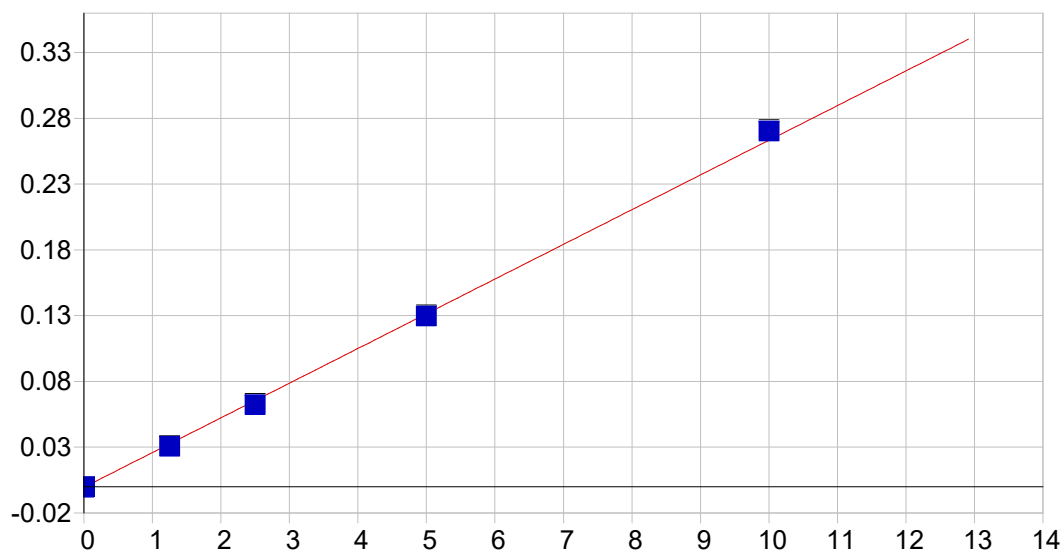


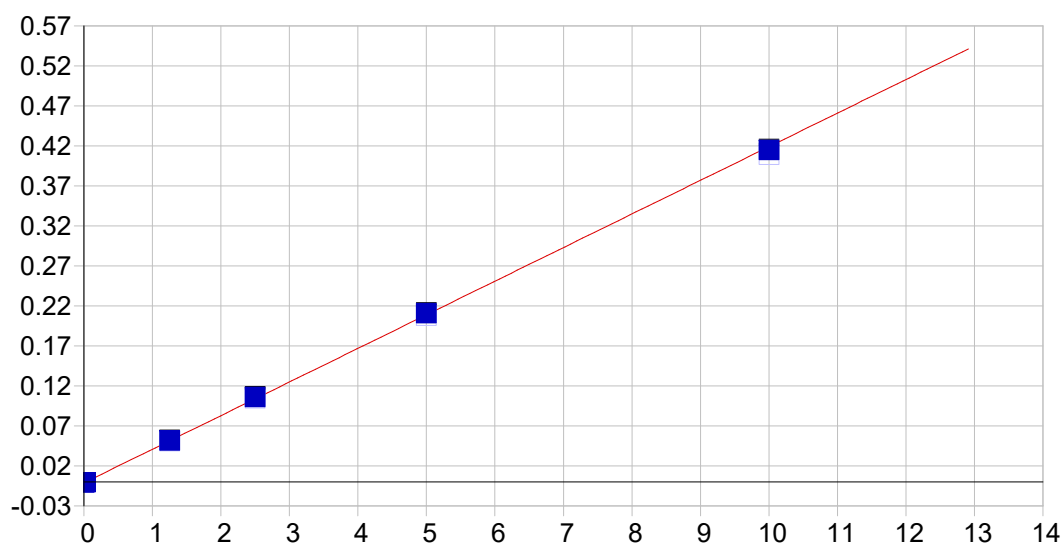


**As 189.042 {479}**

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000445 Re-Slope: 1.000000  
 A1 (Gain): 0.026379 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999527 Status: OK.  
 Std Error of Est: 0.000014  
 Predicted MDL: 0.007766  
 Predicted MQL: 0.025887

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00045 | .000    | 1        |
| S1        | .01000       | .01174      | .002       | 17.4    | -.00014 | .000    | 1        |
| S2        | 1.2500       | 1.1797      | -.070      | -5.62   | .03076  | .000    | 1        |
| S3        | 2.5000       | 2.3785      | -.121      | -4.86   | .06247  | .001    | 1        |
| S4        | 5.0000       | 4.9308      | -.069      | -1.38   | .12996  | .001    | 1        |
| S5        | 10.000       | 10.259      | .259       | 2.59    | .27086  | .001    | 1        |

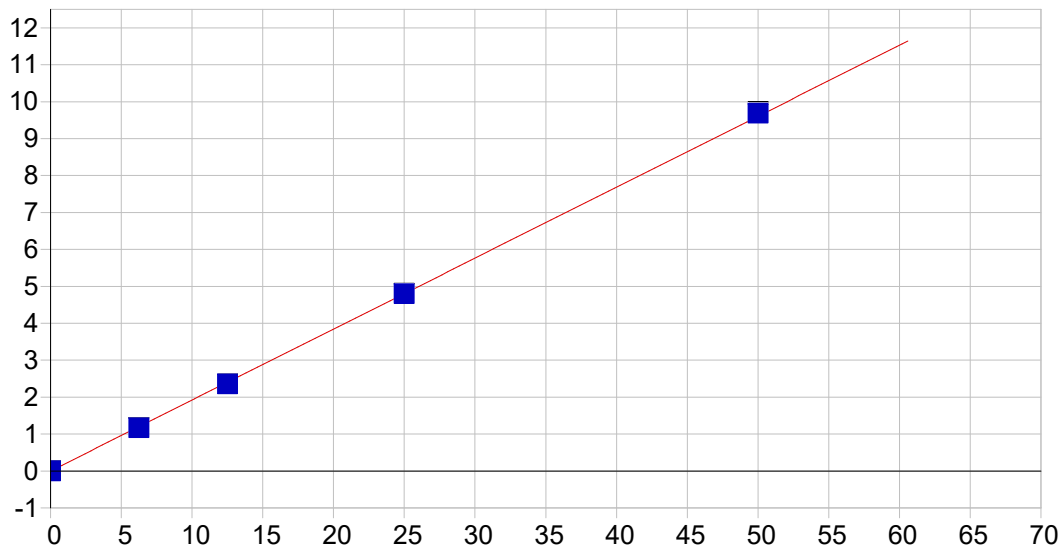


TI 190.856 {477}

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001206 Re-Slope: 1.000000  
 A1 (Gain): 0.042016 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999889 Status: OK.  
 Std Error of Est: 0.000016  
 Predicted MDL: 0.005307  
 Predicted MQL: 0.017689

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00121 | .000    | 1        |
| S1        | .02500       | .01834      | -.007      | -26.7   | -.00050 | .000    | 1        |
| S2        | 1.2500       | 1.2570      | .007       | .556    | .05085  | .001    | 1        |
| S3        | 2.5000       | 2.5479      | .048       | 1.92    | .10433  | .001    | 1        |
| S4        | 5.0000       | 5.0460      | .046       | .921    | .20777  | .001    | 1        |
| S5        | 10.000       | 9.9055      | -.095      | -.945   | .40891  | .001    | 1        |

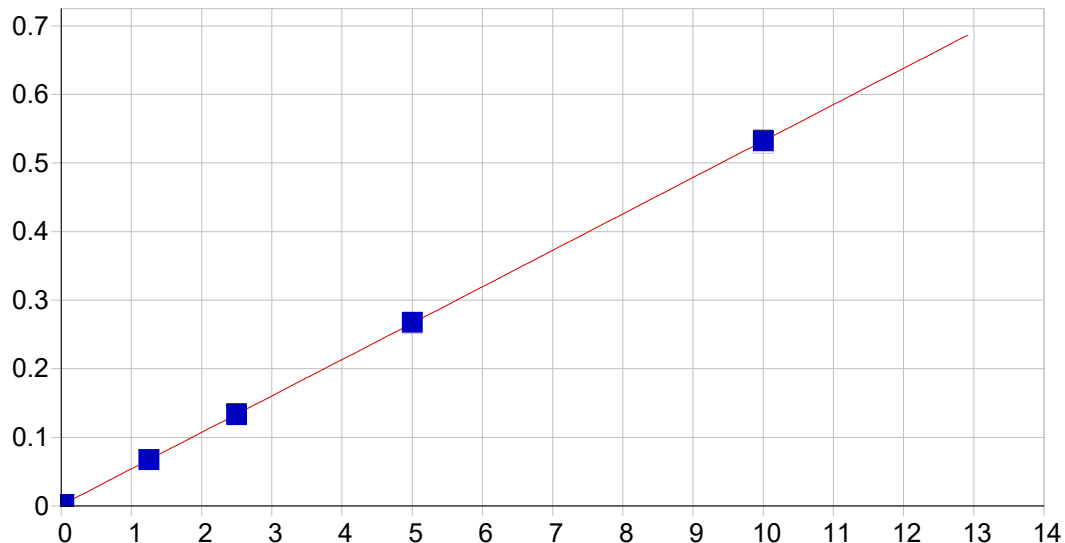


### Pb 220.353 {453}

Date of Fit: 05/16/2022 13:17:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000313 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.192116  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999929  | Status:   | OK.      |
| Std Error of Est: | 0.000086  |           |          |
| Predicted MDL:    | 0.002554  |           |          |
| Predicted MQL:    | 0.008515  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00031 | .001    | 1        |
| S1        | .01000       | .00854      | -.001      | -14.6   | .00134  | .000    | 1        |
| S2        | 6.2500       | 6.0777      | -.172      | -2.76   | 1.1689  | .004    | 1        |
| S3        | 12.500       | 12.258      | -.242      | -1.94   | 2.3577  | .009    | 1        |
| S4        | 25.000       | 24.988      | -.012      | -.047   | 4.8065  | .006    | 1        |
| S5        | 50.000       | 50.428      | .428       | .855    | 9.7000  | .033    | 1        |

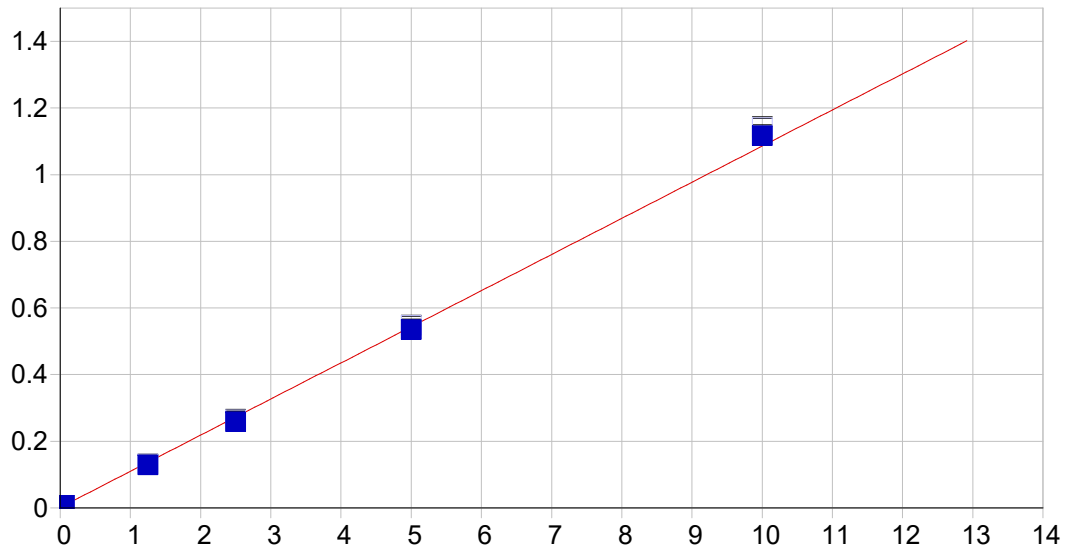


Se 196.090 {472}

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000944 Re-Slope: 1.000000  
 A1 (Gain): 0.053089 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999983 Status: OK.  
 Std Error of Est: 0.000010  
 Predicted MDL: 0.005269  
 Predicted MQL: 0.017563

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00094 | .000    | 1        |
| S1        | .03500       | .03107      | -.004      | -11.2   | .00259 | .000    | 1        |
| S2        | 1.2500       | 1.2507      | .001       | .056    | .06689 | .001    | 1        |
| S3        | 2.5000       | 2.4836      | -.016      | -.656   | .13189 | .001    | 1        |
| S4        | 5.0000       | 5.0205      | .020       | .409    | .26566 | .000    | 1        |
| S5        | 10.000       | 9.9992      | -.001      | -.008   | .52816 | .001    | 1        |

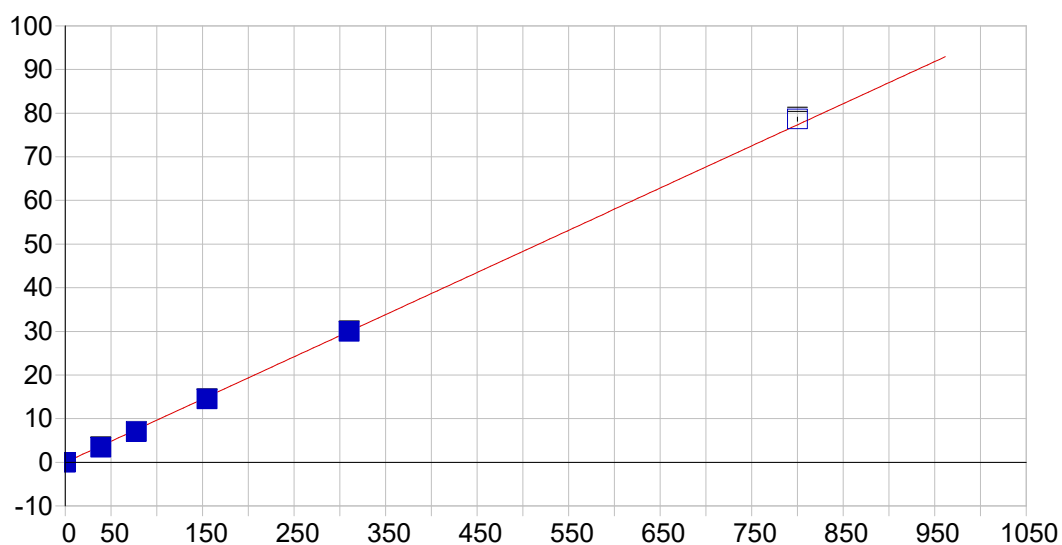


**Sb 206.833 {463}**

Date of Fit: 05/16/2022 13:17:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001499 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.108423 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999442 | Status:   | OK.      |
| Std Error of Est: | 0.000152 |           |          |
| Predicted MDL:    | 0.002901 |           |          |
| Predicted MQL:    | 0.009672 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00150 | .000    | 1        |
| S1        | .06000       | .06128      | .001       | 2.13    | .00815 | .000    | 1        |
| S2        | 1.2500       | 1.1717      | -.078      | -6.27   | .13152 | .000    | 1        |
| S3        | 2.5000       | 2.3644      | -.136      | -5.43   | .26381 | .002    | 1        |
| S4        | 5.0000       | 4.9224      | -.078      | -1.55   | .54712 | .002    | 1        |
| S5        | 10.000       | 10.290      | .290       | 2.90    | 1.1411 | .003    | 1        |

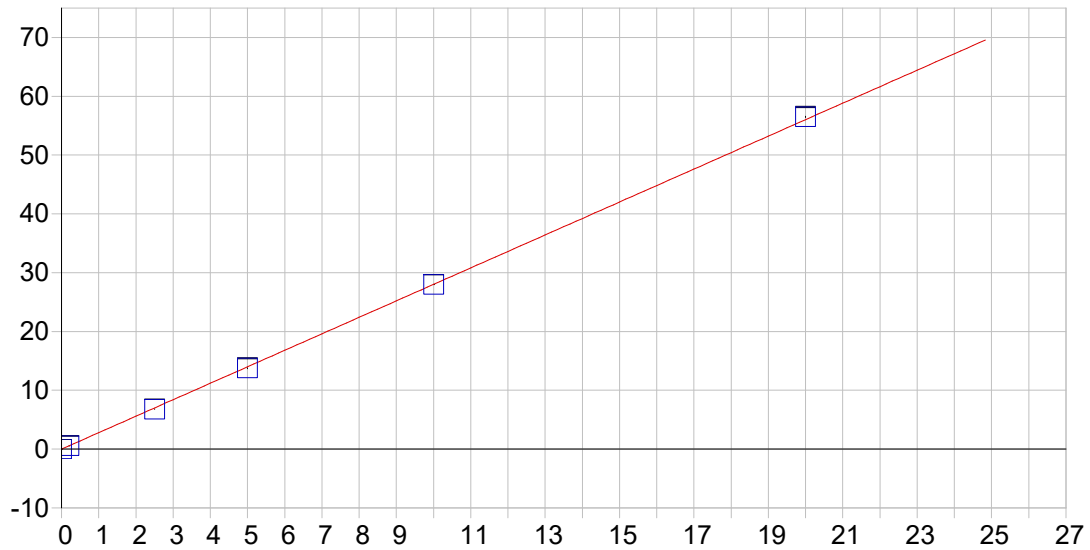


AI 396.152 { 85}

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001803 Re-Slope: 1.000000  
 A1 (Gain): 0.096673 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999640 Status: OK.  
 Std Error of Est: 0.001613  
 Predicted MDL: 0.010616  
 Predicted MQL: 0.035386

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | -.00180 | .001    | 1        |
| S1        | .20000       | .21082      | .011       | 5.41    | .01861  | .001    | 1        |
| S2        | 38.750       | 35.700      | -3.05      | -7.87   | 3.4537  | .015    | 1        |
| S3        | 77.500       | 72.370      | -5.13      | -6.62   | 7.0028  | .049    | 1        |
| S4        | 155.00       | 149.57      | -5.43      | -3.50   | 14.475  | .066    | 1        |
| S5        | 310.00       | 310.19      | .190       | .061    | 30.019  | .066    | 1        |
| S6        | 800.00       | 813.42      | 13.4       | 1.68    | 78.635  | .476    | 1        |

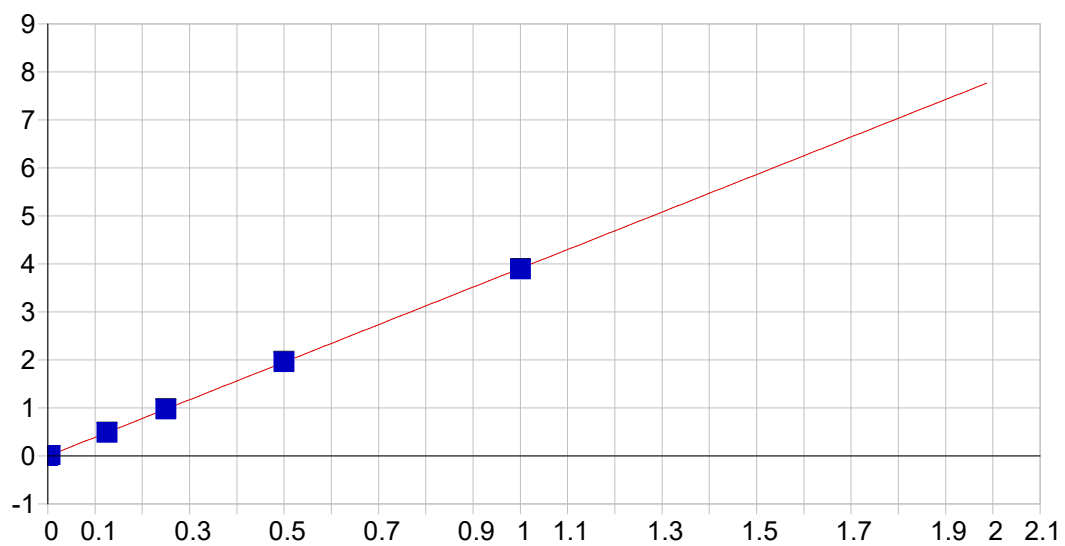


**Ba 493.409 { 68}**

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007070 Re-Slope: 1.000000  
 A1 (Gain): 2.801788 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999928 Status: OK.  
 Std Error of Est: 0.003564  
 Predicted MDL: 0.000675  
 Predicted MQL: 0.002250

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00706 | .001    | 1        |
| S1        | .20000       | .20363      | .004       | 1.82    | .56347  | .004    | 1        |
| S2        | 2.5000       | 2.4212      | -.079      | -3.15   | 6.7766  | .025    | 1        |
| S3        | 5.0000       | 4.9151      | -.085      | -1.70   | 13.764  | .084    | 1        |
| S4        | 10.000       | 9.9924      | -.008      | -.076   | 27.990  | .005    | 1        |
| S5        | 20.000       | 20.168      | .168       | .838    | 56.498  | .094    | 1        |



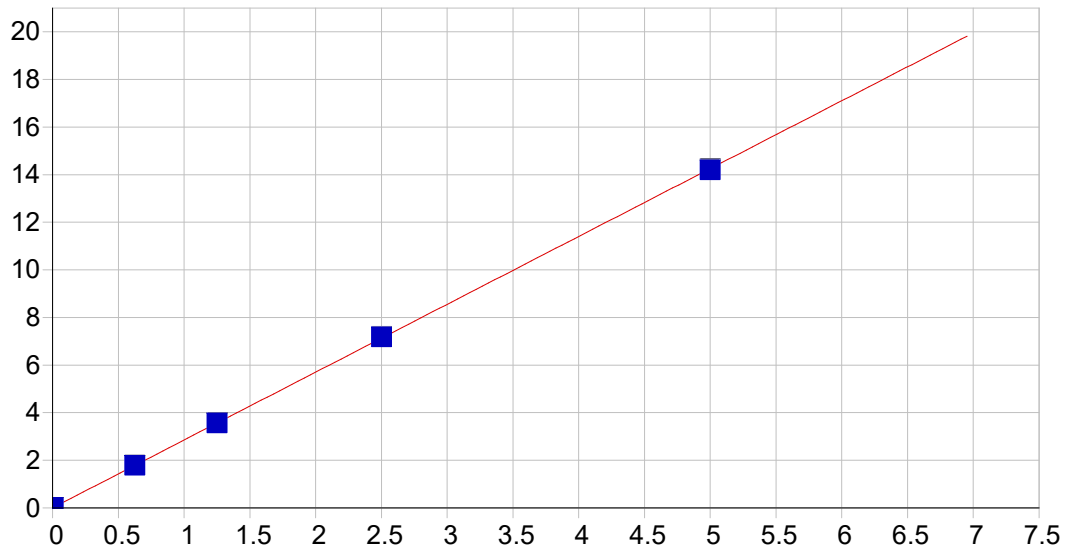
**Be 234.861 {144}**

Date of Fit: 05/16/2022 13:17:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.002733 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.909962  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999985  | Status:   | OK.      |
| Std Error of Est: | 0.000081  |           |          |
| Predicted MDL:    | 0.000097  |           |          |
| Predicted MQL:    | 0.000324  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00273 | .001    | 1        |
| S1        | .00500       | .00542      | .000       | 8.39    | .01845  | .001    | 1        |
| S2        | .12500       | .12555      | .001       | .443    | .48673  | .005    | 1        |
| S3        | .25000       | .25043      | .000       | .170    | .97352  | .005    | 1        |
| S4        | .50000       | .50198      | .002       | .395    | 1.9542  | .013    | 1        |
| S5        | 1.0000       | .99662      | -.003      | -.338   | 3.8824  | .009    | 1        |



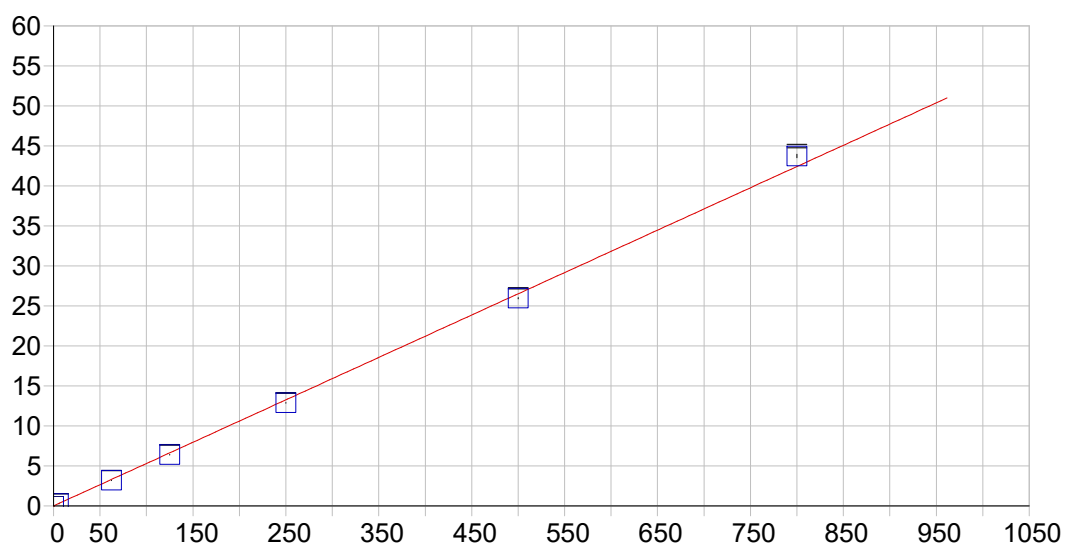


**Cd 214.438 {457}**

Date of Fit: 05/16/2022 13:17:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001892 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.850653 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999988 | Status:   | OK.      |
| Std Error of Est: | 0.000118 |           |          |
| Predicted MDL:    | 0.000123 |           |          |
| Predicted MQL:    | 0.000411 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00189 | .000    | 1        |
| S1        | .00500       | .00535      | .000       | 6.93    | .01714 | .000    | 1        |
| S2        | .62500       | .62501      | .000       | .002    | 1.7877 | .005    | 1        |
| S3        | 1.2500       | 1.2501      | .000       | .011    | 3.5739 | .021    | 1        |
| S4        | 2.5000       | 2.5183      | .018       | .731    | 7.1973 | .013    | 1        |
| S5        | 5.0000       | 4.9812      | -.019      | -.375   | 14.235 | .018    | 1        |

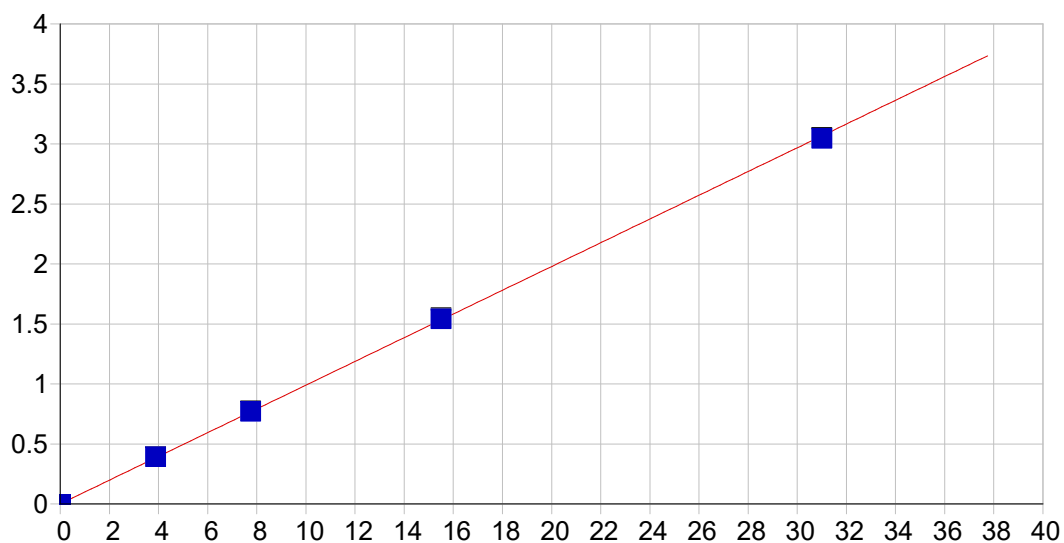


Ca 373.690 { 90}

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001049 Re-Slope: 1.000000  
 A1 (Gain): 0.053029 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999566 Status: OK.  
 Std Error of Est: 0.005452  
 Predicted MDL: 0.017117  
 Predicted MQL: 0.057056

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00007      | .000       | .000    | .00105 | .000    | 1        |
| S1        | 5.0000       | 5.4109      | .411       | 8.22    | .28798 | .003    | 1        |
| S2        | 62.500       | 60.020      | -2.48      | -3.97   | 3.1839 | .020    | 1        |
| S3        | 125.00       | 120.44      | -4.56      | -3.64   | 6.3881 | .033    | 1        |
| S4        | 250.00       | 242.65      | -7.35      | -2.94   | 12.869 | .032    | 1        |
| S5        | 500.00       | 489.22      | -10.8      | -2.16   | 25.944 | .080    | 1        |
| S6        | 800.00       | 824.75      | 24.7       | 3.09    | 43.737 | .216    | 1        |

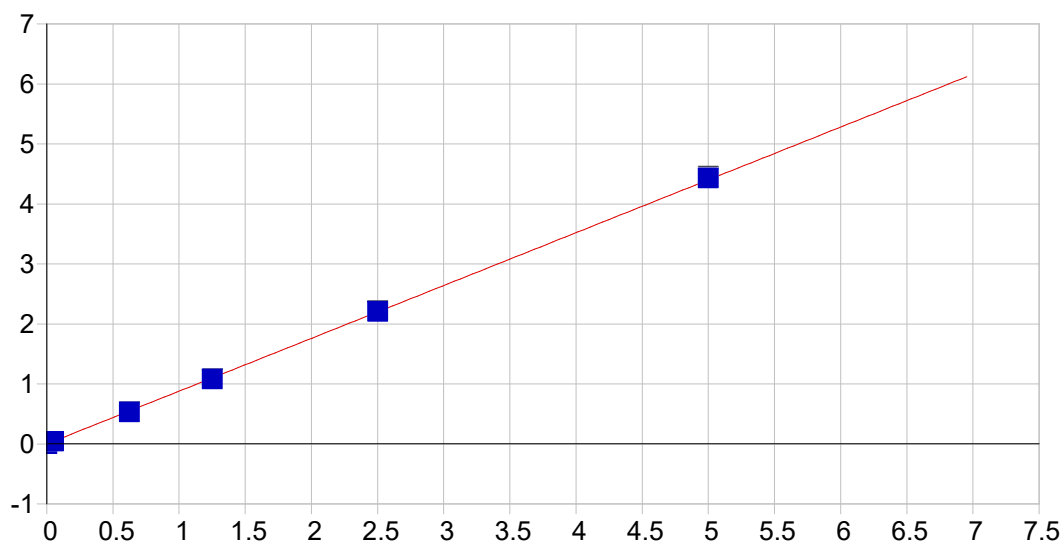


**Cr 267.716 {126}**

Date of Fit: 05/16/2022 13:17:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000080 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.098926 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999965 | Status:   | OK.      |
| Std Error of Est: | 0.000024 |           |          |
| Predicted MDL:    | 0.000733 |           |          |
| Predicted MQL:    | 0.002443 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00008 | .000    | 1        |
| S1        | .01000       | .01050      | .000       | 4.96    | .00113 | .000    | 1        |
| S2        | 3.8750       | 3.9580      | .083       | 2.14    | .39169 | .001    | 1        |
| S3        | 7.7500       | 7.7949      | .045       | .579    | .77131 | .002    | 1        |
| S4        | 15.500       | 15.587      | .087       | .561    | 1.5423 | .008    | 1        |
| S5        | 31.000       | 30.785      | -.215      | -.695   | 3.0459 | .004    | 1        |

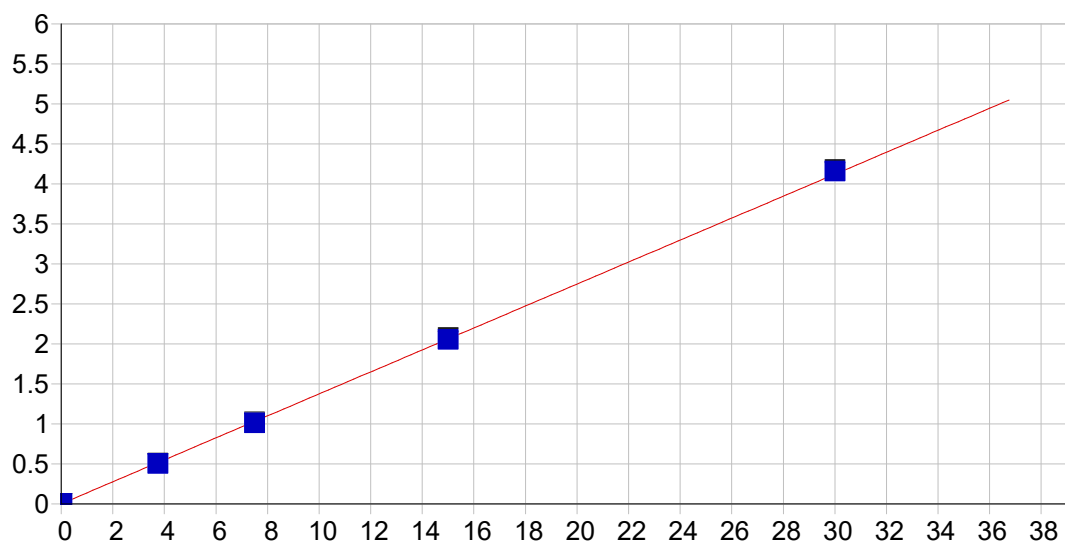


**Co 228.616 {448}**

Date of Fit: 05/16/2022 13:17:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001132 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.880298  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999934  | Status:   | OK.      |
| Std Error of Est: | 0.000270  |           |          |
| Predicted MDL:    | 0.000389  |           |          |
| Predicted MQL:    | 0.001296  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00113 | .000    | 1        |
| S1        | .05000       | .05114      | .001       | 2.28    | .04406  | .000    | 1        |
| S2        | .62500       | .60640      | -.019      | -2.98   | .53486  | .002    | 1        |
| S3        | 1.2500       | 1.2266      | -.023      | -1.87   | 1.0830  | .006    | 1        |
| S4        | 2.5000       | 2.5083      | .008       | .334    | 2.2157  | .006    | 1        |
| S5        | 5.0000       | 5.0325      | .033       | .650    | 4.4464  | .013    | 1        |

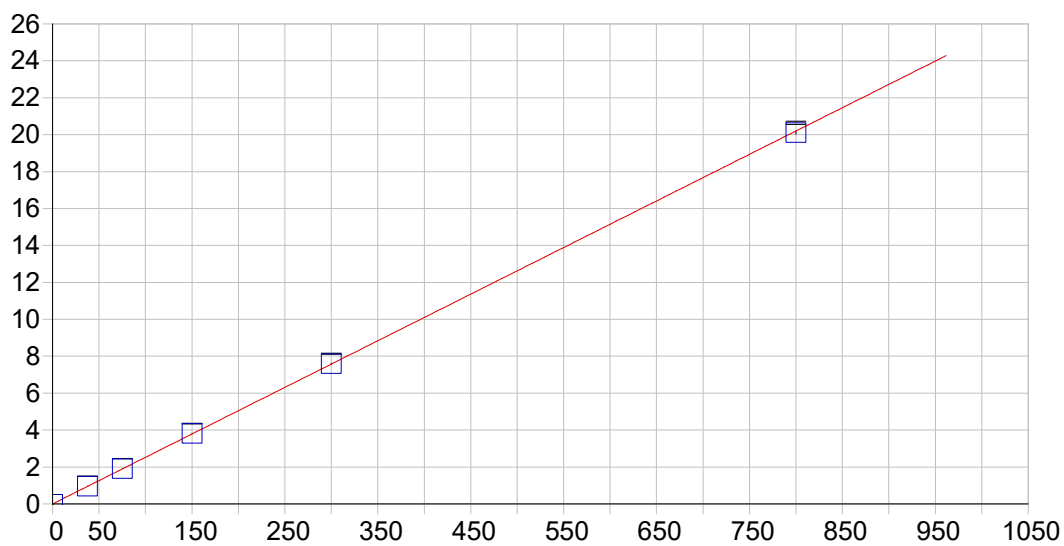


**Cu 324.754 {104}**

Date of Fit: 05/16/2022 13:17:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.002200 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.137308 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999926 | Status:   | OK.      |
| Std Error of Est: | 0.000076 |           |          |
| Predicted MDL:    | 0.003419 |           |          |
| Predicted MQL:    | 0.011397 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00220 | .000    | 1        |
| S1        | .02500       | .02764      | .003       | 10.5    | .00599 | .000    | 1        |
| S2        | 3.7500       | 3.6587      | -.091      | -2.44   | .50380 | .003    | 1        |
| S3        | 7.5000       | 7.3551      | -.145      | -1.93   | 1.0106 | .011    | 1        |
| S4        | 15.000       | 14.946      | -.054      | -.361   | 2.0513 | .020    | 1        |
| S5        | 30.000       | 30.288      | .288       | .959    | 4.1548 | .016    | 1        |

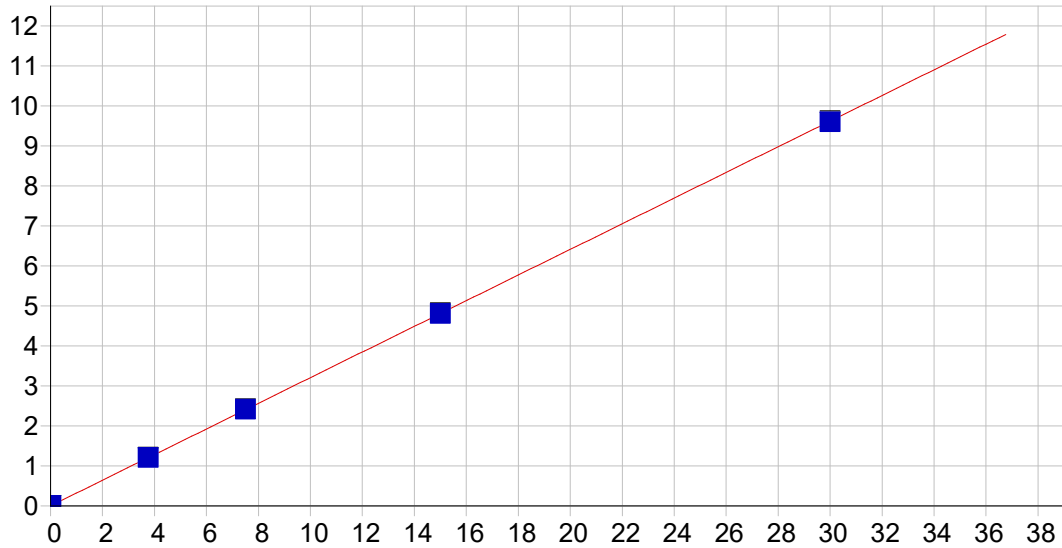


### Fe 259.837 {130}

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000927 Re-Slope: 1.000000  
 A1 (Gain): 0.025248 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999984 Status: OK.  
 Std Error of Est: 0.000062  
 Predicted MDL: 0.010889  
 Predicted MQL: 0.036298

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00093 | .000    | 1        |
| S1        | .10000       | .11211      | .012       | 12.1    | .00376 | .000    | 1        |
| S2        | 37.500       | 37.988      | .488       | 1.30    | .96007 | .005    | 1        |
| S3        | 75.000       | 75.822      | .822       | 1.10    | 1.9153 | .010    | 1        |
| S4        | 150.00       | 151.16      | 1.16       | .774    | 3.8175 | .019    | 1        |
| S5        | 300.00       | 300.89      | .886       | .295    | 7.5978 | .024    | 1        |
| S6        | 800.00       | 796.63      | -3.37      | -.421   | 20.115 | .086    | 1        |

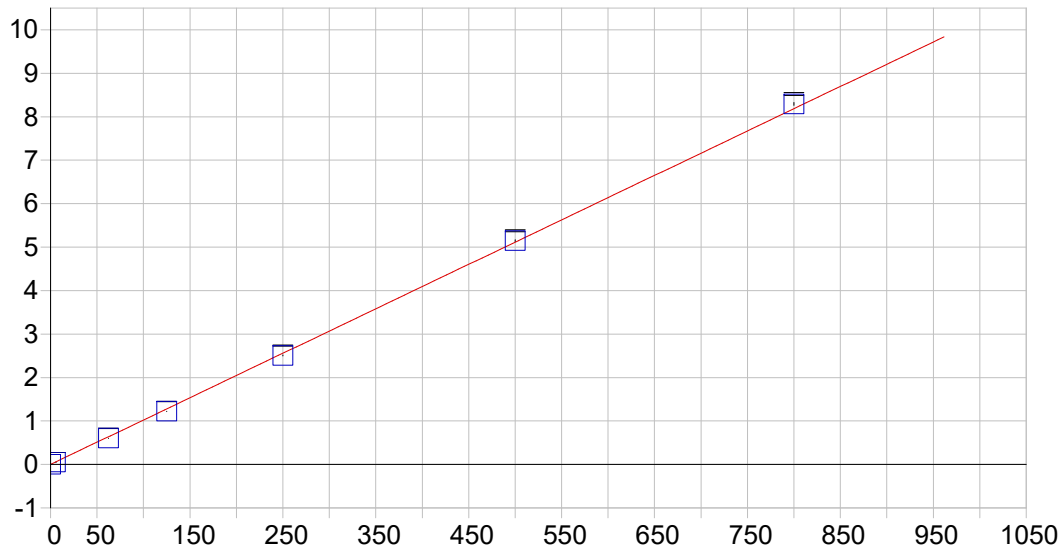


**Mn 257.610 {131}**

Date of Fit: 05/16/2022 13:17:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000137 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.320746 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999996 | Status:   | OK.      |
| Std Error of Est: | 0.000034 |           |          |
| Predicted MDL:    | 0.000910 |           |          |
| Predicted MQL:    | 0.003033 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00014 | .000    | 1        |
| S1        | .01500       | .01680      | .002       | 12.0    | .00553 | .000    | 1        |
| S2        | 3.7500       | 3.7712      | .021       | .565    | 1.2097 | .006    | 1        |
| S3        | 7.5000       | 7.5225      | .023       | .301    | 2.4130 | .011    | 1        |
| S4        | 15.000       | 15.006      | .006       | .039    | 4.8132 | .015    | 1        |
| S5        | 30.000       | 29.949      | -.051      | -.171   | 9.6060 | .019    | 1        |



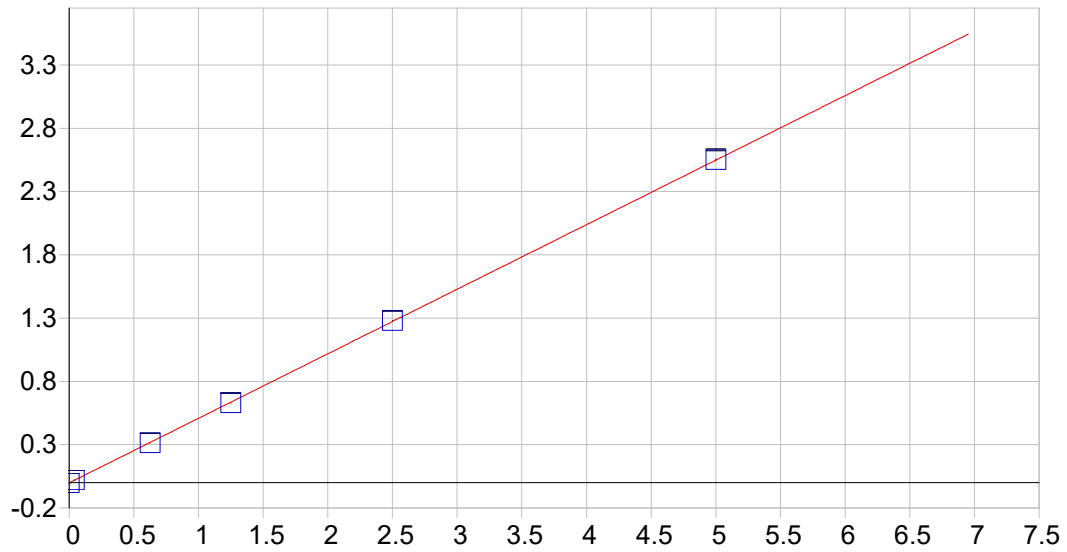
### Mg 279.079 {121}

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000137 Re-Slope: 1.000000  
 A1 (Gain): 0.010231 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999792 Status: OK.  
 Std Error of Est: 0.000729  
 Predicted MDL: 0.032480  
 Predicted MQL: 0.108266

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00027      | .000       | .000    | -.00013 | .000    | 1        |
| S1        | 5.0000       | 5.2328      | .233       | 4.66    | .05340  | .000    | 1        |
| S2        | 62.500       | 58.967      | -3.53      | -5.65   | .60313  | .003    | 1        |
| S3        | 125.00       | 119.44      | -5.56      | -4.45   | 1.2218  | .005    | 1        |
| S4        | 250.00       | 244.93      | -5.07      | -2.03   | 2.5057  | .010    | 1        |
| S5        | 500.00       | 503.13      | 3.13       | .627    | 5.1472  | .023    | 1        |
| S6        | 800.00       | 810.80      | 10.8       | 1.35    | 8.2948  | .032    | 1        |



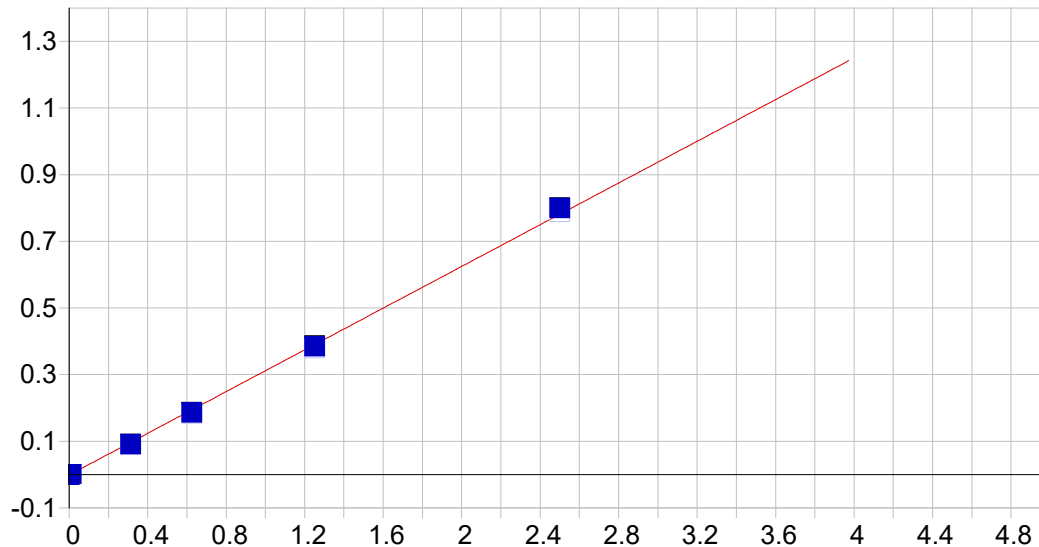


### Ni 231.604 {446}

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001875 Re-Slope: 1.000000  
 A1 (Gain): 0.510004 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999983 Status: OK.  
 Std Error of Est: 0.000071  
 Predicted MDL: 0.000688  
 Predicted MQL: 0.002294

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00188 | .000    | 1        |
| S1        | .04000       | .04141      | .001       | 3.52    | .01924  | .000    | 1        |
| S2        | .62500       | .61673      | -.008      | -1.32   | .31266  | .001    | 1        |
| S3        | 1.2500       | 1.2387      | -.011      | -.907   | .62985  | .003    | 1        |
| S4        | 2.5000       | 2.5121      | .012       | .484    | 1.2793  | .003    | 1        |
| S5        | 5.0000       | 5.0061      | .006       | .122    | 2.5512  | .007    | 1        |

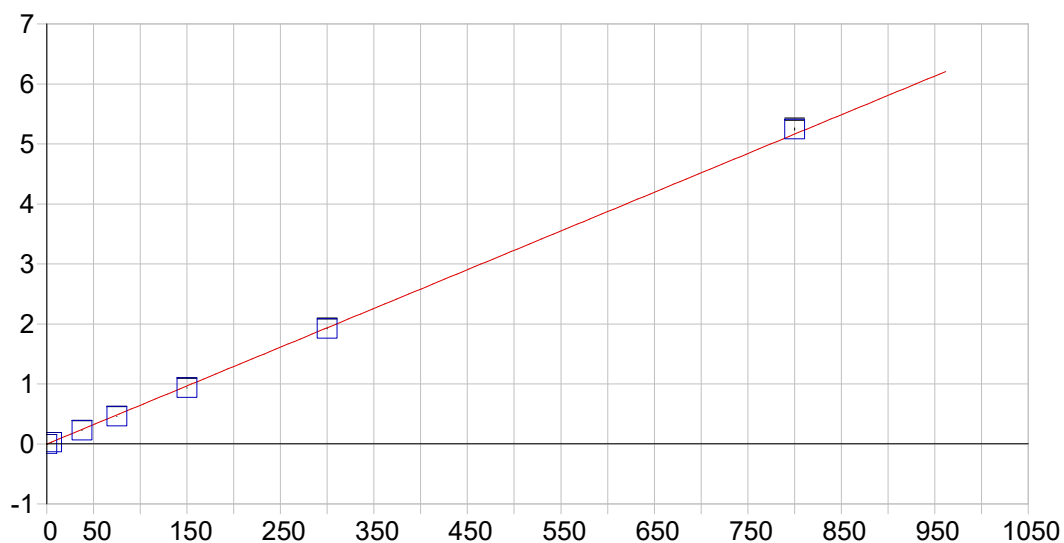


**Ag 328.068 {103}**

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001274 Re-Slope: 1.000000  
 A1 (Gain): 0.312943 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999605 Status: OK.  
 Std Error of Est: 0.000073  
 Predicted MDL: 0.000478  
 Predicted MQL: 0.001594

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00127 | .000    | 1        |
| S1        | .01000       | .00975      | -.000      | -2.47   | .00176  | .000    | 1        |
| S2        | .31250       | .29527      | -.017      | -5.51   | .08968  | .000    | 1        |
| S3        | .62500       | .59894      | -.026      | -4.17   | .18326  | .001    | 1        |
| S4        | 1.2500       | 1.2349      | -.015      | -1.21   | .37938  | .002    | 1        |
| S5        | 2.5000       | 2.5586      | .059       | 2.35    | .78784  | .002    | 1        |

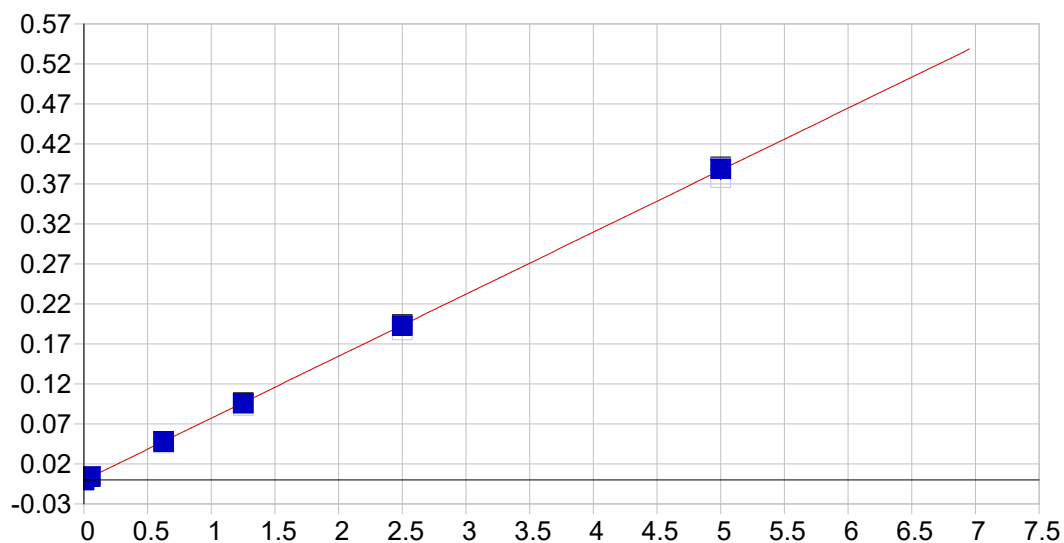


**Na 818.326 { 41}**

Date of Fit: 05/16/2022 13:17:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001576 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.006455  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999729  | Status:   | OK.      |
| Std Error of Est: | 0.000465  |           |          |
| Predicted MDL:    | 0.278083  |           |          |
| Predicted MQL:    | 0.926942  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00099      | .001       | .000    | -.00157 | .001    | 1        |
| S1        | 5.0000       | 4.6865      | -.314      | -6.27   | .02868  | .003    | 1        |
| S2        | 37.500       | 35.169      | -2.33      | -6.22   | .22545  | .002    | 1        |
| S3        | 75.000       | 71.305      | -3.69      | -4.93   | .45872  | .003    | 1        |
| S4        | 150.00       | 144.87      | -5.13      | -3.42   | .93360  | .002    | 1        |
| S5        | 300.00       | 298.44      | -1.56      | -.519   | 1.9249  | .009    | 1        |
| S6        | 800.00       | 813.03      | 13.0       | 1.63    | 5.2467  | .019    | 1        |

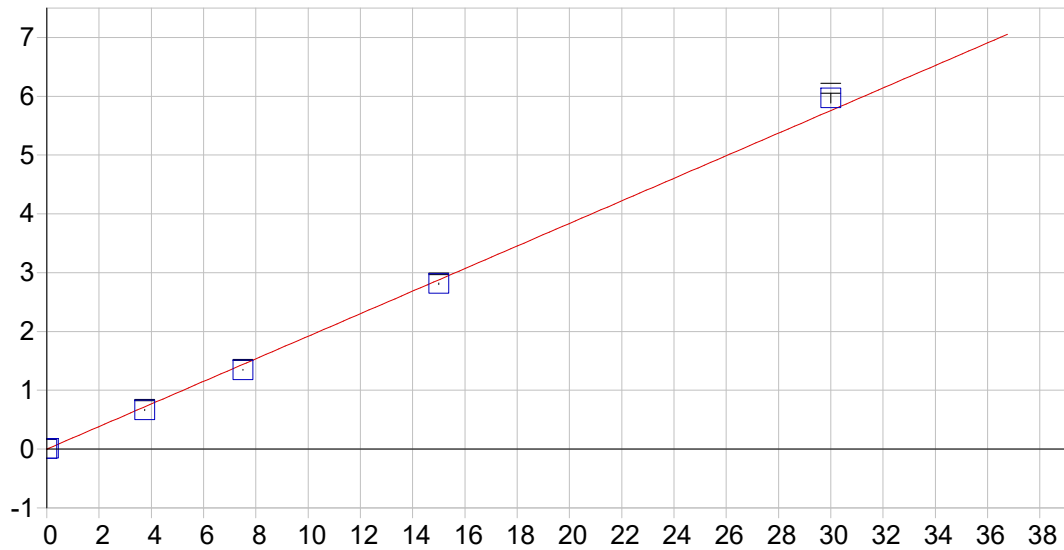


V 292.402 {115}

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000377 Re-Slope: 1.000000  
 A1 (Gain): 0.077515 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999951 Status: OK.  
 Std Error of Est: 0.000020  
 Predicted MDL: 0.004498  
 Predicted MQL: 0.014994

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00038 | .000    | 1        |
| S1        | .05000       | .05539      | .005       | 10.8    | .00391  | .000    | 1        |
| S2        | .62500       | .61836      | -.007      | -1.06   | .04614  | .000    | 1        |
| S3        | 1.2500       | 1.2387      | -.011      | -.908   | .09281  | .001    | 1        |
| S4        | 2.5000       | 2.4919      | -.008      | -.322   | .18714  | .001    | 1        |
| S5        | 5.0000       | 5.0205      | .021       | .410    | .37749  | .002    | 1        |

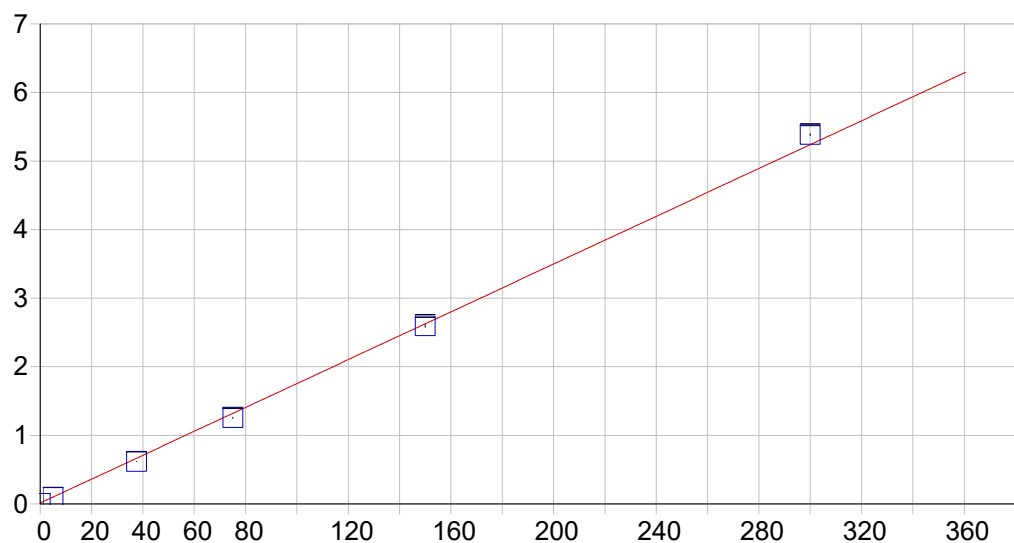


### Zn 213.856 {158}

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000011 Re-Slope: 1.000000  
 A1 (Gain): 0.191889 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999112 Status: OK.  
 Std Error of Est: 0.000576  
 Predicted MDL: 0.004344  
 Predicted MQL: 0.014480

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00001 | .001    | 1        |
| S1        | .06000       | .06042      | .000       | .704    | .01161 | .000    | 1        |
| S2        | 3.7500       | 3.4670      | -.283      | -7.55   | .66529 | .011    | 1        |
| S3        | 7.5000       | 7.0229      | -.477      | -6.36   | 1.3476 | .007    | 1        |
| S4        | 15.000       | 14.656      | -.344      | -2.29   | 2.8124 | .012    | 1        |
| S5        | 30.000       | 31.103      | 1.10       | 3.68    | 5.9684 | .085    | 1        |

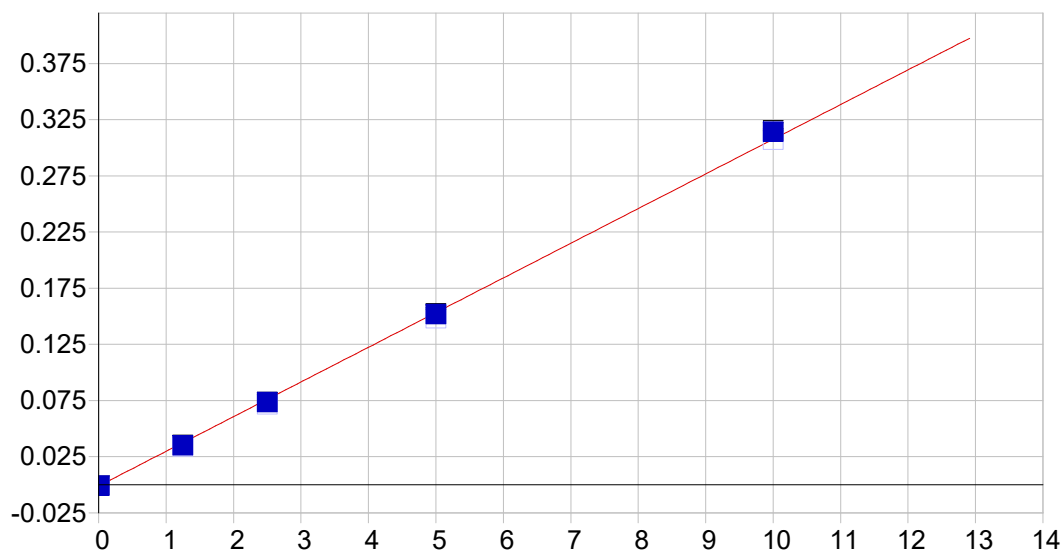


K 769.896 { 44 }

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.013049 Re-Slope: 1.000000  
 A1 (Gain): 0.017423 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999440 Status: OK.  
 Std Error of Est: 0.001203  
 Predicted MDL: 0.086354  
 Predicted MQL: 0.287845

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00070      | .001       | .000    | .01306 | .001    | 1        |
| S1        | 5.0000       | 4.8357      | -.164      | -3.29   | .09730 | .002    | 1        |
| S2        | 37.500       | 34.728      | -2.77      | -7.39   | .61813 | .003    | 1        |
| S3        | 75.000       | 71.353      | -3.65      | -4.86   | 1.2562 | .010    | 1        |
| S4        | 150.00       | 148.29      | -1.71      | -1.14   | 2.5968 | .021    | 1        |
| S5        | 300.00       | 308.29      | 8.29       | 2.76    | 5.3844 | .014    | 1        |

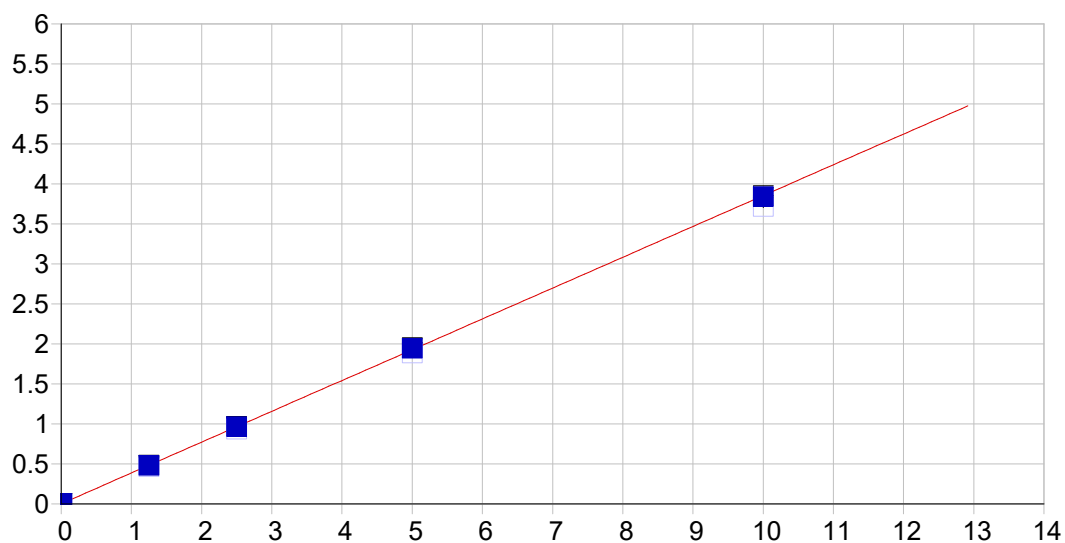


P 177.495 {490}

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001056 Re-Slope: 1.000000  
 A1 (Gain): 0.030874 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999605 Status: OK.  
 Std Error of Est: 0.000014  
 Predicted MDL: 0.005624  
 Predicted MQL: 0.018746

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00106 | .000    | 1        |
| S1        | .01000       | .00785      | -.002      | -21.5   | -.00082 | .000    | 1        |
| S2        | 1.2500       | 1.1671      | -.083      | -6.63   | .03407  | .000    | 1        |
| S3        | 2.5000       | 2.4144      | -.086      | -3.43   | .07166  | .000    | 1        |
| S4        | 5.0000       | 4.9517      | -.048      | -.966   | .14818  | .001    | 1        |
| S5        | 10.000       | 10.219      | .219       | 2.19    | .30716  | .001    | 1        |

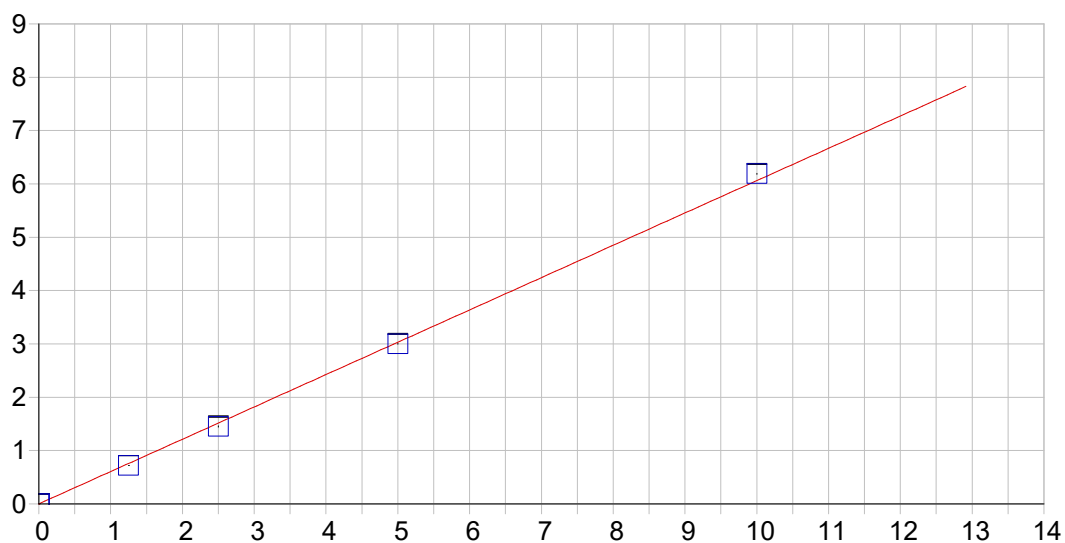


Date of Fit: 05/16/2022 13:17:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001632 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.385156 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999982 | Status:   | OK.      |
| Std Error of Est: | 0.000038 |           |          |
| Predicted MDL:    | 0.001210 |           |          |
| Predicted MQL:    | 0.004035 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00163 | .000    | 1        |
| S1        | .01000       | .00977      | -.000      | -2.26   | .00539 | .000    | 1        |
| S2        | 1.2500       | 1.2404      | -.010      | -.764   | .46407 | .003    | 1        |
| S3        | 2.5000       | 2.5001      | .000       | .004    | .93391 | .004    | 1        |
| S4        | 5.0000       | 5.0461      | .046       | .923    | 1.8839 | .007    | 1        |
| S5        | 10.000       | 9.9635      | -.036      | -.365   | 3.7166 | .013    | 1        |



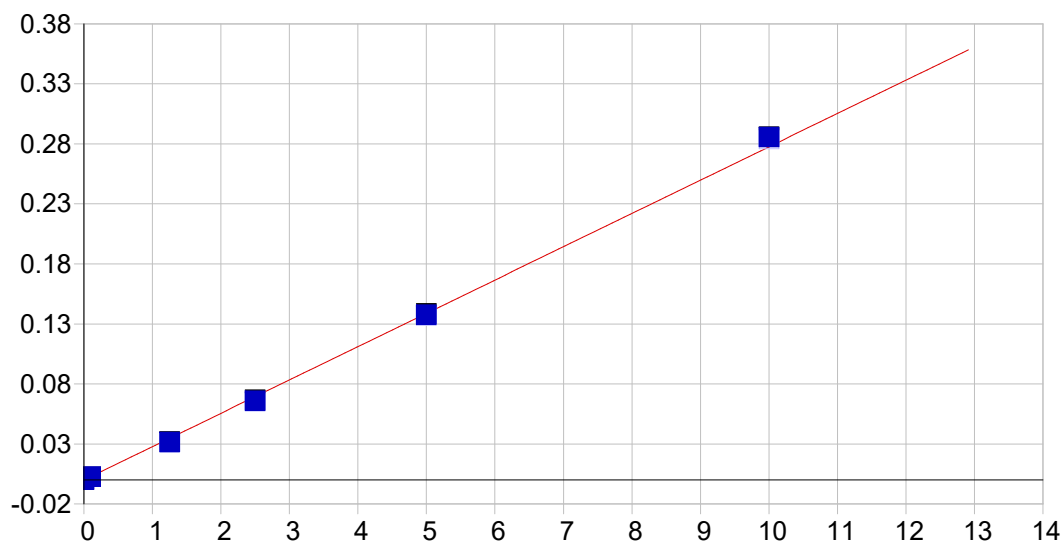


Mo 202.030 {467}

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000568 Re-Slope: 1.000000  
 A1 (Gain): 0.606075 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999673 Status: OK.  
 Std Error of Est: 0.000260  
 Predicted MDL: 0.000520  
 Predicted MQL: 0.001734

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00057 | .000    | 1        |
| S1        | .01000       | .01044      | .000       | 4.41    | .00690 | .000    | 1        |
| S2        | 1.2500       | 1.1876      | -.062      | -4.99   | .72033 | .002    | 1        |
| S3        | 2.5000       | 2.3975      | -.102      | -4.10   | 1.4537 | .013    | 1        |
| S4        | 5.0000       | 4.9528      | -.047      | -.944   | 3.0023 | .008    | 1        |
| S5        | 10.000       | 10.212      | .212       | 2.12    | 6.1896 | .009    | 1        |

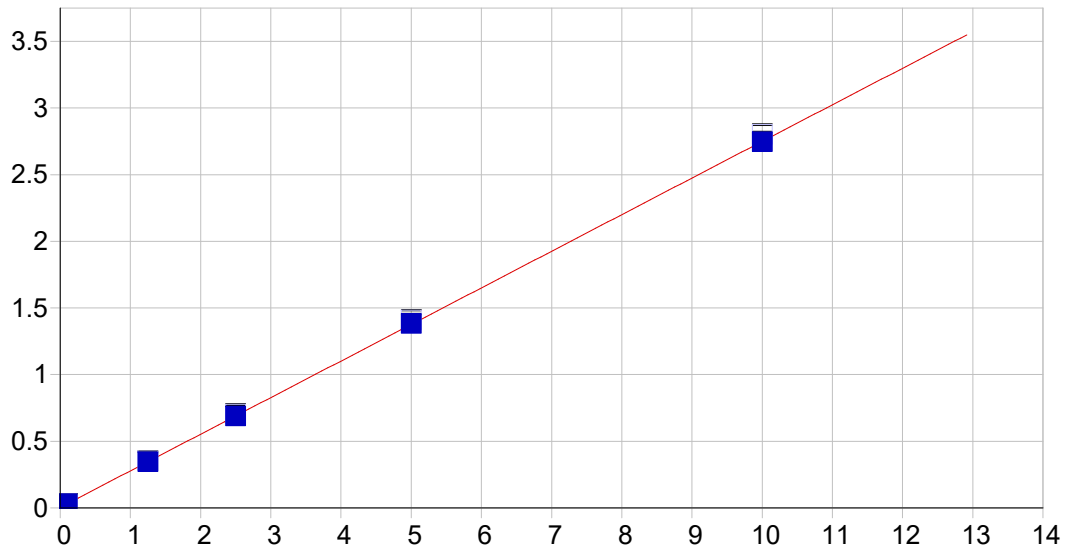


**S 182.034 {485}**

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000007 Re-Slope: 1.000000  
 A1 (Gain): 0.027758 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999308 Status: OK.  
 Std Error of Est: 0.000055  
 Predicted MDL: 0.007091  
 Predicted MQL: 0.023636

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | -.00001 | .000    | 1        |
| S1        | .10000       | .09664      | -.003      | -3.36   | .00267  | .000    | 1        |
| S2        | 1.2500       | 1.1361      | -.114      | -9.11   | .03132  | .000    | 1        |
| S3        | 2.5000       | 2.3698      | -.130      | -5.21   | .06536  | .001    | 1        |
| S4        | 5.0000       | 4.9605      | -.039      | -.790   | .13685  | .001    | 1        |
| S5        | 10.000       | 10.287      | .287       | 2.87    | .28387  | .000    | 1        |

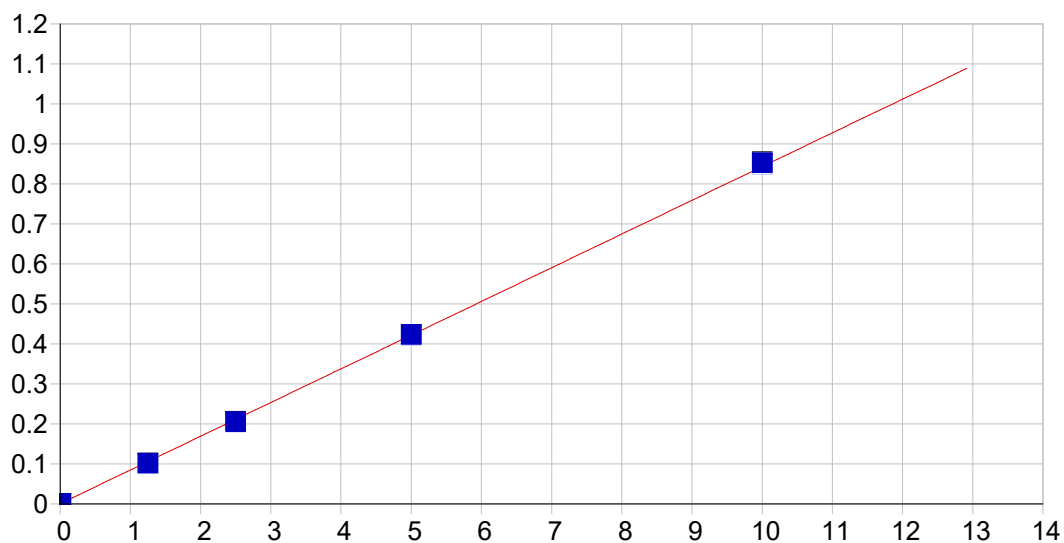


Si 251.611 {134}

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003424 Re-Slope: 1.000000  
 A1 (Gain): 0.274578 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999996 Status: OK.  
 Std Error of Est: 0.000044  
 Predicted MDL: 0.001473  
 Predicted MQL: 0.004910

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00342 | .000    | 1        |
| S1        | .10000       | .09782      | -.002      | -2.18   | .03060 | .000    | 1        |
| S2        | 1.2500       | 1.2439      | -.006      | -.486   | .35184 | .004    | 1        |
| S3        | 2.5000       | 2.5007      | .001       | .029    | .70379 | .004    | 1        |
| S4        | 5.0000       | 5.0199      | .020       | .398    | 1.4092 | .004    | 1        |
| S5        | 10.000       | 9.9876      | -.012      | -.124   | 2.8007 | .005    | 1        |

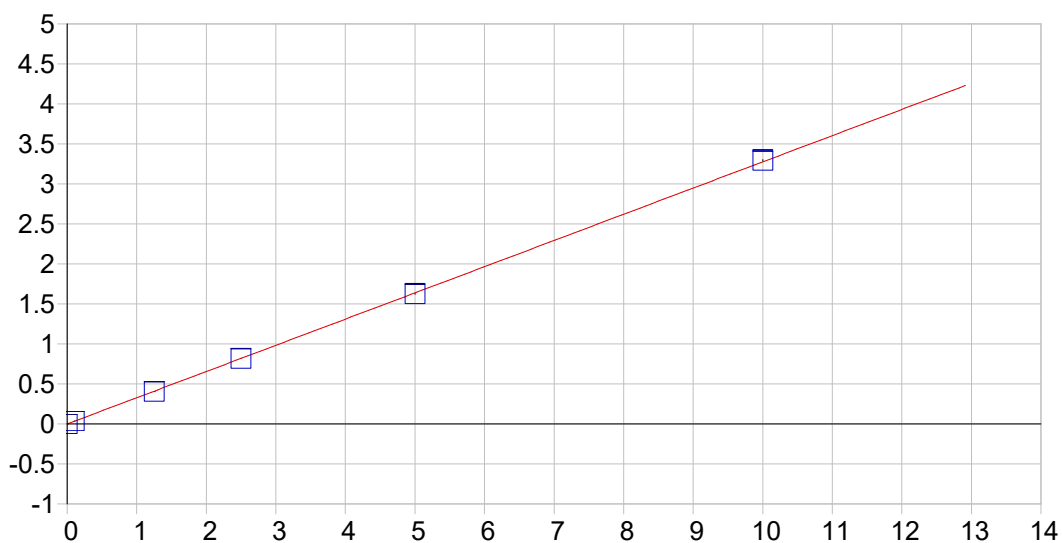


**Sn 189.989 {478}**

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000546 Re-Slope: 1.000000  
 A1 (Gain): 0.084272 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999856 Status: OK.  
 Std Error of Est: 0.000020  
 Predicted MDL: 0.002246  
 Predicted MQL: 0.007485

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00055 | .000    | 1        |
| S1        | .00700       | .00650      | -.001      | -7.20   | .00105 | .000    | 1        |
| S2        | 1.2500       | 1.1987      | -.051      | -4.11   | .10103 | .000    | 1        |
| S3        | 2.5000       | 2.4298      | -.070      | -2.81   | .20424 | .001    | 1        |
| S4        | 5.0000       | 5.0114      | .011       | .229    | .42073 | .001    | 1        |
| S5        | 10.000       | 10.111      | .111       | 1.11    | .84830 | .003    | 1        |

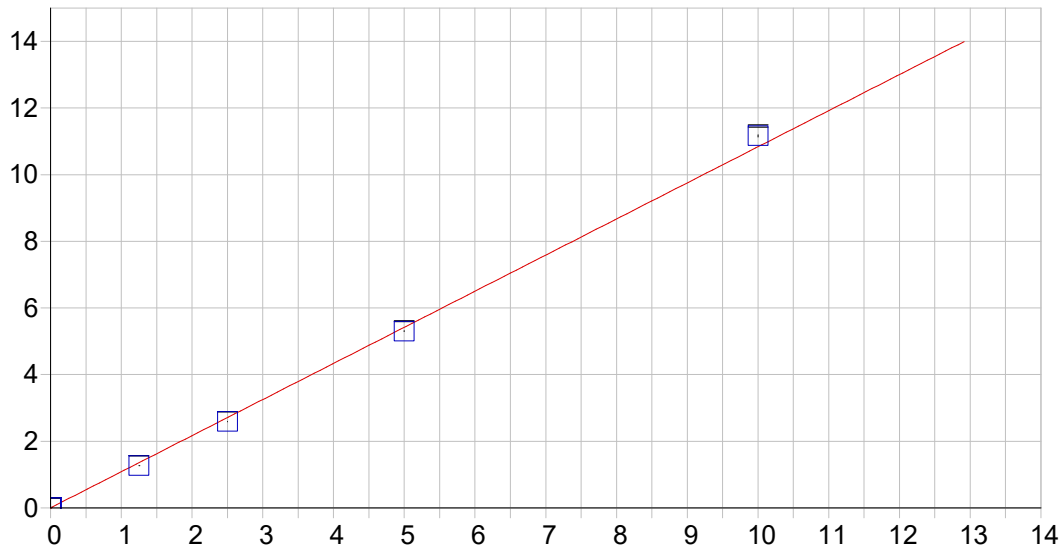


**Ti 336.121 {100}**

Date of Fit: 05/16/2022 13:17:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000189 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.327587  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999970  | Status:   | OK.      |
| Std Error of Est: | 0.000134  |           |          |
| Predicted MDL:    | 0.001798  |           |          |
| Predicted MQL:    | 0.005995  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00019 | .001    | 1        |
| S1        | .10000       | .10604      | .006       | 6.04    | .03455  | .000    | 1        |
| S2        | 1.2500       | 1.2352      | -.015      | -1.19   | .40443  | .001    | 1        |
| S3        | 2.5000       | 2.4926      | -.007      | -.297   | .81635  | .002    | 1        |
| S4        | 5.0000       | 4.9631      | -.037      | -.738   | 1.6257  | .005    | 1        |
| S5        | 10.000       | 10.053      | .053       | .531    | 3.2931  | .010    | 1        |

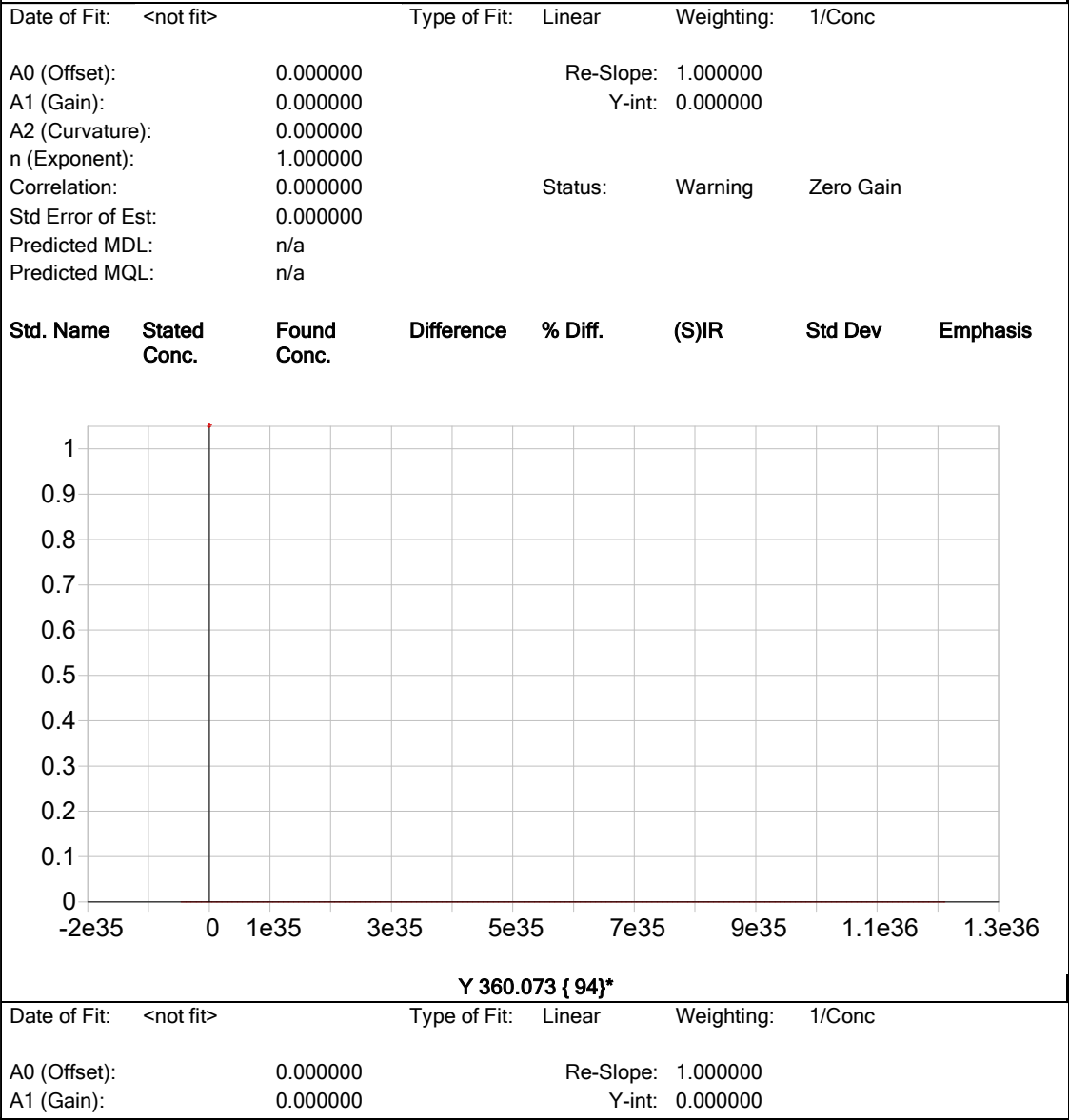
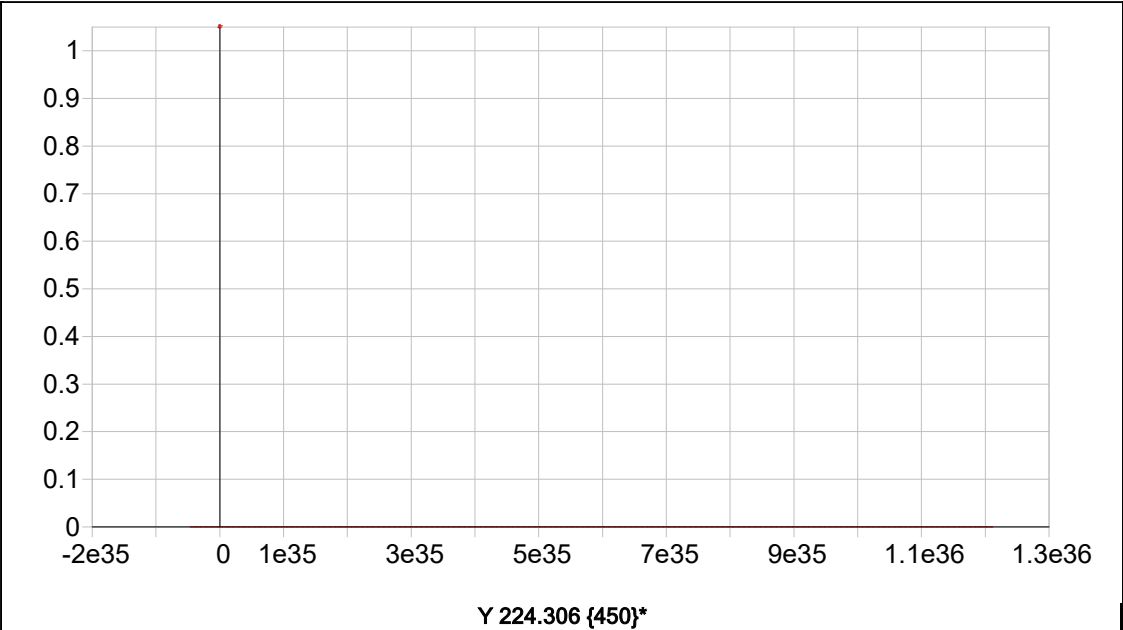


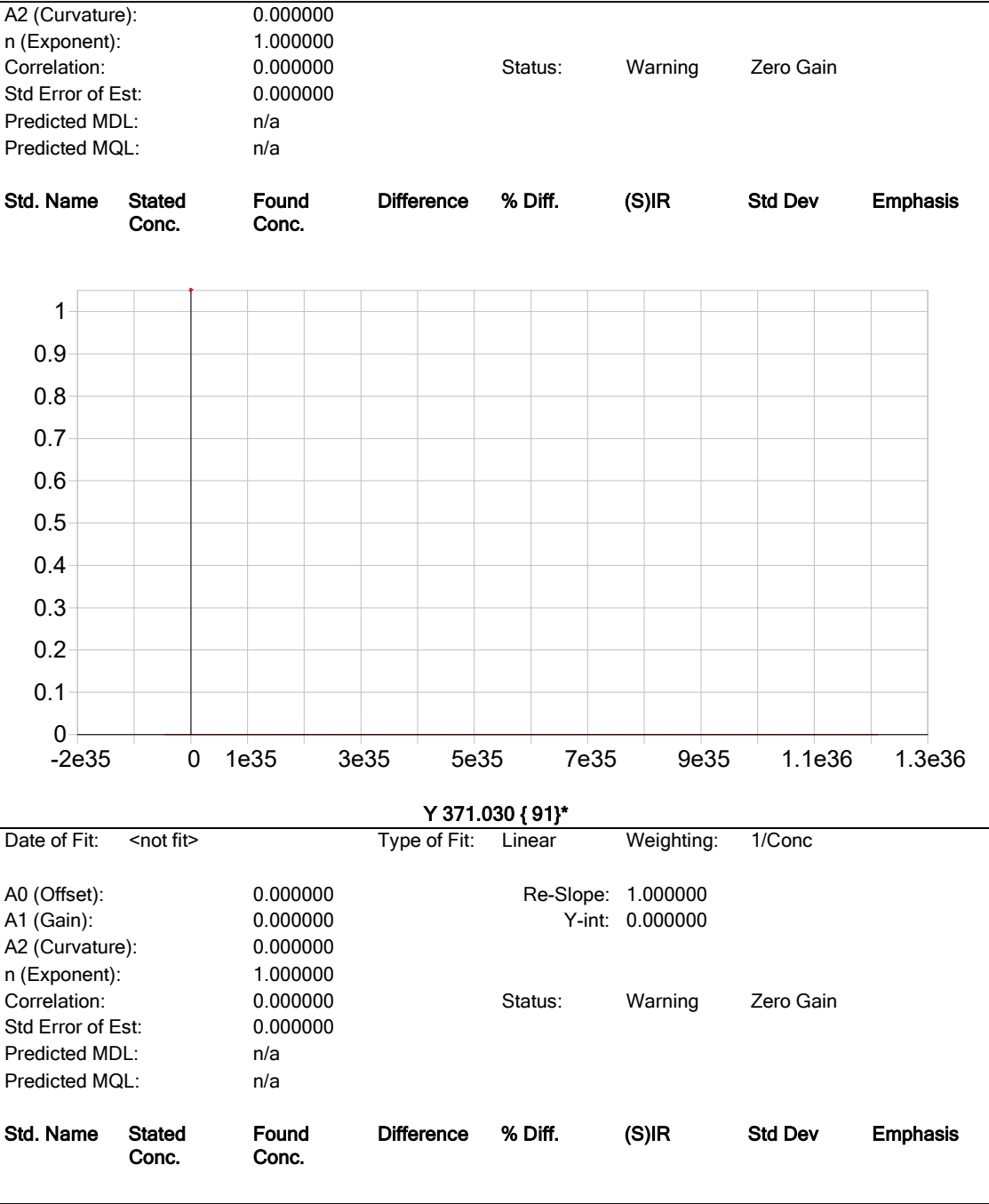
Li 670.784 { 50}

Date of Fit: 05/16/2022 13:17:43 Type of Fit: Linear Weighting: 1/Conc

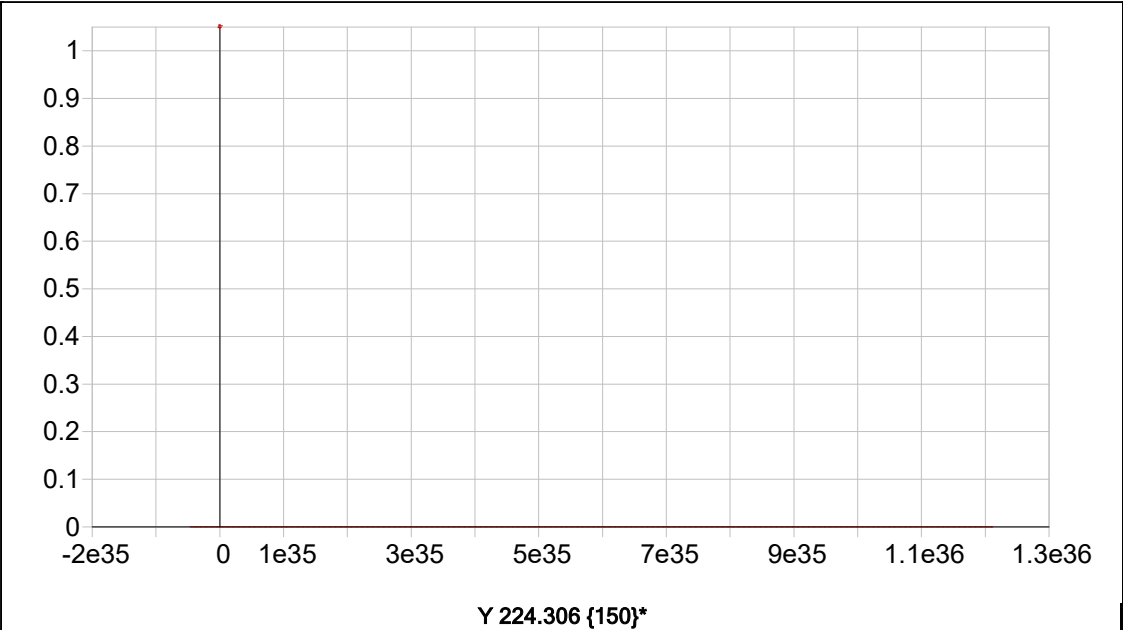
A0 (Offset): 0.002421 Re-Slope: 1.000000  
 A1 (Gain): 1.083467 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999407 Status: OK.  
 Std Error of Est: 0.000766  
 Predicted MDL: 0.001764  
 Predicted MQL: 0.005881

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00242 | .002    | 1        |
| S5        | 10.000       | 10.304      | .304       | 3.04    | 11.166 | .033    | 1        |
| S4        | 5.0000       | 4.8928      | -.107      | -2.14   | 5.3036 | .014    | 1        |
| S3        | 2.5000       | 2.3868      | -.113      | -4.53   | 2.5885 | .007    | 1        |
| S2        | 1.2500       | 1.1688      | -.081      | -6.50   | 1.2688 | .003    | 1        |
| S1        | .01500       | .01277      | -.002      | -14.9   | .01626 | .000    | 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 |
|-------------------|--------------|-------------|------------|---------|-------|---------|----------|
|                   |              |             |            |         |       |         |          |
| ln 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          |  |

