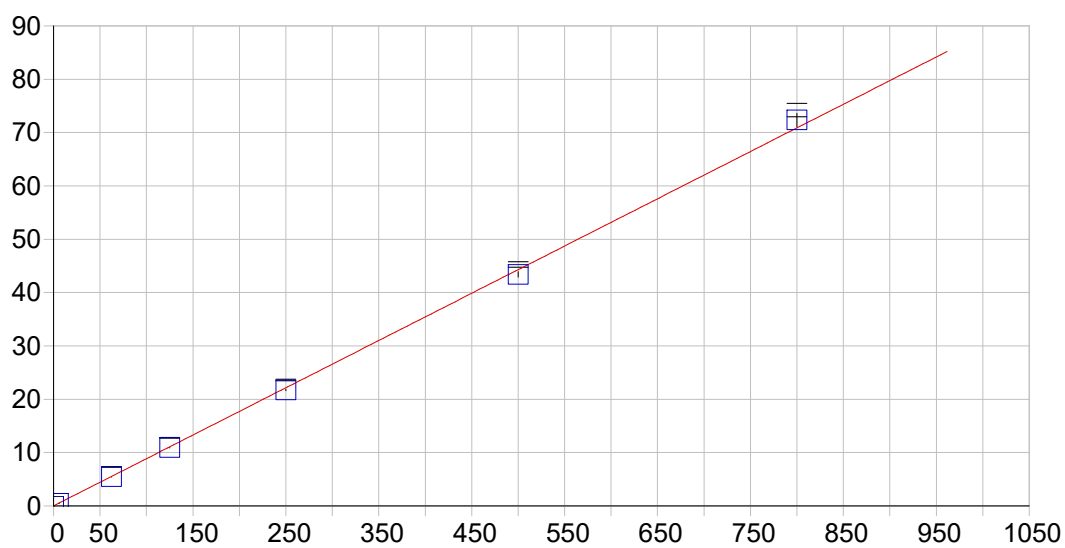


**Cd 214.438 {457}**

Date of Fit: 09/22/2022 15:44:02      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000498 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.538319 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999986 | Status:   | OK.      |
| Std Error of Est: | 0.000114 |           |          |
| Predicted MDL:    | 0.000100 |           |          |
| Predicted MQL:    | 0.000335 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00050 | .000    | 1        |
| S1        | .00500       | .00526      | .000       | 5.28    | .01387 | .000    | 1        |
| S2        | .62500       | .63085      | .006       | .936    | 1.6055 | .005    | 1        |
| S3        | 1.2500       | 1.2626      | .013       | 1.01    | 3.2129 | .002    | 1        |
| S4        | 2.5000       | 2.5006      | .001       | .023    | 6.3626 | .011    | 1        |
| S5        | 5.0000       | 4.9807      | -.019      | -.386   | 12.673 | .030    | 1        |

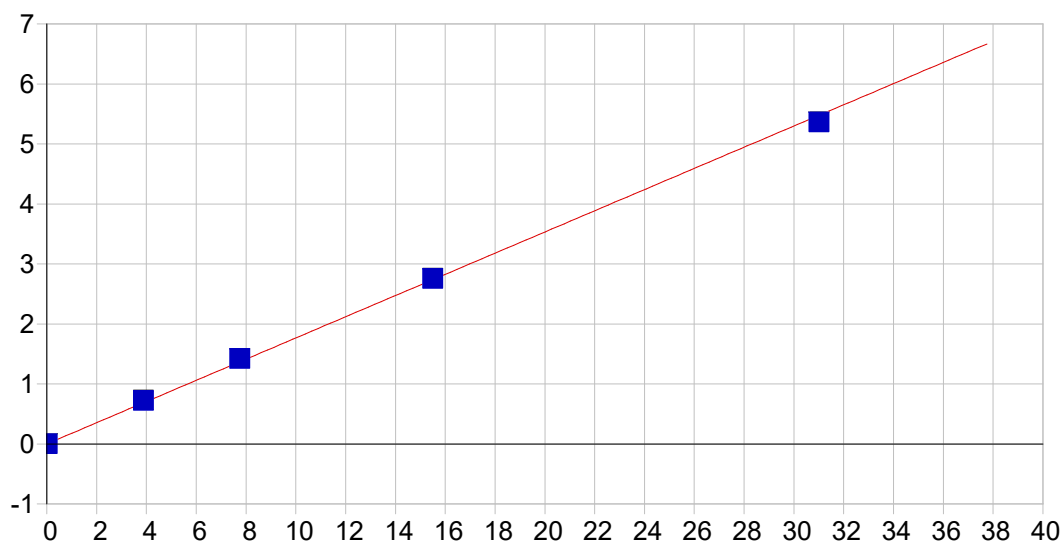


Ca 373.690 { 90}

Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001085 Re-Slope: 1.000000  
 A1 (Gain): 0.088600 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999800 Status: OK.  
 Std Error of Est: 0.006179  
 Predicted MDL: 0.013001  
 Predicted MQL: 0.043338

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00010     | -.000      | .000    | .00108 | .001    | 1        |
| S1        | 5.0000       | 5.3264      | .326       | 6.53    | .47301 | .005    | 1        |
| S2        | 62.500       | 61.566      | -.934      | -1.50   | 5.4558 | .049    | 1        |
| S3        | 125.00       | 123.52      | -1.48      | -1.18   | 10.945 | .062    | 1        |
| S4        | 250.00       | 245.36      | -4.64      | -1.86   | 21.740 | .152    | 1        |
| S5        | 500.00       | 489.92      | -10.1      | -2.02   | 43.408 | .488    | 1        |
| S6        | 800.00       | 816.81      | 16.8       | 2.10    | 72.370 | 1.25    | 1        |

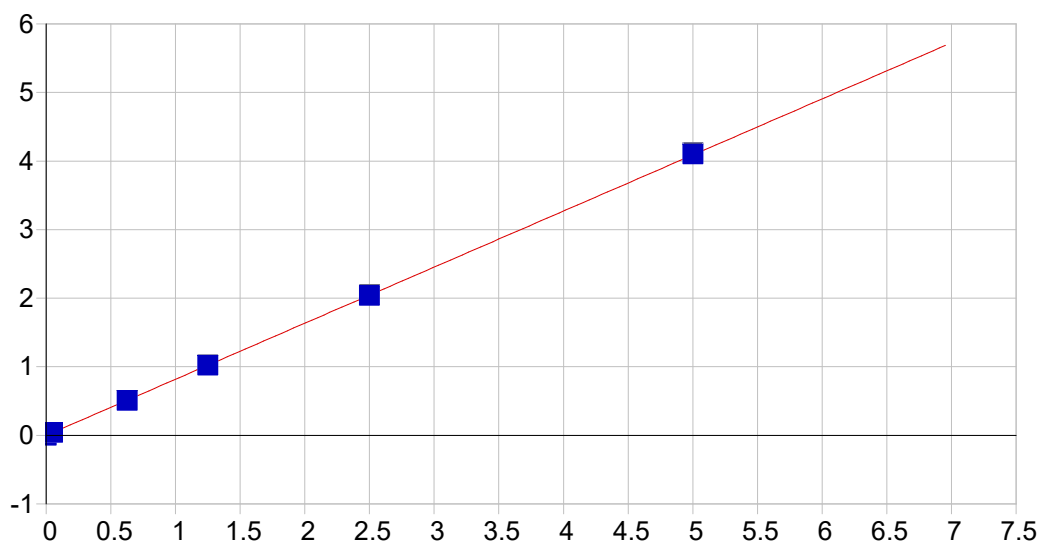


### Cr 267.716 {126}

Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000071 Re-Slope: 1.000000  
 A1 (Gain): 0.176634 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999679 Status: OK.  
 Std Error of Est: 0.000132  
 Predicted MDL: 0.000561  
 Predicted MQL: 0.001868

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00007 | .000    | 1        |
| S1        | .01000       | .01124      | .001       | 12.4    | .00192  | .000    | 1        |
| S2        | 3.8750       | 4.1017      | .227       | 5.85    | .72502  | .001    | 1        |
| S3        | 7.7500       | 8.0395      | .289       | 3.74    | 1.4212  | .003    | 1        |
| S4        | 15.500       | 15.604      | .104       | .672    | 2.7585  | .002    | 1        |
| S5        | 31.000       | 30.378      | -.622      | -2.01   | 5.3706  | .004    | 1        |

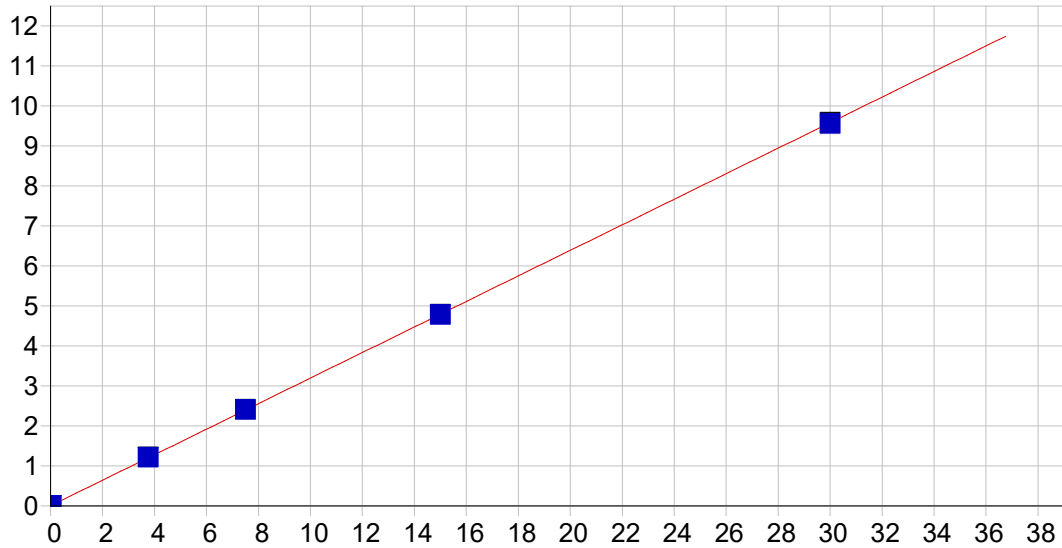


Co 228.616 {448}

Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000131 Re-Slope: 1.000000  
 A1 (Gain): 0.817742 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999991 Status: OK.  
 Std Error of Est: 0.000094  
 Predicted MDL: 0.000312  
 Predicted MQL: 0.001041

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00013 | .000    | 1        |
| S1        | .05000       | .05121      | .001       | 2.42    | .04191  | .000    | 1        |
| S2        | .62500       | .61887      | -.006      | -.980   | .50797  | .001    | 1        |
| S3        | 1.2500       | 1.2464      | -.004      | -.284   | 1.0232  | .002    | 1        |
| S4        | 2.5000       | 2.4921      | -.008      | -.316   | 2.0459  | .006    | 1        |
| S5        | 5.0000       | 5.0164      | .016       | .327    | 4.1182  | .007    | 1        |

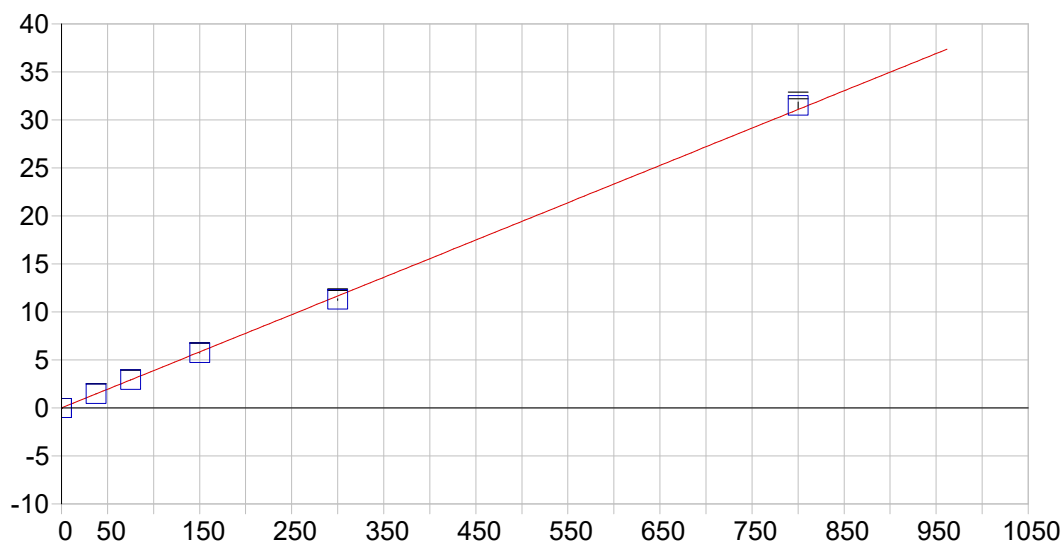


**Cu 324.754 {104}**

Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002385 Re-Slope: 1.000000  
 A1 (Gain): 0.319435 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999982 Status: OK.  
 Std Error of Est: 0.000088  
 Predicted MDL: 0.002247  
 Predicted MQL: 0.007491

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00238 | .000    | 1        |
| S1        | .02500       | .02940      | .004       | 17.6    | .01176 | .000    | 1        |
| S2        | 3.7500       | 3.8029      | .053       | 1.41    | 1.2154 | .003    | 1        |
| S3        | 7.5000       | 7.5434      | .043       | .578    | 2.4084 | .003    | 1        |
| S4        | 15.000       | 14.976      | -.024      | -.161   | 4.7791 | .010    | 1        |
| S5        | 30.000       | 29.924      | -.076      | -.255   | 9.5468 | .036    | 1        |

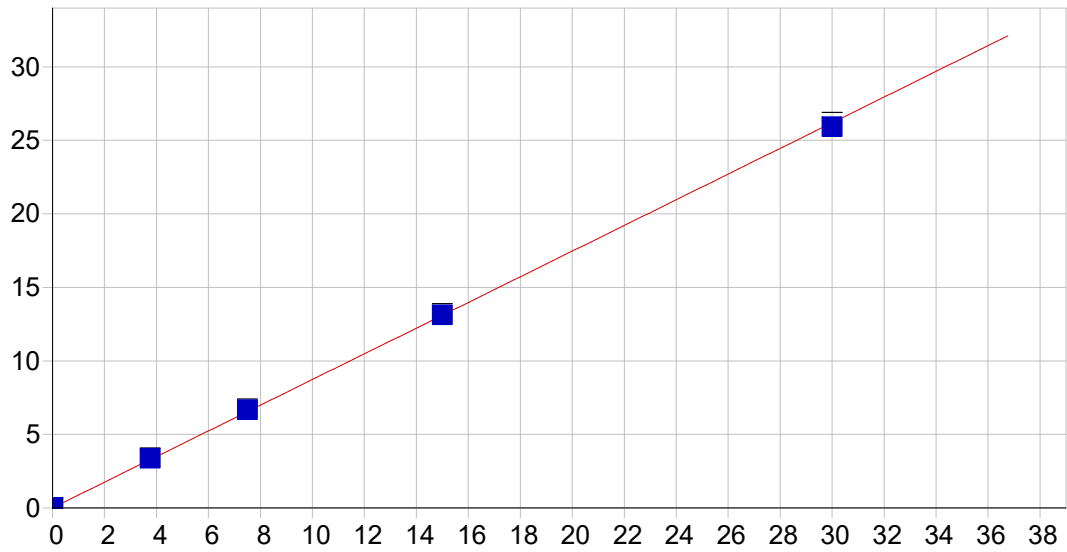


### Fe 259.837 {130}

Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000035 Re-Slope: 1.000000  
 A1 (Gain): 0.038860 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999817 Status: OK.  
 Std Error of Est: 0.000325  
 Predicted MDL: 0.008727  
 Predicted MQL: 0.029090

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | -.00004 | .000    | 1        |
| S1        | .10000       | .11632      | .016       | 16.3    | .00449  | .000    | 1        |
| S2        | 37.500       | 38.145      | .645       | 1.72    | 1.4823  | .011    | 1        |
| S3        | 75.000       | 75.336      | .336       | .448    | 2.9276  | .020    | 1        |
| S4        | 150.00       | 147.75      | -2.25      | -1.50   | 5.7417  | .031    | 1        |
| S5        | 300.00       | 290.44      | -9.56      | -3.19   | 11.287  | .091    | 1        |
| S6        | 800.00       | 810.81      | 10.8       | 1.35    | 31.508  | .345    | 1        |

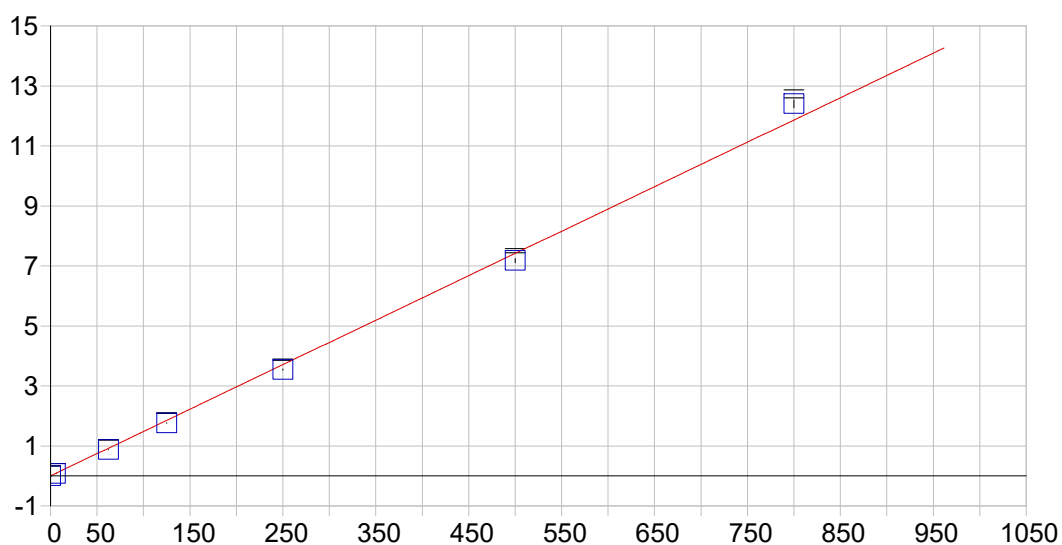


### Mn 257.610 {131}

Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000465 Re-Slope: 1.000000  
 A1 (Gain): 0.873318 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999906 Status: OK.  
 Std Error of Est: 0.000426  
 Predicted MDL: 0.000461  
 Predicted MQL: 0.001537

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00046 | .000    | 1        |
| S1        | .01500       | .01796      | .003       | 19.7    | .01615 | .000    | 1        |
| S2        | 3.7500       | 3.8623      | .112       | 3.00    | 3.3735 | .032    | 1        |
| S3        | 7.5000       | 7.6603      | .160       | 2.14    | 6.6903 | .045    | 1        |
| S4        | 15.000       | 15.031      | .031       | .205    | 13.127 | .090    | 1        |
| S5        | 30.000       | 29.694      | -.306      | -1.02   | 25.933 | .289    | 1        |



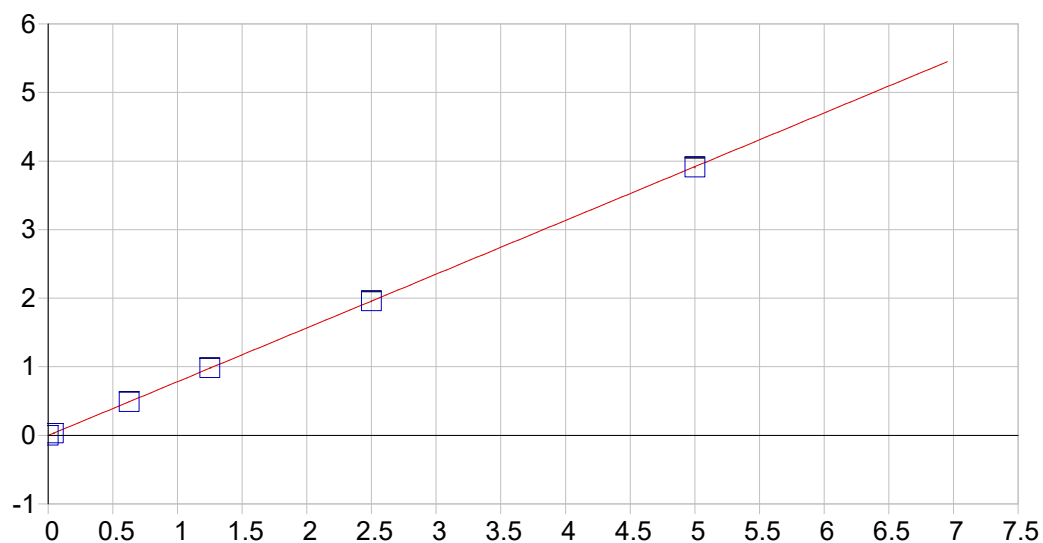
**Mg 279.079 {121}**

Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000373 Re-Slope: 1.000000  
 A1 (Gain): 0.014832 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999091 Status: OK.  
 Std Error of Est: 0.002208  
 Predicted MDL: 0.027227  
 Predicted MQL: 0.090755

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00046      | .000       | .000    | -.00037 | .000    | 1        |
| S1        | 5.0000       | 5.2170      | .217       | 4.34    | .07700  | .000    | 1        |
| S2        | 62.500       | 59.035      | -3.46      | -5.54   | .87522  | .005    | 1        |
| S3        | 125.00       | 118.90      | -6.10      | -4.88   | 1.7631  | .008    | 1        |
| S4        | 250.00       | 238.90      | -11.1      | -4.44   | 3.5429  | .017    | 1        |
| S5        | 500.00       | 483.96      | -16.0      | -3.21   | 7.1776  | .069    | 1        |
| S6        | 800.00       | 836.49      | 36.5       | 4.56    | 12.406  | .132    | 1        |



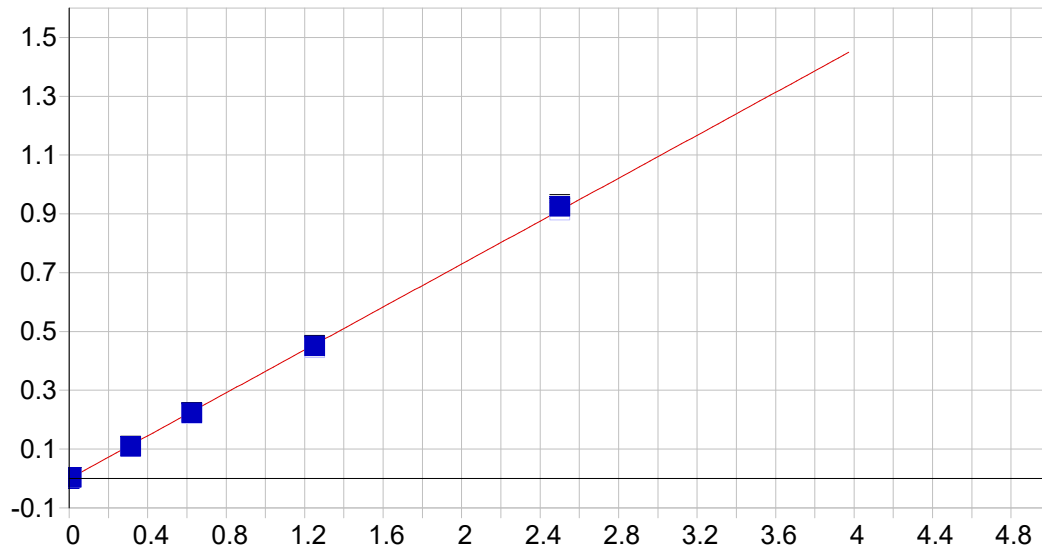


### Ni 231.604 {446}

Date of Fit: 09/22/2022 15:44:02      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001123 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.783797  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999991  | Status:   | OK.      |
| Std Error of Est: | 0.000078  |           |          |
| Predicted MDL:    | 0.000422  |           |          |
| Predicted MQL:    | 0.001408  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00112 | .000    | 1        |
| S1        | .04000       | .04194      | .002       | 4.85    | .03175  | .000    | 1        |
| S2        | .62500       | .62645      | .001       | .232    | .48989  | .002    | 1        |
| S3        | 1.2500       | 1.2576      | .008       | .611    | .98461  | .001    | 1        |
| S4        | 2.5000       | 2.4986      | -.001      | -.057   | 1.9573  | .007    | 1        |
| S5        | 5.0000       | 4.9904      | -.010      | -.192   | 3.9103  | .008    | 1        |

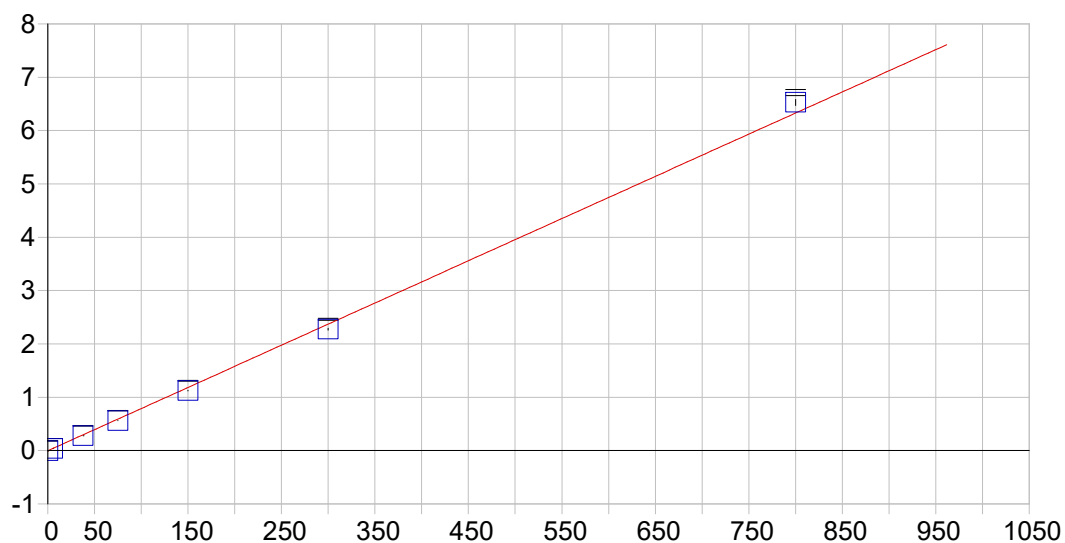


#### Ag 328.068 {103}

Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000560 Re-Slope: 1.000000  
 A1 (Gain): 0.364956 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999850 Status: OK.  
 Std Error of Est: 0.000052  
 Predicted MDL: 0.000453  
 Predicted MQL: 0.001511

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00056 | .000    | 1        |
| S1        | .01000       | .00985      | -.000      | -1.52   | .00302  | .000    | 1        |
| S2        | .31250       | .30111      | -.011      | -3.64   | .10764  | .000    | 1        |
| S3        | .62500       | .61237      | -.013      | -2.02   | .21955  | .001    | 1        |
| S4        | 1.2500       | 1.2369      | -.013      | -1.05   | .44410  | .003    | 1        |
| S5        | 2.5000       | 2.5373      | .037       | 1.49    | .91191  | .007    | 1        |

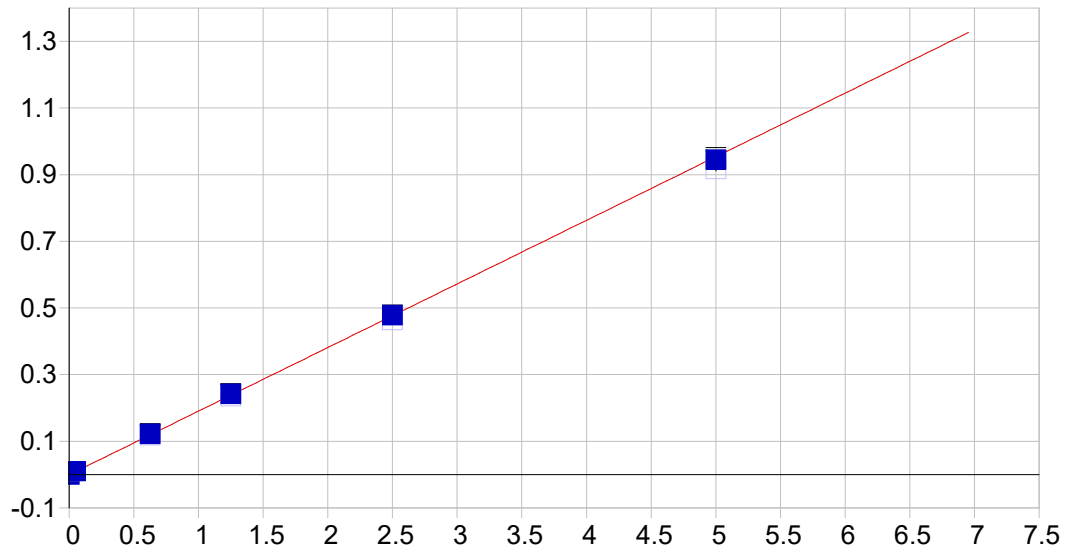


**Na 818.326 { 41}**

Date of Fit: 09/22/2022 15:44:02      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.003563 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.007916  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999284  | Status:   | OK.      |
| Std Error of Est: | 0.000926  |           |          |
| Predicted MDL:    | 0.244185  |           |          |
| Predicted MQL:    | 0.813949  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00054      | .001       | .000    | -.00356 | .002    | 1        |
| S1        | 5.0000       | 5.2748      | .275       | 5.50    | .03819  | .001    | 1        |
| S2        | 37.500       | 35.419      | -2.08      | -5.55   | .27681  | .001    | 1        |
| S3        | 75.000       | 71.336      | -3.66      | -4.89   | .56112  | .003    | 1        |
| S4        | 150.00       | 142.41      | -7.59      | -5.06   | 1.1238  | .004    | 1        |
| S5        | 300.00       | 287.99      | -12.0      | -4.00   | 2.2761  | .021    | 1        |
| S6        | 800.00       | 825.07      | 25.1       | 3.13    | 6.5276  | .056    | 1        |

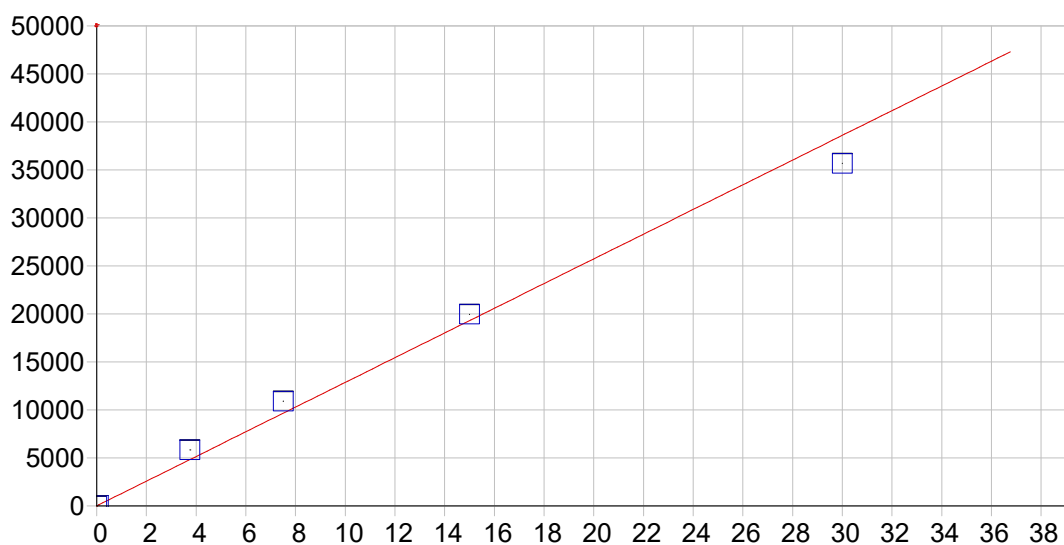


**V 292.402 {115}**

Date of Fit: 09/22/2022 15:44:02      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000367 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.190846  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999902  | Status:   | OK.      |
| Std Error of Est: | 0.000069  |           |          |
| Predicted MDL:    | 0.002843  |           |          |
| Predicted MQL:    | 0.009476  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00037 | .000    | 1        |
| S1        | .05000       | .05557      | .006       | 11.1    | .01022  | .001    | 1        |
| S2        | .62500       | .64083      | .016       | 2.53    | .11846  | .001    | 1        |
| S3        | 1.2500       | 1.2689      | .019       | 1.51    | .23484  | .001    | 1        |
| S4        | 2.5000       | 2.5057      | .006       | .226    | .46392  | .002    | 1        |
| S5        | 5.0000       | 4.9539      | -.046      | -.922   | .91725  | .006    | 1        |

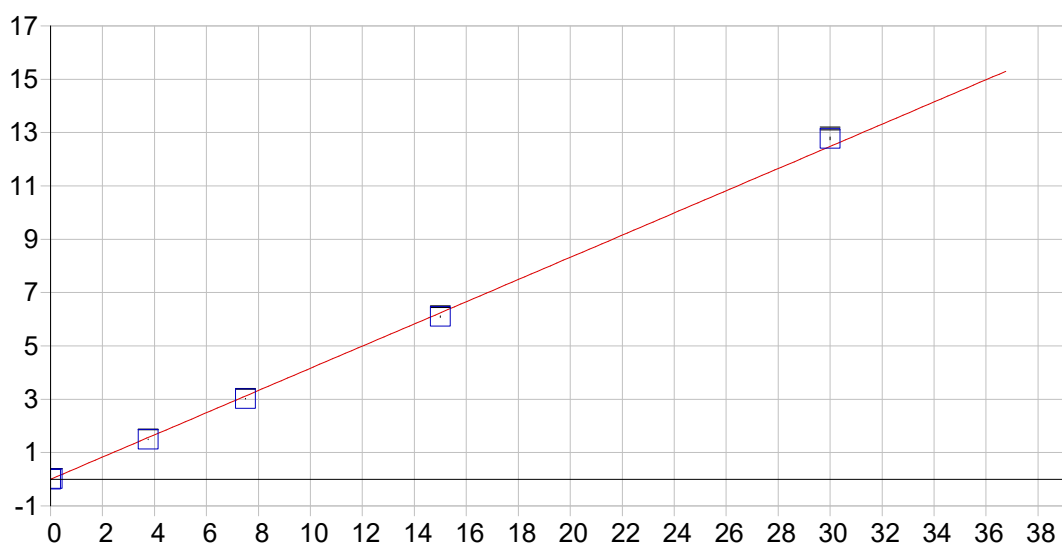


### Zn 206.200 {464}

Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2.590713 Re-Slope: 1.000000  
 A1 (Gain): 1286.535444 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.995728 Status: OK.  
 Std Error of Est: 8.488923  
 Predicted MDL: 0.000403  
 Predicted MQL: 0.001344

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00004     | -.000      | .000    | 2.5374 | .179    | 1        |
| S1        | .06000       | .08375      | .024       | 39.6    | 110.34 | 1.27    | 1        |
| S2        | 3.7500       | 4.5304      | .780       | 20.8    | 5831.1 | 10.3    | 1        |
| S3        | 7.5000       | 8.4620      | .962       | 12.8    | 10889. | 29.3    | 1        |
| S4        | 15.000       | 15.505      | .505       | 3.37    | 19951. | 14.3    | 1        |
| S5        | 30.000       | 27.728      | -2.27      | -7.57   | 35676. | 20.1    | 1        |

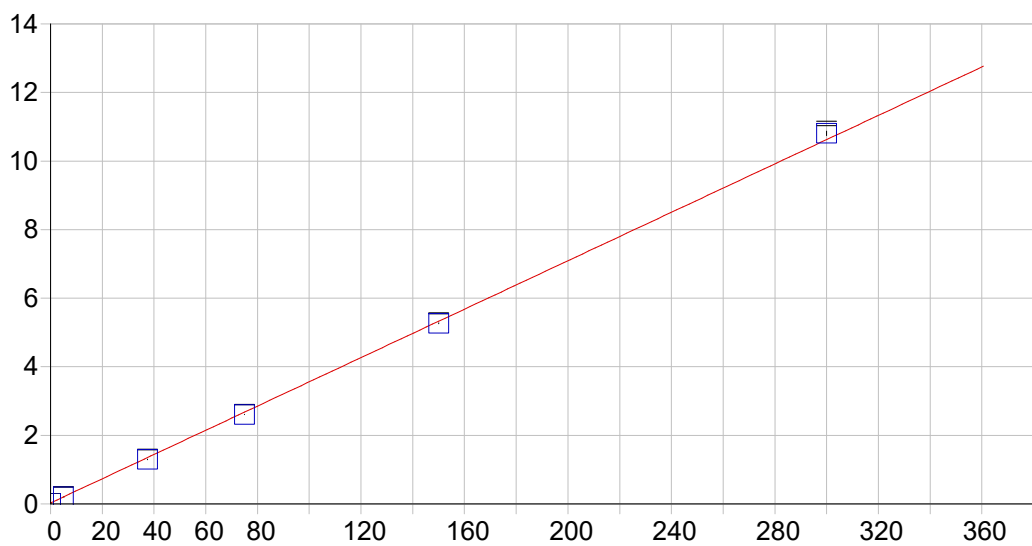


### Zn 213.856 {158}

Date of Fit: 09/22/2022 15:44:02      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): -0.000587      Re-Slope: 1.000000  
 A1 (Gain): 0.416104      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999661      Status: OK.  
 Std Error of Est: 0.000771  
 Predicted MDL: 0.002028  
 Predicted MQL: 0.006760

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00059 | .000    | 1        |
| S1        | .06000       | .06227      | .002       | 3.78    | .02532  | .002    | 1        |
| S2        | 3.7500       | 3.6066      | -.143      | -3.82   | 1.5001  | .013    | 1        |
| S3        | 7.5000       | 7.2591      | -.241      | -3.21   | 3.0199  | .007    | 1        |
| S4        | 15.000       | 14.663      | -.337      | -2.25   | 6.1006  | .033    | 1        |
| S5        | 30.000       | 30.719      | .719       | 2.40    | 12.782  | .050    | 1        |

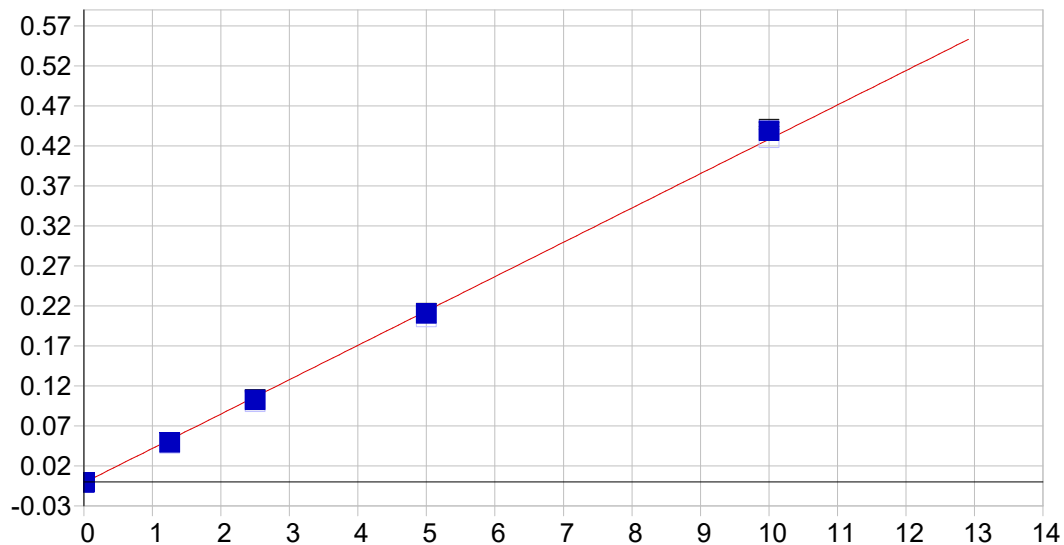


**K 769.896 { 44 }**

Date of Fit: 09/22/2022 15:44:02      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.028543 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.035320 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999799 | Status:   | OK.      |
| Std Error of Est: | 0.001461 |           |          |
| Predicted MDL:    | 0.057966 |           |          |
| Predicted MQL:    | 0.193221 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00030      | .000       | .000    | .02855 | .001    | 1        |
| S1        | 5.0000       | 5.0057      | .006       | .114    | .20535 | .002    | 1        |
| S2        | 37.500       | 35.973      | -1.53      | -4.07   | 1.2991 | .007    | 1        |
| S3        | 75.000       | 72.949      | -2.05      | -2.74   | 2.6051 | .004    | 1        |
| S4        | 150.00       | 148.33      | -1.67      | -1.11   | 5.2677 | .014    | 1        |
| S5        | 300.00       | 305.24      | 5.24       | 1.75    | 10.810 | .066    | 1        |



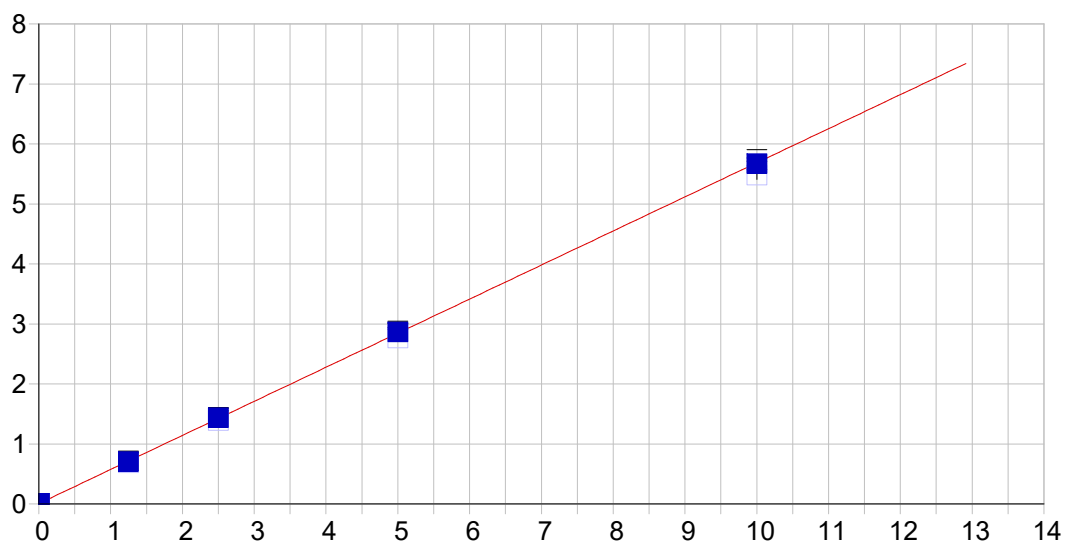
P 177.495 {490}

Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001006 Re-Slope: 1.000000  
 A1 (Gain): 0.042926 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999557 Status: OK.  
 Std Error of Est: 0.000021  
 Predicted MDL: 0.003399  
 Predicted MQL: 0.011329

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00101 | .000    | 1        |
| S1        | .01000       | .01244      | .002       | 24.4    | -.00048 | .000    | 1        |
| S2        | 1.2500       | 1.1719      | -.078      | -6.25   | .04819  | .000    | 1        |
| S3        | 2.5000       | 2.4077      | -.092      | -3.69   | .10014  | .000    | 1        |
| S4        | 5.0000       | 4.9246      | -.075      | -1.51   | .20597  | .000    | 1        |
| S5        | 10.000       | 10.243      | .243       | 2.43    | .42986  | .002    | 1        |



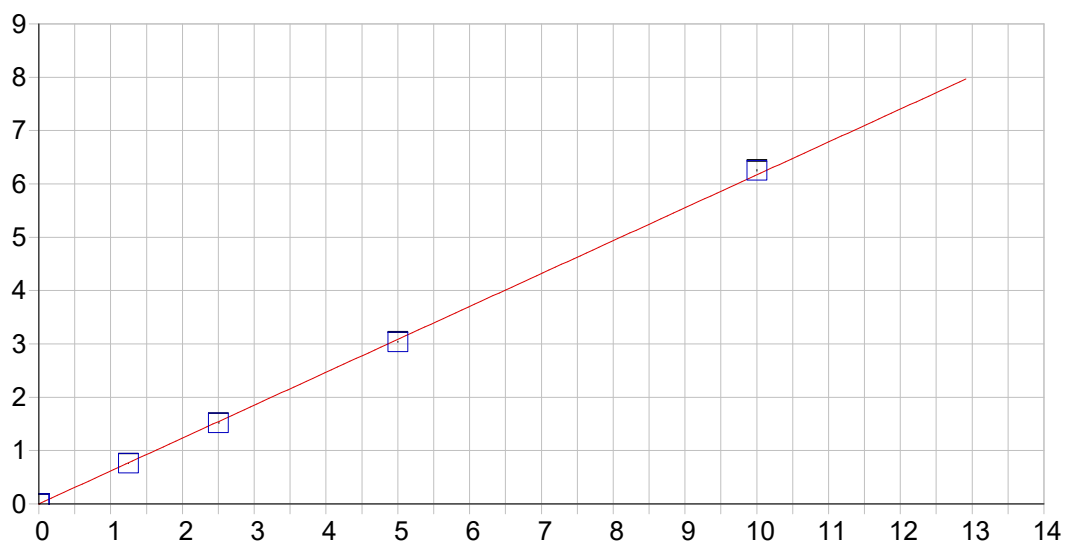


**B 249.678 {135}**

Date of Fit: 09/22/2022 15:44:02      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.005478 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.567993 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999970 | Status:   | OK.      |
| Std Error of Est: | 0.000071 |           |          |
| Predicted MDL:    | 0.001016 |           |          |
| Predicted MQL:    | 0.003388 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00548 | .000    | 1        |
| S1        | .01000       | .00780      | -.002      | -22.0   | .00989 | .000    | 1        |
| S2        | 1.2500       | 1.2337      | -.016      | -1.30   | .68177 | .007    | 1        |
| S3        | 2.5000       | 2.5169      | .017       | .675    | 1.3861 | .007    | 1        |
| S4        | 5.0000       | 5.0280      | .028       | .561    | 2.7636 | .017    | 1        |
| S5        | 10.000       | 9.9736      | -.026      | -.264   | 5.4748 | .069    | 1        |

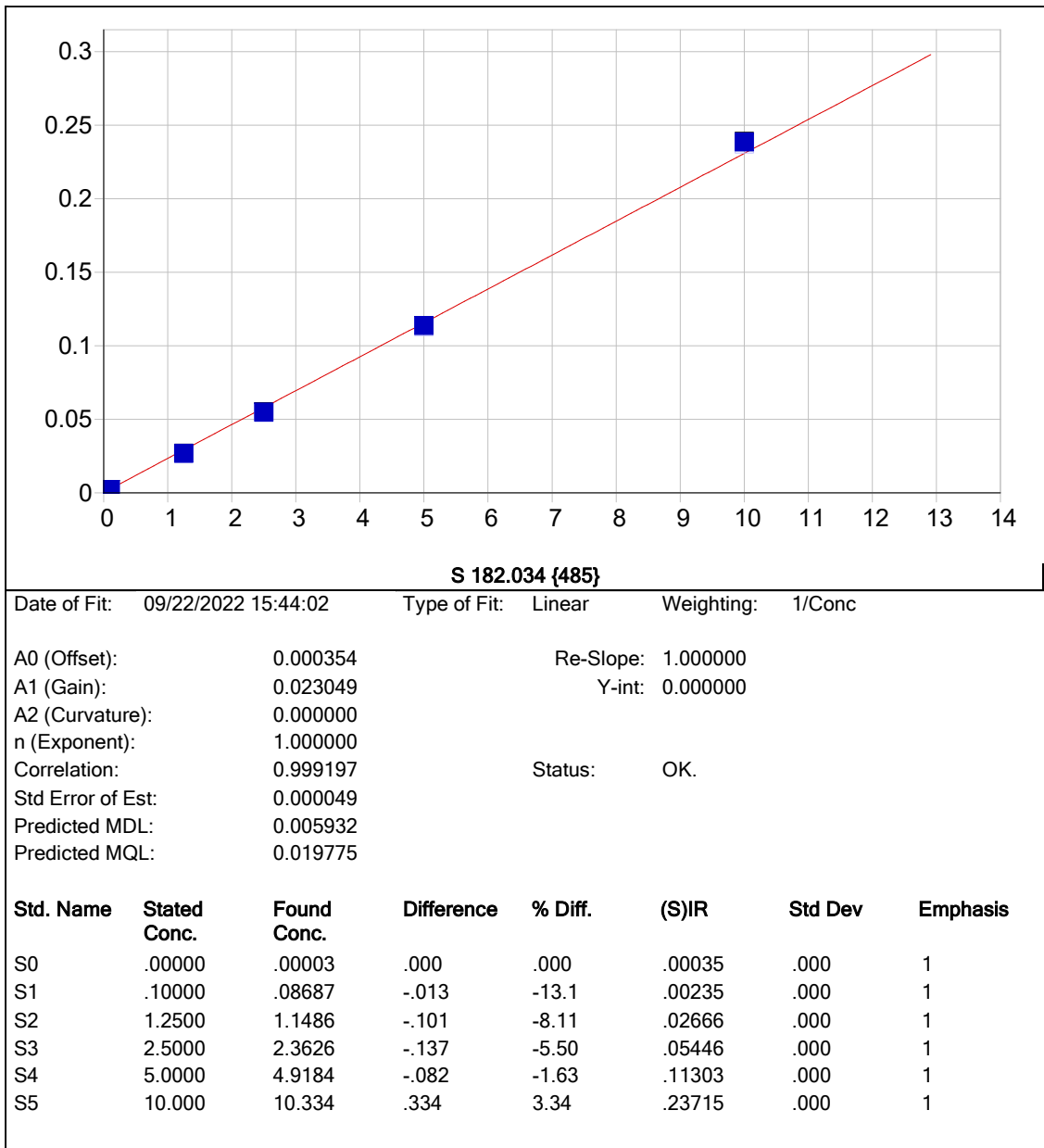


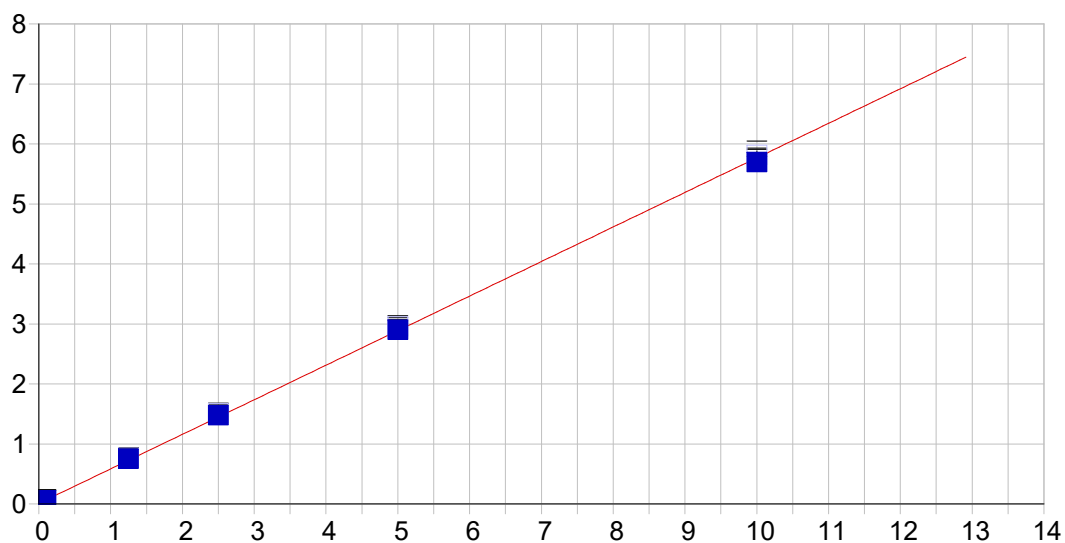
Mo 202.030 {467}

Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000341 Re-Slope: 1.000000  
 A1 (Gain): 0.616901 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999892 Status: OK.  
 Std Error of Est: 0.000152  
 Predicted MDL: 0.000422  
 Predicted MQL: 0.001406

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00034 | .000    | 1        |
| S1        | .01000       | .01091      | .001       | 9.09    | .00707 | .000    | 1        |
| S2        | 1.2500       | 1.2312      | -.019      | -1.50   | .75989 | .001    | 1        |
| S3        | 2.5000       | 2.4569      | -.043      | -1.73   | 1.5160 | .001    | 1        |
| S4        | 5.0000       | 4.9253      | -.075      | -1.49   | 3.0387 | .009    | 1        |
| S5        | 10.000       | 10.136      | .136       | 1.36    | 6.2531 | .015    | 1        |



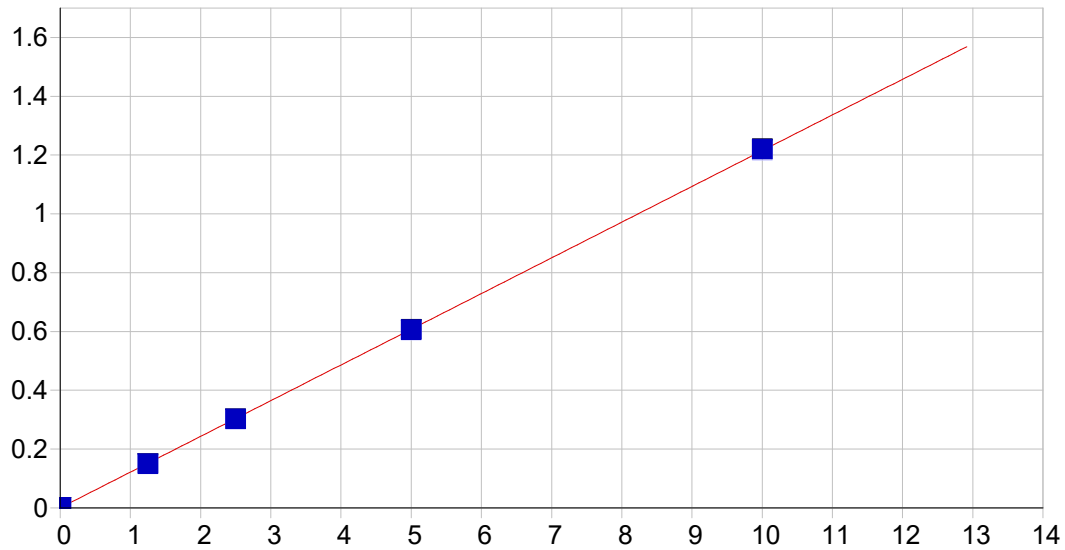


Si 251.611 {134}

Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007855 Re-Slope: 1.000000  
 A1 (Gain): 0.575943 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999885 Status: OK.  
 Std Error of Est: 0.000474  
 Predicted MDL: 0.001039  
 Predicted MQL: 0.003464

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00785 | .000    | 1        |
| S1        | .10000       | .10032      | .000       | .321    | .06629 | .001    | 1        |
| S2        | 1.2500       | 1.2961      | .046       | 3.69    | .76873 | .007    | 1        |
| S3        | 2.5000       | 2.5554      | .055       | 2.21    | 1.5084 | .005    | 1        |
| S4        | 5.0000       | 5.0211      | .021       | .422    | 2.9573 | .014    | 1        |
| S5        | 10.000       | 9.8771      | -.123      | -1.23   | 5.8116 | .070    | 1        |

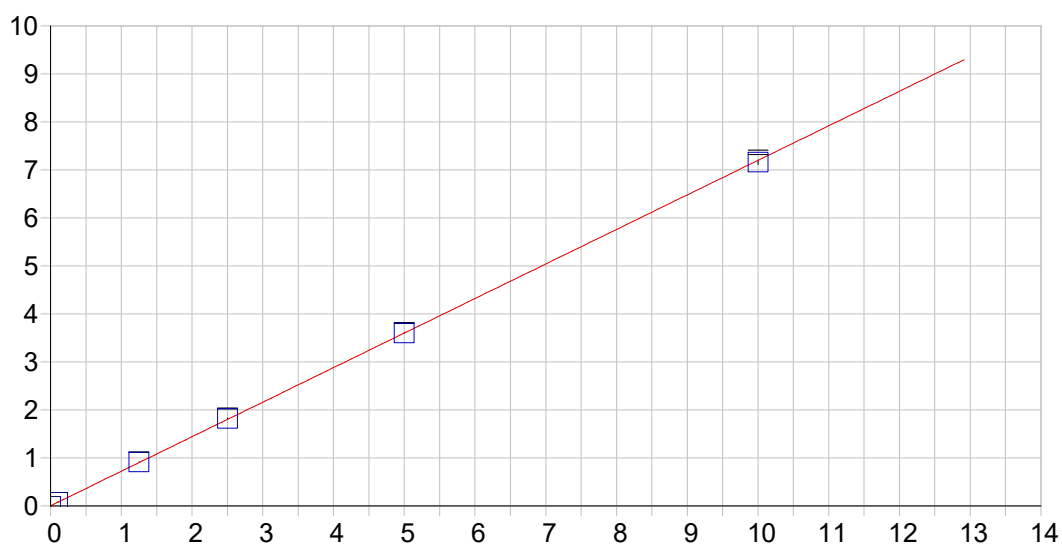


**Sn 189.989 {478}**

Date of Fit: 09/22/2022 15:44:02      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000350 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.121448 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999985 | Status:   | OK.      |
| Std Error of Est: | 0.000009 |           |          |
| Predicted MDL:    | 0.001282 |           |          |
| Predicted MQL:    | 0.004272 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00035 | .000    | 1        |
| S1        | .00700       | .00752      | .001       | 7.38    | .00120 | .000    | 1        |
| S2        | 1.2500       | 1.2325      | -.017      | -1.40   | .14950 | .001    | 1        |
| S3        | 2.5000       | 2.4862      | -.014      | -.552   | .30121 | .001    | 1        |
| S4        | 5.0000       | 4.9880      | -.012      | -.241   | .60395 | .001    | 1        |
| S5        | 10.000       | 10.043      | .043       | .428    | 1.2157 | .001    | 1        |

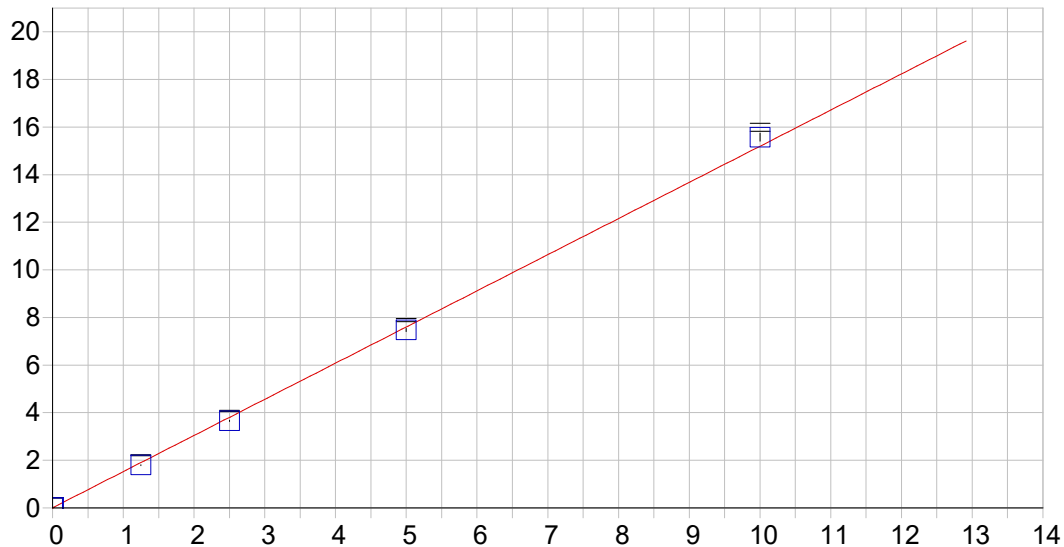


**Ti 336.121 {100}**

Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002114 Re-Slope: 1.000000  
 A1 (Gain): 0.719696 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999962 Status: OK.  
 Std Error of Est: 0.000332  
 Predicted MDL: 0.001132  
 Predicted MQL: 0.003772

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00211 | .000    | 1        |
| S1        | .10000       | .10764      | .008       | 7.64    | .07958 | .001    | 1        |
| S2        | 1.2500       | 1.2659      | .016       | 1.27    | .91318 | .003    | 1        |
| S3        | 2.5000       | 2.5294      | .029       | 1.18    | 1.8225 | .010    | 1        |
| S4        | 5.0000       | 5.0009      | .001       | .018    | 3.6012 | .010    | 1        |
| S5        | 10.000       | 9.9462      | -.054      | -.538   | 7.1603 | .048    | 1        |

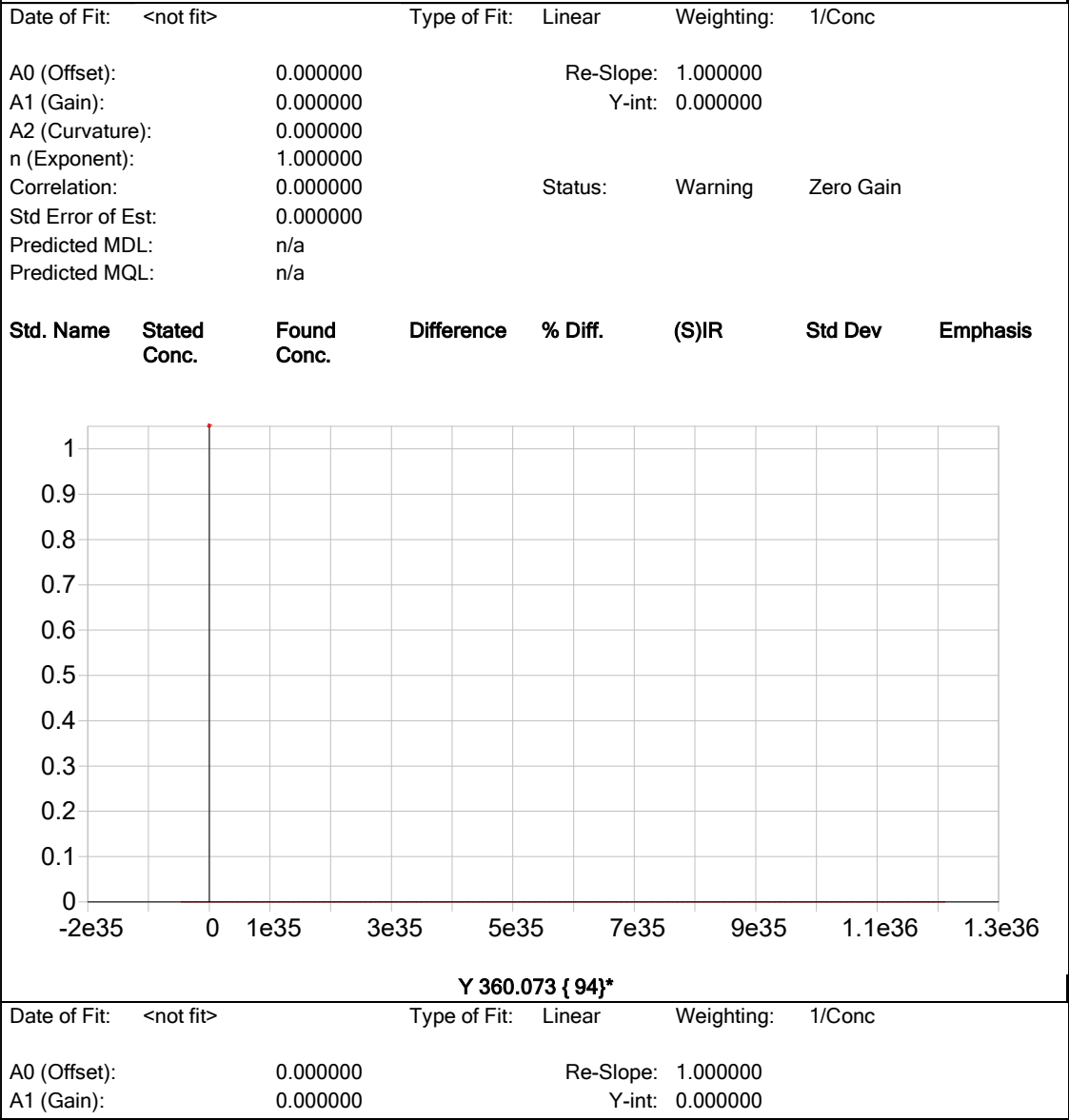
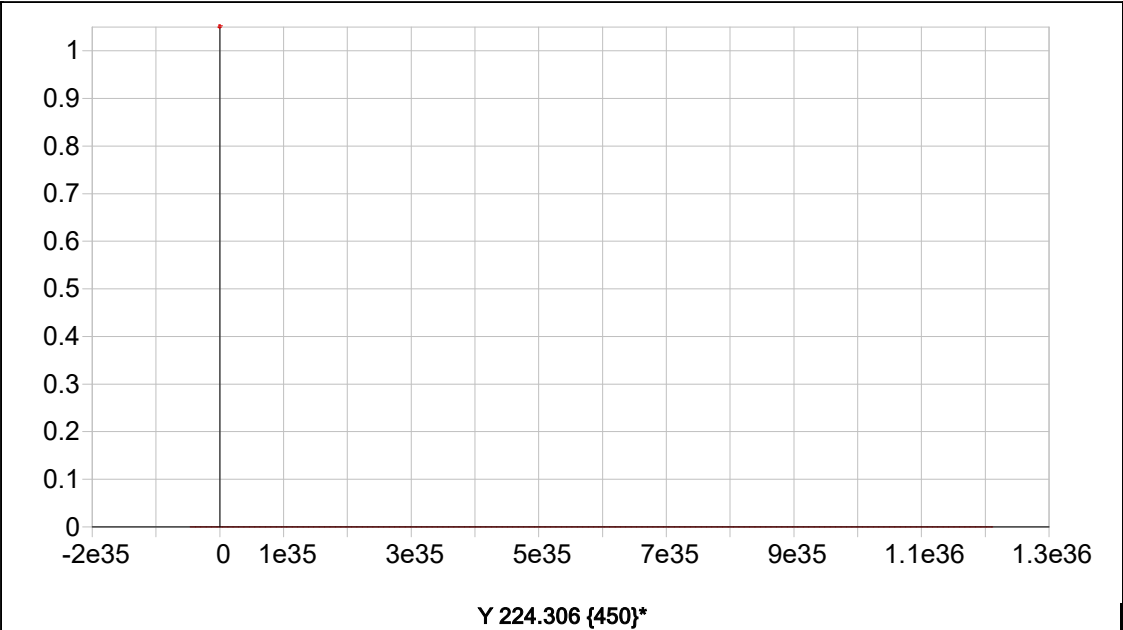


Li 670.784 { 50}

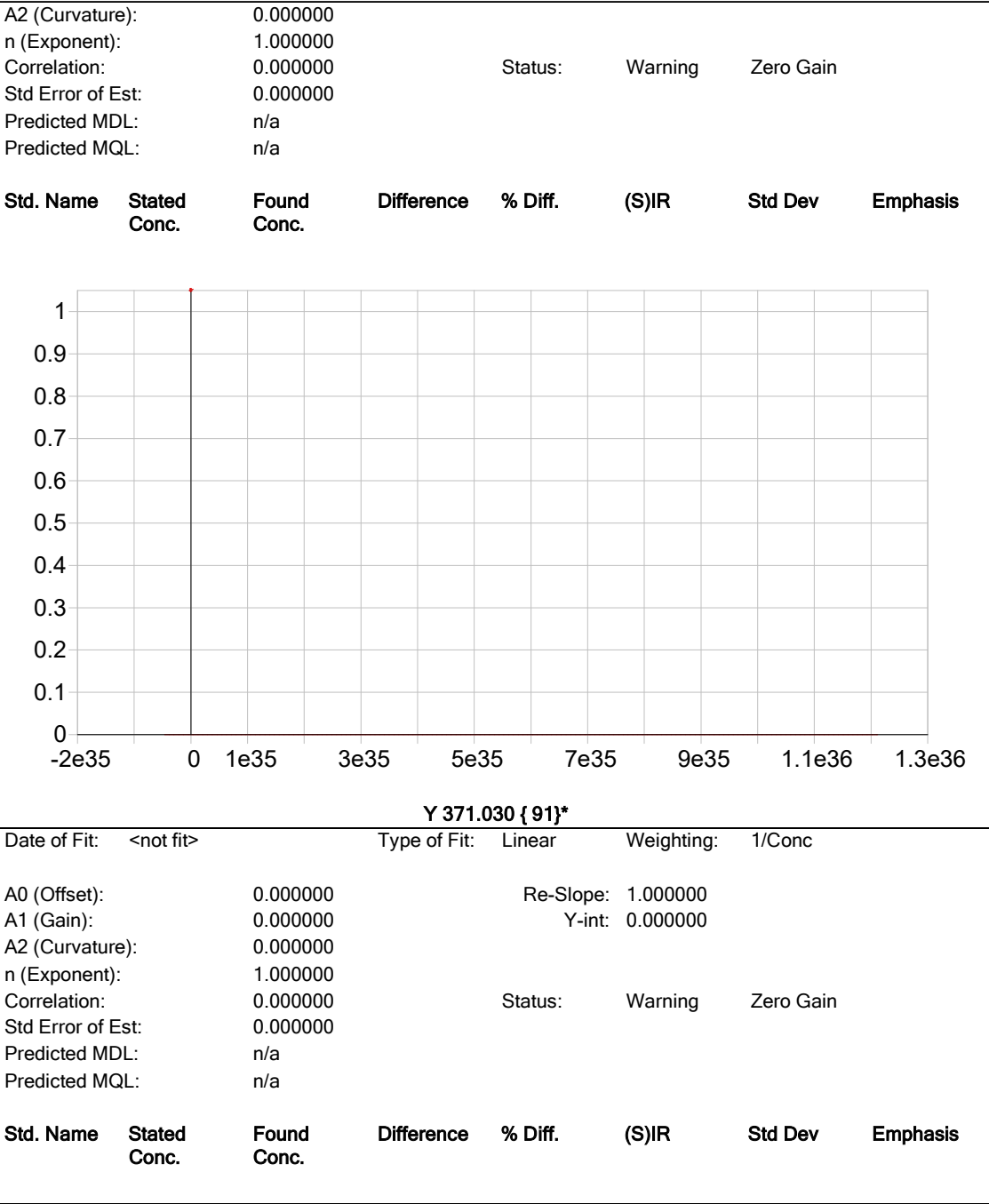
Date of Fit: 09/22/2022 15:44:02 Type of Fit: Linear Weighting: 1/Conc

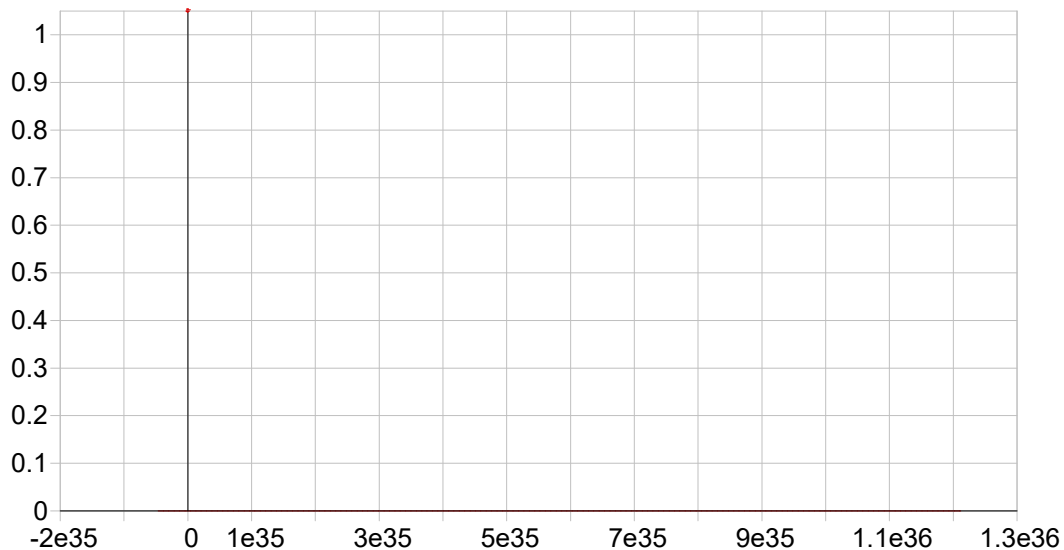
A0 (Offset): 0.006273 Re-Slope: 1.000000  
 A1 (Gain): 1.518903 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999595 Status: OK.  
 Std Error of Est: 0.000888  
 Predicted MDL: 0.001536  
 Predicted MQL: 0.005120

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00627 | .000    | 1        |
| S5        | 10.000       | 10.248      | .248       | 2.48    | 15.573 | .170    | 1        |
| S4        | 5.0000       | 4.9176      | -.082      | -1.65   | 7.4756 | .070    | 1        |
| S3        | 2.5000       | 2.4044      | -.096      | -3.83   | 3.6583 | .030    | 1        |
| S2        | 1.2500       | 1.1792      | -.071      | -5.67   | 1.7973 | .017    | 1        |
| S1        | .01500       | .01545      | .000       | 2.99    | .02974 | .000    | 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   |        |

