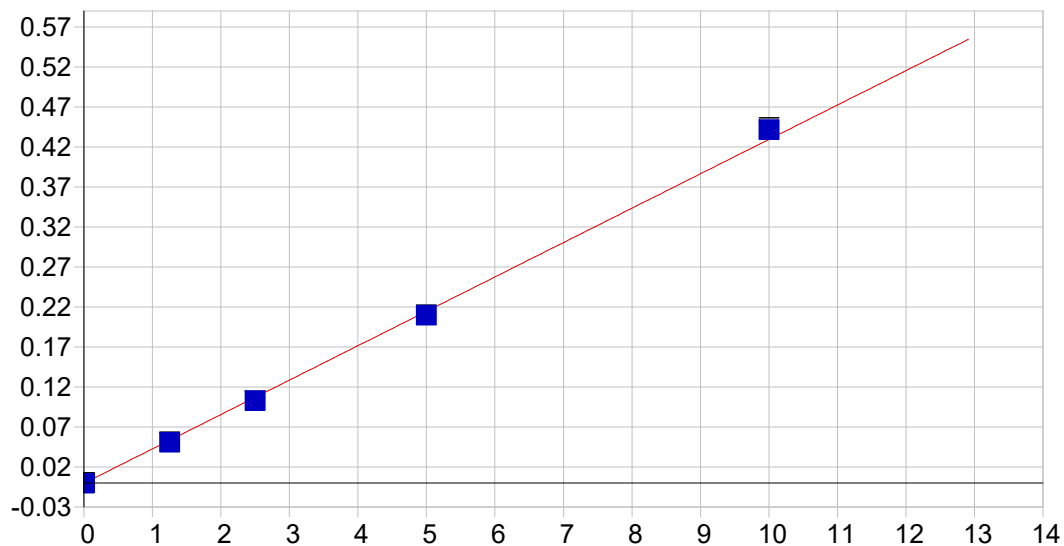


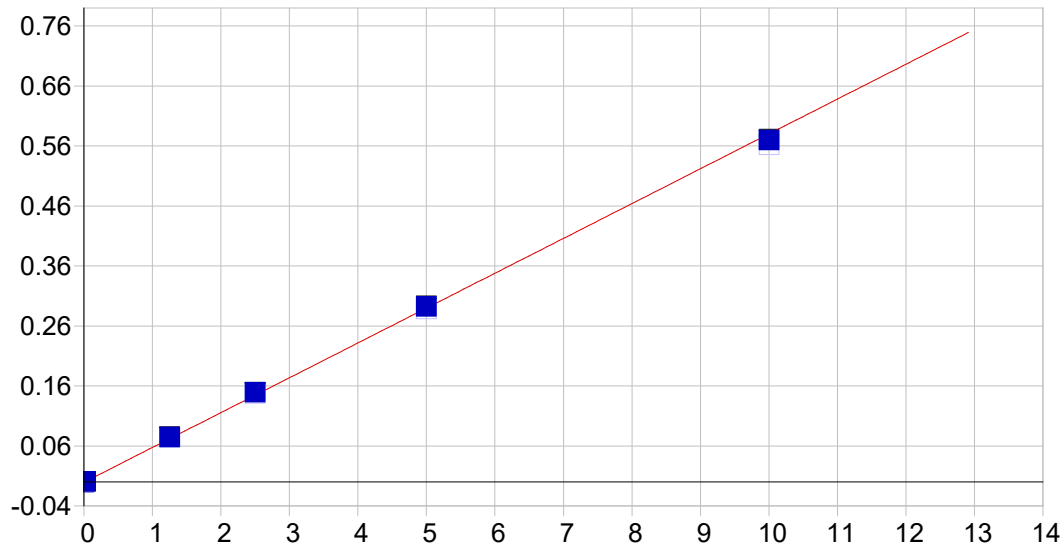


### As 189.042 {479}

Date of Fit: 01/20/2023 18:05:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000362 Re-Slope: 1.000000  
 A1 (Gain): 0.042984 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999517 Status: OK.  
 Std Error of Est: 0.000022  
 Predicted MDL: 0.006620  
 Predicted MQL: 0.022065

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00036 | .000    | 1        |
| S1        | .01000       | .00962      | -.000      | -3.83   | .00005  | .000    | 1        |
| S2        | 1.2500       | 1.1877      | -.062      | -4.99   | .05070  | .000    | 1        |
| S3        | 2.5000       | 2.3979      | -.102      | -4.08   | .10273  | .000    | 1        |
| S4        | 5.0000       | 4.8813      | -.119      | -2.37   | .20949  | .001    | 1        |
| S5        | 10.000       | 10.284      | .284       | 2.84    | .44174  | .002    | 1        |

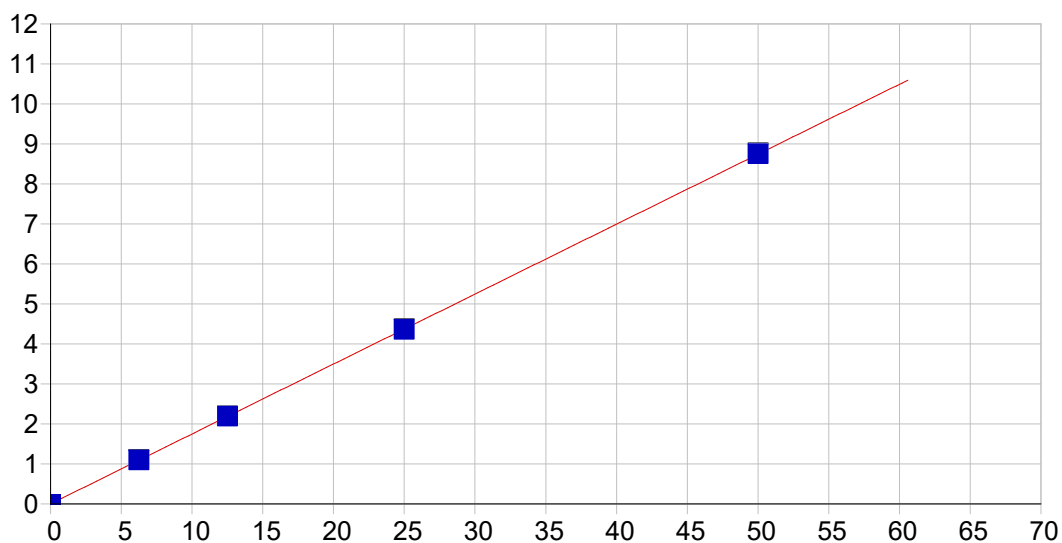


TI 190.856 {477}

Date of Fit: 01/20/2023 18:05:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000680 Re-Slope: 1.000000  
 A1 (Gain): 0.058079 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999781 Status: OK.  
 Std Error of Est: 0.000032  
 Predicted MDL: 0.004060  
 Predicted MQL: 0.013533

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00068 | .000    | 1        |
| S1        | .02500       | .02482      | -.000      | -.730   | .00068  | .000    | 1        |
| S2        | 1.2500       | 1.2956      | .046       | 3.65    | .07352  | .000    | 1        |
| S3        | 2.5000       | 2.5828      | .083       | 3.31    | .14723  | .000    | 1        |
| S4        | 5.0000       | 5.0481      | .048       | .962    | .28831  | .001    | 1        |
| S5        | 10.000       | 9.8236      | -.176      | -1.76   | .56147  | .001    | 1        |

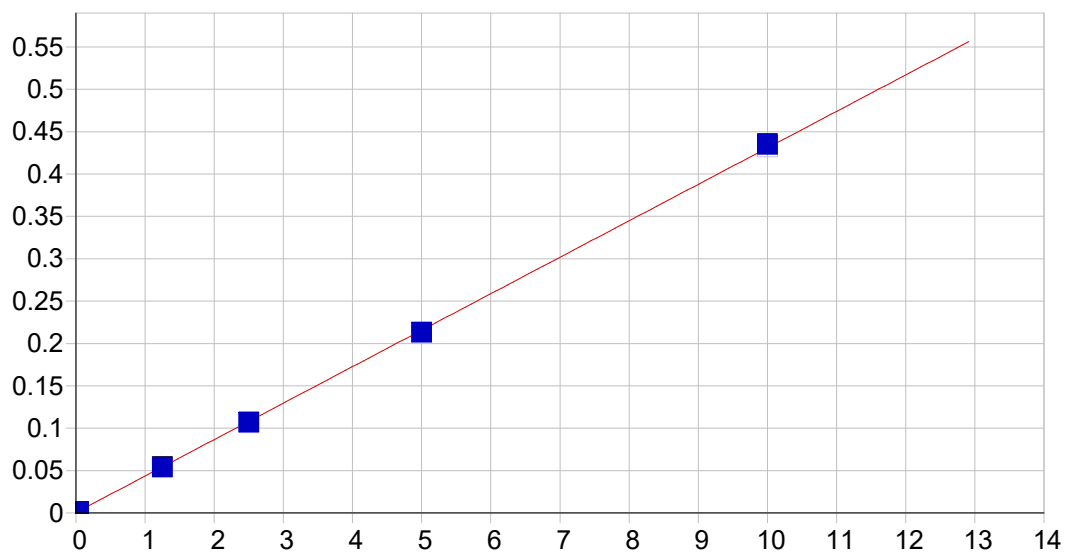


### Pb 220.353 {453}

Date of Fit: 01/20/2023 18:05:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000854 Re-Slope: 1.000000  
 A1 (Gain): 0.174822 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999998 Status: OK.  
 Std Error of Est: 0.000013  
 Predicted MDL: 0.002565  
 Predicted MQL: 0.008549

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00085 | .000    | 1        |
| S1        | .01000       | .00880      | -.001      | -12.0   | .00240 | .000    | 1        |
| S2        | 6.2500       | 6.2611      | .011       | .178    | 1.0975 | .003    | 1        |
| S3        | 12.500       | 12.513      | .013       | .106    | 2.1926 | .003    | 1        |
| S4        | 25.000       | 24.941      | -.059      | -.237   | 4.3693 | .010    | 1        |
| S5        | 50.000       | 50.036      | .036       | .072    | 8.7648 | .009    | 1        |

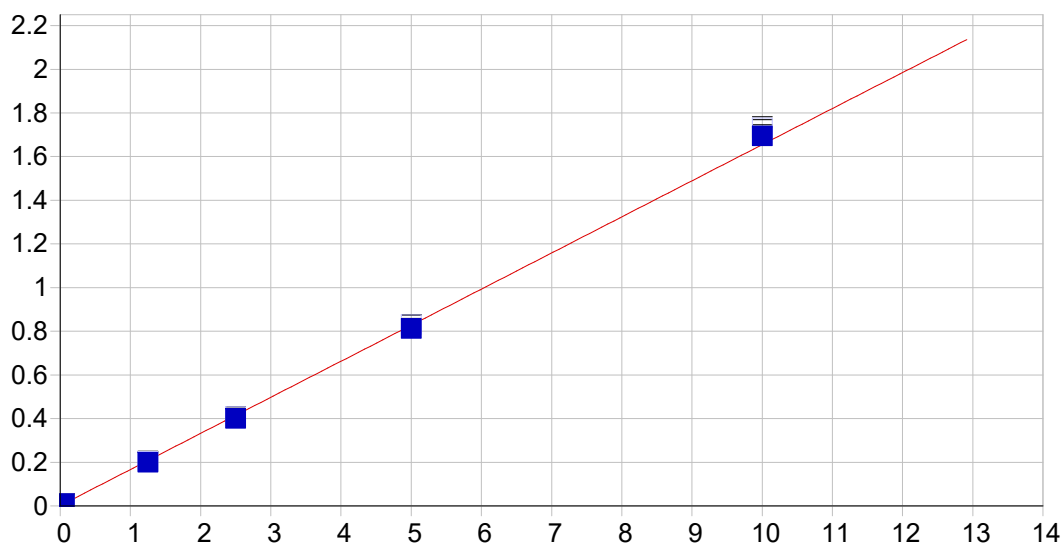


Se 196.090 {472}

Date of Fit: 01/20/2023 18:05:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000479 Re-Slope: 1.000000  
 A1 (Gain): 0.043042 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999936 Status: OK.  
 Std Error of Est: 0.000015  
 Predicted MDL: 0.007147  
 Predicted MQL: 0.023822

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00048 | .000    | 1        |
| S1        | .03500       | .03883      | .004       | 10.9    | .00215 | .000    | 1        |
| S2        | 1.2500       | 1.2461      | -.004      | -.315   | .05374 | .000    | 1        |
| S3        | 2.5000       | 2.4708      | -.029      | -1.17   | .10609 | .000    | 1        |
| S4        | 5.0000       | 4.9384      | -.062      | -1.23   | .21156 | .001    | 1        |
| S5        | 10.000       | 10.091      | .091       | .908    | .43186 | .001    | 1        |

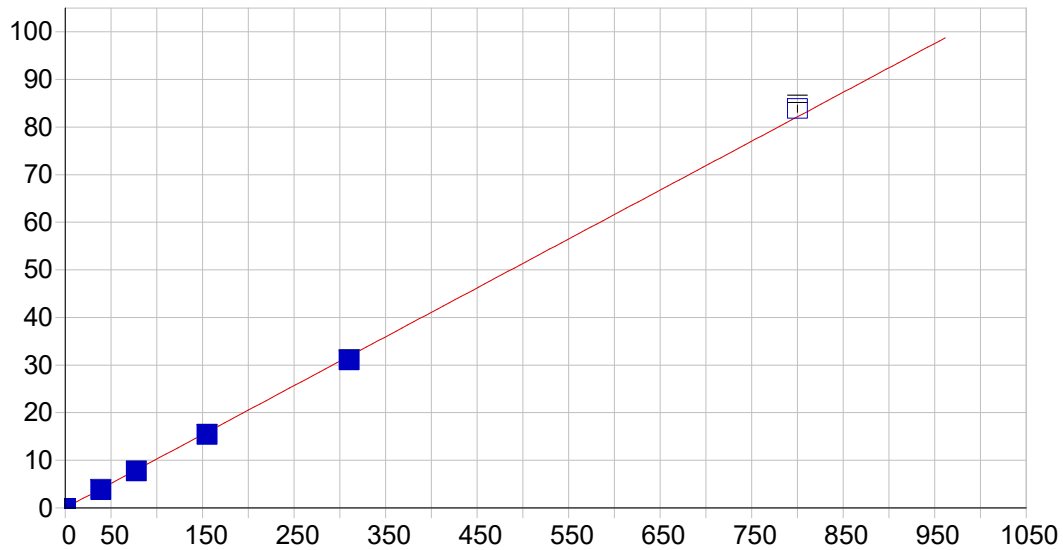


**Sb 206.833 {463}**

Date of Fit: 01/20/2023 18:05:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001344 Re-Slope: 1.000000  
 A1 (Gain): 0.165318 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999669 Status: OK.  
 Std Error of Est: 0.000179  
 Predicted MDL: 0.002663  
 Predicted MQL: 0.008877

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00135 | .001    | 1        |
| S1        | .06000       | .05646      | -.004      | -5.90   | .01069 | .000    | 1        |
| S2        | 1.2500       | 1.2004      | -.050      | -3.97   | .20434 | .001    | 1        |
| S3        | 2.5000       | 2.4109      | -.089      | -3.56   | .40900 | .001    | 1        |
| S4        | 5.0000       | 4.9023      | -.098      | -1.95   | .82996 | .002    | 1        |
| S5        | 10.000       | 10.240      | .240       | 2.40    | 1.7306 | .007    | 1        |

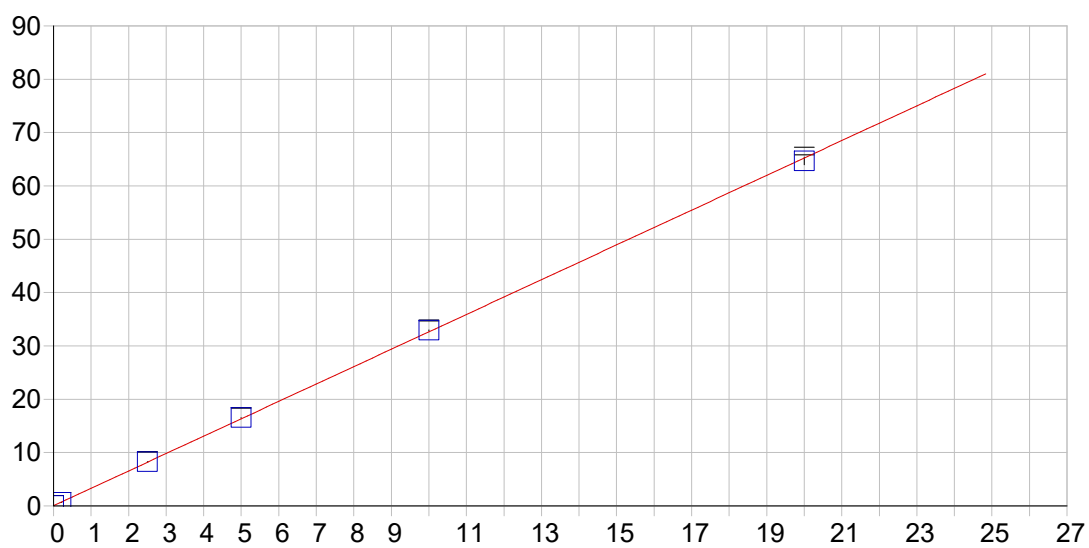


AI 396.152 { 85}

Date of Fit: 01/20/2023 18:05:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000782 Re-Slope: 1.000000  
A1 (Gain): 0.102706 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999705 Status: OK.  
Std Error of Est: 0.001552  
Predicted MDL: 0.010244  
Predicted MQL: 0.034146

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00003      | .000       | .000    | .00079 | .000    | 1        |
| S1        | .20000       | .18638      | -.014      | -6.81   | .01996 | .000    | 1        |
| S2        | 38.750       | 37.513      | -1.24      | -3.19   | 3.8580 | .014    | 1        |
| S3        | 77.500       | 75.017      | -2.48      | -3.20   | 7.7144 | .029    | 1        |
| S4        | 155.00       | 150.05      | -4.95      | -3.19   | 15.430 | .020    | 1        |
| S5        | 310.00       | 302.18      | -7.82      | -2.52   | 31.072 | .131    | 1        |
| S6        | 800.00       | 816.53      | 16.5       | 2.07    | 83.863 | .776    | 1        |

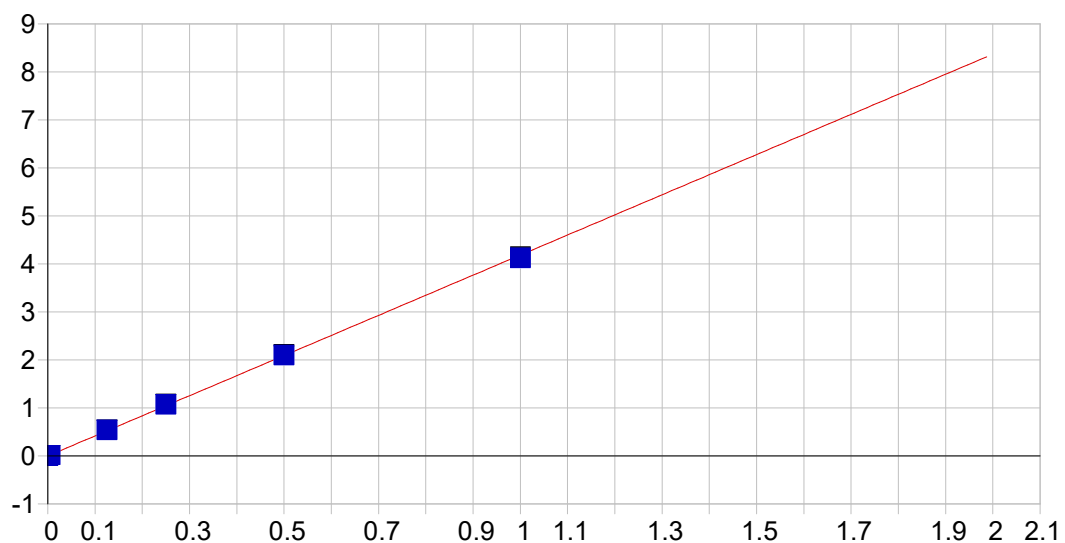


**Ba 493.409 { 68}**

Date of Fit: 01/20/2023 18:05:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.038475 Re-Slope: 1.000000  
 A1 (Gain): 3.260071 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999959 Status: OK.  
 Std Error of Est: 0.003130  
 Predicted MDL: 0.000982  
 Predicted MQL: 0.003273

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .03847 | .002    | 1        |
| S1        | .20000       | .19817      | -.002      | -.913   | .68454 | .001    | 1        |
| S2        | 2.5000       | 2.5231      | .023       | .922    | 8.2638 | .005    | 1        |
| S3        | 5.0000       | 5.0615      | .062       | 1.23    | 16.539 | .013    | 1        |
| S4        | 10.000       | 10.084      | .084       | .838    | 32.912 | .080    | 1        |
| S5        | 20.000       | 19.833      | -.167      | -.833   | 64.697 | .716    | 1        |



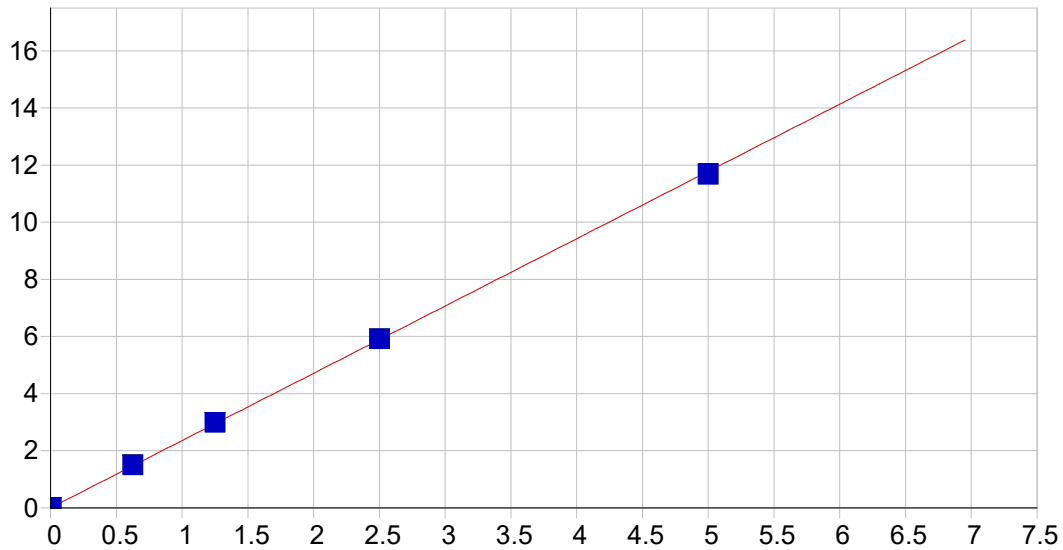
### Be 234.861 {144}

Date of Fit: 01/20/2023 18:05:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.002165 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 4.186359  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999847  | Status:   | OK.      |
| Std Error of Est: | 0.000274  |           |          |
| Predicted MDL:    | 0.000093  |           |          |
| Predicted MQL:    | 0.000310  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00217 | .000    | 1        |
| S1        | .00500       | .00510      | .000       | 2.02    | .01918  | .000    | 1        |
| S2        | .12500       | .12931      | .004       | 3.45    | .53762  | .002    | 1        |
| S3        | .25000       | .25749      | .007       | 3.00    | 1.0727  | .004    | 1        |
| S4        | .50000       | .50186      | .002       | .372    | 2.0926  | .013    | 1        |
| S5        | 1.0000       | .98624      | -.014      | -1.38   | 4.1142  | .023    | 1        |



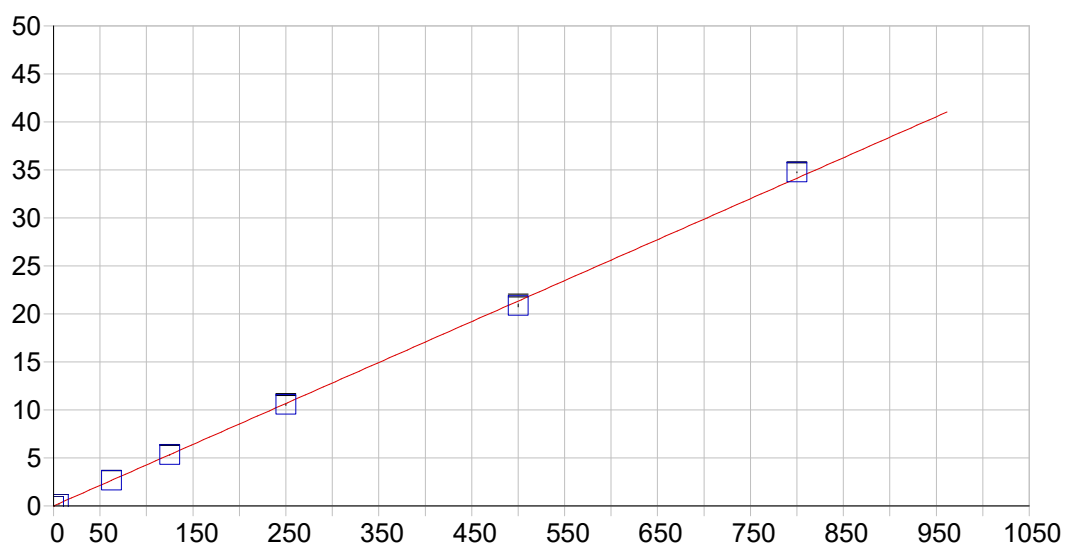


**Cd 214.438 {457}**

Date of Fit: 01/20/2023 18:05:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000787 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.356198 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999944 | Status:   | OK.      |
| Std Error of Est: | 0.000209 |           |          |
| Predicted MDL:    | 0.000132 |           |          |
| Predicted MQL:    | 0.000441 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00079 | .000    | 1        |
| S1        | .00500       | .00506      | .000       | 1.10    | .01270 | .000    | 1        |
| S2        | .62500       | .63836      | .013       | 2.14    | 1.5049 | .003    | 1        |
| S3        | 1.2500       | 1.2699      | .020       | 1.59    | 2.9929 | .000    | 1        |
| S4        | 2.5000       | 2.5114      | .011       | .456    | 5.9182 | .013    | 1        |
| S5        | 5.0000       | 4.9553      | -.045      | -.894   | 11.676 | .015    | 1        |

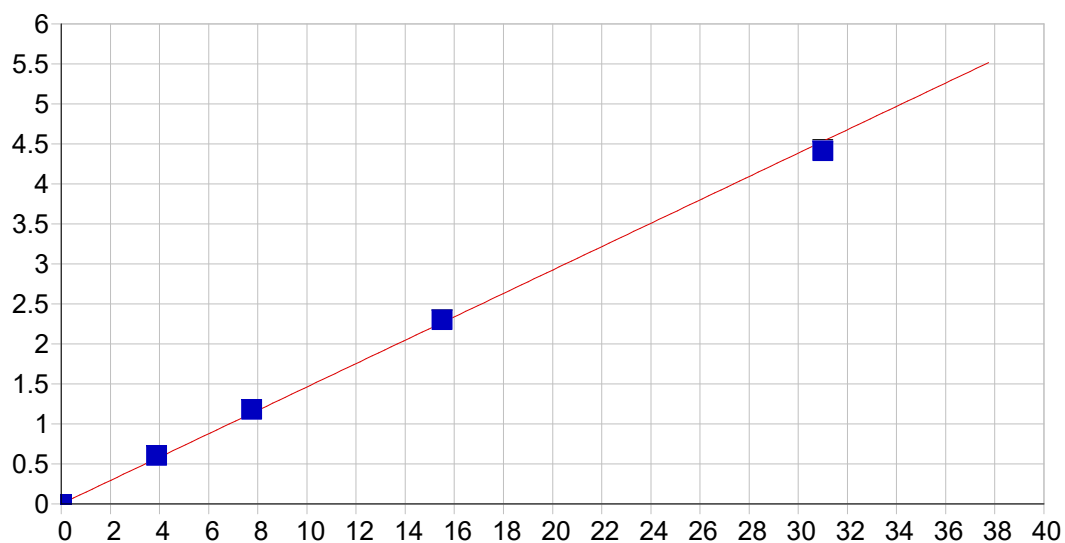


Ca 373.690 { 90}

Date of Fit: 01/20/2023 18:05:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003752 Re-Slope: 1.000000  
 A1 (Gain): 0.042667 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999846 Status: OK.  
 Std Error of Est: 0.002614  
 Predicted MDL: 0.019020  
 Predicted MQL: 0.063401

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00039      | .000       | .000    | .00377 | .000    | 1        |
| S1        | 5.0000       | 4.7360      | -.264      | -5.28   | .20582 | .001    | 1        |
| S2        | 62.500       | 62.057      | -.443      | -.709   | 2.6516 | .018    | 1        |
| S3        | 125.00       | 124.53      | -.472      | -.377   | 5.3170 | .054    | 1        |
| S4        | 250.00       | 247.48      | -2.52      | -1.01   | 10.563 | .090    | 1        |
| S5        | 500.00       | 489.25      | -10.8      | -2.15   | 20.879 | .160    | 1        |
| S6        | 800.00       | 814.45      | 14.5       | 1.81    | 34.754 | .038    | 1        |

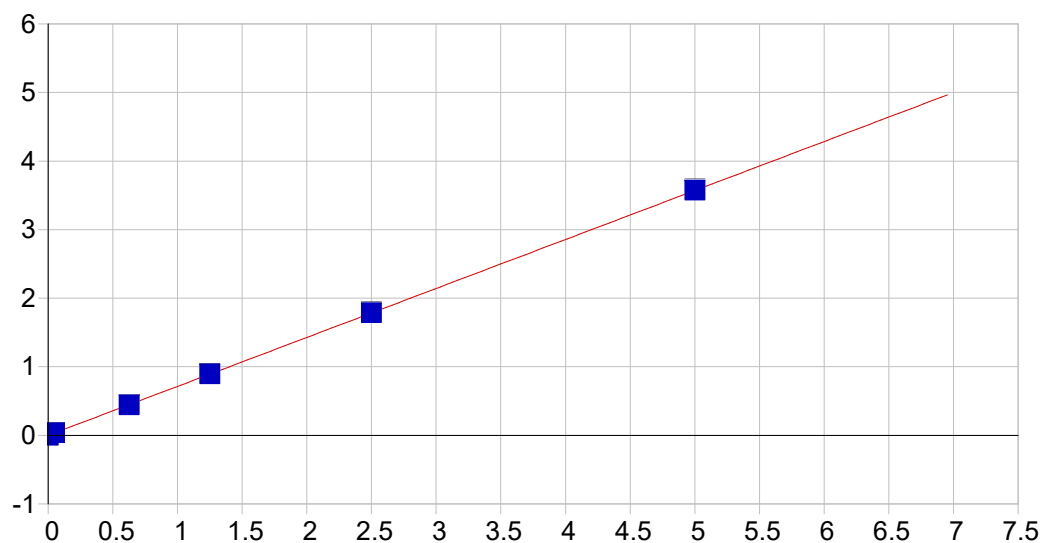


**Cr 267.716 {126}**

Date of Fit: 01/20/2023 18:05:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000081 Re-Slope: 1.000000  
 A1 (Gain): 0.146155 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999523 Status: OK.  
 Std Error of Est: 0.000133  
 Predicted MDL: 0.000545  
 Predicted MQL: 0.001816

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00008 | .000    | 1        |
| S1        | .01000       | .00989      | -.000      | -1.06   | .00153 | .000    | 1        |
| S2        | 3.8750       | 4.1370      | .262       | 6.76    | .60521 | .000    | 1        |
| S3        | 7.7500       | 8.0706      | .321       | 4.14    | 1.1806 | .001    | 1        |
| S4        | 15.500       | 15.728      | .228       | 1.47    | 2.3008 | .002    | 1        |
| S5        | 31.000       | 30.189      | -.811      | -2.62   | 4.4163 | .011    | 1        |

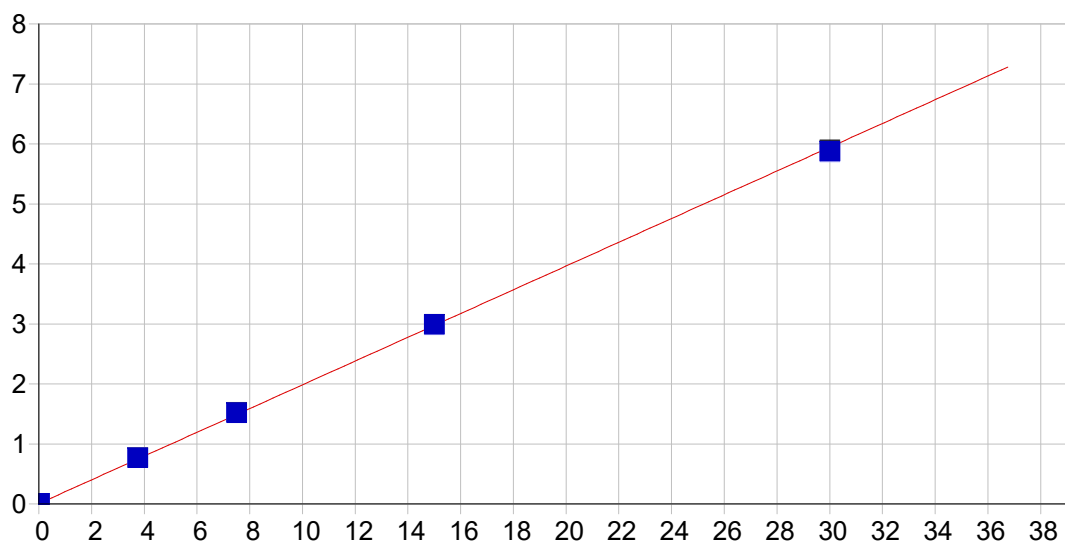


**Co 228.616 {448}**

Date of Fit: 01/20/2023 18:05:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000161 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.714056  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999996  | Status:   | OK.      |
| Std Error of Est: | 0.000054  |           |          |
| Predicted MDL:    | 0.000428  |           |          |
| Predicted MQL:    | 0.001428  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00016 | .000    | 1        |
| S1        | .05000       | .04827      | -.002      | -3.45   | .03445  | .000    | 1        |
| S2        | .62500       | .62219      | -.003      | -.450   | .44588  | .001    | 1        |
| S3        | 1.2500       | 1.2503      | .000       | .022    | .89614  | .001    | 1        |
| S4        | 2.5000       | 2.5029      | .003       | .115    | 1.7941  | .004    | 1        |
| S5        | 5.0000       | 5.0014      | .001       | .028    | 3.5853  | .007    | 1        |

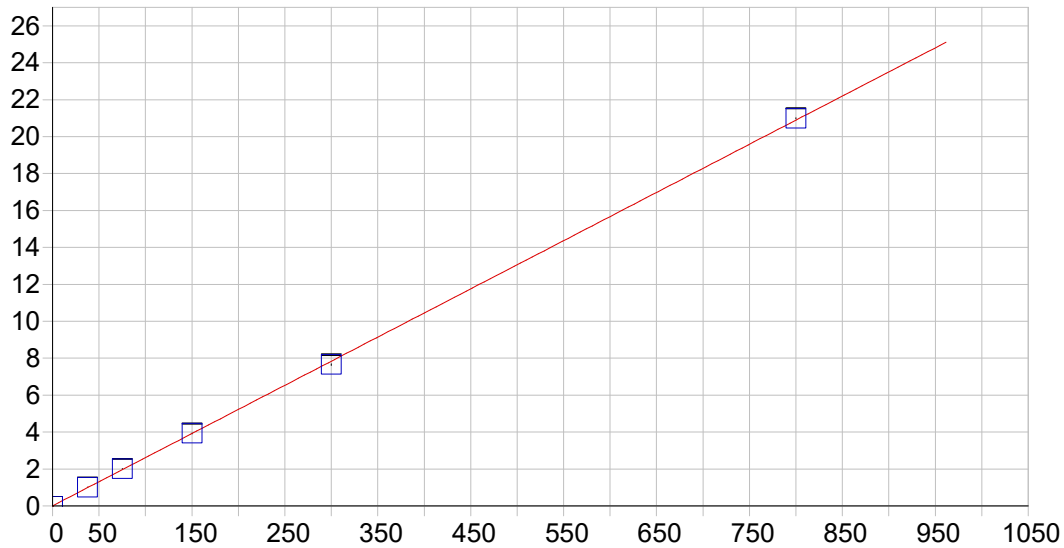


**Cu 324.754 {104}**

Date of Fit: 01/20/2023 18:05:00      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.005048      Re-Slope: 1.000000  
 A1 (Gain): 0.197980      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999893      Status: OK.  
 Std Error of Est: 0.000132  
 Predicted MDL: 0.002845  
 Predicted MQL: 0.009483

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00505 | .000    | 1        |
| S1        | .02500       | .01889      | -.006      | -24.4   | .00877 | .001    | 1        |
| S2        | 3.7500       | 3.8558      | .106       | 2.82    | .76622 | .002    | 1        |
| S3        | 7.5000       | 7.6553      | .155       | 2.07    | 1.5163 | .006    | 1        |
| S4        | 15.000       | 15.082      | .082       | .550    | 2.9823 | .003    | 1        |
| S5        | 30.000       | 29.663      | -.337      | -1.12   | 5.8601 | .022    | 1        |

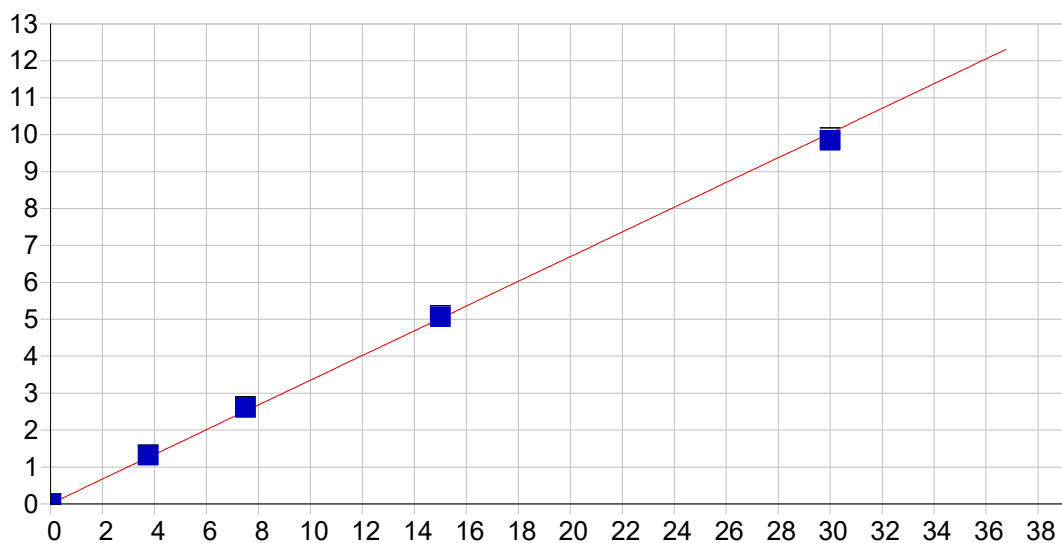


**Fe 259.837 {130}**

Date of Fit: 01/20/2023 18:05:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004084 Re-Slope: 1.000000  
 A1 (Gain): 0.026109 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999903 Status: OK.  
 Std Error of Est: 0.000159  
 Predicted MDL: 0.010895  
 Predicted MQL: 0.036317

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00408 | .000    | 1        |
| S1        | .10000       | .09373      | -.006      | -6.27   | .00653 | .000    | 1        |
| S2        | 37.500       | 38.592      | 1.09       | 2.91    | 1.0117 | .005    | 1        |
| S3        | 75.000       | 76.863      | 1.86       | 2.48    | 2.0109 | .021    | 1        |
| S4        | 150.00       | 150.18      | .185       | .123    | 3.9253 | .020    | 1        |
| S5        | 300.00       | 292.93      | -7.07      | -2.36   | 7.6523 | .049    | 1        |
| S6        | 800.00       | 803.94      | 3.94       | .492    | 20.994 | .030    | 1        |

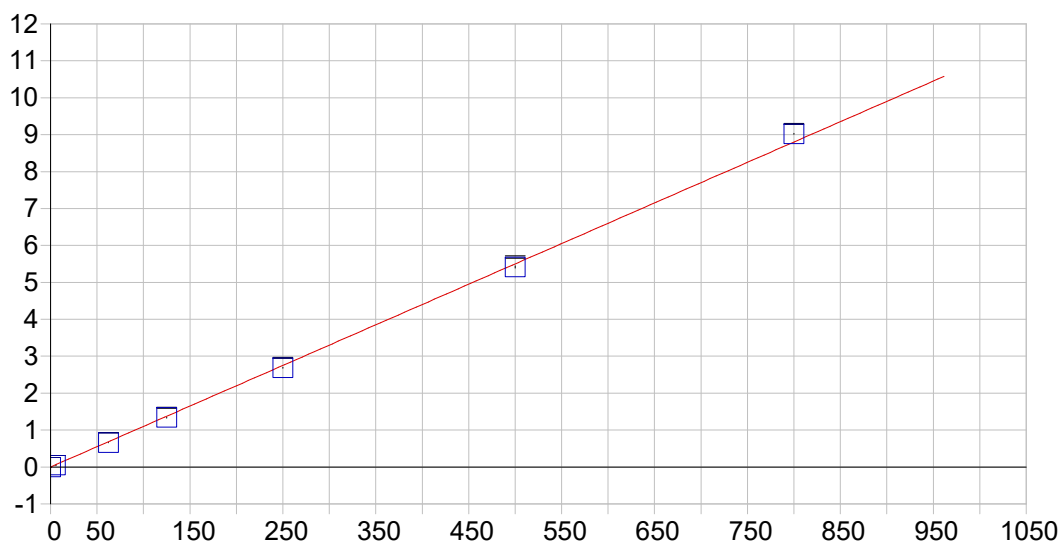


**Mn 257.610 {131}**

Date of Fit: 01/20/2023 18:05:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003235 Re-Slope: 1.000000  
 A1 (Gain): 0.334669 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999721 Status: OK.  
 Std Error of Est: 0.000281  
 Predicted MDL: 0.000742  
 Predicted MQL: 0.002472

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00324 | .000    | 1        |
| S1        | .01500       | .01451      | -.000      | -3.29   | .00809 | .000    | 1        |
| S2        | 3.7500       | 3.9228      | .173       | 4.61    | 1.3161 | .011    | 1        |
| S3        | 7.5000       | 7.7810      | .281       | 3.75    | 2.6073 | .029    | 1        |
| S4        | 15.000       | 15.138      | .138       | .918    | 5.0694 | .037    | 1        |
| S5        | 30.000       | 29.409      | -.591      | -1.97   | 9.8455 | .072    | 1        |



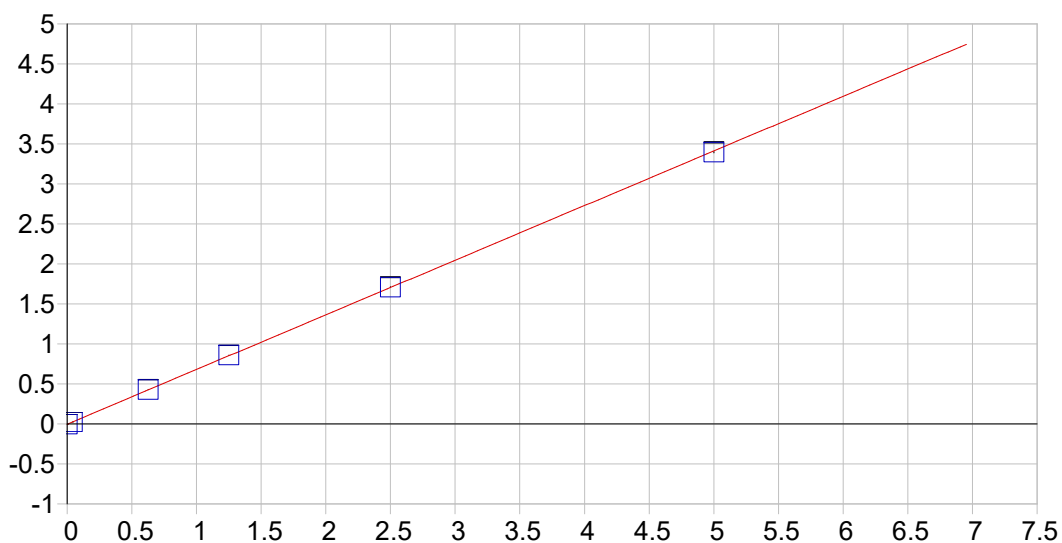
### Mg 279.079 {121}

Date of Fit: 01/20/2023 18:05:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000367 Re-Slope: 1.000000  
 A1 (Gain): 0.011002 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999715 Status: OK.  
 Std Error of Est: 0.000916  
 Predicted MDL: 0.031108  
 Predicted MQL: 0.103692

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00080      | .001       | .000    | -.00036 | .000    | 1        |
| S1        | 5.0000       | 4.6166      | -.383      | -7.67   | .05043  | .001    | 1        |
| S2        | 62.500       | 59.978      | -2.52      | -4.04   | .65952  | .005    | 1        |
| S3        | 125.00       | 121.51      | -3.49      | -2.79   | 1.3365  | .013    | 1        |
| S4        | 250.00       | 244.03      | -5.97      | -2.39   | 2.6845  | .013    | 1        |
| S5        | 500.00       | 492.32      | -7.68      | -1.54   | 5.4162  | .032    | 1        |
| S6        | 800.00       | 820.05      | 20.1       | 2.51    | 9.0219  | .011    | 1        |



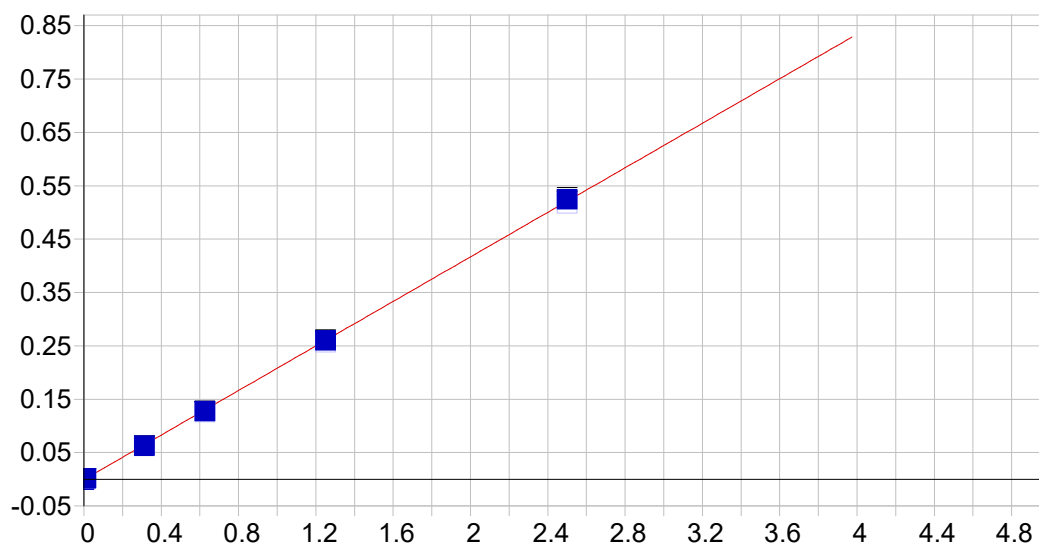


# Ni 231.604 {446}

Date of Fit: 01/20/2023 18:05:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002365 Re-Slope: 1.000000  
A1 (Gain): 0.682832 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999983 Status: OK.  
Std Error of Est: 0.000095  
Predicted MDL: 0.000581  
Predicted MQL: 0.001937

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00237 | .000    | 1        |
| S1        | .04000       | .03951      | -.000      | -1.21   | .02462  | .000    | 1        |
| S2        | .62500       | .63279      | .008       | 1.25    | .42972  | .001    | 1        |
| S3        | 1.2500       | 1.2601      | .010       | .807    | .85807  | .002    | 1        |
| S4        | 2.5000       | 2.5070      | .007       | .279    | 1.7095  | .005    | 1        |
| S5        | 5.0000       | 4.9756      | -.024      | -.488   | 3.3951  | .009    | 1        |

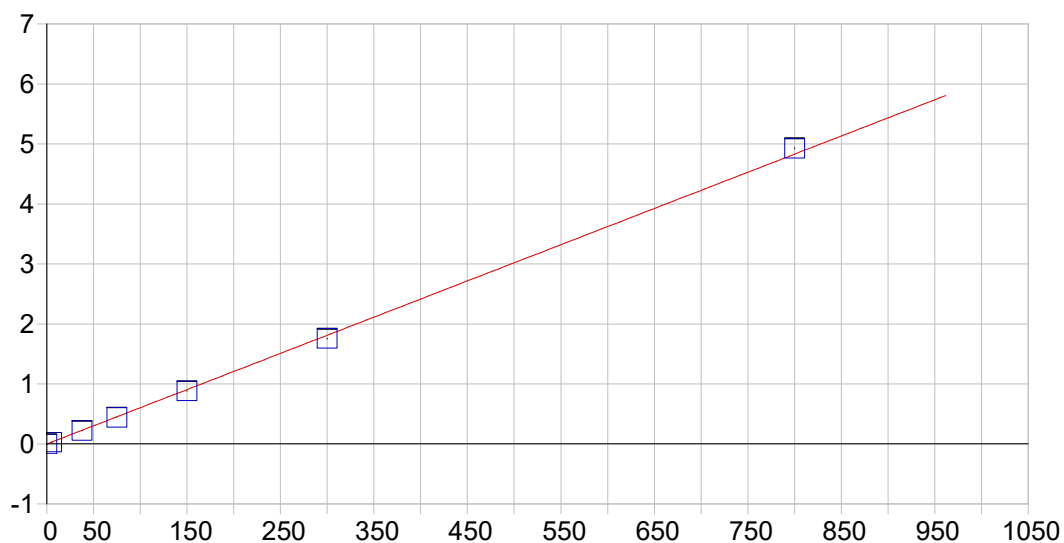


### Ag 328.068 {103}

Date of Fit: 01/20/2023 18:05:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000654 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.208708  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999948  | Status:   | OK.      |
| Std Error of Est: | 0.000018  |           |          |
| Predicted MDL:    | 0.000588  |           |          |
| Predicted MQL:    | 0.001961  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00065 | .000    | 1        |
| S1        | .01000       | .00996      | -.000      | -.403   | .00141  | .000    | 1        |
| S2        | .31250       | .30505      | -.007      | -2.38   | .06205  | .001    | 1        |
| S3        | .62500       | .61480      | -.010      | -1.63   | .12573  | .000    | 1        |
| S4        | 1.2500       | 1.2499      | -.000      | -.007   | .25635  | .001    | 1        |
| S5        | 2.5000       | 2.5178      | .018       | .711    | .51709  | .003    | 1        |

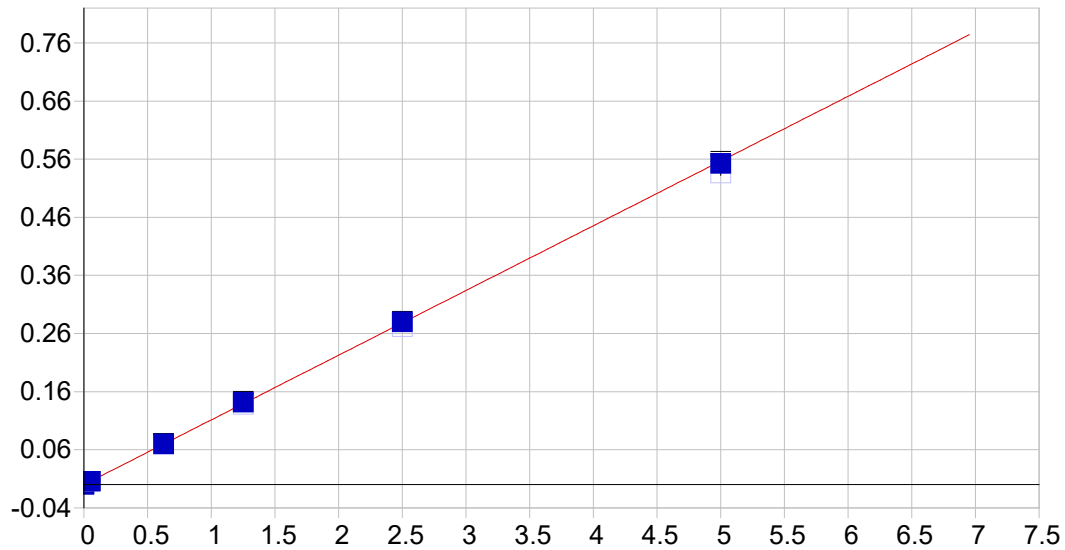


**Na 818.326 { 41}**

Date of Fit: 01/20/2023 18:05:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000527 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.006038  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999710  | Status:   | OK.      |
| Std Error of Est: | 0.000449  |           |          |
| Predicted MDL:    | 0.307018  |           |          |
| Predicted MQL:    | 1.023392  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00071      | .001       | .000    | -.00052 | .001    | 1        |
| S1        | 5.0000       | 4.7130      | -.287      | -5.74   | .02793  | .001    | 1        |
| S2        | 37.500       | 36.564      | -.936      | -2.50   | .22024  | .002    | 1        |
| S3        | 75.000       | 73.237      | -1.76      | -2.35   | .44167  | .002    | 1        |
| S4        | 150.00       | 146.04      | -3.96      | -2.64   | .88126  | .003    | 1        |
| S5        | 300.00       | 290.81      | -9.19      | -3.06   | 1.7554  | .009    | 1        |
| S6        | 800.00       | 816.13      | 16.1       | 2.02    | 4.9272  | .008    | 1        |

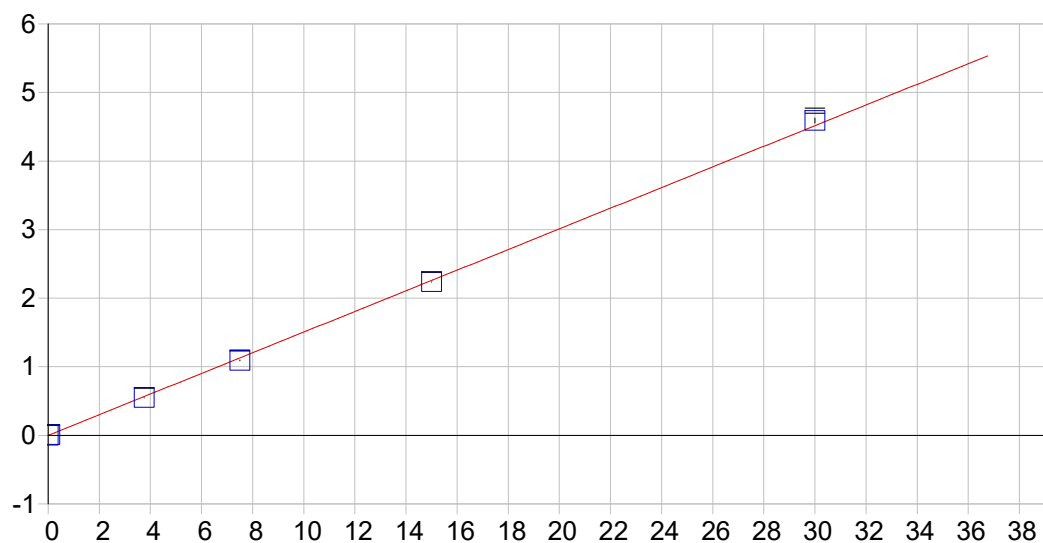


**V 292.402 {115}**

Date of Fit: 01/20/2023 18:05:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000057 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.111347 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999951 | Status:   | OK.      |
| Std Error of Est: | 0.000028 |           |          |
| Predicted MDL:    | 0.003707 |           |          |
| Predicted MQL:    | 0.012357 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00006 | .000    | 1        |
| S1        | .05000       | .05053      | .001       | 1.06    | .00567 | .000    | 1        |
| S2        | .62500       | .63049      | .005       | .878    | .06823 | .000    | 1        |
| S3        | 1.2500       | 1.2732      | .023       | 1.85    | .13777 | .001    | 1        |
| S4        | 2.5000       | 2.5115      | .011       | .459    | .27159 | .001    | 1        |
| S5        | 5.0000       | 4.9593      | -.041      | -.814   | .53604 | .004    | 1        |

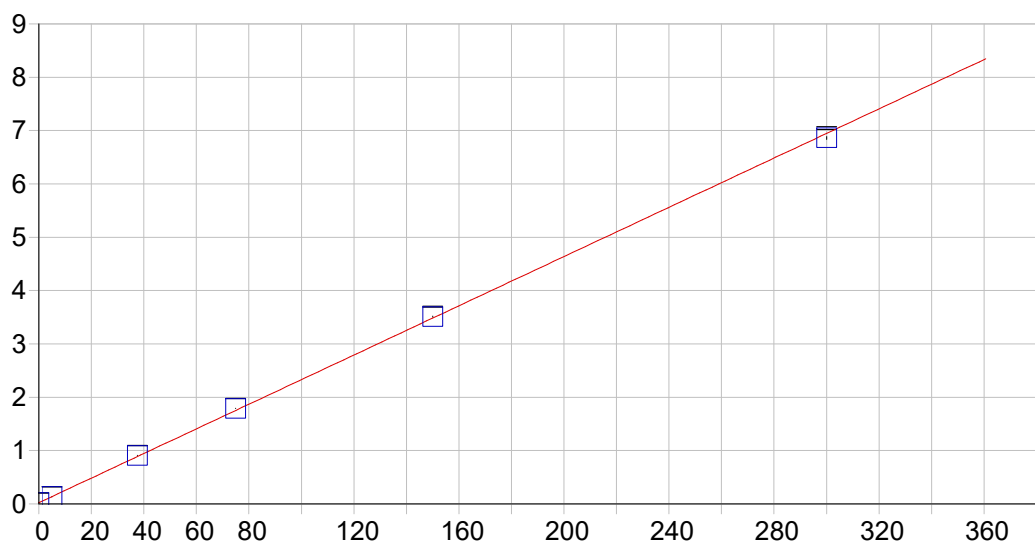


### Zn 213.856 {158}

Date of Fit: 01/20/2023 18:05:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000293 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.150547 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999807 | Status:   | OK.      |
| Std Error of Est: | 0.000210 |           |          |
| Predicted MDL:    | 0.004256 |           |          |
| Predicted MQL:    | 0.014185 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00029 | .001    | 1        |
| S1        | .06000       | .05435      | -.006      | -9.41   | .00848 | .000    | 1        |
| S2        | 3.7500       | 3.6358      | -.114      | -3.04   | .54766 | .002    | 1        |
| S3        | 7.5000       | 7.2570      | -.243      | -3.24   | 1.0928 | .007    | 1        |
| S4        | 15.000       | 14.858      | -.142      | -.946   | 2.2371 | .004    | 1        |
| S5        | 30.000       | 30.505      | .505       | 1.68    | 4.5927 | .038    | 1        |

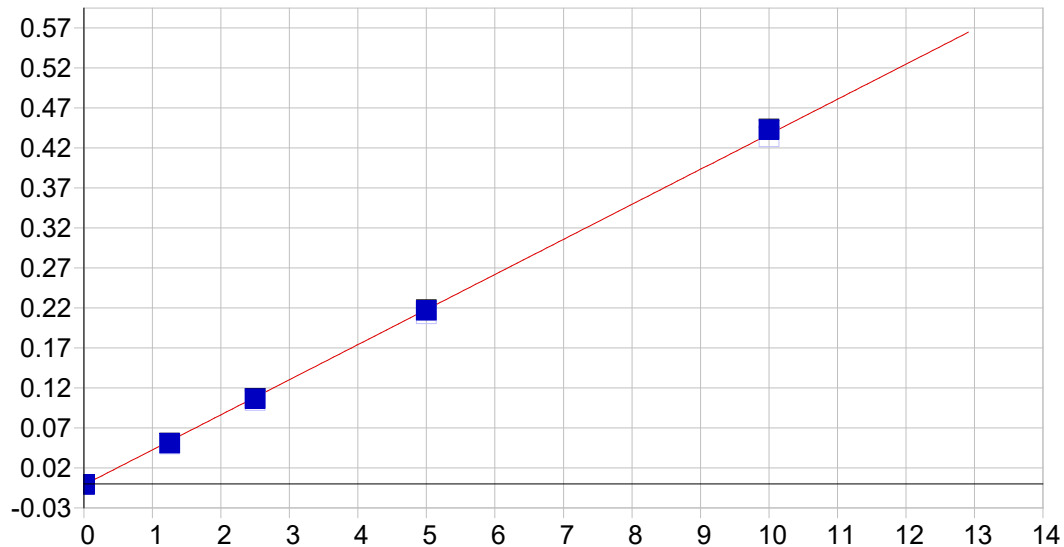


K 769.896 { 44}

Date of Fit: 01/20/2023 18:05:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.021919 Re-Slope: 1.000000  
 A1 (Gain): 0.023081 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999903 Status: OK.  
 Std Error of Est: 0.000664  
 Predicted MDL: 0.073884  
 Predicted MQL: 0.246281

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00013     | -.000      | .000    | .02192 | .001    | 1        |
| S1        | 5.0000       | 4.9234      | -.077      | -1.53   | .13556 | .003    | 1        |
| S2        | 37.500       | 38.388      | .888       | 2.37    | .90794 | .002    | 1        |
| S3        | 75.000       | 76.593      | 1.59       | 2.12    | 1.7898 | .003    | 1        |
| S4        | 150.00       | 151.24      | 1.24       | .826    | 3.5127 | .008    | 1        |
| S5        | 300.00       | 296.36      | -3.64      | -1.21   | 6.8621 | .027    | 1        |

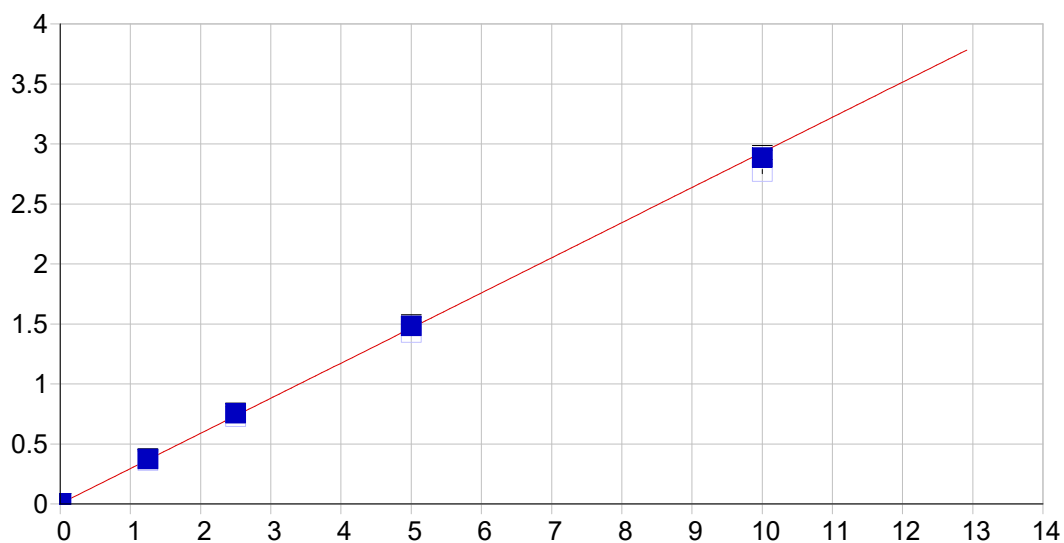


P 177.495 {490}

Date of Fit: 01/20/2023 18:05:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001283 Re-Slope: 1.000000  
 A1 (Gain): 0.043848 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999838 Status: OK.  
 Std Error of Est: 0.000013  
 Predicted MDL: 0.004211  
 Predicted MQL: 0.014038

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00128 | .000    | 1        |
| S1        | .01000       | .01146      | .001       | 14.6    | -.00079 | .000    | 1        |
| S2        | 1.2500       | 1.1877      | -.062      | -4.98   | .04967  | .000    | 1        |
| S3        | 2.5000       | 2.4560      | -.044      | -1.76   | .10415  | .000    | 1        |
| S4        | 5.0000       | 4.9770      | -.023      | -.460   | .21243  | .001    | 1        |
| S5        | 10.000       | 10.128      | .128       | 1.28    | .43377  | .001    | 1        |



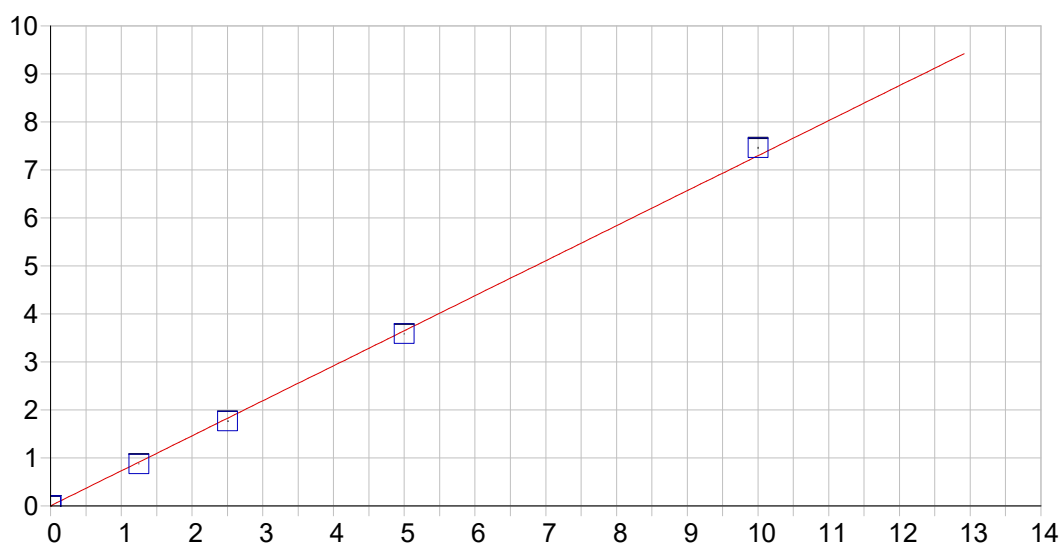
**B 249.678 {135}**

Date of Fit: 01/20/2023 18:05:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.002165 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.292692 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999822 | Status:   | OK.      |
| Std Error of Est: | 0.000089 |           |          |
| Predicted MDL:    | 0.001446 |           |          |
| Predicted MQL:    | 0.004819 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00217 | .000    | 1        |
| S1        | .01000       | .00720      | -.003      | -28.0   | .00426 | .000    | 1        |
| S2        | 1.2500       | 1.2686      | .019       | 1.49    | .35891 | .002    | 1        |
| S3        | 2.5000       | 2.5722      | .072       | 2.89    | .72588 | .002    | 1        |
| S4        | 5.0000       | 5.0621      | .062       | 1.24    | 1.4255 | .009    | 1        |
| S5        | 10.000       | 9.8500      | -.150      | -1.50   | 2.7686 | .018    | 1        |



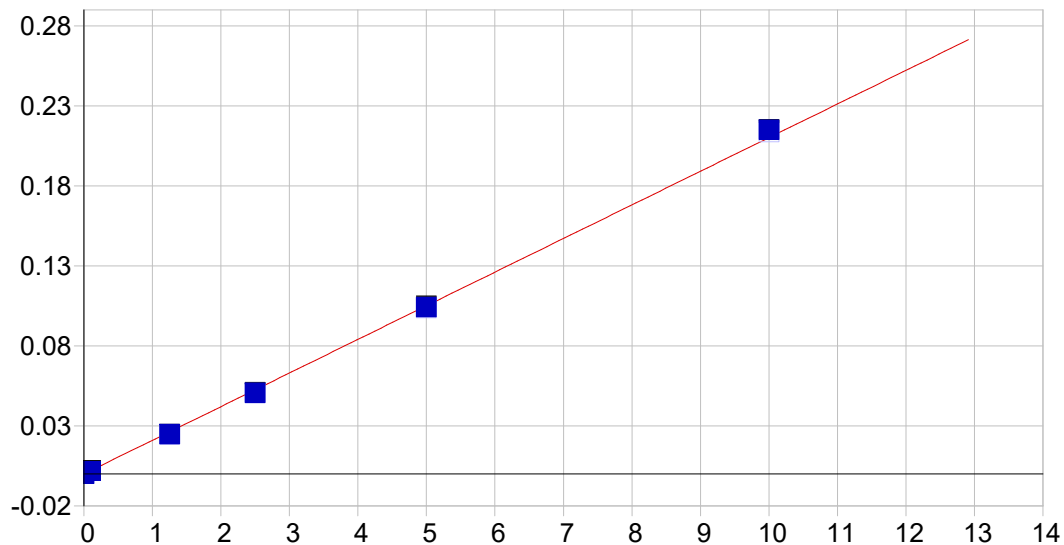


**Mo 202.030 {467}**

Date of Fit: 01/20/2023 18:05:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001216 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.729566 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999696 | Status:   | OK.      |
| Std Error of Est: | 0.000302 |           |          |
| Predicted MDL:    | 0.000525 |           |          |
| Predicted MQL:    | 0.001751 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00122 | .000    | 1        |
| S1        | .01000       | .00923      | -.001      | -7.68   | .00795 | .000    | 1        |
| S2        | 1.2500       | 1.1966      | -.053      | -4.27   | .87423 | .003    | 1        |
| S3        | 2.5000       | 2.4193      | -.081      | -3.23   | 1.7663 | .002    | 1        |
| S4        | 5.0000       | 4.9126      | -.087      | -1.75   | 3.5853 | .003    | 1        |
| S5        | 10.000       | 10.222      | .222       | 2.22    | 7.4590 | .014    | 1        |

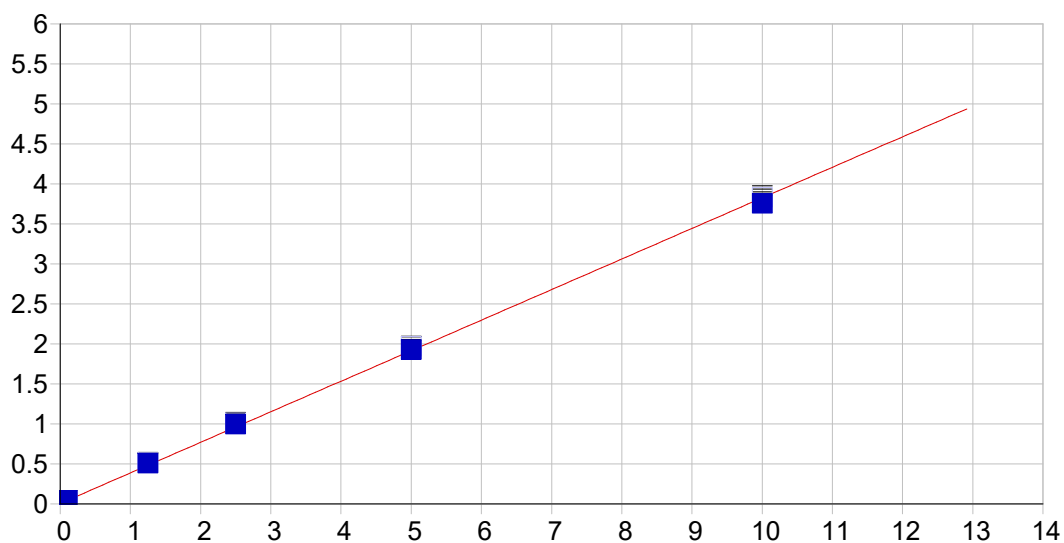


**S 182.034 {485}**

Date of Fit: 01/20/2023 18:05:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000005 Re-Slope: 1.000000  
 A1 (Gain): 0.021017 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999583 Status: OK.  
 Std Error of Est: 0.000032  
 Predicted MDL: 0.008135  
 Predicted MQL: 0.027117

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00001 | .000    | 1        |
| S1        | .10000       | .08498      | -.015      | -15.0   | .00179 | .000    | 1        |
| S2        | 1.2500       | 1.1755      | -.074      | -5.96   | .02455 | .000    | 1        |
| S3        | 2.5000       | 2.4087      | -.091      | -3.65   | .05031 | .000    | 1        |
| S4        | 5.0000       | 4.9550      | -.045      | -.900   | .10352 | .001    | 1        |
| S5        | 10.000       | 10.226      | .226       | 2.26    | .21366 | .000    | 1        |

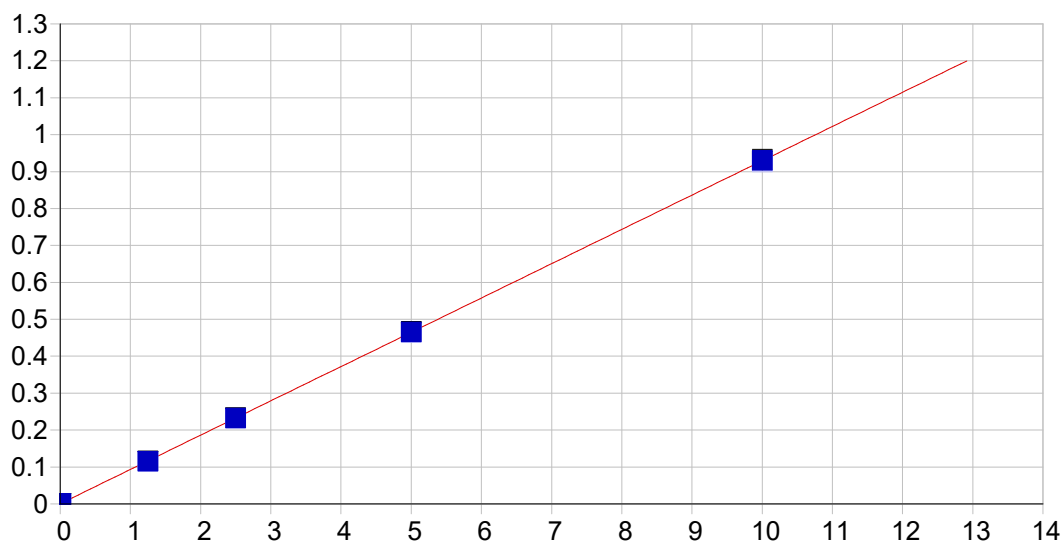


Si 251.611 {134}

Date of Fit: 01/20/2023 18:05:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005552 Re-Slope: 1.000000  
 A1 (Gain): 0.381956 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999748 Status: OK.  
 Std Error of Est: 0.000464  
 Predicted MDL: 0.001296  
 Predicted MQL: 0.004321

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00555 | .000    | 1        |
| S1        | .10000       | .09736      | -.003      | -2.64   | .04317 | .000    | 1        |
| S2        | 1.2500       | 1.3124      | .062       | 4.99    | .51636 | .004    | 1        |
| S3        | 2.5000       | 2.5881      | .088       | 3.52    | 1.0132 | .005    | 1        |
| S4        | 5.0000       | 5.0349      | .035       | .699    | 1.9669 | .004    | 1        |
| S5        | 10.000       | 9.8173      | -.183      | -1.83   | 3.8317 | .019    | 1        |

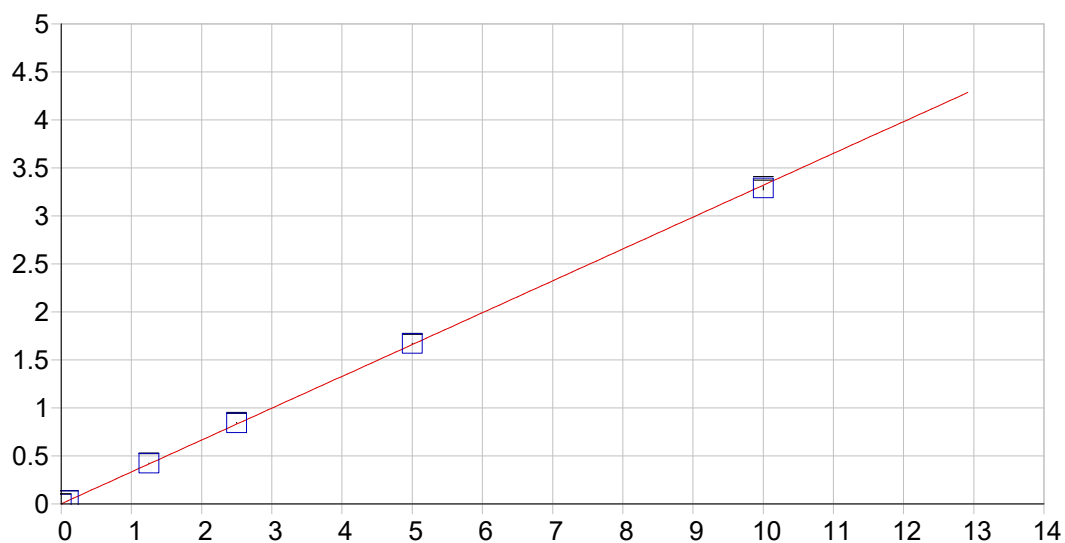


**Sn 189.989 {478}**

Date of Fit: 01/20/2023 18:05:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000469 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.092875 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999987 | Status:   | OK.      |
| Std Error of Est: | 0.000006 |           |          |
| Predicted MDL:    | 0.002029 |           |          |
| Predicted MQL:    | 0.006763 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00047 | .000    | 1        |
| S1        | .00700       | .00551      | -.001      | -21.3   | .00093 | .000    | 1        |
| S2        | 1.2500       | 1.2374      | -.013      | -1.01   | .11480 | .001    | 1        |
| S3        | 2.5000       | 2.4979      | -.002      | -.084   | .23128 | .000    | 1        |
| S4        | 5.0000       | 5.0085      | .009       | .170    | .46328 | .001    | 1        |
| S5        | 10.000       | 10.008      | .008       | .076    | .92521 | .004    | 1        |

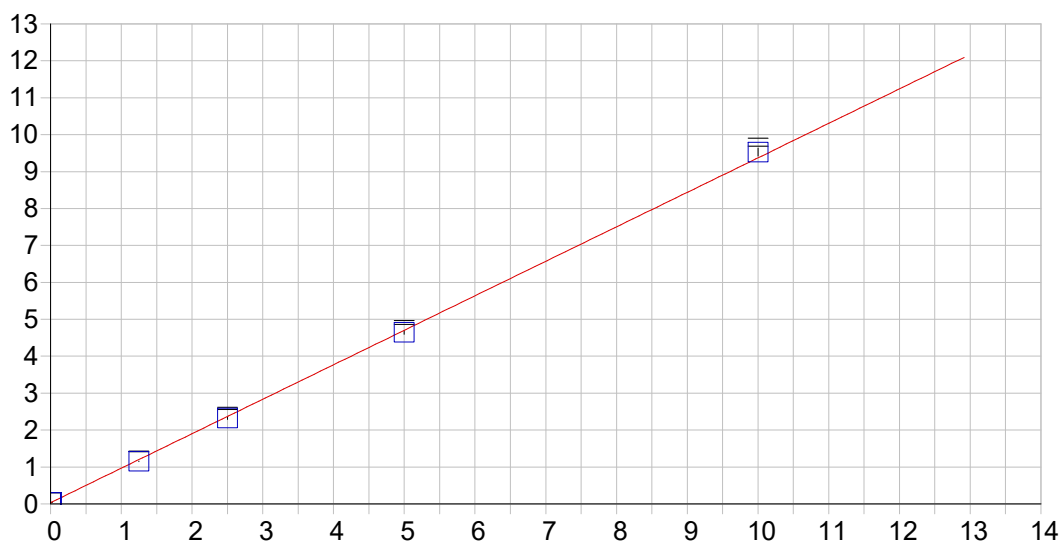


**Ti 336.121 {100}**

Date of Fit: 01/20/2023 18:05:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001328 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.331743 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999946 | Status:   | OK.      |
| Std Error of Est: | 0.000184 |           |          |
| Predicted MDL:    | 0.001703 |           |          |
| Predicted MQL:    | 0.005678 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00133 | .001    | 1        |
| S1        | .10000       | .10016      | .000       | .159    | .03456 | .001    | 1        |
| S2        | 1.2500       | 1.2721      | .022       | 1.77    | .42334 | .002    | 1        |
| S3        | 2.5000       | 2.5424      | .042       | 1.70    | .84476 | .005    | 1        |
| S4        | 5.0000       | 5.0251      | .025       | .501    | 1.6684 | .004    | 1        |
| S5        | 10.000       | 9.9102      | -.090      | -.898   | 3.2890 | .017    | 1        |

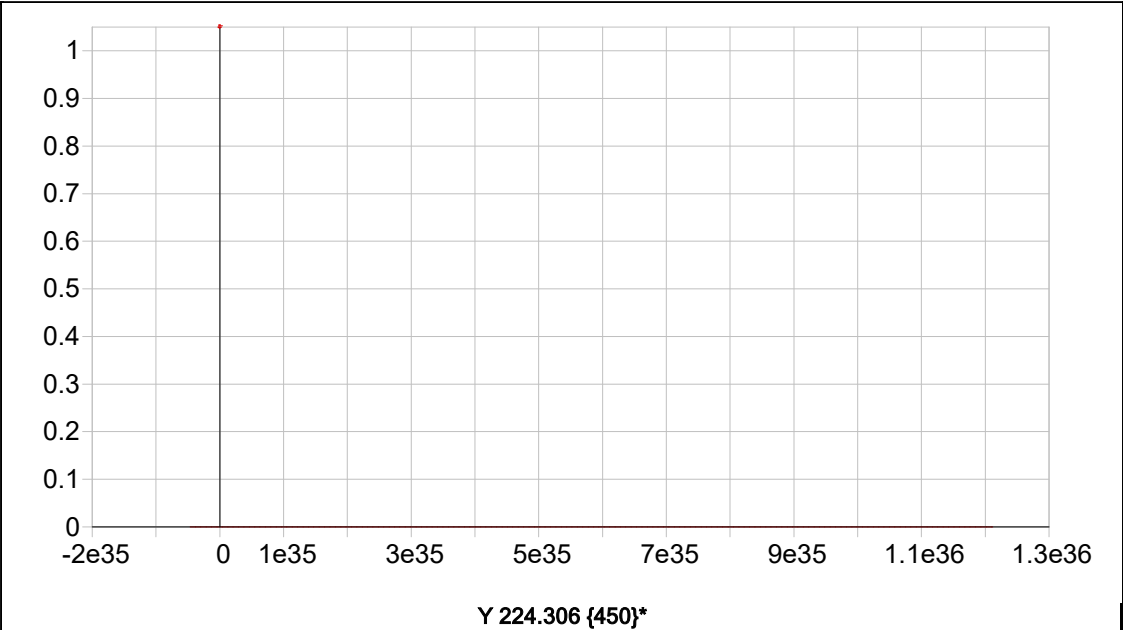


Li 670.784 { 50}

Date of Fit: 01/20/2023 18:05:00 Type of Fit: Linear Weighting: 1/Conc

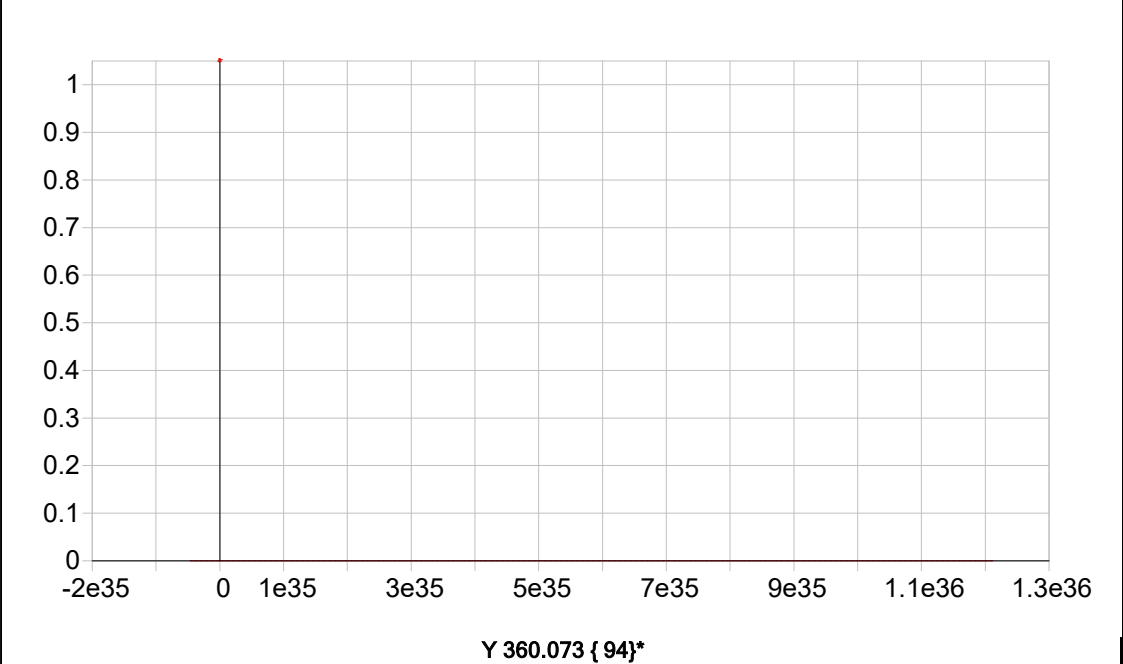
A0 (Offset): 0.033083 Re-Slope: 1.000000  
 A1 (Gain): 0.933911 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999787 Status: OK.  
 Std Error of Est: 0.000396  
 Predicted MDL: 0.002040  
 Predicted MQL: 0.006801

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .03309 | .000    | 1        |
| S5        | 10.000       | 10.166      | .166       | 1.66    | 9.5268 | .108    | 1        |
| S4        | 5.0000       | 4.9420      | -.058      | -1.16   | 4.6485 | .053    | 1        |
| S3        | 2.5000       | 2.4483      | -.052      | -2.07   | 2.3196 | .029    | 1        |
| S2        | 1.2500       | 1.1988      | -.051      | -4.10   | 1.1526 | .011    | 1        |
| S1        | .01500       | .01039      | -.005      | -30.7   | .04278 | .001    | 1        |



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

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



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

