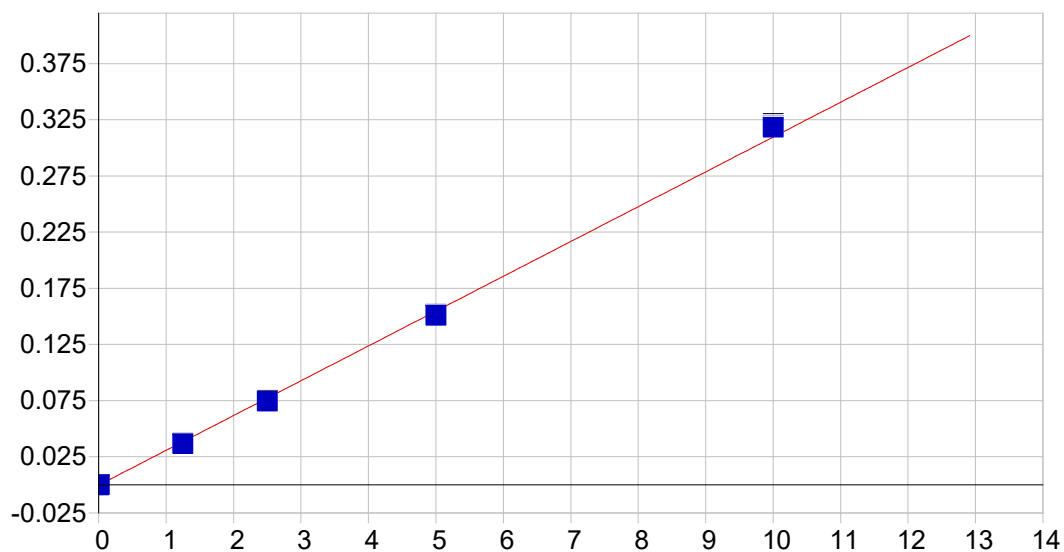


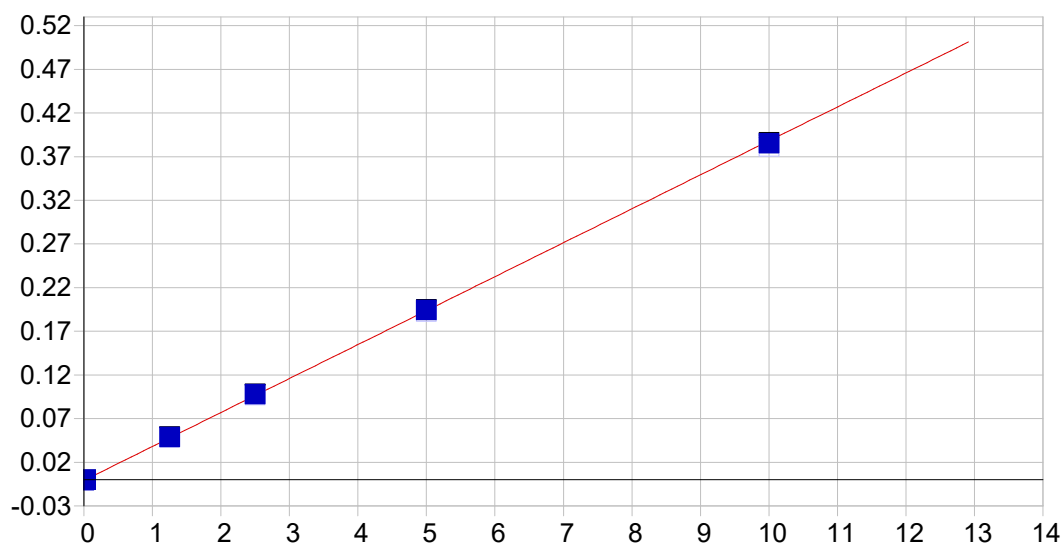


**As 189.042 {479}**

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000234 Re-Slope: 1.000000  
 A1 (Gain): 0.030991 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999532 Status: OK.  
 Std Error of Est: 0.000016  
 Predicted MDL: 0.008458  
 Predicted MQL: 0.028194

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00023 | .000    | 1        |
| S1        | .01000       | .01252      | .003       | 25.2    | .00015  | .000    | 1        |
| S2        | 1.2500       | 1.1897      | -.060      | -4.83   | .03685  | .000    | 1        |
| S3        | 2.5000       | 2.4073      | -.093      | -3.71   | .07481  | .001    | 1        |
| S4        | 5.0000       | 4.8745      | -.125      | -2.51   | .15170  | .000    | 1        |
| S5        | 10.000       | 10.276      | .276       | 2.76    | .31997  | .002    | 1        |

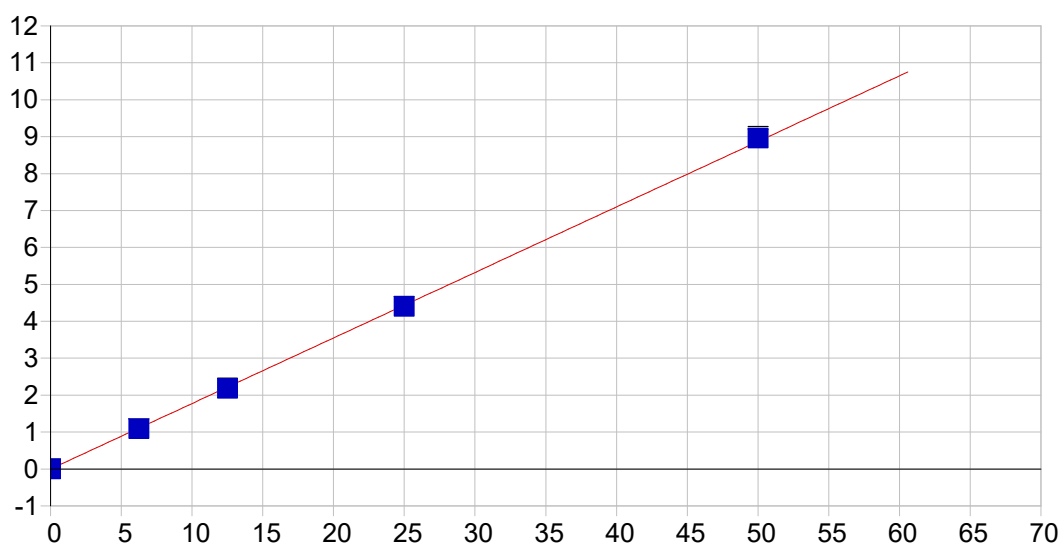


**TI 190.856 {477}**

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000784 Re-Slope: 1.000000  
 A1 (Gain): 0.038884 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999953 Status: OK.  
 Std Error of Est: 0.000010  
 Predicted MDL: 0.005797  
 Predicted MQL: 0.019323

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00078 | .000    | 1        |
| S1        | .02500       | .02378      | -.001      | -4.87   | .00010  | .000    | 1        |
| S2        | 1.2500       | 1.2750      | .025       | 2.00    | .04835  | .000    | 1        |
| S3        | 2.5000       | 2.5372      | .037       | 1.49    | .09699  | .000    | 1        |
| S4        | 5.0000       | 5.0144      | .014       | .288    | .19242  | .001    | 1        |
| S5        | 10.000       | 9.9246      | -.075      | -.754   | .38158  | .001    | 1        |

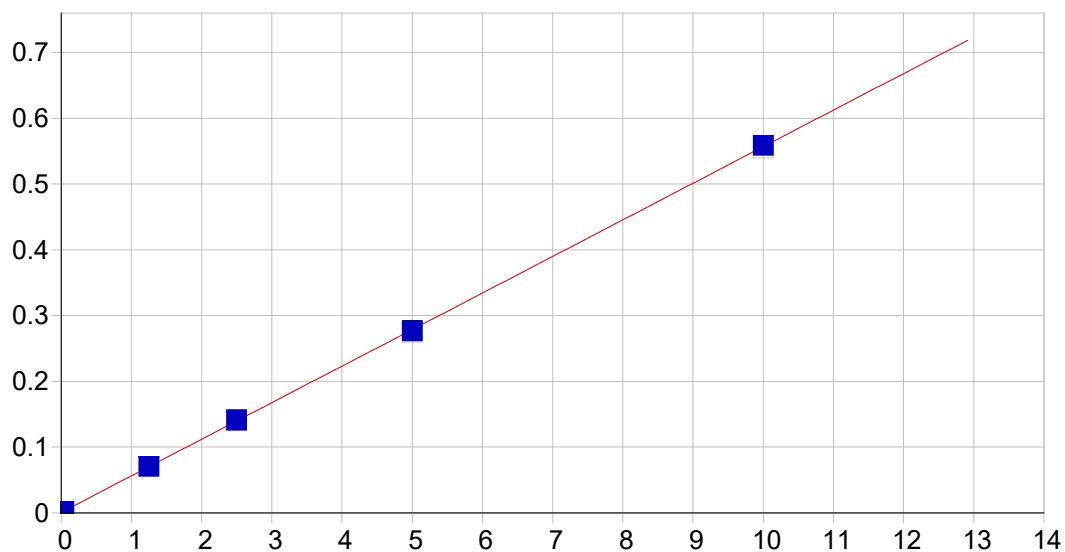


### Pb 220.353 {453}

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000616 Re-Slope: 1.000000  
 A1 (Gain): 0.177438 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999935 Status: OK.  
 Std Error of Est: 0.000076  
 Predicted MDL: 0.002765  
 Predicted MQL: 0.009217

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00062 | .000    | 1        |
| S1        | .01000       | .00974      | -.000      | -2.61   | .00111  | .000    | 1        |
| S2        | 6.2500       | 6.1251      | -.125      | -2.00   | 1.0868  | .001    | 1        |
| S3        | 12.500       | 12.306      | -.194      | -1.55   | 2.1843  | .003    | 1        |
| S4        | 25.000       | 24.810      | -.190      | -.762   | 4.4041  | .001    | 1        |
| S5        | 50.000       | 50.509      | .509       | 1.02    | 8.9668  | .042    | 1        |

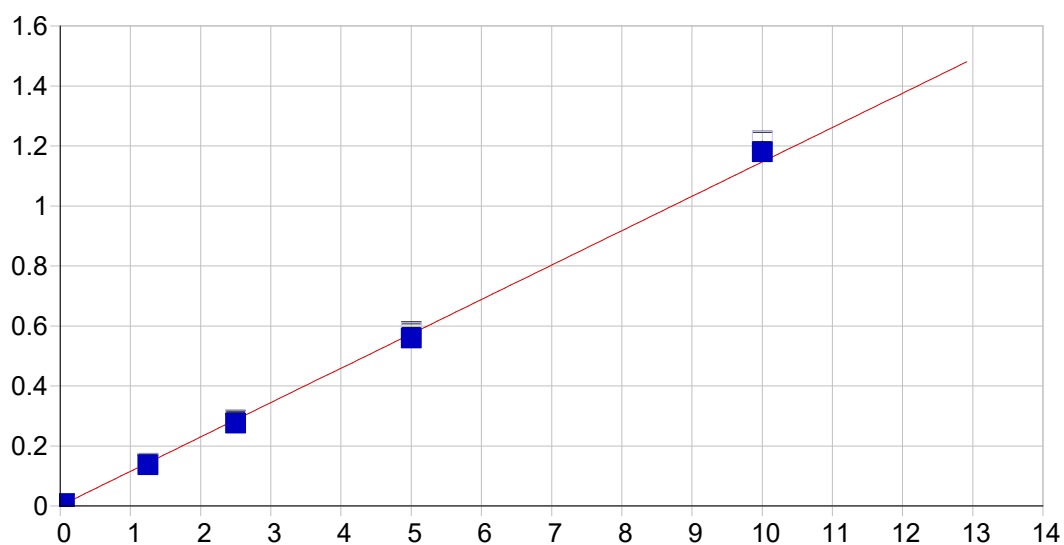


Se 196.090 {472}

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000739 Re-Slope: 1.000000  
 A1 (Gain): 0.055599 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999982 Status: OK.  
 Std Error of Est: 0.000010  
 Predicted MDL: 0.005740  
 Predicted MQL: 0.019134

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00074 | .000    | 1        |
| S1        | .03500       | .03358      | -.001      | -4.05   | .00260 | .000    | 1        |
| S2        | 1.2500       | 1.2514      | .001       | .115    | .06981 | .000    | 1        |
| S3        | 2.5000       | 2.5150      | .015       | .600    | .13956 | .001    | 1        |
| S4        | 5.0000       | 4.9543      | -.046      | -.914   | .27418 | .001    | 1        |
| S5        | 10.000       | 10.031      | .031       | .307    | .55440 | .000    | 1        |

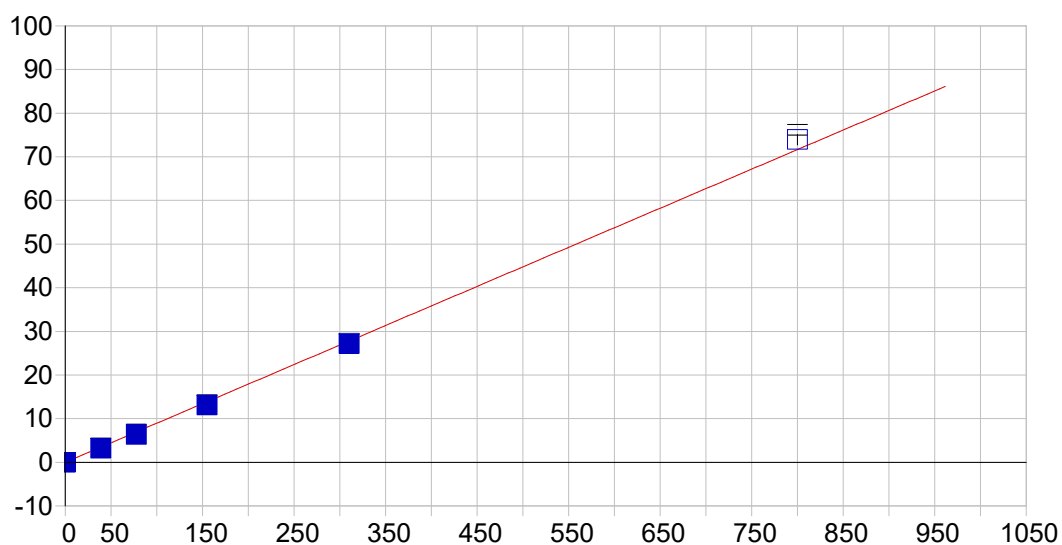


**Sb 206.833 {463}**

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000496 Re-Slope: 1.000000  
 A1 (Gain): 0.114604 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999534 Status: OK.  
 Std Error of Est: 0.000148  
 Predicted MDL: 0.003069  
 Predicted MQL: 0.010231

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00050 | .000    | 1        |
| S1        | .06000       | .05817      | -.002      | -3.05   | .00716 | .001    | 1        |
| S2        | 1.2500       | 1.1897      | -.060      | -4.82   | .14121 | .001    | 1        |
| S3        | 2.5000       | 2.3973      | -.103      | -4.11   | .28398 | .002    | 1        |
| S4        | 5.0000       | 4.8759      | -.124      | -2.48   | .57678 | .003    | 1        |
| S5        | 10.000       | 10.289      | .289       | 2.89    | 1.2146 | .002    | 1        |

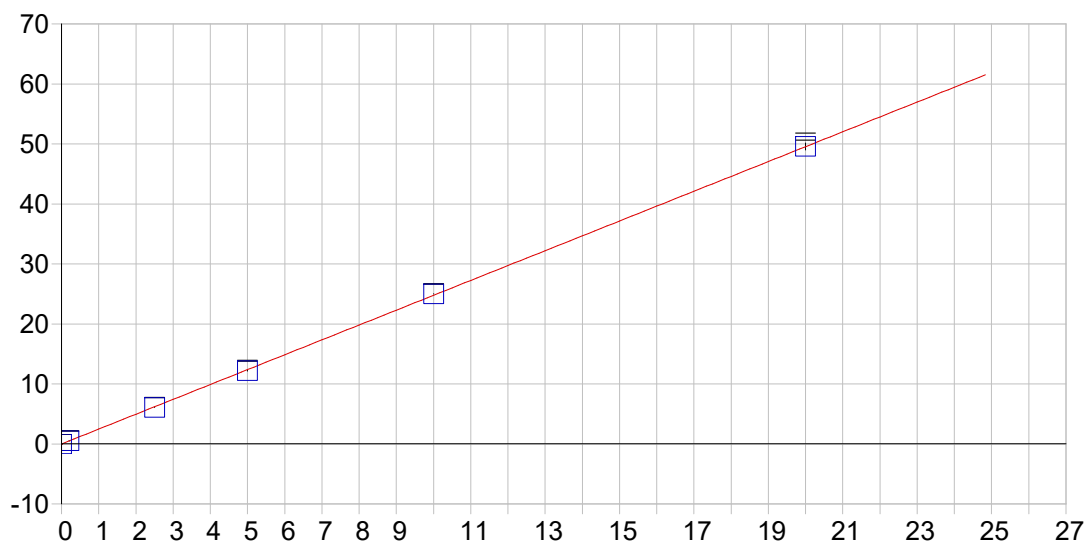


AI 396.152 { 85}

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001901 Re-Slope: 1.000000  
 A1 (Gain): 0.089573 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999172 Status: OK.  
 Std Error of Est: 0.002268  
 Predicted MDL: 0.010559  
 Predicted MQL: 0.035197

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00004      | .000       | .000    | -.00190 | .001    | 1        |
| S1        | .20000       | .20321      | .003       | 1.61    | .01633  | .000    | 1        |
| S2        | 38.750       | 35.439      | -3.31      | -8.54   | 3.1761  | .006    | 1        |
| S3        | 77.500       | 71.114      | -6.39      | -8.24   | 6.3752  | .032    | 1        |
| S4        | 155.00       | 146.08      | -8.92      | -5.76   | 13.097  | .010    | 1        |
| S5        | 310.00       | 303.10      | -6.90      | -2.23   | 27.177  | .087    | 1        |
| S6        | 800.00       | 825.54      | 25.5       | 3.19    | 73.944  | 1.22    | 1        |

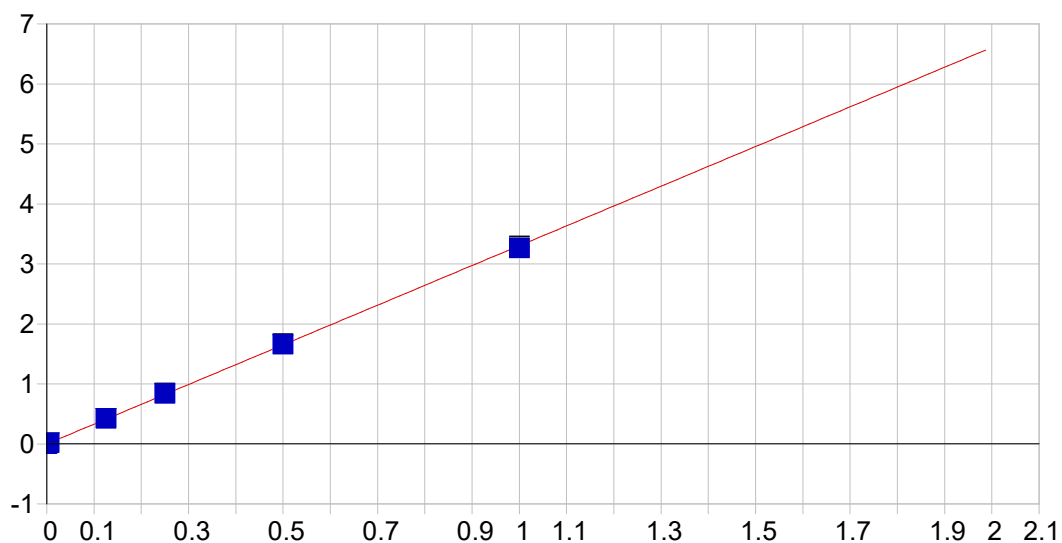


**Ba 493.409 { 68}**

Date of Fit: 11/14/2021 13:45:19      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.005874 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.477304  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999959  | Status:   | OK.      |
| Std Error of Est: | 0.002386  |           |          |
| Predicted MDL:    | 0.000668  |           |          |
| Predicted MQL:    | 0.002226  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00588 | .001    | 1        |
| S1        | .20000       | .20587      | .006       | 2.93    | .50412  | .001    | 1        |
| S2        | 2.5000       | 2.4555      | -.044      | -1.78   | 6.0772  | .043    | 1        |
| S3        | 5.0000       | 4.9245      | -.076      | -1.51   | 12.194  | .074    | 1        |
| S4        | 10.000       | 10.099      | .099       | .989    | 25.012  | .021    | 1        |
| S5        | 20.000       | 20.015      | .015       | .076    | 49.578  | .603    | 1        |



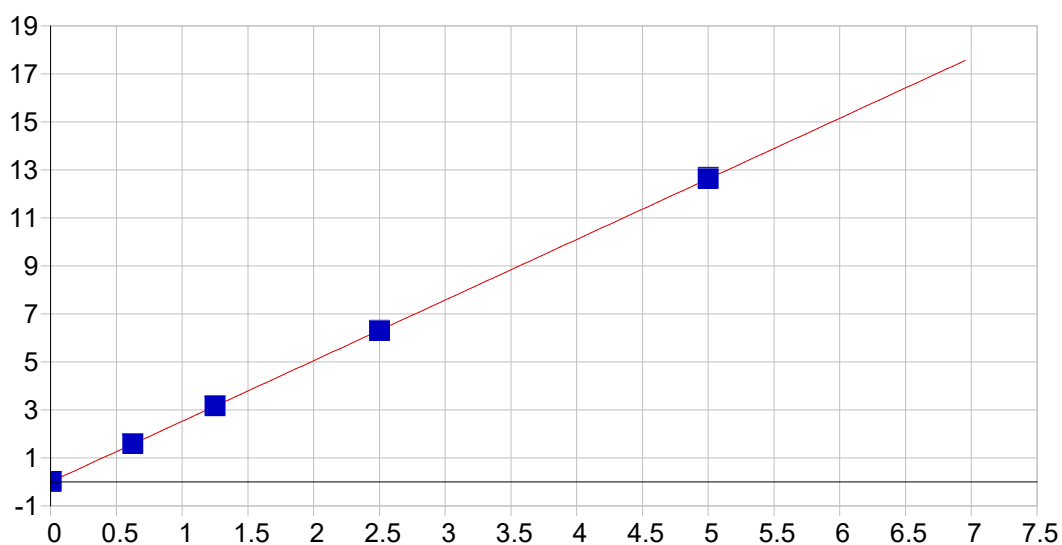
**Be 234.861 {144}**

Date of Fit: 11/14/2021 13:45:19      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001472 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.305011  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999892  | Status:   | OK.      |
| Std Error of Est: | 0.000182  |           |          |
| Predicted MDL:    | 0.000101  |           |          |
| Predicted MQL:    | 0.000337  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00147 | .000    | 1        |
| S1        | .00500       | .00545      | .000       | 9.07    | .01654  | .001    | 1        |
| S2        | .12500       | .12902      | .004       | 3.21    | .42387  | .002    | 1        |
| S3        | .25000       | .25457      | .005       | 1.83    | .83775  | .006    | 1        |
| S4        | .50000       | .50263      | .003       | .525    | 1.6554  | .009    | 1        |
| S5        | 1.0000       | .98833      | -.012      | -1.17   | 3.2565  | .033    | 1        |



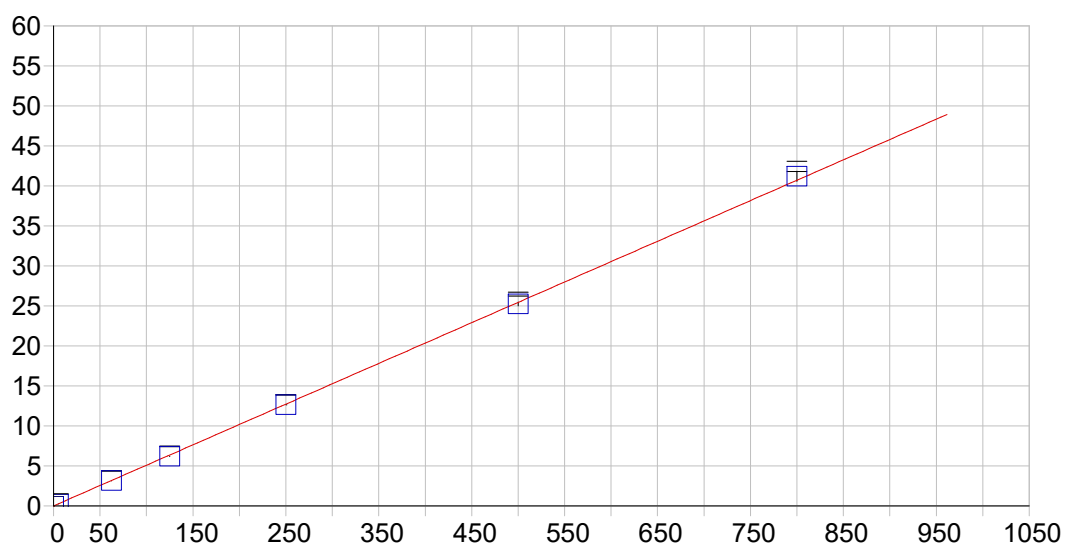


**Cd 214.438 {457}**

Date of Fit: 11/14/2021 13:45:19      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000184 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.525680  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999994  | Status:   | OK.      |
| Std Error of Est: | 0.000075  |           |          |
| Predicted MDL:    | 0.000140  |           |          |
| Predicted MQL:    | 0.000468  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00019 | .000    | 1        |
| S1        | .00500       | .00554      | .001       | 10.8    | .01382  | .000    | 1        |
| S2        | .62500       | .62986      | .005       | .778    | 1.5938  | .003    | 1        |
| S3        | 1.2500       | 1.2519      | .002       | .155    | 3.1680  | .003    | 1        |
| S4        | 2.5000       | 2.4931      | -.007      | -.278   | 6.3090  | .006    | 1        |
| S5        | 5.0000       | 4.9996      | -.000      | -.008   | 12.652  | .038    | 1        |

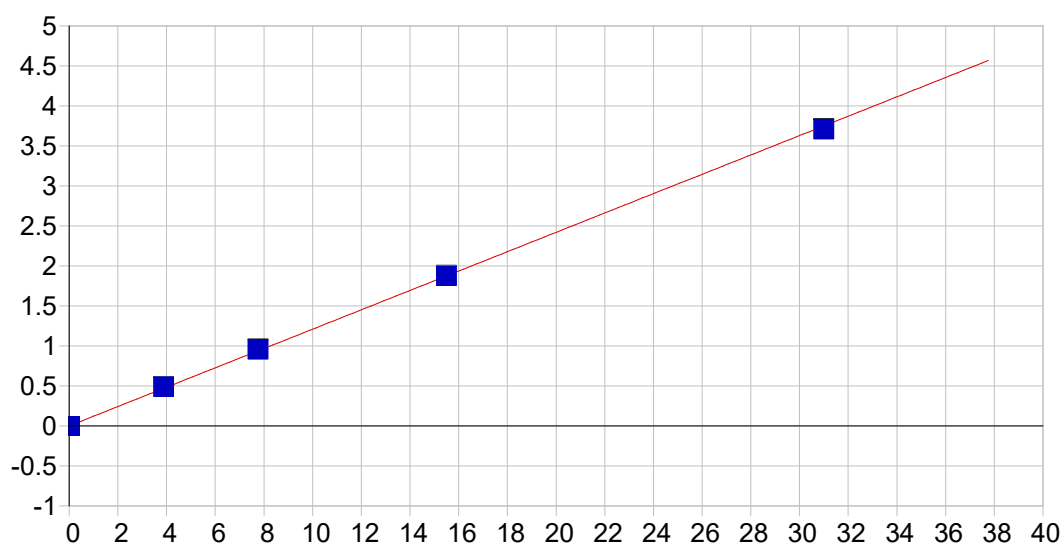


Ca 373.690 { 90}

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001586 Re-Slope: 1.000000  
 A1 (Gain): 0.050888 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999933 Status: OK.  
 Std Error of Est: 0.002057  
 Predicted MDL: 0.016276  
 Predicted MQL: 0.054255

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00012      | .000       | .000    | .00159 | .000    | 1        |
| S1        | 5.0000       | 5.0751      | .075       | 1.50    | .25985 | .001    | 1        |
| S2        | 62.500       | 61.749      | -.751      | -1.20   | 3.1438 | .015    | 1        |
| S3        | 125.00       | 122.06      | -2.94      | -2.36   | 6.2127 | .040    | 1        |
| S4        | 250.00       | 248.47      | -1.53      | -.613   | 12.646 | .005    | 1        |
| S5        | 500.00       | 495.79      | -4.21      | -.841   | 25.231 | .232    | 1        |
| S6        | 800.00       | 809.36      | 9.36       | 1.17    | 41.188 | .642    | 1        |

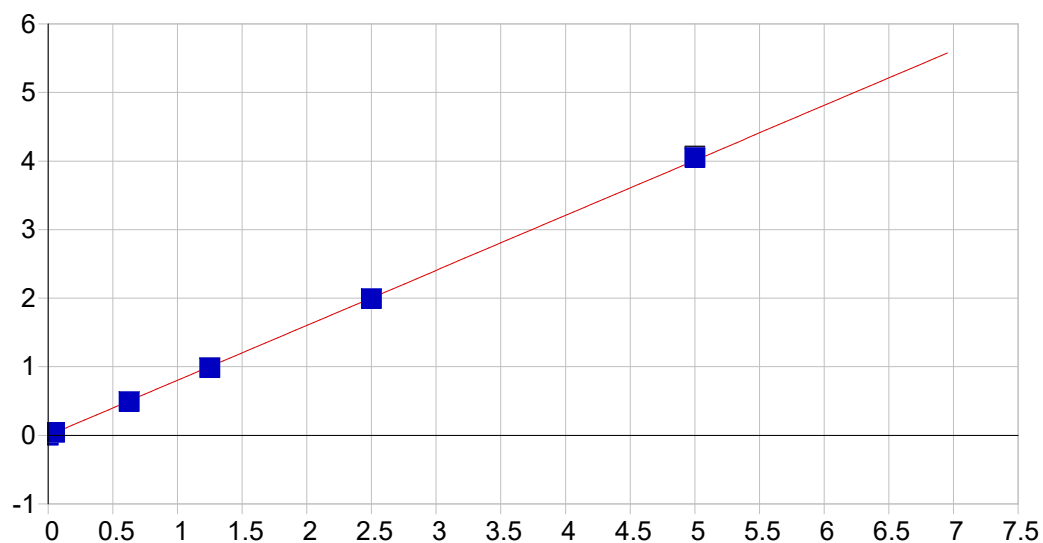


**Cr 267.716 {126}**

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000042 Re-Slope: 1.000000  
 A1 (Gain): 0.120975 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999880 Status: OK.  
 Std Error of Est: 0.000055  
 Predicted MDL: 0.000792  
 Predicted MQL: 0.002639

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00004 | .000    | 1        |
| S1        | .01000       | .01069      | .001       | 6.94    | .00125  | .000    | 1        |
| S2        | 3.8750       | 4.0333      | .158       | 4.08    | .48802  | .000    | 1        |
| S3        | 7.7500       | 7.9168      | .167       | 2.15    | .95797  | .003    | 1        |
| S4        | 15.500       | 15.520      | .020       | .128    | 1.8780  | .005    | 1        |
| S5        | 31.000       | 30.654      | -.346      | -1.12   | 3.7095  | .005    | 1        |

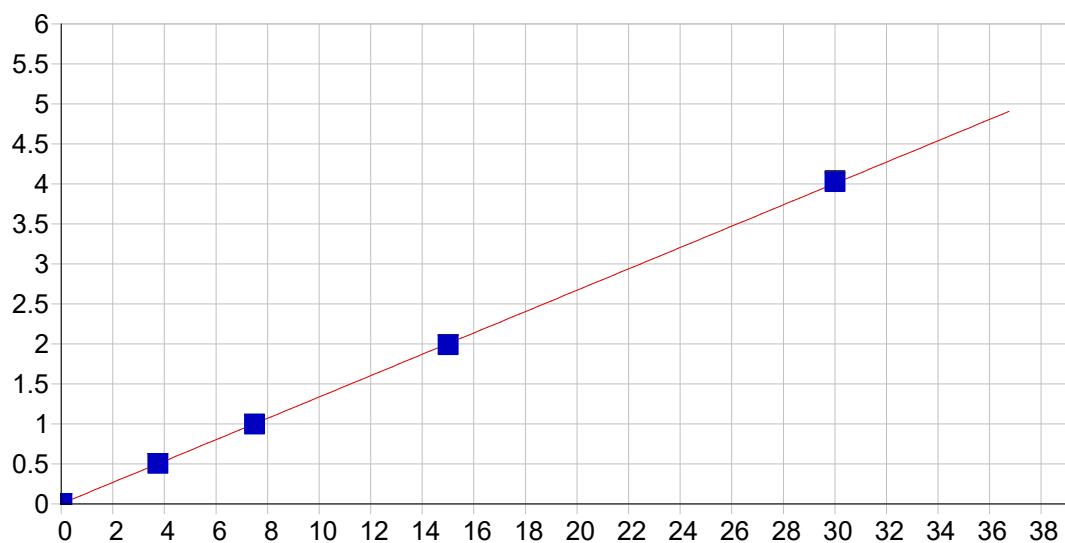


Co 228.616 {448}

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000302 Re-Slope: 1.000000  
 A1 (Gain): 0.801971 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999932 Status: OK.  
 Std Error of Est: 0.000250  
 Predicted MDL: 0.000431  
 Predicted MQL: 0.001438

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00030 | .000    | 1        |
| S1        | .05000       | .05135      | .001       | 2.71    | .04102  | .000    | 1        |
| S2        | .62500       | .61178      | -.013      | -2.12   | .49108  | .002    | 1        |
| S3        | 1.2500       | 1.2286      | -.021      | -1.71   | .98653  | .002    | 1        |
| S4        | 2.5000       | 2.4832      | -.017      | -.670   | 1.9942  | .003    | 1        |
| S5        | 5.0000       | 5.0500      | .050       | 1.000   | 4.0557  | .016    | 1        |

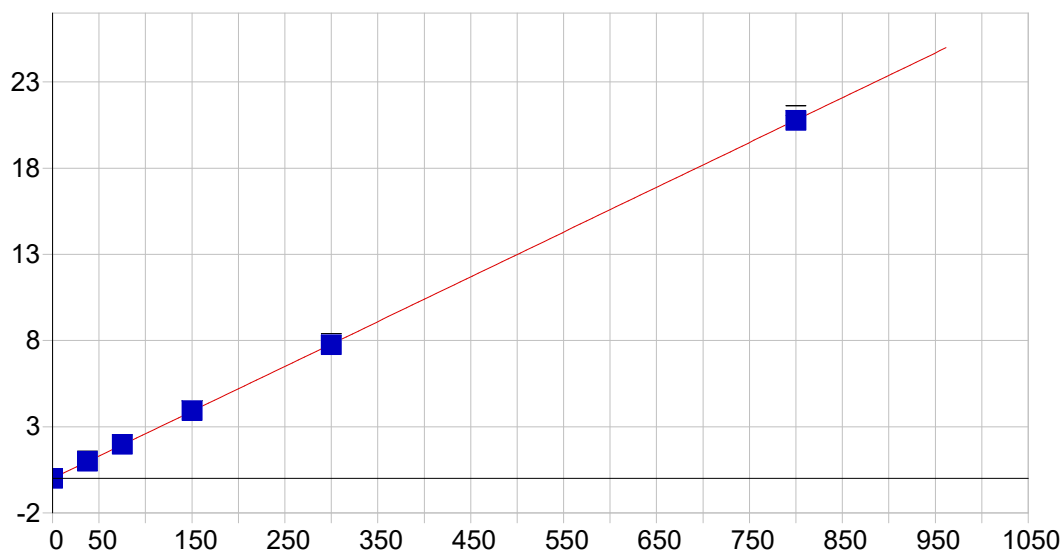


**Cu 324.754 {104}**

Date of Fit: 11/14/2021 13:45:19      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.001956      Re-Slope: 1.000000  
 A1 (Gain): 0.133448      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999974      Status: OK.  
 Std Error of Est: 0.000044  
 Predicted MDL: 0.003322  
 Predicted MQL: 0.011072

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00196 | .000    | 1        |
| S1        | .02500       | .02107      | -.004      | -15.7   | .00476 | .001    | 1        |
| S2        | 3.7500       | 3.7574      | .007       | .197    | .50269 | .001    | 1        |
| S3        | 7.5000       | 7.4409      | -.059      | -.788   | .99358 | .001    | 1        |
| S4        | 15.000       | 14.887      | -.113      | -.751   | 1.9859 | .003    | 1        |
| S5        | 30.000       | 30.168      | .168       | .561    | 4.0224 | .010    | 1        |

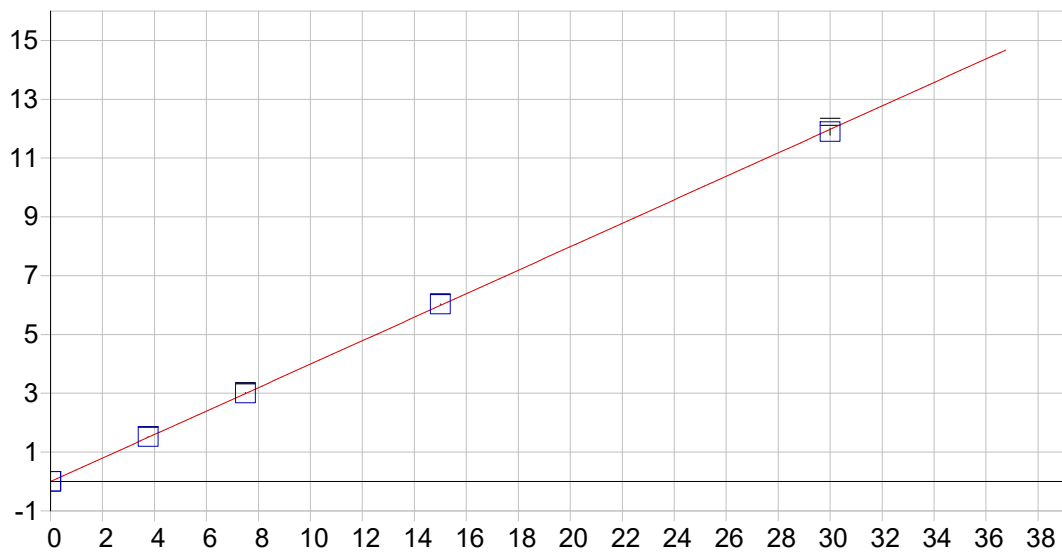


**Fe 259.837 {130}**

Date of Fit: 11/14/2021 13:45:19      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000099 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.025985 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999983 | Status:   | OK.      |
| Std Error of Est: | 0.000067 |           |          |
| Predicted MDL:    | 0.010105 |           |          |
| Predicted MQL:    | 0.033684 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00010 | .000    | 1        |
| S1        | .10000       | .11093      | .011       | 10.9    | .00299 | .000    | 1        |
| S2        | 37.500       | 38.396      | .896       | 2.39    | .99897 | .003    | 1        |
| S3        | 75.000       | 75.644      | .644       | .859    | 1.9680 | .013    | 1        |
| S4        | 150.00       | 151.14      | 1.14       | .758    | 3.9321 | .008    | 1        |
| S5        | 300.00       | 298.35      | -1.65      | -.549   | 7.7621 | .060    | 1        |
| S6        | 800.00       | 798.96      | -1.04      | -.130   | 20.776 | .287    | 1        |

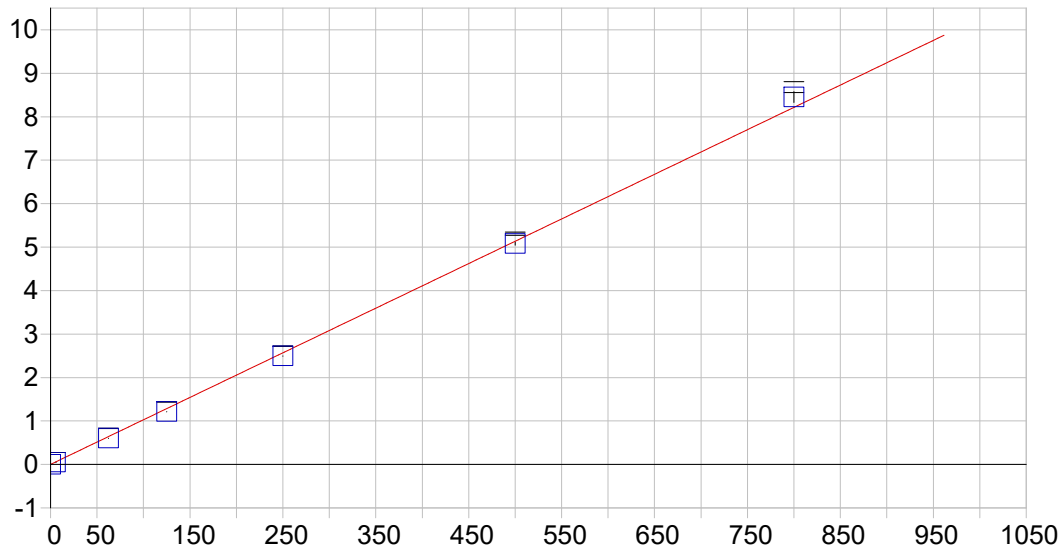


**Mn 257.610 {131}**

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000292 Re-Slope: 1.000000  
 A1 (Gain): 0.399208 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999970 Status: OK.  
 Std Error of Est: 0.000110  
 Predicted MDL: 0.000654  
 Predicted MQL: 0.002181

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00029 | .000    | 1        |
| S1        | .01500       | .01689      | .002       | 12.6    | .00645  | .000    | 1        |
| S2        | 3.7500       | 3.8157      | .066       | 1.75    | 1.5230  | .007    | 1        |
| S3        | 7.5000       | 7.5259      | .026       | .345    | 3.0041  | .018    | 1        |
| S4        | 15.000       | 15.099      | .099       | .661    | 6.0274  | .009    | 1        |
| S5        | 30.000       | 29.807      | -.193      | -.642   | 11.899  | .121    | 1        |



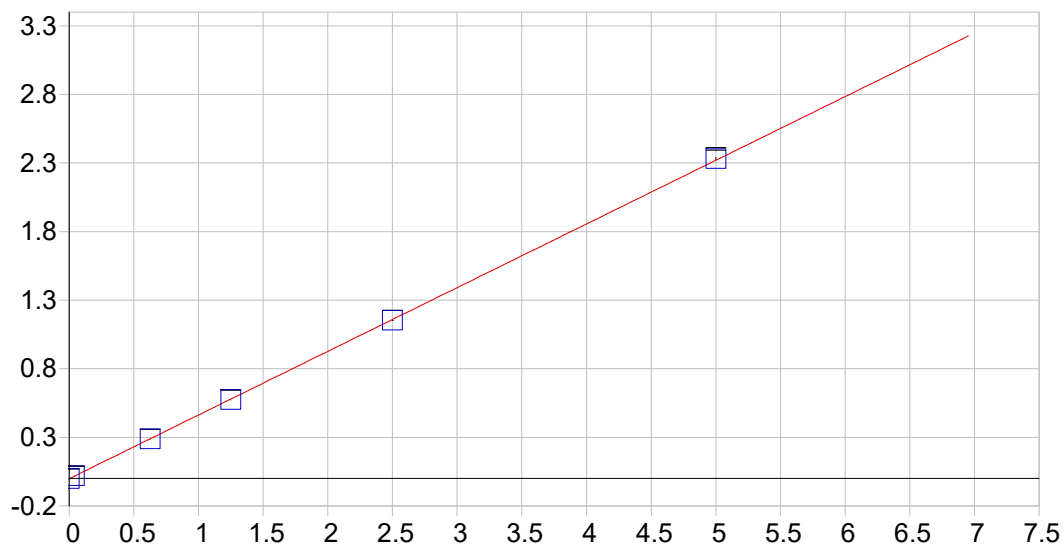
### Mg 279.079 {121}

Date of Fit: 11/14/2021 13:45:19      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): -0.000341      Re-Slope: 1.000000  
 A1 (Gain): 0.010271      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999559      Status: OK.  
 Std Error of Est: 0.001065  
 Predicted MDL: 0.030690  
 Predicted MQL: 0.102299

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00069      | .001       | .000    | -.00033 | .000    | 1        |
| S1        | 5.0000       | 4.9519      | -.048      | -.961   | .05052  | .000    | 1        |
| S2        | 62.500       | 58.577      | -3.92      | -6.28   | .60132  | .001    | 1        |
| S3        | 125.00       | 118.09      | -6.91      | -5.53   | 1.2126  | .005    | 1        |
| S4        | 250.00       | 242.94      | -7.06      | -2.83   | 2.4949  | .005    | 1        |
| S5        | 500.00       | 494.98      | -5.02      | -1.00   | 5.0837  | .038    | 1        |
| S6        | 800.00       | 822.97      | 23.0       | 2.87    | 8.4526  | .124    | 1        |



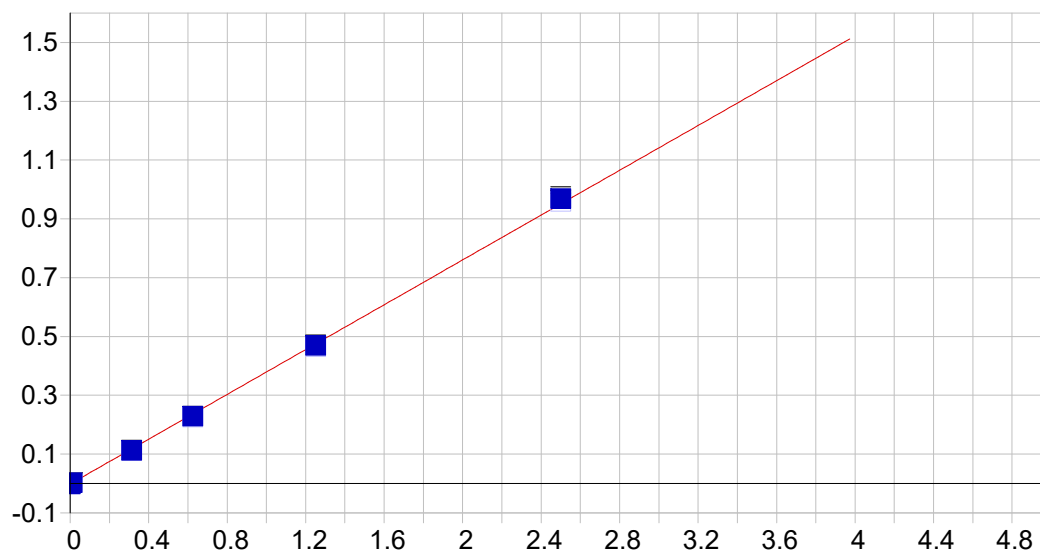


# Ni 231.604 {446}

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001437 Re-Slope: 1.000000  
 A1 (Gain): 0.464276 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999976 Status: OK.  
 Std Error of Est: 0.000077  
 Predicted MDL: 0.000758  
 Predicted MQL: 0.002527

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00144 | .000    | 1        |
| S1        | .04000       | .04245      | .002       | 6.11    | .01827  | .000    | 1        |
| S2        | .62500       | .62079      | -.004      | -.674   | .28678  | .001    | 1        |
| S3        | 1.2500       | 1.2404      | -.010      | -.767   | .57446  | .001    | 1        |
| S4        | 2.5000       | 2.4862      | -.014      | -.550   | 1.1529  | .001    | 1        |
| S5        | 5.0000       | 5.0251      | .025       | .502    | 2.3316  | .009    | 1        |

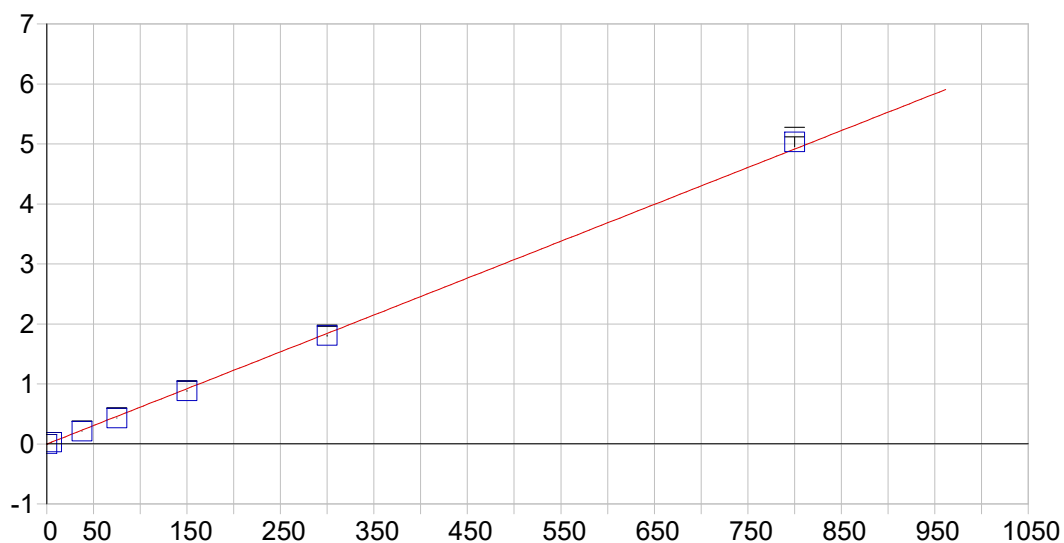


### Ag 328.068 {103}

Date of Fit: 11/14/2021 13:45:19      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001630 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.380990  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999744  | Status:   | OK.      |
| Std Error of Est: | 0.000072  |           |          |
| Predicted MDL:    | 0.000506  |           |          |
| Predicted MQL:    | 0.001686  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00163 | .000    | 1        |
| S1        | .01000       | .00990      | -.000      | -1.03   | .00211  | .000    | 1        |
| S2        | .31250       | .29951      | -.013      | -4.16   | .11121  | .000    | 1        |
| S3        | .62500       | .60340      | -.022      | -3.46   | .22572  | .001    | 1        |
| S4        | 1.2500       | 1.2366      | -.013      | -1.07   | .46443  | .002    | 1        |
| S5        | 2.5000       | 2.5481      | .048       | 1.92    | .95904  | .006    | 1        |

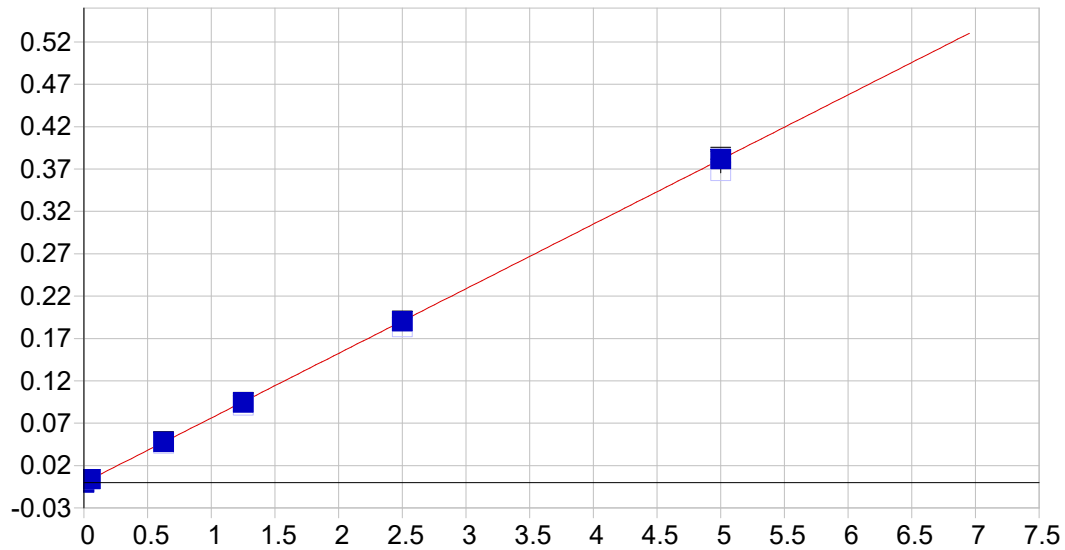


**Na 818.326 { 41}**

Date of Fit: 11/14/2021 13:45:19      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001820 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.006144  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999532  | Status:   | OK.      |
| Std Error of Est: | 0.000582  |           |          |
| Predicted MDL:    | 0.279571  |           |          |
| Predicted MQL:    | 0.931903  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00092      | .001       | .000    | -.00181 | .001    | 1        |
| S1        | 5.0000       | 4.9030      | -.097      | -1.94   | .02830  | .002    | 1        |
| S2        | 37.500       | 35.005      | -2.50      | -6.65   | .21326  | .001    | 1        |
| S3        | 75.000       | 70.401      | -4.60      | -6.13   | .43074  | .002    | 1        |
| S4        | 150.00       | 144.03      | -5.97      | -3.98   | .88315  | .003    | 1        |
| S5        | 300.00       | 293.83      | -6.17      | -2.06   | 1.8035  | .010    | 1        |
| S6        | 800.00       | 819.33      | 19.3       | 2.42    | 5.0323  | .079    | 1        |

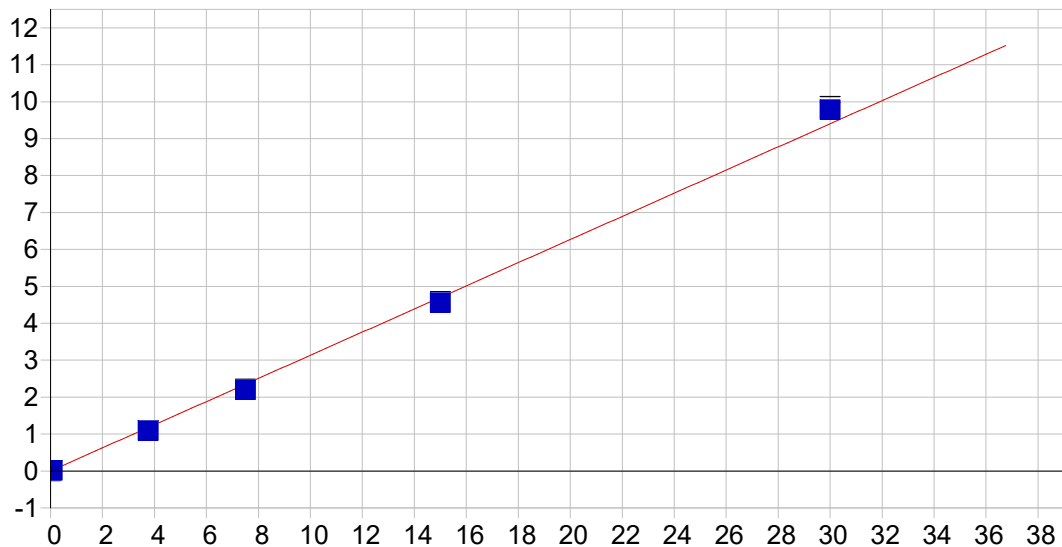


V 292.402 {115}

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000167 Re-Slope: 1.000000  
 A1 (Gain): 0.076290 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999975 Status: OK.  
 Std Error of Est: 0.000014  
 Predicted MDL: 0.004331  
 Predicted MQL: 0.014438

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00017 | .001    | 1        |
| S1        | .05000       | .05369      | .004       | 7.37    | .00392  | .000    | 1        |
| S2        | .62500       | .62917      | .004       | .667    | .04608  | .000    | 1        |
| S3        | 1.2500       | 1.2378      | -.012      | -.972   | .09076  | .000    | 1        |
| S4        | 2.5000       | 2.4971      | -.003      | -.116   | .18332  | .000    | 1        |
| S5        | 5.0000       | 5.0071      | .007       | .141    | .36779  | .002    | 1        |

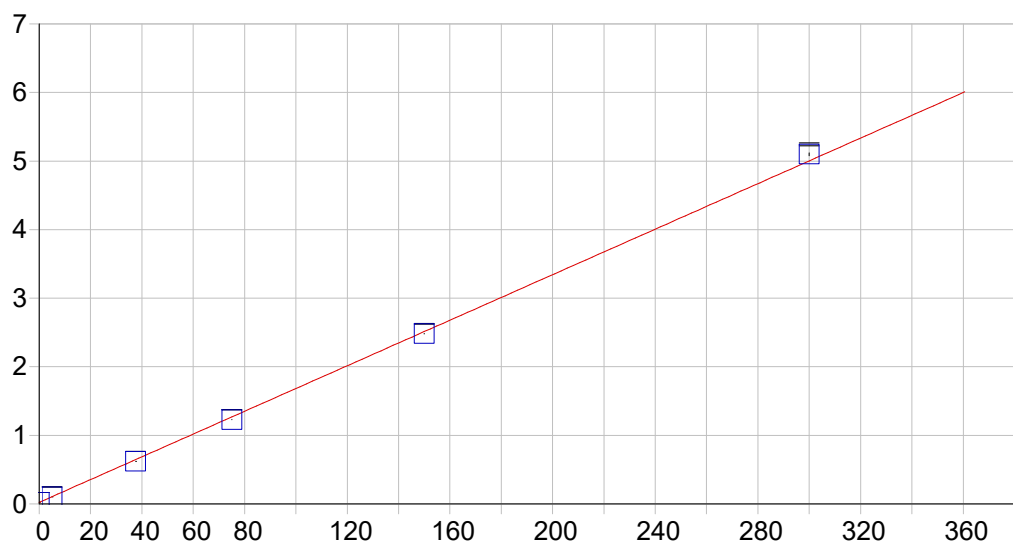


### Zn 213.856 {158}

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000717 Re-Slope: 1.000000  
 A1 (Gain): 0.313418 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999000 Status: OK.  
 Std Error of Est: 0.000999  
 Predicted MDL: 0.003782  
 Predicted MQL: 0.012607

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00071 | .001    | 1        |
| S1        | .06000       | .05935      | -.001      | -1.08   | .01794  | .001    | 1        |
| S2        | 3.7500       | 3.4879      | -.262      | -6.99   | 1.0934  | .006    | 1        |
| S3        | 7.5000       | 7.0165      | -.484      | -6.45   | 2.2002  | .016    | 1        |
| S4        | 15.000       | 14.534      | -.466      | -3.11   | 4.5581  | .033    | 1        |
| S5        | 30.000       | 31.213      | 1.21       | 4.04    | 9.7892  | .083    | 1        |

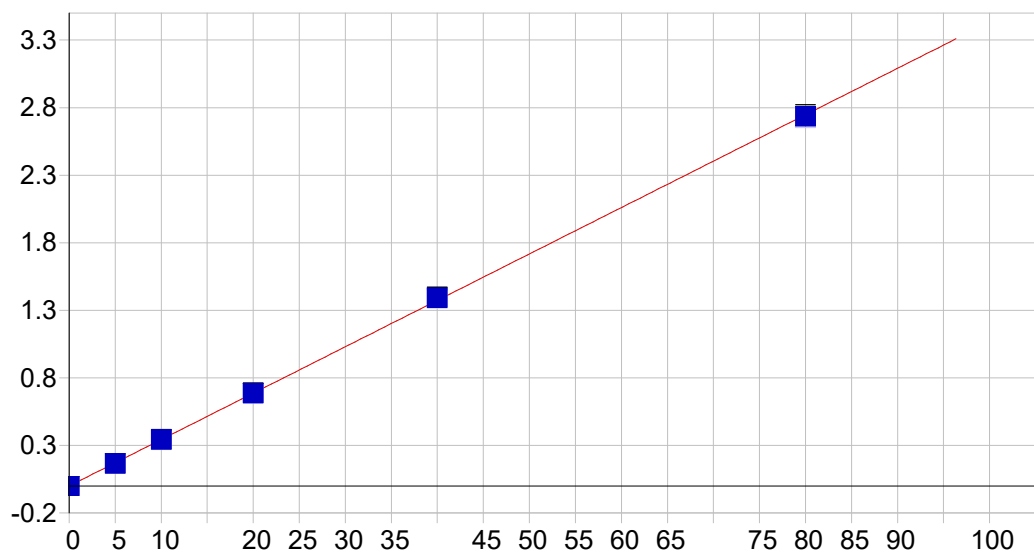


**K 769.896 { 44 }**

Date of Fit: 11/14/2021 13:45:19      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.022701      Re-Slope: 1.000000  
 A1 (Gain): 0.016600      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999761      Status: OK.  
 Std Error of Est: 0.000749  
 Predicted MDL: 0.084245  
 Predicted MQL: 0.280816

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00051      | .001       | .000    | .02271 | .001    | 1        |
| S1        | 5.0000       | 4.8000      | -.200      | -4.00   | .10238 | .002    | 1        |
| S2        | 37.500       | 36.061      | -1.44      | -3.84   | .62131 | .001    | 1        |
| S3        | 75.000       | 72.610      | -2.39      | -3.19   | 1.2280 | .002    | 1        |
| S4        | 150.00       | 148.24      | -1.76      | -1.17   | 2.4835 | .004    | 1        |
| S5        | 300.00       | 305.79      | 5.79       | 1.93    | 5.0988 | .022    | 1        |

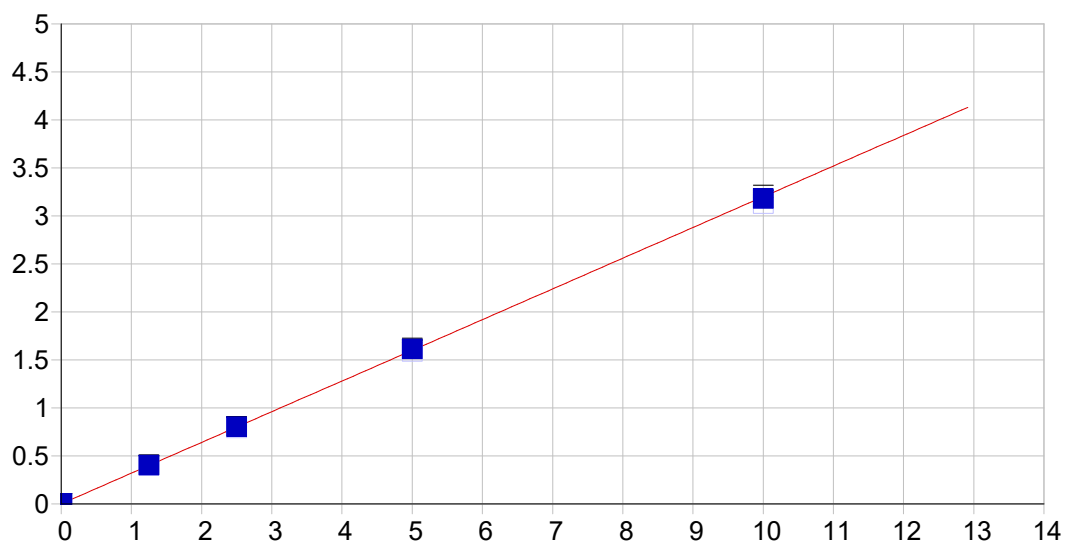


**P 177.495 {490}**

Date of Fit: 11/14/2021 13:45:19      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000838 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.034355  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999953  | Status:   | OK.      |
| Std Error of Est: | 0.000356  |           |          |
| Predicted MDL:    | 0.005573  |           |          |
| Predicted MQL:    | 0.018575  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00013      | .000       | .000    | -.00083 | .000    | 1        |
| S1        | 5.0000       | 4.8337      | -.166      | -3.33   | .16522  | .000    | 1        |
| S2        | 10.000       | 9.9667      | -.033      | -.333   | .34015  | .002    | 1        |
| S3        | 20.000       | 20.022      | .022       | .111    | .68420  | .001    | 1        |
| S4        | 40.000       | 40.533      | .533       | 1.33    | 1.3860  | .007    | 1        |
| S5        | 80.000       | 79.645      | -.355      | -.444   | 2.7240  | .014    | 1        |



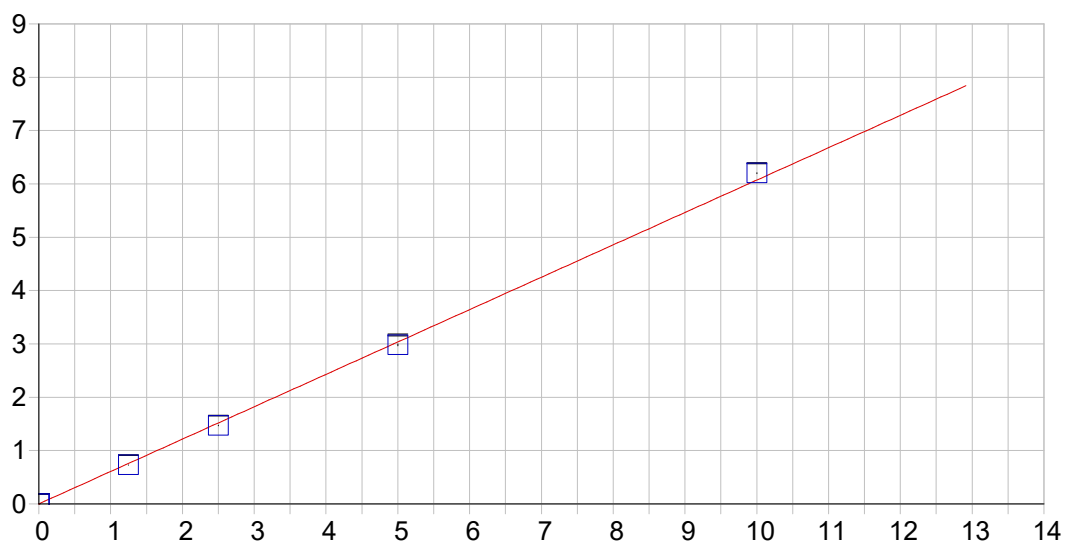
**B 249.678 {135}**

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000707 Re-Slope: 1.000000  
 A1 (Gain): 0.319842 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999968 Status: OK.  
 Std Error of Est: 0.000042  
 Predicted MDL: 0.001334  
 Predicted MQL: 0.004447

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00071 | .000    | 1        |
| S1        | .01000       | .01161      | .002       | 16.1    | .00444 | .000    | 1        |
| S2        | 1.2500       | 1.2564      | .006       | .512    | .39598 | .003    | 1        |
| S3        | 2.5000       | 2.5108      | .011       | .431    | .79059 | .003    | 1        |
| S4        | 5.0000       | 5.0448      | .045       | .896    | 1.5879 | .007    | 1        |
| S5        | 10.000       | 9.9364      | -.064      | -.636   | 3.1261 | .038    | 1        |



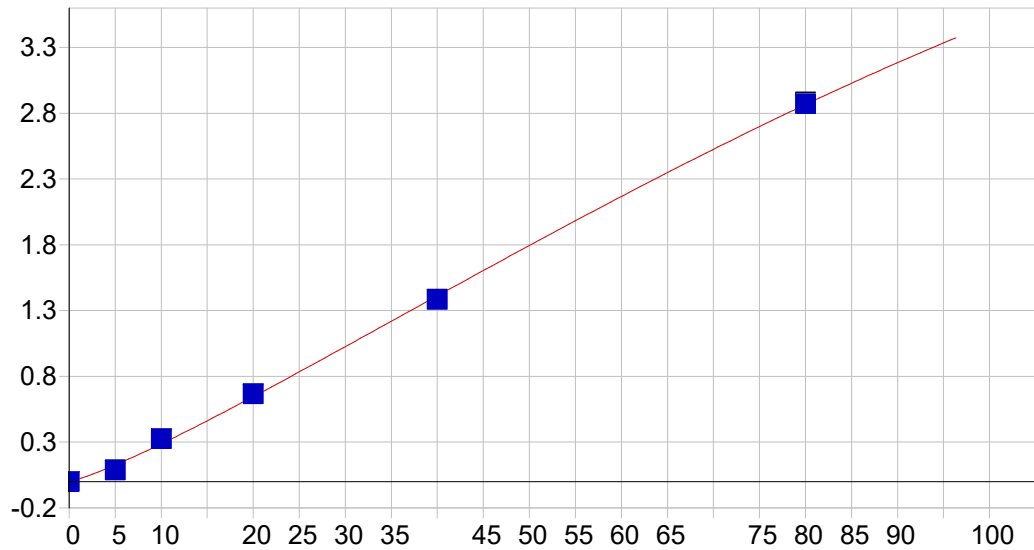


Mo 202.030 {467}

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000304 Re-Slope: 1.000000  
 A1 (Gain): 0.607103 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999711 Status: OK.  
 Std Error of Est: 0.000245  
 Predicted MDL: 0.000577  
 Predicted MQL: 0.001923

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00030 | .000    | 1        |
| S1        | .01000       | .01015      | .000       | 1.50    | .00647 | .000    | 1        |
| S2        | 1.2500       | 1.2003      | -.050      | -3.97   | .72903 | .001    | 1        |
| S3        | 2.5000       | 2.4181      | -.082      | -3.28   | 1.4683 | .005    | 1        |
| S4        | 5.0000       | 4.9145      | -.085      | -1.71   | 2.9839 | .019    | 1        |
| S5        | 10.000       | 10.217      | .217       | 2.17    | 6.2030 | .009    | 1        |

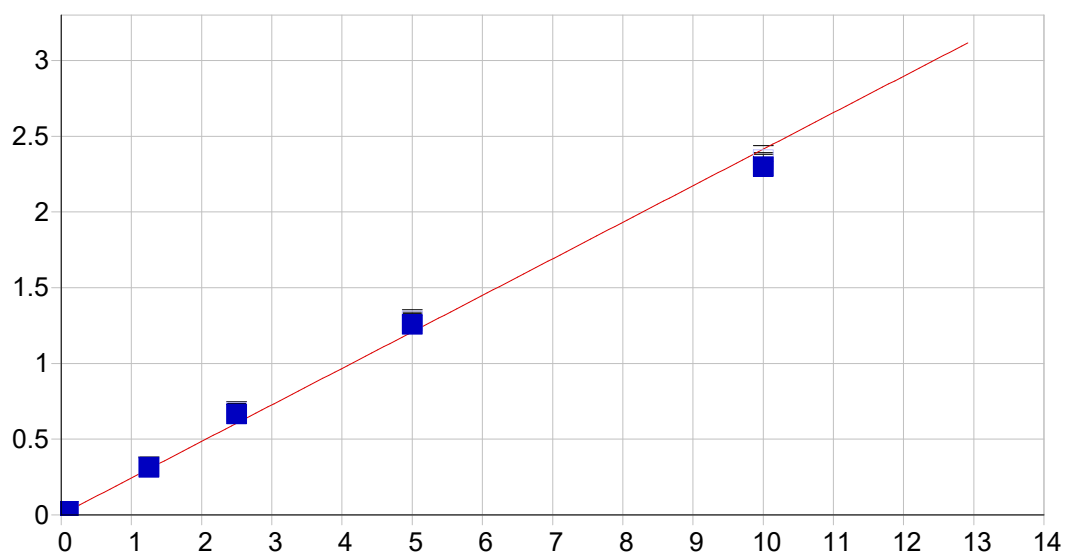


**S 182.034 {485}**

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000179 Re-Slope: 1.000000  
 A1 (Gain): 0.018394 Y-int: 0.000000  
 A2 (Curvature): -0.000018  
 n (Exponent): 1.200000  
 Correlation: 0.998671 Status: OK.  
 Std Error of Est: 0.002713  
 Predicted MDL: 0.009694  
 Predicted MQL: 0.032313

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00319      | .003       | .000    | .00020 | .000    | 1        |
| S1        | 5.0000       | 3.6510      | -1.35      | -27.0   | .08678 | .000    | 1        |
| S2        | 10.000       | 11.098      | 1.10       | 11.0    | .32467 | .001    | 1        |
| S3        | 20.000       | 20.547      | .547       | 2.73    | .66635 | .001    | 1        |
| S4        | 40.000       | 39.292      | -.708      | -1.77   | 1.3849 | .002    | 1        |
| S5        | 80.000       | 80.188      | .188       | .235    | 2.8728 | .011    | 1        |

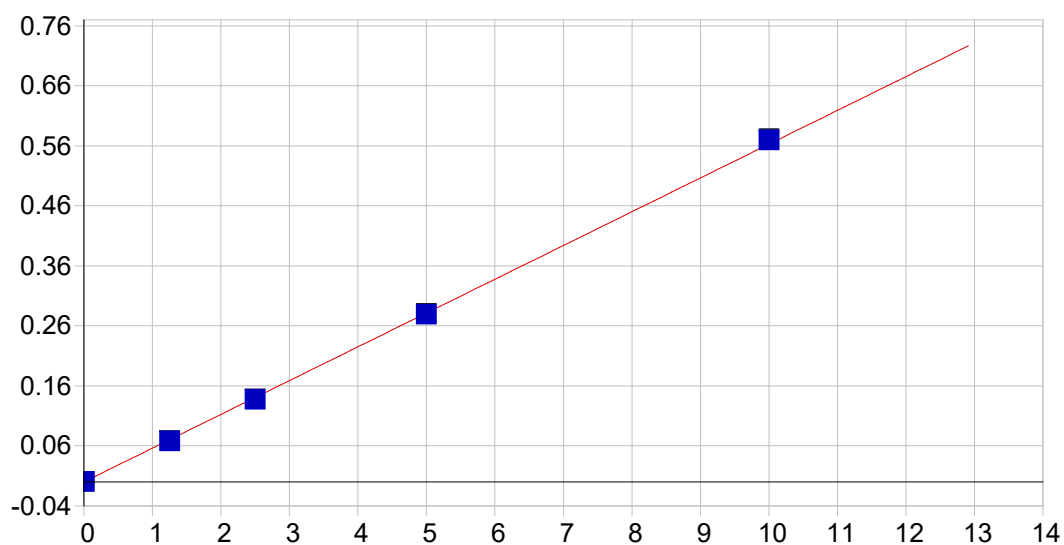


Si 251.611 {134}

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002626 Re-Slope: 1.000000  
 A1 (Gain): 0.241138 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998525 Status: OK.  
 Std Error of Est: 0.000710  
 Predicted MDL: 0.001528  
 Predicted MQL: 0.005093

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00262 | .000    | 1        |
| S1        | .10000       | .09521      | -.005      | -4.79   | .02585 | .000    | 1        |
| S2        | 1.2500       | 1.2821      | .032       | 2.57    | .31766 | .001    | 1        |
| S3        | 2.5000       | 2.7518      | .252       | 10.1    | .67794 | .004    | 1        |
| S4        | 5.0000       | 5.2032      | .203       | 4.06    | 1.2808 | .007    | 1        |
| S5        | 10.000       | 9.5177      | -.482      | -4.82   | 2.3447 | .029    | 1        |

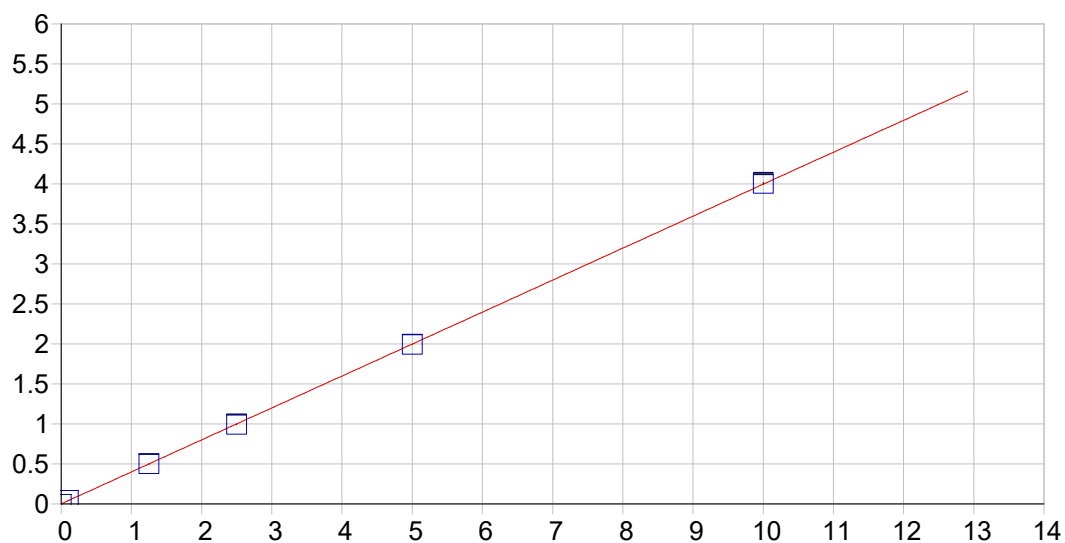


**Sn 189.989 {478}**

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000053 Re-Slope: 1.000000  
 A1 (Gain): 0.056286 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999874 Status: OK.  
 Std Error of Est: 0.000013  
 Predicted MDL: 0.003069  
 Predicted MQL: 0.010230

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00005 | .000    | 1        |
| S1        | .00700       | .00816      | .001       | 16.6    | .00039  | .000    | 1        |
| S2        | 1.2500       | 1.2094      | -.041      | -3.25   | .06783  | .000    | 1        |
| S3        | 2.5000       | 2.4441      | -.056      | -2.24   | .13713  | .000    | 1        |
| S4        | 5.0000       | 4.9651      | -.035      | -.699   | .27864  | .001    | 1        |
| S5        | 10.000       | 10.130      | .130       | 1.30    | .56861  | .002    | 1        |

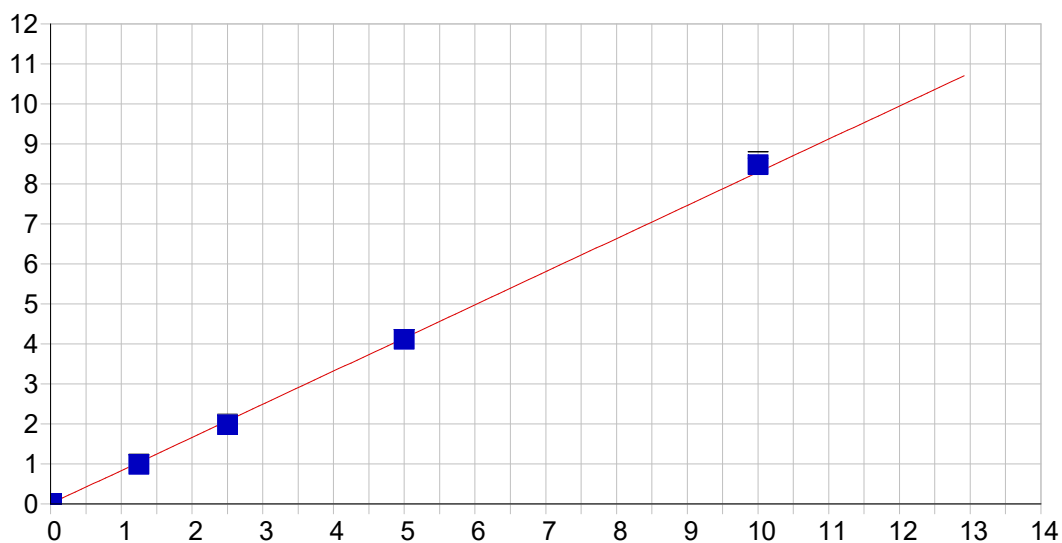


Ti 336.121 {100}

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000789 Re-Slope: 1.000000  
 A1 (Gain): 0.399499 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999985 Status: OK.  
 Std Error of Est: 0.000115  
 Predicted MDL: 0.001443  
 Predicted MQL: 0.004809

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00079 | .001    | 1        |
| S1        | .10000       | .10581      | .006       | 5.81    | .04306 | .001    | 1        |
| S2        | 1.2500       | 1.2531      | .003       | .246    | .50139 | .000    | 1        |
| S3        | 2.5000       | 2.4821      | -.018      | -.716   | .99238 | .006    | 1        |
| S4        | 5.0000       | 4.9874      | -.013      | -.253   | 1.9932 | .002    | 1        |
| S5        | 10.000       | 10.022      | .022       | .217    | 4.0044 | .014    | 1        |

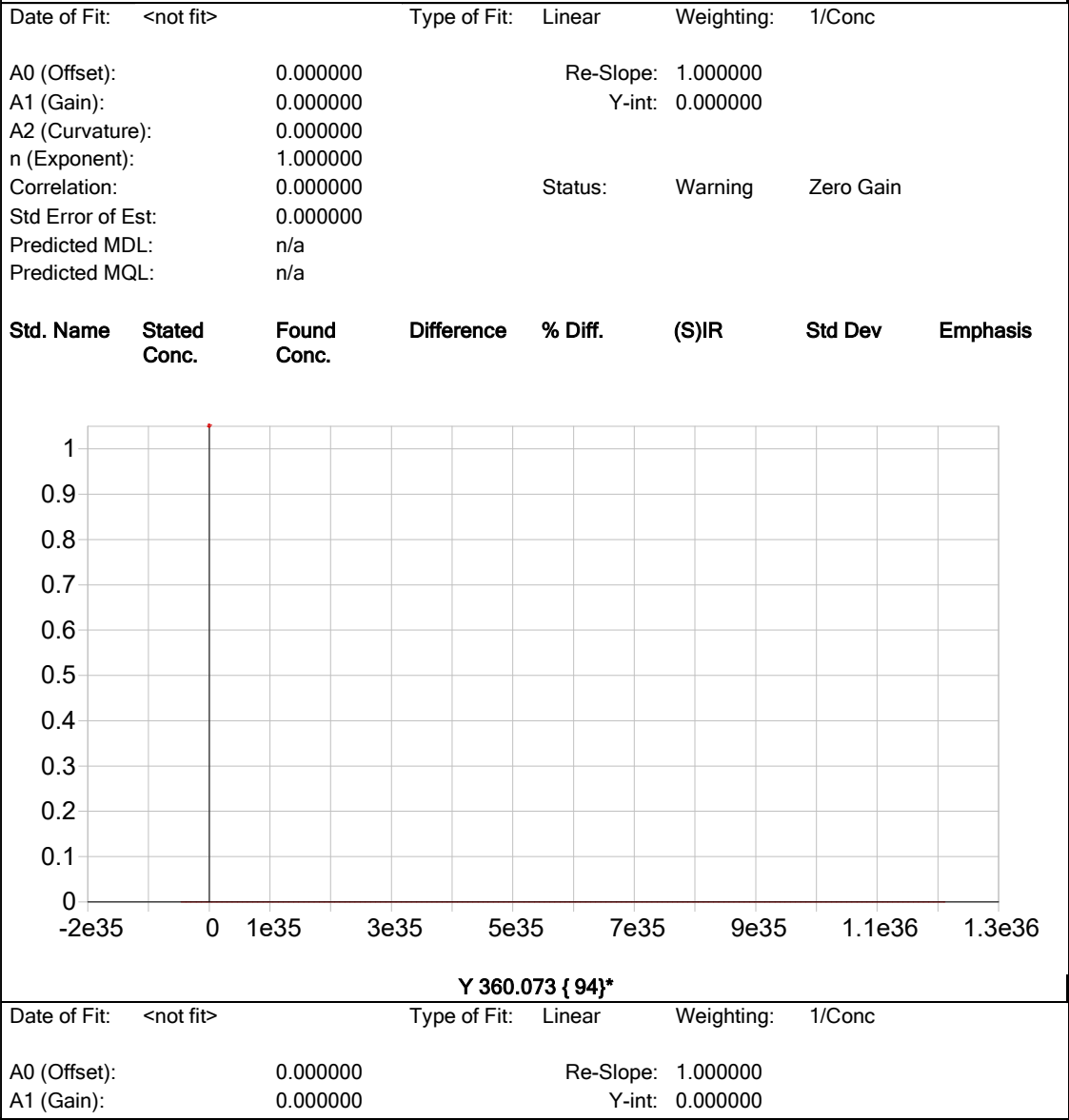
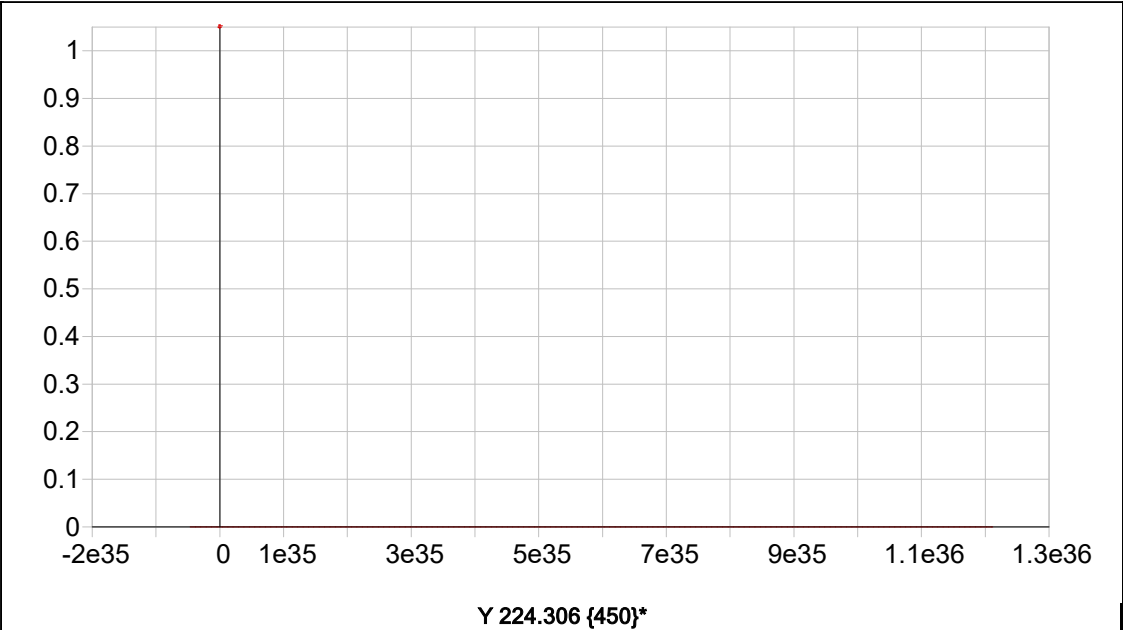


Li 670.784 { 50}

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005395 Re-Slope: 1.000000  
 A1 (Gain): 0.828518 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999598 Status: OK.  
 Std Error of Est: 0.000482  
 Predicted MDL: 0.001887  
 Predicted MQL: 0.006289

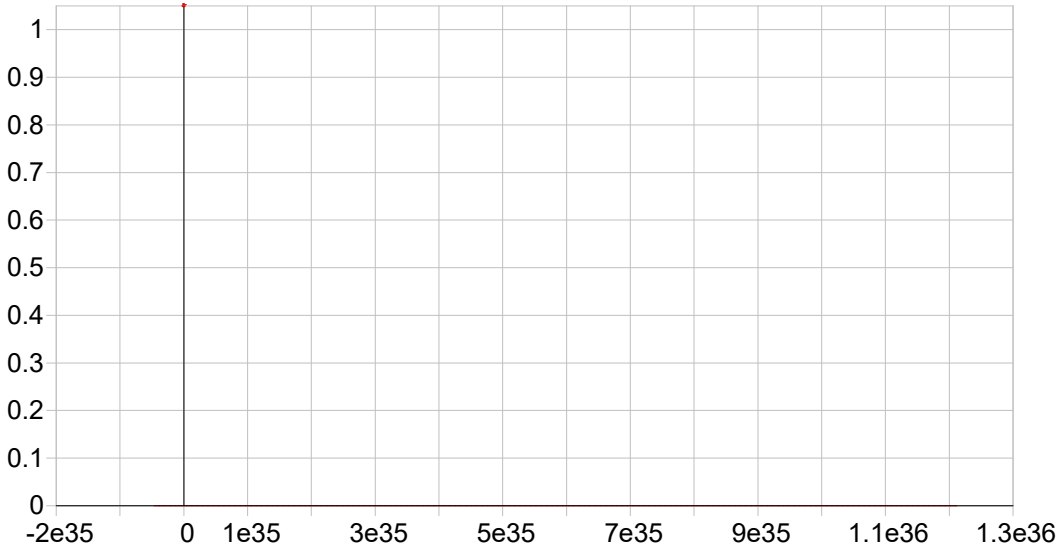
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00540 | .002    | 1        |
| S5        | 10.000       | 10.231      | .231       | 2.31    | 8.4730 | .082    | 1        |
| S4        | 5.0000       | 4.9562      | -.044      | -.877   | 4.1072 | .003    | 1        |
| S3        | 2.5000       | 2.3807      | -.119      | -4.77   | 1.9756 | .013    | 1        |
| S2        | 1.2500       | 1.1825      | -.068      | -5.40   | .98396 | .009    | 1        |
| S1        | .01500       | .01465      | -.000      | -2.32   | .01747 | .001    | 1        |



A2 (Curvature):0.000000  
n (Exponent):1.000000  
Correlation:0.000000  
Std Error of Est:0.000000  
Predicted MDL:n/a  
Predicted MQL:n/a

Status:WarningZero Gain

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



Y 371.030 { 91}\*

Date of Fit:<not fit>

Type of Fit:Linear

Weighting:1/Conc

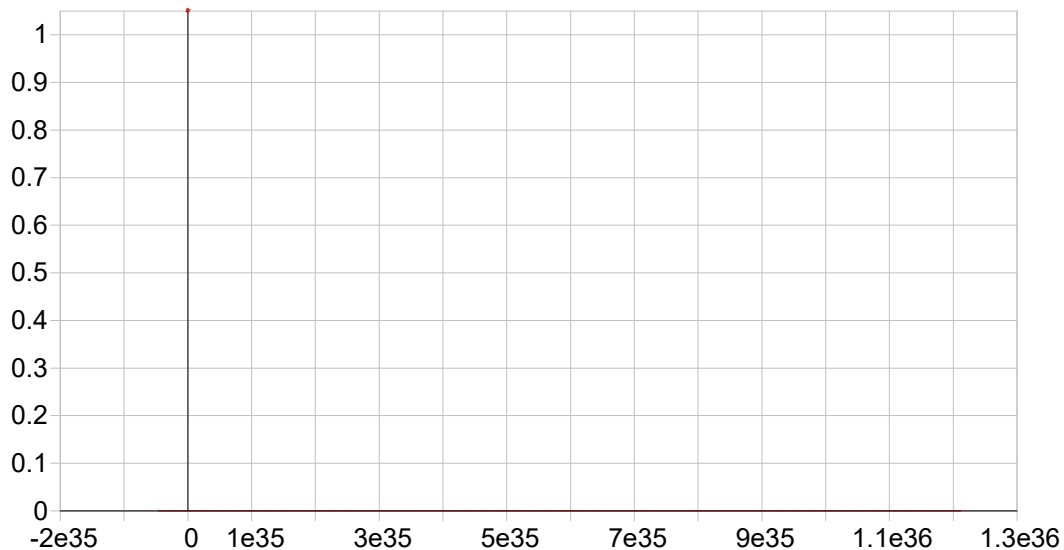
A0 (Offset):0.000000  
A1 (Gain):0.000000  
A2 (Curvature):0.000000  
n (Exponent):1.000000  
Correlation:0.000000  
Std Error of Est:0.000000  
Predicted MDL:n/a  
Predicted MQL:n/a

Re-Slope: 1.000000  
Y-int: 0.000000

Status:WarningZero Gain

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





**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       |              |           |            |           |

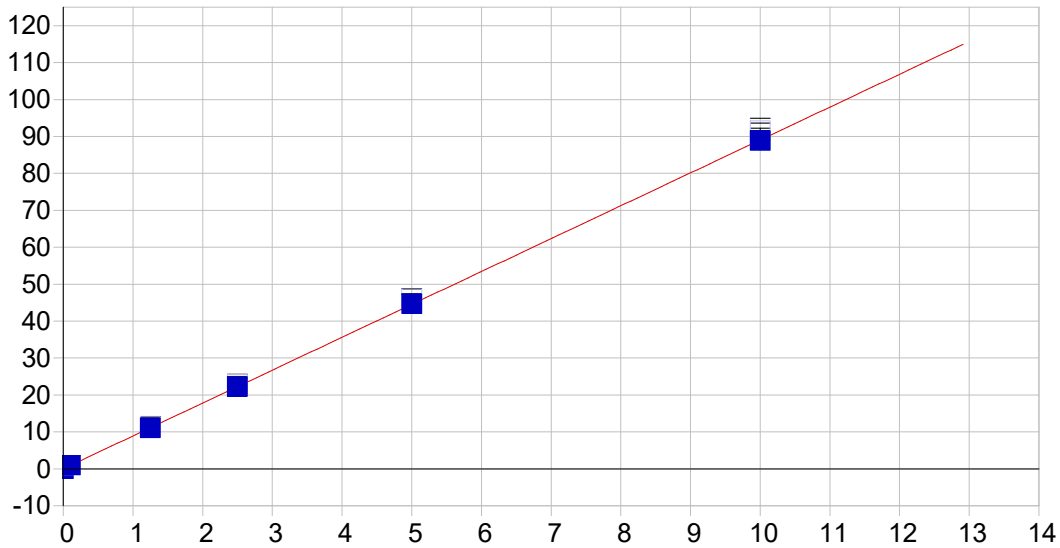
**In 230.606 {446}\***

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

A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.000000  
 Std Error of Est: 0.000000  
 Predicted MDL: n/a  
 Predicted MQL: n/a

Status: Warning Zero Gain

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



Sr 407.771 { 83}

Date of Fit: 11/14/2021 13:45:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000883  
 A1 (Gain): 8.903272  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999974  
 Std Error of Est: 0.003486  
 Predicted MDL: 0.000096  
 Predicted MQL: 0.000321

Re-Slope: 1.000000  
 Y-int: 0.000000

Status: OK.

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00097 | .001    | 1        |
| S1        | .10000       | .10960      | .010       | 9.60    | .97576  | .003    | 1        |
| S2        | 1.2500       | 1.2465      | -.004      | -.282   | 11.431  | .026    | 1        |
| S3        | 2.5000       | 2.4928      | -.007      | -.287   | 22.861  | .029    | 1        |
| S4        | 5.0000       | 5.0159      | .016       | .317    | 45.992  | .050    | 1        |
| S5        | 10.000       | 9.9855      | -.014      | -.145   | 91.574  | .644    | 1        |