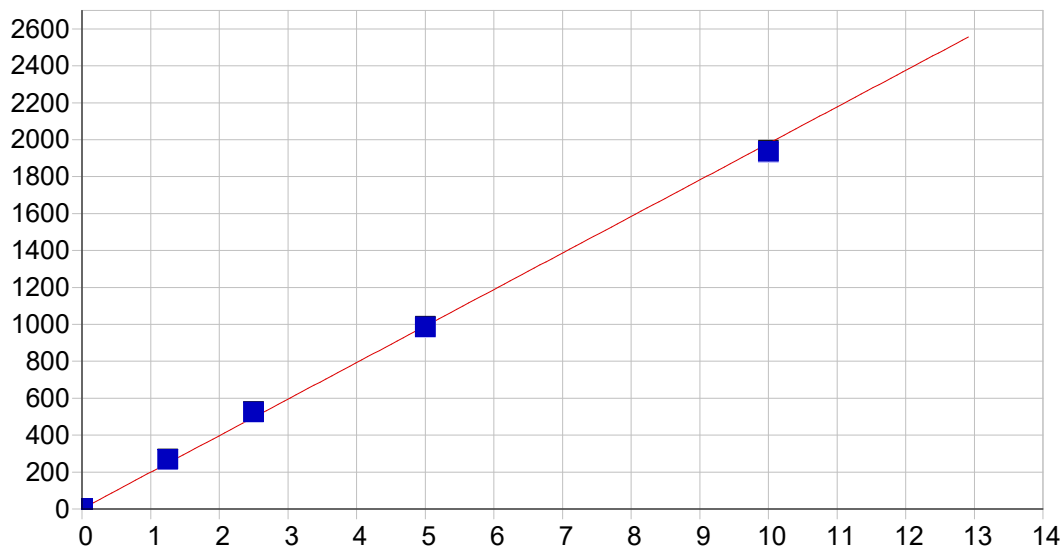


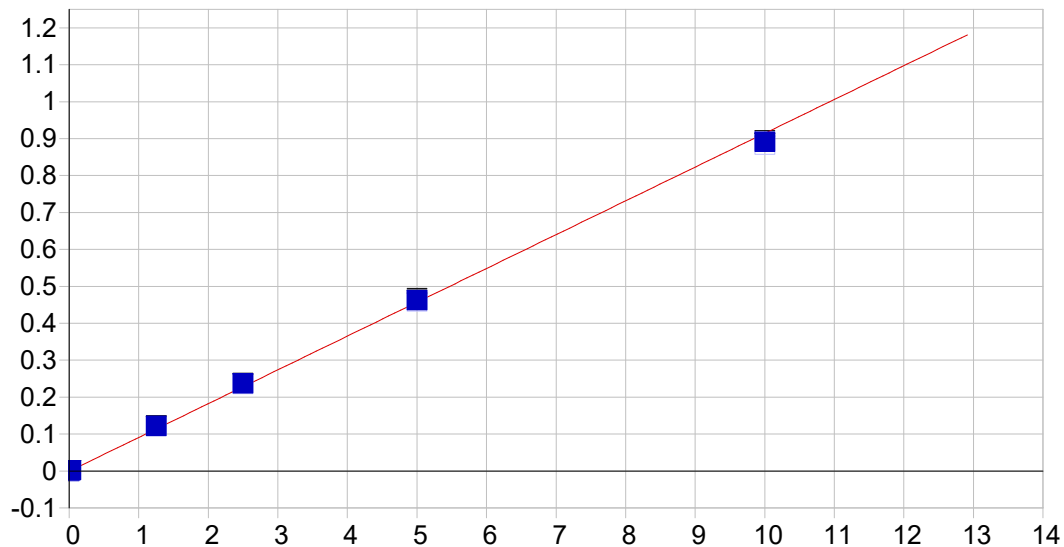


**As 189.042 {478}**

Date of Fit: 01/07/2025 19:30:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |            |           |          |
|-------------------|------------|-----------|----------|
| A0 (Offset):      | 1.213924   | Re-Slope: | 1.000000 |
| A1 (Gain):        | 197.839859 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000   |           |          |
| n (Exponent):     | 1.000000   |           |          |
| Correlation:      | 0.999409   | Status:   | OK.      |
| Std Error of Est: | 0.113644   |           |          |
| Predicted MDL:    | 0.005464   |           |          |
| Predicted MQL:    | 0.018212   |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | 1.2139 | .350    | 1        |
| S1        | .01000       | .00893      | -.001      | -10.7   | 2.9789 | .633    | 1        |
| S2        | 1.2500       | 1.3520      | .102       | 8.16    | 267.73 | 1.58    | 1        |
| S3        | 2.5000       | 2.6463      | .146       | 5.85    | 522.83 | 1.44    | 1        |
| S4        | 5.0000       | 4.9739      | -.026      | -.523   | 981.39 | 3.63    | 1        |
| S5        | 10.000       | 9.7789      | -.221      | -2.21   | 1928.2 | 6.54    | 1        |

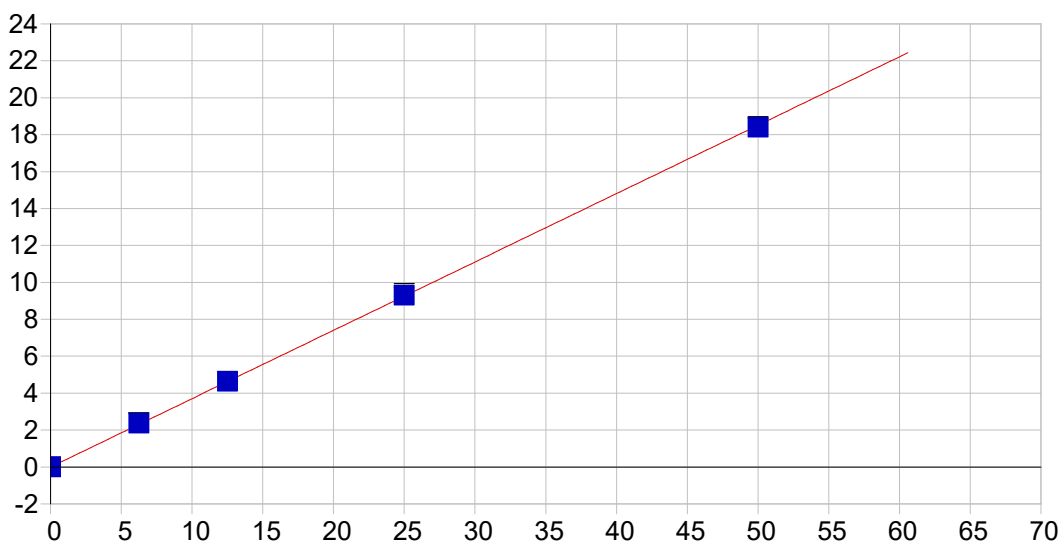


TI 190.856 {477}

Date of Fit: 01/07/2025 19:30:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000712 Re-Slope: 1.000000  
 A1 (Gain): 0.091512 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999522 Status: OK.  
 Std Error of Est: 0.000074  
 Predicted MDL: 0.003620  
 Predicted MQL: 0.012067

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00071 | .000    | 1        |
| S1        | .02500       | .02906      | .004       | 16.2    | .00187  | .000    | 1        |
| S2        | 1.2500       | 1.3381      | .088       | 7.05    | .12076  | .001    | 1        |
| S3        | 2.5000       | 2.5965      | .097       | 3.86    | .23494  | .001    | 1        |
| S4        | 5.0000       | 5.0621      | .062       | 1.24    | .45861  | .005    | 1        |
| S5        | 10.000       | 9.7492      | -.251      | -2.51   | .88361  | .003    | 1        |

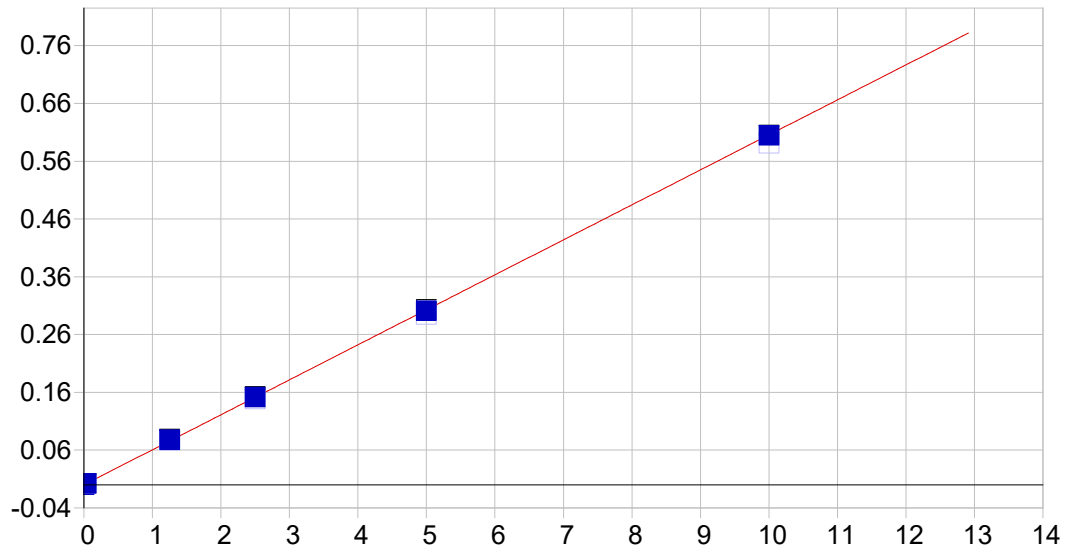


**Pb 220.353 {453}**

Date of Fit: 01/07/2025 19:30:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.002188 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.370275  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999962  | Status:   | OK.      |
| Std Error of Est: | 0.000121  |           |          |
| Predicted MDL:    | 0.002580  |           |          |
| Predicted MQL:    | 0.008600  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00219 | .000    | 1        |
| S1        | .01000       | .01205      | .002       | 20.5    | .00225  | .000    | 1        |
| S2        | 6.2500       | 6.4149      | .165       | 2.64    | 2.3700  | .028    | 1        |
| S3        | 12.500       | 12.513      | .013       | .107    | 4.6251  | .008    | 1        |
| S4        | 25.000       | 25.120      | .120       | .480    | 9.2869  | .102    | 1        |
| S5        | 50.000       | 49.700      | -.300      | -.601   | 18.376  | .044    | 1        |

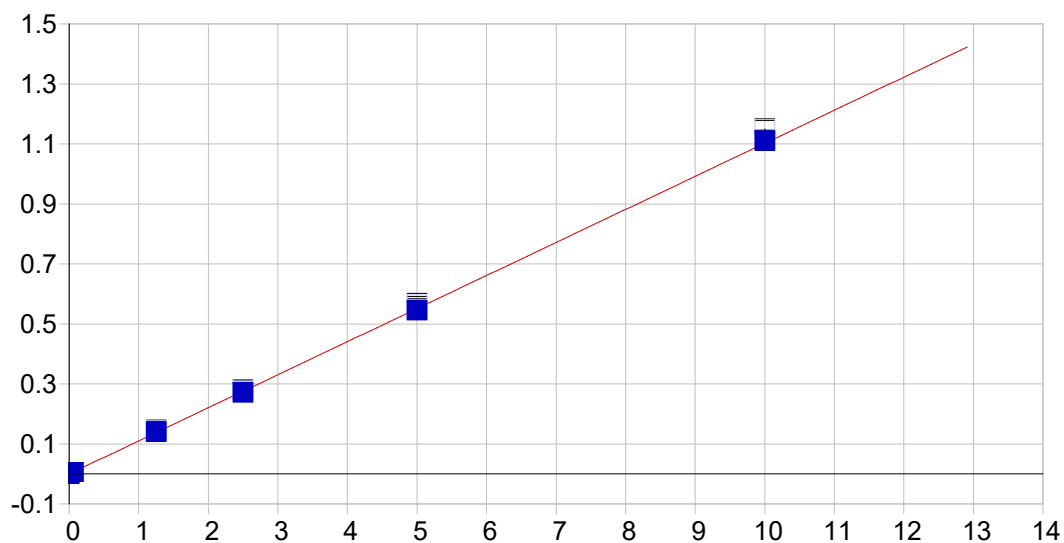


**Se 196.090 {472}**

Date of Fit: 01/07/2025 19:30:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000006 Re-Slope: 1.000000  
 A1 (Gain): 0.060556 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999949 Status: OK.  
 Std Error of Est: 0.000019  
 Predicted MDL: 0.006256  
 Predicted MQL: 0.020852

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00001 | .000    | 1        |
| S1        | .03500       | .03110      | -.004      | -11.2   | .00187  | .000    | 1        |
| S2        | 1.2500       | 1.2891      | .039       | 3.13    | .07635  | .001    | 1        |
| S3        | 2.5000       | 2.5078      | .008       | .313    | .14845  | .001    | 1        |
| S4        | 5.0000       | 4.9755      | -.025      | -.490   | .29448  | .002    | 1        |
| S5        | 10.000       | 9.9816      | -.018      | -.184   | .59082  | .001    | 1        |

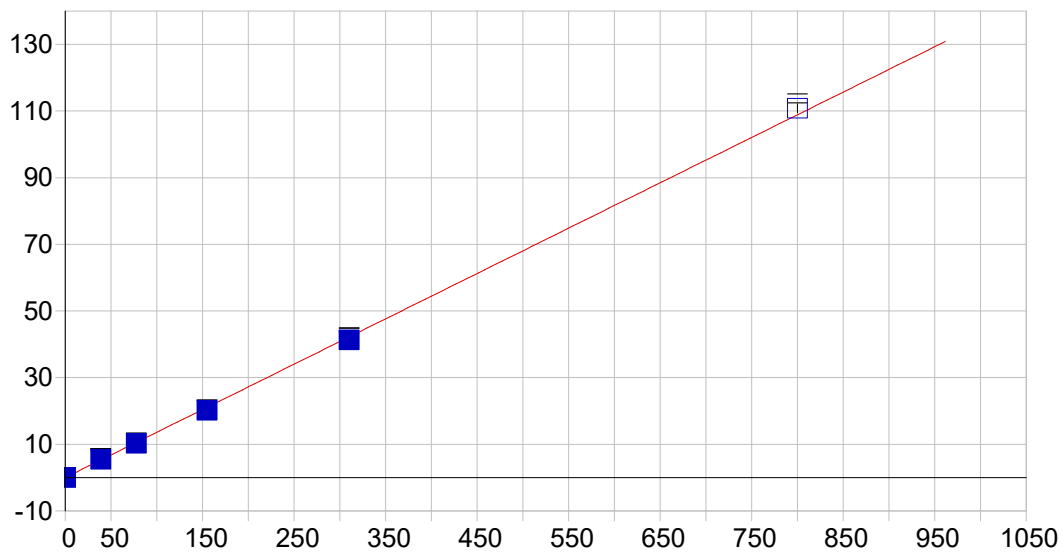


**Sb 206.833 {463}**

Date of Fit: 01/07/2025 19:30:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000021 Re-Slope: 1.000000  
 A1 (Gain): 0.110209 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999939 Status: OK.  
 Std Error of Est: 0.000052  
 Predicted MDL: 0.004583  
 Predicted MQL: 0.015278

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00002 | .000    | 1        |
| S1        | .06000       | .05605      | -.004      | -6.59   | .00616  | .000    | 1        |
| S2        | 1.2500       | 1.2706      | .021       | 1.64    | .14461  | .002    | 1        |
| S3        | 2.5000       | 2.4593      | -.041      | -1.63   | .28023  | .001    | 1        |
| S4        | 5.0000       | 4.9459      | -.054      | -1.08   | .56348  | .005    | 1        |
| S5        | 10.000       | 10.078      | .078       | .781    | 1.1475  | .002    | 1        |

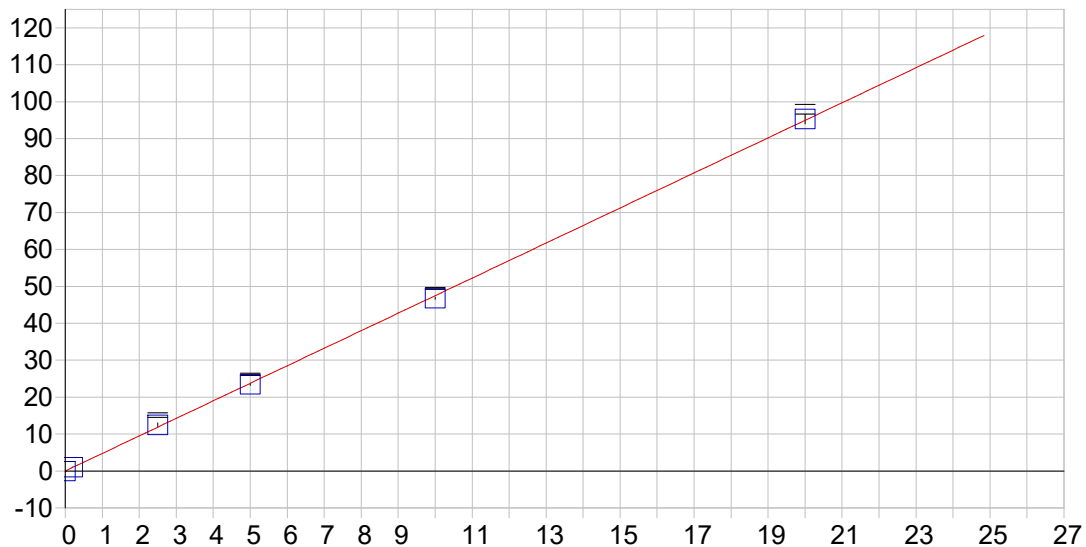


AI 396.152 { 85}

Date of Fit: 01/07/2025 19:30:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001406 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.136095  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999714  | Status:   | OK.      |
| Std Error of Est: | 0.002025  |           |          |
| Predicted MDL:    | 0.036641  |           |          |
| Predicted MQL:    | 0.122136  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00141 | .006    | 1        |
| S1        | .20000       | .20583      | .006       | 2.91    | .02665  | .004    | 1        |
| S2        | 38.750       | 40.046      | 1.30       | 3.34    | 5.4544  | .277    | 1        |
| S3        | 77.500       | 75.088      | -2.41      | -3.11   | 10.229  | .127    | 1        |
| S4        | 155.00       | 148.40      | -6.60      | -4.26   | 20.217  | .112    | 1        |
| S5        | 310.00       | 303.47      | -6.53      | -2.11   | 41.346  | .579    | 1        |
| S6        | 800.00       | 814.26      | 14.3       | 1.78    | 110.81  | 1.32    | 1        |

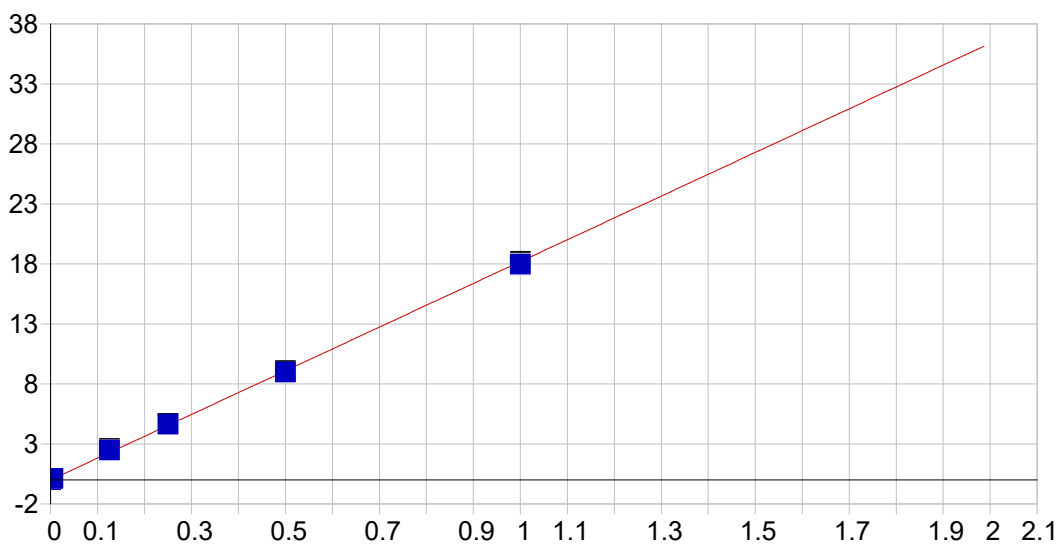


**Ba 493.409 { 68}**

Date of Fit: 01/07/2025 19:30:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001598 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 4.747572 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999854 | Status:   | OK.      |
| Std Error of Est: | 0.008632 |           |          |
| Predicted MDL:    | 0.001851 |           |          |
| Predicted MQL:    | 0.006170 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00149 | .006    | 1        |
| S1        | .20000       | .21744      | .017       | 8.72    | 1.0339 | .017    | 1        |
| S2        | 2.5000       | 2.6240      | .124       | 4.96    | 12.459 | .621    | 1        |
| S3        | 5.0000       | 4.9419      | -.058      | -1.16   | 23.464 | .294    | 1        |
| S4        | 10.000       | 9.8445      | -.156      | -1.56   | 46.739 | .282    | 1        |
| S5        | 20.000       | 20.072      | .072       | .361    | 95.296 | 1.30    | 1        |

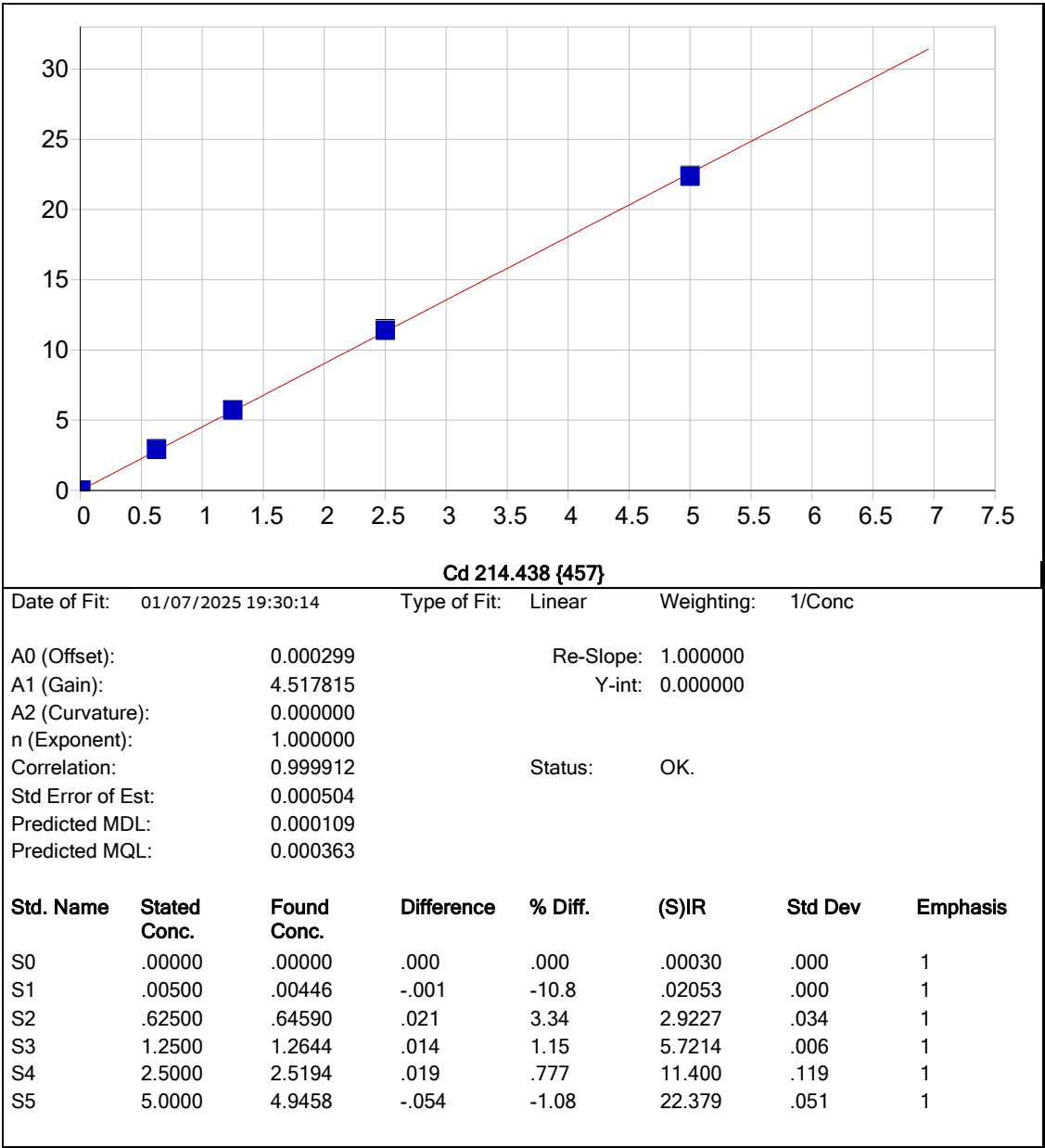


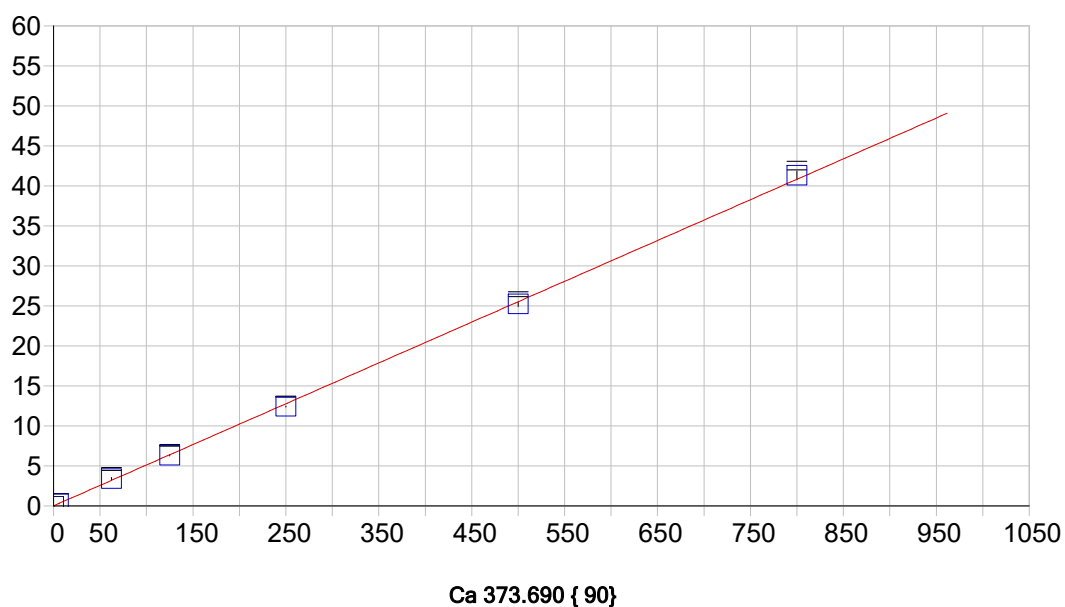
Be 234.861 {144}

Date of Fit: 01/07/2025 19:30:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002755 Re-Slope: 1.000000  
 A1 (Gain): 18.193857 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999599 Status: OK.  
 Std Error of Est: 0.001926  
 Predicted MDL: 0.000167  
 Predicted MQL: 0.000555

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00277 | .002    | 1        |
| S1        | .00500       | .00543      | .000       | 8.63    | .09598  | .002    | 1        |
| S2        | .12500       | .13687      | .012       | 9.50    | 2.4771  | .099    | 1        |
| S3        | .25000       | .25547      | .005       | 2.19    | 4.6244  | .043    | 1        |
| S4        | .50000       | .49410      | -.006      | -1.18   | 8.9450  | .116    | 1        |
| S5        | 1.0000       | .98812      | -.012      | -1.19   | 17.891  | .226    | 1        |

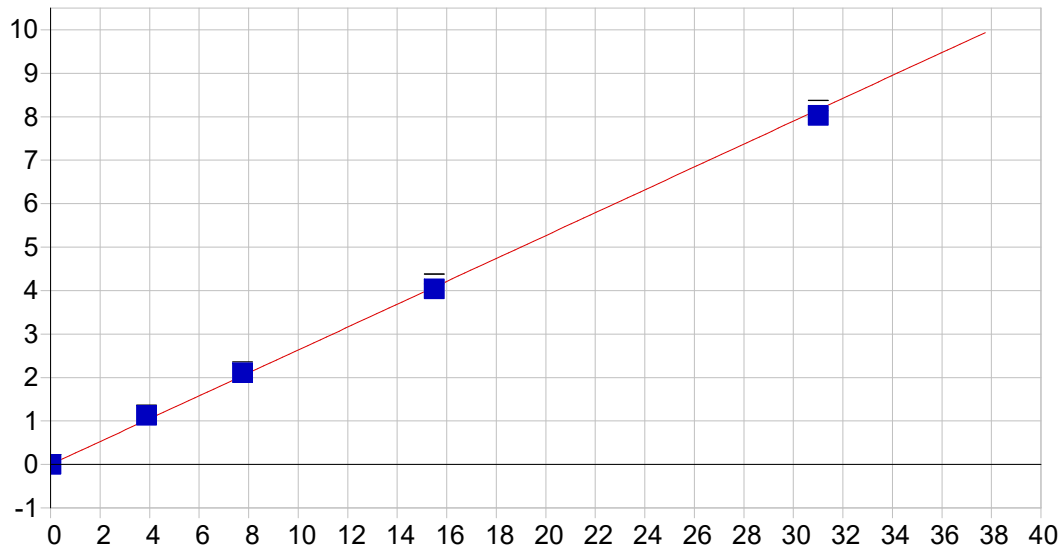




Date of Fit: 01/07/2025 19:30:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.013693 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.051020 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999822 | Status:   | OK.      |
| Std Error of Est: | 0.003362 |           |          |
| Predicted MDL:    | 0.062099 |           |          |
| Predicted MQL:    | 0.206998 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00059     | -.001      | .000    | .01366 | .002    | 1        |
| S1        | 5.0000       | 5.4702      | .470       | 9.40    | .29278 | .003    | 1        |
| S2        | 62.500       | 66.171      | 3.67       | 5.87    | 3.3897 | .176    | 1        |
| S3        | 125.00       | 123.98      | -1.02      | -.819   | 6.3389 | .086    | 1        |
| S4        | 250.00       | 243.38      | -6.62      | -2.65   | 12.431 | .069    | 1        |
| S5        | 500.00       | 494.15      | -5.85      | -1.17   | 25.225 | .295    | 1        |
| S6        | 800.00       | 809.35      | 9.35       | 1.17    | 41.306 | .535    | 1        |

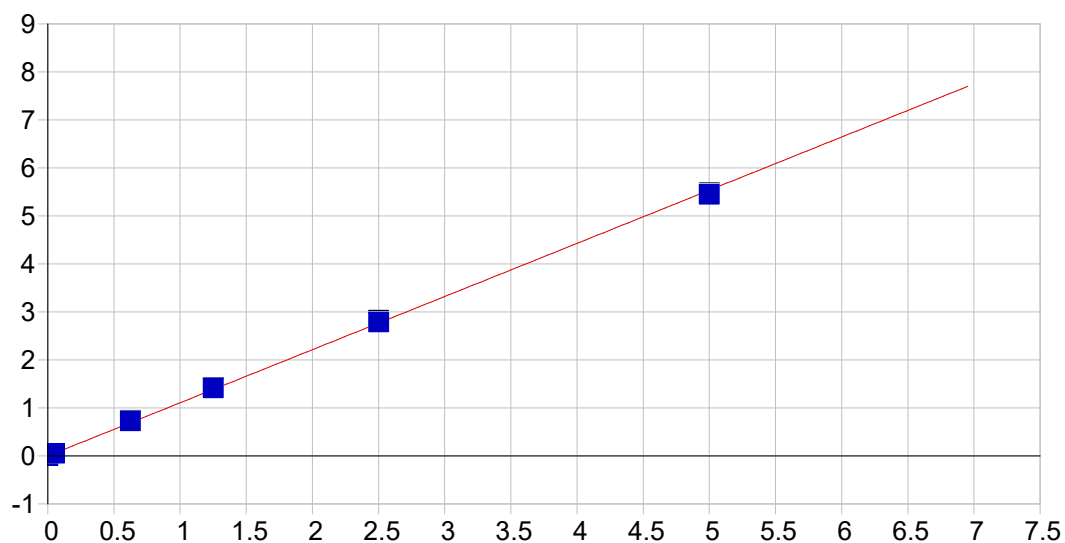


Cr 267.716 {126}

Date of Fit: 01/07/2025 19:30:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000155 Re-Slope: 1.000000  
 A1 (Gain): 0.263245 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999472 Status: OK.  
 Std Error of Est: 0.000253  
 Predicted MDL: 0.001094  
 Predicted MQL: 0.003645

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00015 | .000    | 1        |
| S1        | .01000       | .00999      | -.000      | -.127   | .00248  | .000    | 1        |
| S2        | 3.8750       | 4.2870      | .412       | 10.6    | 1.1292  | .007    | 1        |
| S3        | 7.7500       | 7.9992      | .249       | 3.22    | 2.1072  | .025    | 1        |
| S4        | 15.500       | 15.338      | -.162      | -1.04   | 4.0407  | .114    | 1        |
| S5        | 31.000       | 30.501      | -.499      | -1.61   | 8.0353  | .117    | 1        |

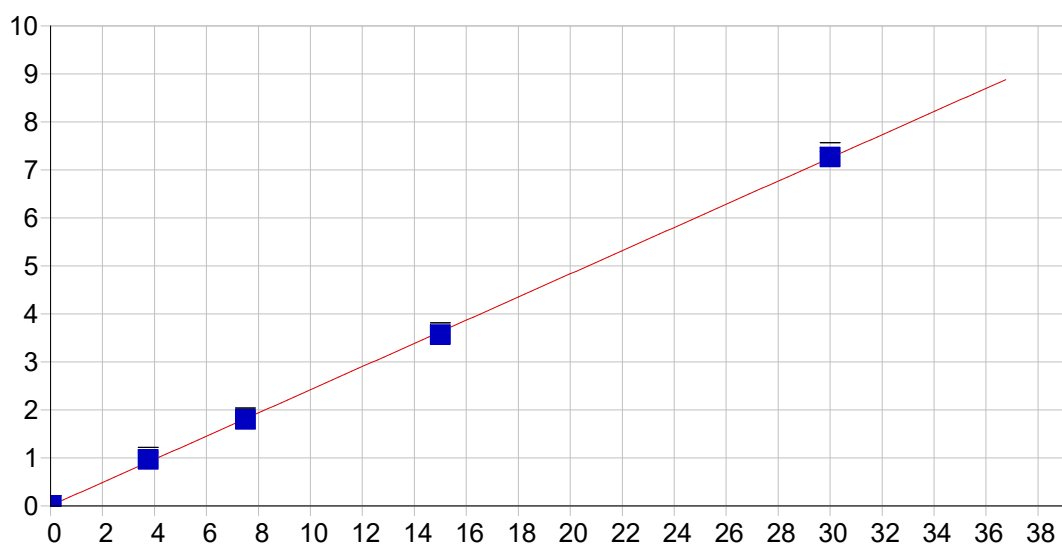


**Co 228.616 {448}**

Date of Fit: 01/07/2025 19:30:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000845 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.107311  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999784  | Status:   | OK.      |
| Std Error of Est: | 0.000614  |           |          |
| Predicted MDL:    | 0.000476  |           |          |
| Predicted MQL:    | 0.001588  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00085 | .000    | 1        |
| S1        | .05000       | .04724      | -.003      | -5.52   | .05164  | .000    | 1        |
| S2        | .62500       | .65981      | .035       | 5.57    | .73200  | .008    | 1        |
| S3        | 1.2500       | 1.2777      | .028       | 2.21    | 1.4184  | .003    | 1        |
| S4        | 2.5000       | 2.5193      | .019       | .772    | 2.7977  | .032    | 1        |
| S5        | 5.0000       | 4.9210      | -.079      | -1.58   | 5.4661  | .012    | 1        |

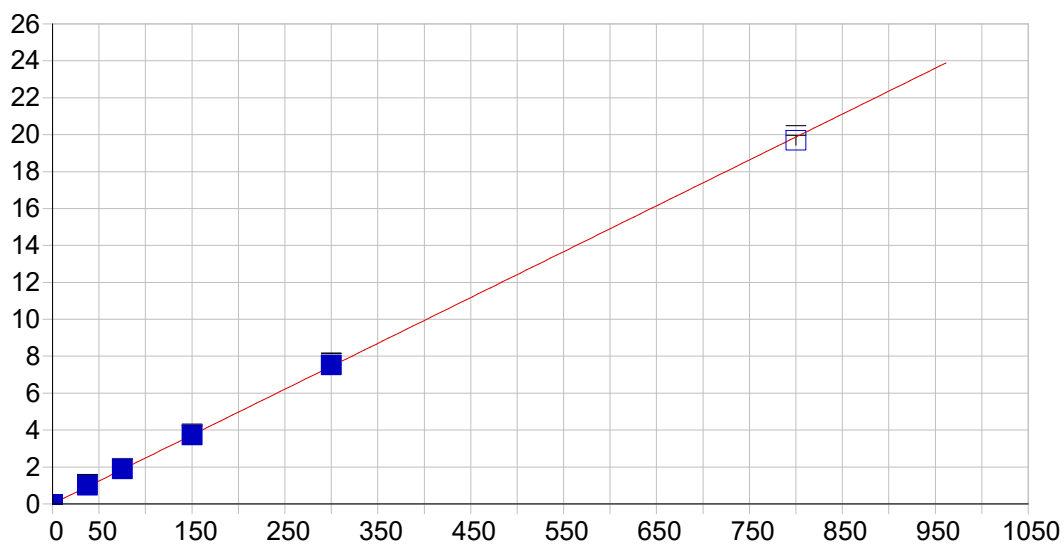


**Cu 324.754 {104}**

Date of Fit: 01/07/2025 19:30:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.005083 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.241488 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999845 | Status:   | OK.      |
| Std Error of Est: | 0.000195 |           |          |
| Predicted MDL:    | 0.009864 |           |          |
| Predicted MQL:    | 0.032880 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00508 | .005    | 1        |
| S1        | .02500       | .02600      | .001       | 4.01    | .01135 | .005    | 1        |
| S2        | 3.7500       | 3.9689      | .219       | 5.84    | .96342 | .051    | 1        |
| S3        | 7.5000       | 7.4407      | -.059      | -.791   | 1.8017 | .030    | 1        |
| S4        | 15.000       | 14.757      | -.243      | -1.62   | 3.5683 | .038    | 1        |
| S5        | 30.000       | 30.083      | .083       | .275    | 7.2689 | .088    | 1        |

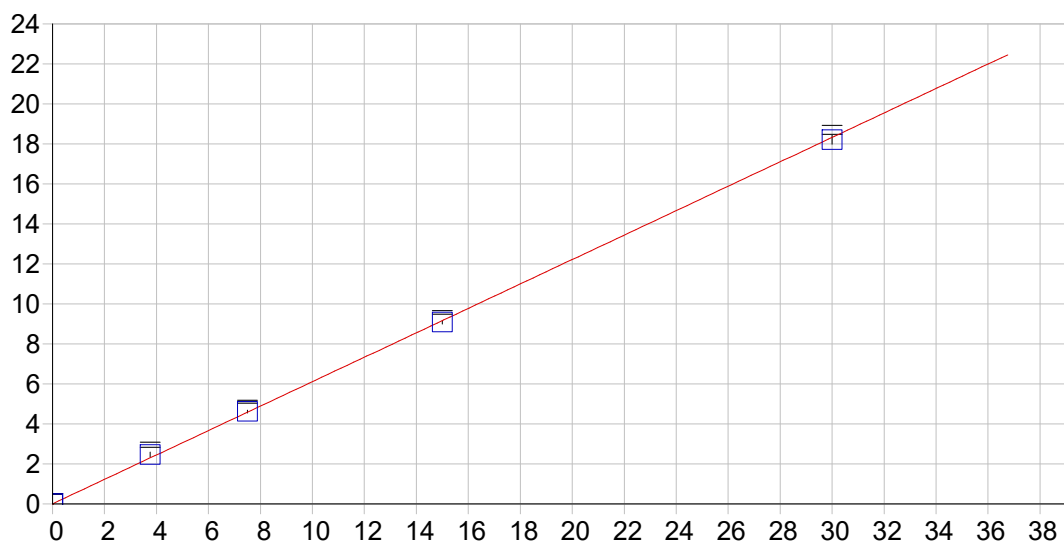


**Fe 259.837 {130}**

Date of Fit: 01/07/2025 19:30:14      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.001557      Re-Slope: 1.000000  
A1 (Gain): 0.024840      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999869      Status: OK.  
Std Error of Est: 0.000176  
Predicted MDL: 0.048964  
Predicted MQL: 0.163214

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00156 | .000    | 1        |
| S1        | .10000       | .08051      | -.019      | -19.5   | .00356 | .002    | 1        |
| S2        | 37.500       | 40.521      | 3.02       | 8.06    | 1.0083 | .054    | 1        |
| S3        | 75.000       | 76.084      | 1.08       | 1.45    | 1.8919 | .026    | 1        |
| S4        | 150.00       | 150.25      | .255       | .170    | 3.7347 | .042    | 1        |
| S5        | 300.00       | 302.92      | 2.92       | .973    | 7.5277 | .094    | 1        |
| S6        | 800.00       | 792.74      | -7.26      | -.908   | 19.693 | .266    | 1        |

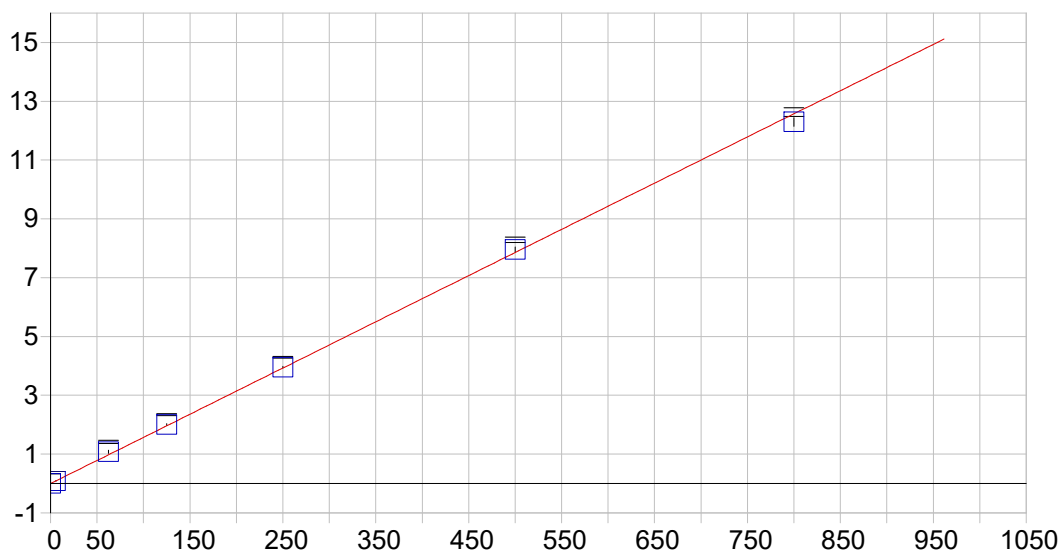


**Mn 257.610 {131}**

Date of Fit: 01/07/2025 19:30:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.004652 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.610738 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999788 | Status:   | OK.      |
| Std Error of Est: | 0.000447 |           |          |
| Predicted MDL:    | 0.002160 |           |          |
| Predicted MQL:    | 0.007199 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00465 | .001    | 1        |
| S1        | .01500       | .01779      | .003       | 18.6    | .01552 | .001    | 1        |
| S2        | 3.7500       | 4.0267      | .277       | 7.38    | 2.4639 | .121    | 1        |
| S3        | 7.5000       | 7.5537      | .054       | .716    | 4.6180 | .067    | 1        |
| S4        | 15.000       | 14.860      | -.140      | -.931   | 9.0805 | .089    | 1        |
| S5        | 30.000       | 29.806      | -.194      | -.645   | 18.209 | .229    | 1        |

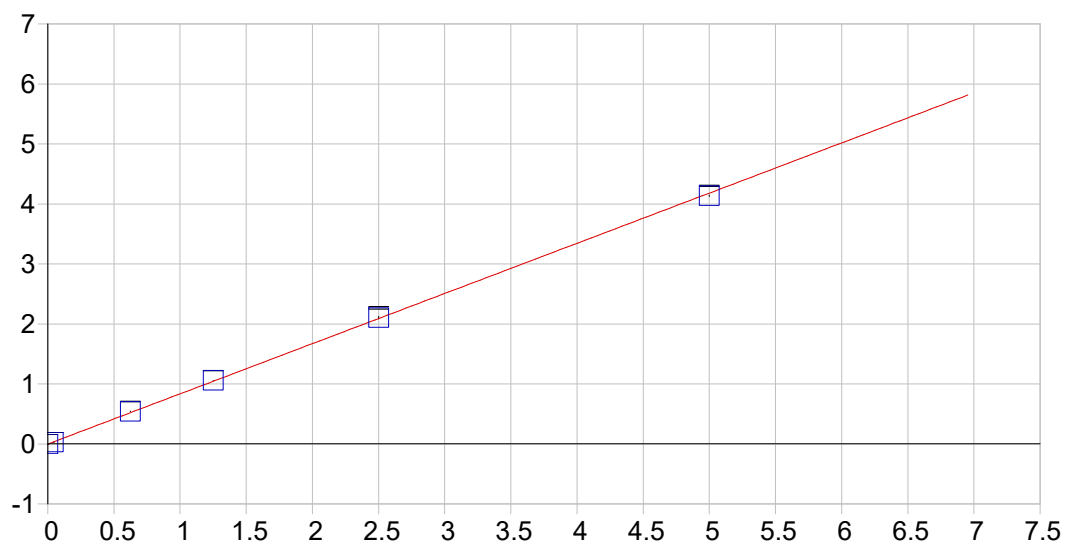


**Mg 279.079 {121}**

Date of Fit: 01/07/2025 19:30:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.003053 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.015721  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999633  | Status:   | OK.      |
| Std Error of Est: | 0.001488  |           |          |
| Predicted MDL:    | 0.105047  |           |          |
| Predicted MQL:    | 0.350157  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00139     | -.001      | .000    | -.00308 | .002    | 1        |
| S1        | 5.0000       | 5.7922      | .792       | 15.8    | .08801  | .001    | 1        |
| S2        | 62.500       | 68.694      | 6.19       | 9.91    | 1.0769  | .051    | 1        |
| S3        | 125.00       | 127.87      | 2.87       | 2.30    | 2.0073  | .033    | 1        |
| S4        | 250.00       | 251.67      | 1.67       | .668    | 3.9536  | .029    | 1        |
| S5        | 500.00       | 506.12      | 6.12       | 1.22    | 7.9539  | .092    | 1        |
| S6        | 800.00       | 782.35      | -17.6      | -2.21   | 12.297  | .146    | 1        |

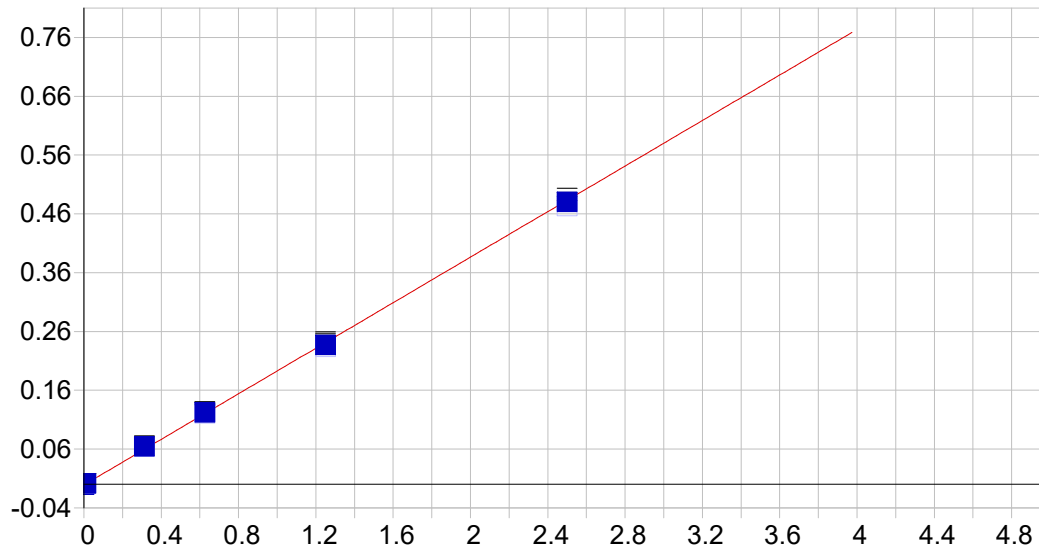


# **Ni 231.604 {446}**

Date of Fit: 01/07/2025 19:30:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001694 Re-Slope: 1.000000  
A1 (Gain): 0.836294 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999904 Status: OK.  
Std Error of Est: 0.000276  
Predicted MDL: 0.000849  
Predicted MQL: 0.002828

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00169 | .001    | 1        |
| S1        | .04000       | .03745      | -.003      | -6.38   | .02962  | .000    | 1        |
| S2        | .62500       | .64741      | .022       | 3.58    | .53973  | .006    | 1        |
| S3        | 1.2500       | 1.2649      | .015       | 1.19    | 1.0561  | .002    | 1        |
| S4        | 2.5000       | 2.5175      | .018       | .701    | 2.1037  | .023    | 1        |
| S5        | 5.0000       | 4.9478      | -.052      | -1.04   | 4.1361  | .012    | 1        |

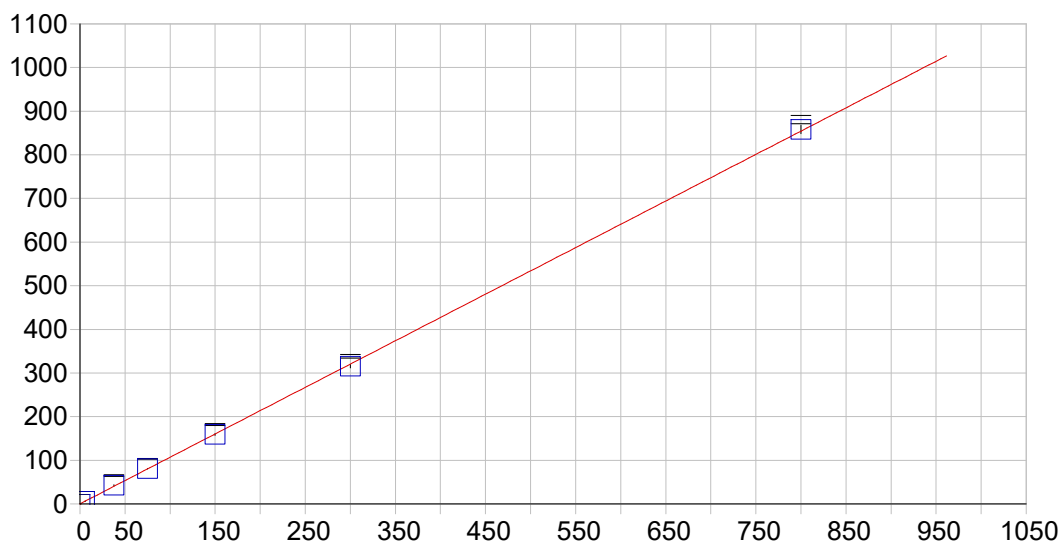


**Ag 328.068 {103}**

Date of Fit: 01/07/2025 19:30:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000818 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.193623  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999632  | Status:   | OK.      |
| Std Error of Est: | 0.000043  |           |          |
| Predicted MDL:    | 0.002322  |           |          |
| Predicted MQL:    | 0.007741  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00082 | .000    | 1        |
| S1        | .01000       | .01256      | .003       | 25.6    | .00161  | .001    | 1        |
| S2        | .31250       | .33810      | .026       | 8.19    | .06377  | .001    | 1        |
| S3        | .62500       | .63455      | .010       | 1.53    | .12030  | .002    | 1        |
| S4        | 1.2500       | 1.2290      | -.021      | -1.68   | .23366  | .005    | 1        |
| S5        | 2.5000       | 2.4832      | -.017      | -6.71   | .47302  | .007    | 1        |

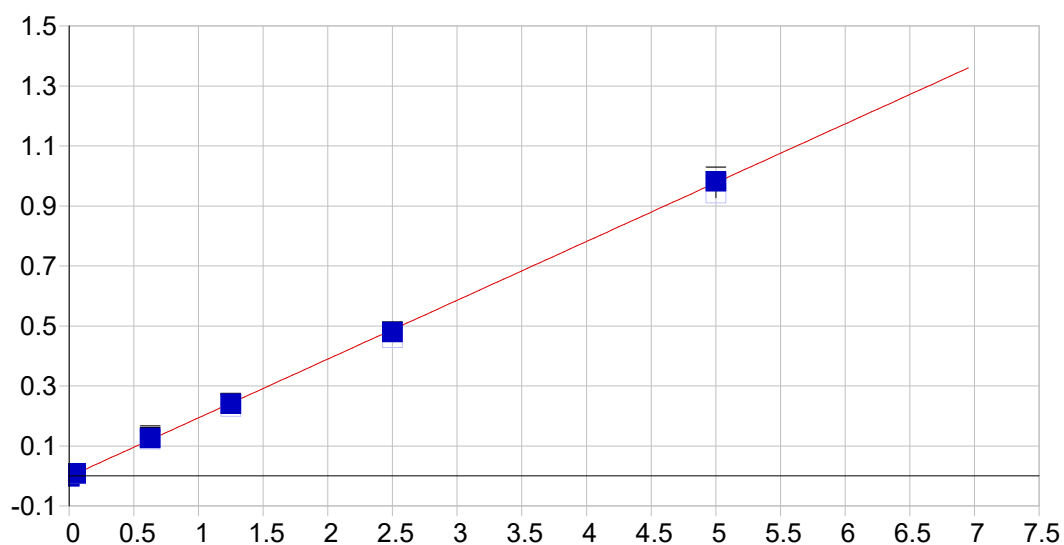


**Na 818.326 { 41}**

Date of Fit: 01/07/2025 19:30:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.205893 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.067629 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999931 | Status:   | OK.      |
| Std Error of Est: | 0.038690 |           |          |
| Predicted MDL:    | 0.019539 |           |          |
| Predicted MQL:    | 0.065131 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00030     | -.000      | .000    | .20557 | .057    | 1        |
| S1        | 5.0000       | 5.1120      | .112       | 2.24    | 5.6636 | .080    | 1        |
| S2        | 37.500       | 39.348      | 1.85       | 4.93    | 42.215 | 1.77    | 1        |
| S3        | 75.000       | 75.502      | .502       | .670    | 80.814 | .820    | 1        |
| S4        | 150.00       | 148.92      | -1.08      | -.718   | 159.20 | 2.24    | 1        |
| S5        | 300.00       | 295.41      | -4.59      | -1.53   | 315.59 | 4.27    | 1        |
| S6        | 800.00       | 803.21      | 3.21       | .401    | 857.73 | 9.53    | 1        |

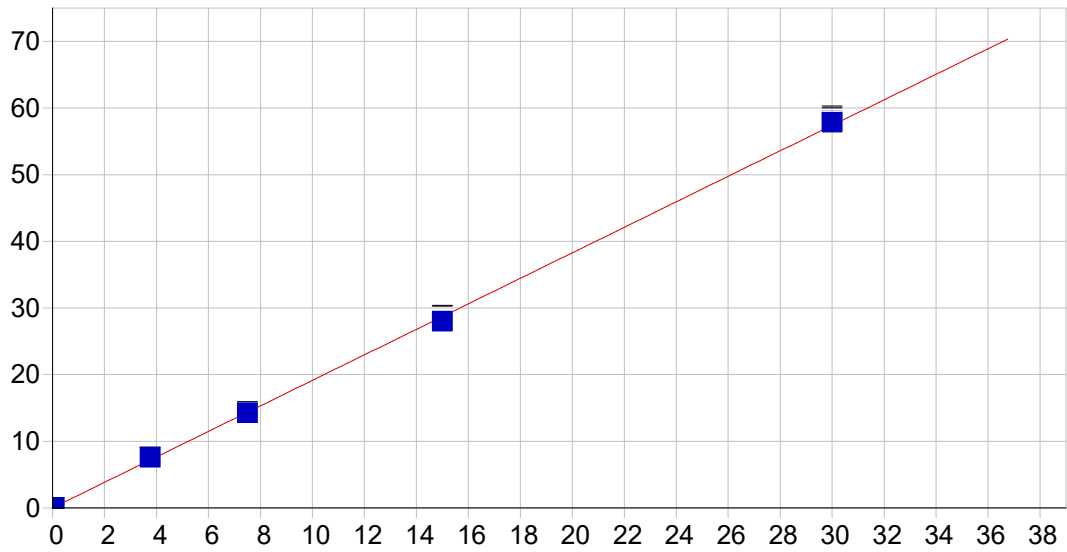


**V 292.402 {115}**

Date of Fit: 01/07/2025 19:30:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002370 Re-Slope: 1.000000  
 A1 (Gain): 0.195942 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999854 Status: OK.  
 Std Error of Est: 0.000085  
 Predicted MDL: 0.011054  
 Predicted MQL: 0.036845

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00237 | .002    | 1        |
| S1        | .05000       | .04994      | -.000      | -.128   | .00739  | .002    | 1        |
| S2        | .62500       | .65678      | .032       | 5.09    | .12141  | .007    | 1        |
| S3        | 1.2500       | 1.2380      | -.012      | -.959   | .23039  | .002    | 1        |
| S4        | 2.5000       | 2.4581      | -.042      | -1.68   | .45964  | .001    | 1        |
| S5        | 5.0000       | 5.0222      | .022       | .444    | .94243  | .015    | 1        |

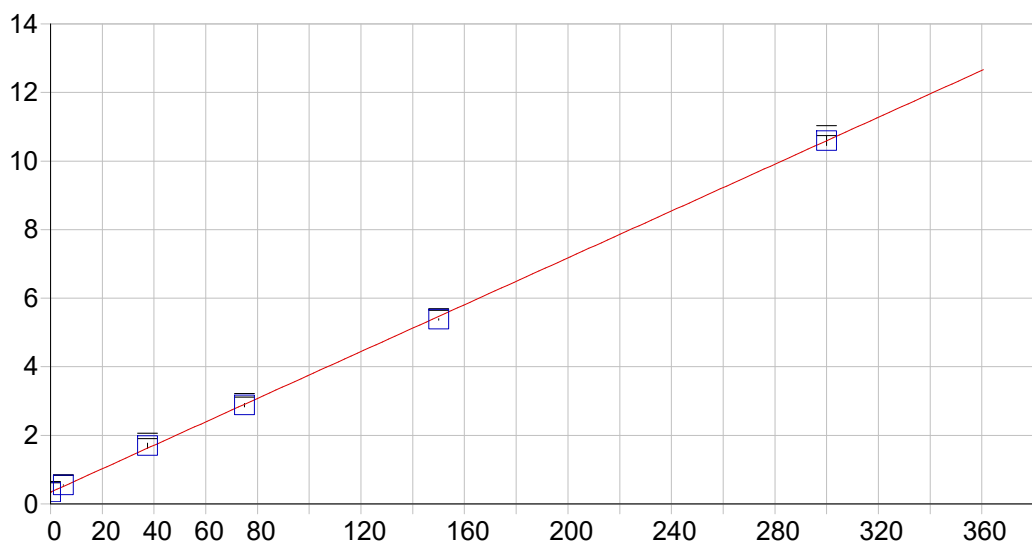


**Zn 213.856 {158}**

Date of Fit: 01/07/2025 19:30:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006134 Re-Slope: 1.000000  
 A1 (Gain): 1.913306 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999796 Status: OK.  
 Std Error of Est: 0.002763  
 Predicted MDL: 0.000790  
 Predicted MQL: 0.002634

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00613 | .001    | 1        |
| S1        | .06000       | .05753      | -.002      | -4.12   | .11655 | .004    | 1        |
| S2        | 3.7500       | 3.9542      | .204       | 5.45    | 7.6069 | .038    | 1        |
| S3        | 7.5000       | 7.4509      | -.049      | -.654   | 14.332 | .114    | 1        |
| S4        | 15.000       | 14.615      | -.385      | -2.56   | 28.110 | .816    | 1        |
| S5        | 30.000       | 30.232      | .232       | .773    | 58.130 | .689    | 1        |

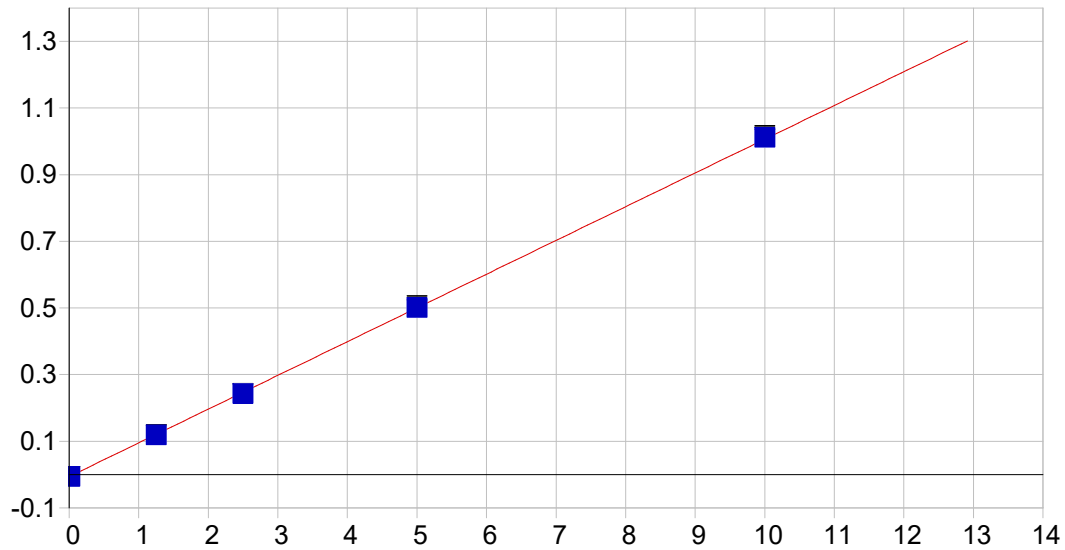


K 769.896 { 44}

Date of Fit: 01/07/2025 19:30:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.343186 Re-Slope: 1.000000  
 A1 (Gain): 0.034165 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999663 Status: OK.  
 Std Error of Est: 0.001828  
 Predicted MDL: 0.246852  
 Predicted MQL: 0.822839

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00119     | -.001      | .000    | .34315 | .017    | 1        |
| S1        | 5.0000       | 6.0503      | 1.05       | 21.0    | .54990 | .011    | 1        |
| S2        | 37.500       | 39.557      | 2.06       | 5.48    | 1.6946 | .083    | 1        |
| S3        | 75.000       | 74.265      | -.735      | -.980   | 2.8805 | .052    | 1        |
| S4        | 150.00       | 147.51      | -2.49      | -1.66   | 5.3830 | .025    | 1        |
| S5        | 300.00       | 300.11      | .115       | .038    | 10.597 | .142    | 1        |

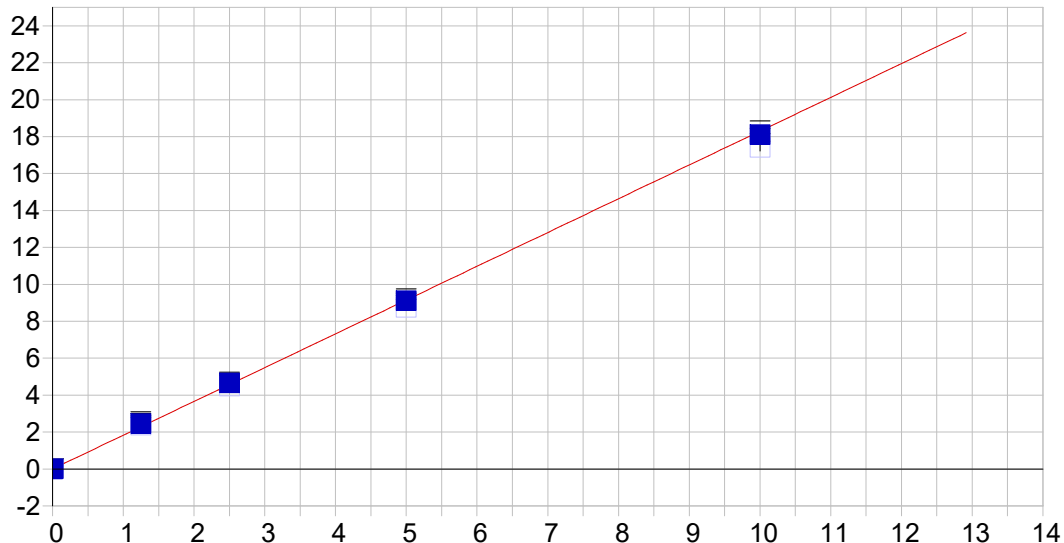


P 177.495 {490}

Date of Fit: 01/07/2025 19:30:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006022 Re-Slope: 1.000000  
 A1 (Gain): 0.101244 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999905 Status: OK.  
 Std Error of Est: 0.000023  
 Predicted MDL: 0.002793  
 Predicted MQL: 0.009310

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00602 | .000    | 1        |
| S1        | .01000       | .00526      | -.005      | -47.4   | -.00549 | .000    | 1        |
| S2        | 1.2500       | 1.2309      | -.019      | -1.53   | .11842  | .001    | 1        |
| S3        | 2.5000       | 2.4591      | -.041      | -1.64   | .24258  | .001    | 1        |
| S4        | 5.0000       | 5.0053      | .005       | .106    | .50000  | .006    | 1        |
| S5        | 10.000       | 10.059      | .059       | .595    | 1.0110  | .005    | 1        |

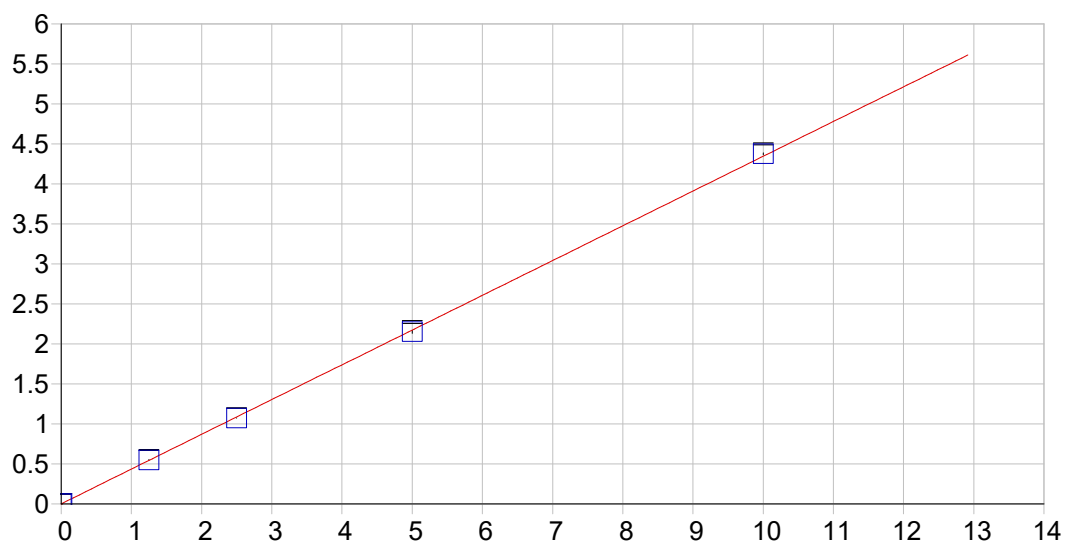


**B 249.678 {135}**

Date of Fit: 01/07/2025 19:30:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000066 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.829428 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999617 | Status:   | OK.      |
| Std Error of Est: | 0.000816 |           |          |
| Predicted MDL:    | 0.002122 |           |          |
| Predicted MQL:    | 0.007072 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00008 | .001    | 1        |
| S1        | .01000       | .00308      | -.007      | -69.2   | .00560 | .003    | 1        |
| S2        | 1.2500       | 1.3404      | .090       | 7.23    | 2.3652 | .100    | 1        |
| S3        | 2.5000       | 2.5444      | .044       | 1.78    | 4.4809 | .045    | 1        |
| S4        | 5.0000       | 4.9747      | -.025      | -.507   | 8.7530 | .118    | 1        |
| S5        | 10.000       | 9.8977      | -.102      | -1.02   | 17.412 | .198    | 1        |

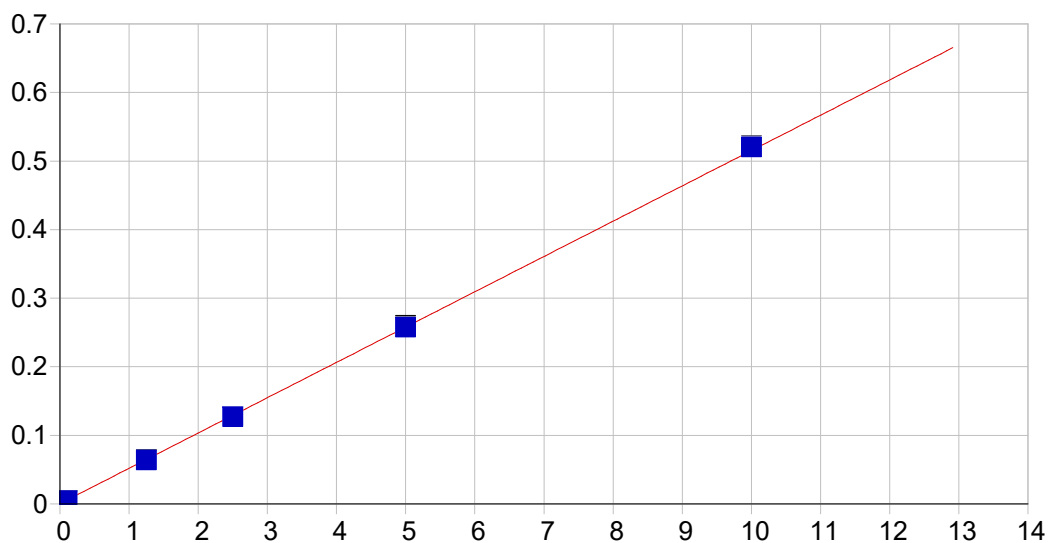


Mo 202.030 {467}

Date of Fit: 01/07/2025 19:30:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000999 Re-Slope: 1.000000  
 A1 (Gain): 0.434405 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999958 Status: OK.  
 Std Error of Est: 0.000067  
 Predicted MDL: 0.000933  
 Predicted MQL: 0.003111

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00100 | .000    | 1        |
| S1        | .01000       | .00993      | -.000      | -.655   | .00531 | .000    | 1        |
| S2        | 1.2500       | 1.2628      | .013       | 1.03    | .54958 | .005    | 1        |
| S3        | 2.5000       | 2.4662      | -.034      | -1.35   | 1.0723 | .002    | 1        |
| S4        | 5.0000       | 4.9505      | -.049      | -.990   | 2.1515 | .018    | 1        |
| S5        | 10.000       | 10.071      | .071       | .705    | 4.3757 | .012    | 1        |

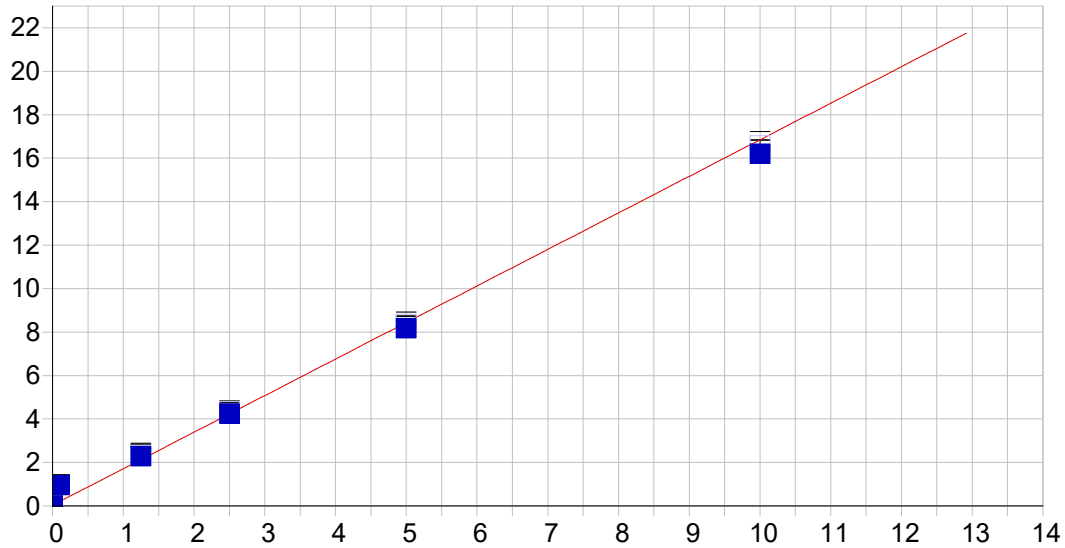


**S 182.034 {485}**

Date of Fit: 01/07/2025 19:30:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000438 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.051485 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999857 | Status:   | OK.      |
| Std Error of Est: | 0.000046 |           |          |
| Predicted MDL:    | 0.004906 |           |          |
| Predicted MQL:    | 0.016353 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00044 | .000    | 1        |
| S1        | .10000       | .08176      | -.018      | -18.2   | .00465 | .000    | 1        |
| S2        | 1.2500       | 1.2295      | -.020      | -1.64   | .06395 | .000    | 1        |
| S3        | 2.5000       | 2.4535      | -.046      | -1.86   | .12717 | .000    | 1        |
| S4        | 5.0000       | 4.9912      | -.009      | -.176   | .25824 | .002    | 1        |
| S5        | 10.000       | 10.094      | .094       | .940    | .52179 | .000    | 1        |

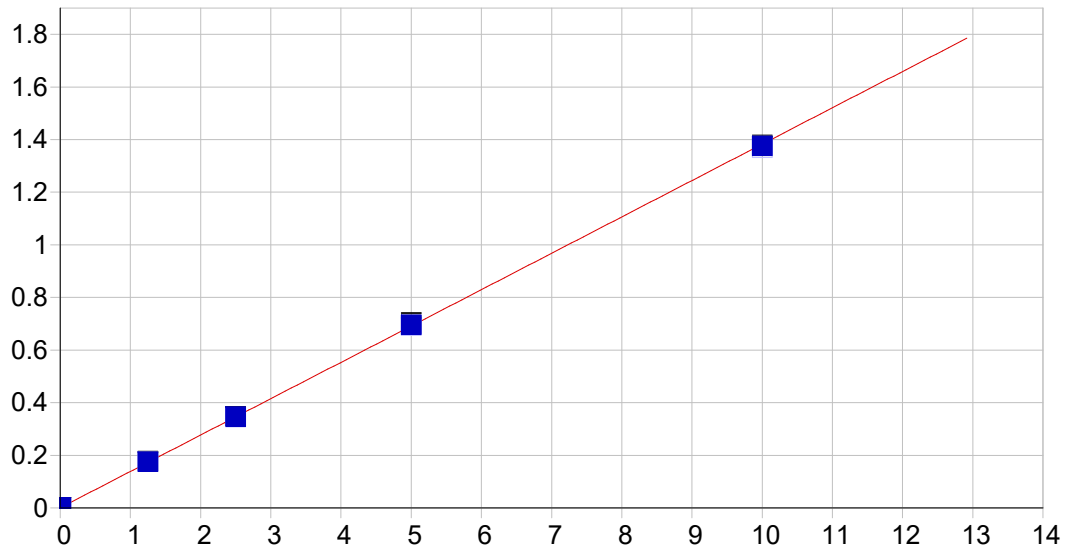


Si 251.611 {134}

Date of Fit: 01/07/2025 19:30:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.029890 Re-Slope: 1.000000  
A1 (Gain): 1.681746 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.951166 Status: OK.  
Std Error of Est: 0.029660  
Predicted MDL: 0.002360  
Predicted MQL: 0.007867

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00045     | -.000      | .000    | .02913 | .003    | 1        |
| S1        | .10000       | .55254      | .453       | 453.    | .96150 | .010    | 1        |
| S2        | 1.2500       | 1.3384      | .088       | 7.07    | 2.3284 | .100    | 1        |
| S3        | 2.5000       | 2.5043      | .004       | .171    | 4.3369 | .041    | 1        |
| S4        | 5.0000       | 4.8453      | -.155      | -3.09   | 8.3693 | .104    | 1        |
| S5        | 10.000       | 9.6133      | -.387      | -3.87   | 16.579 | .199    | 1        |

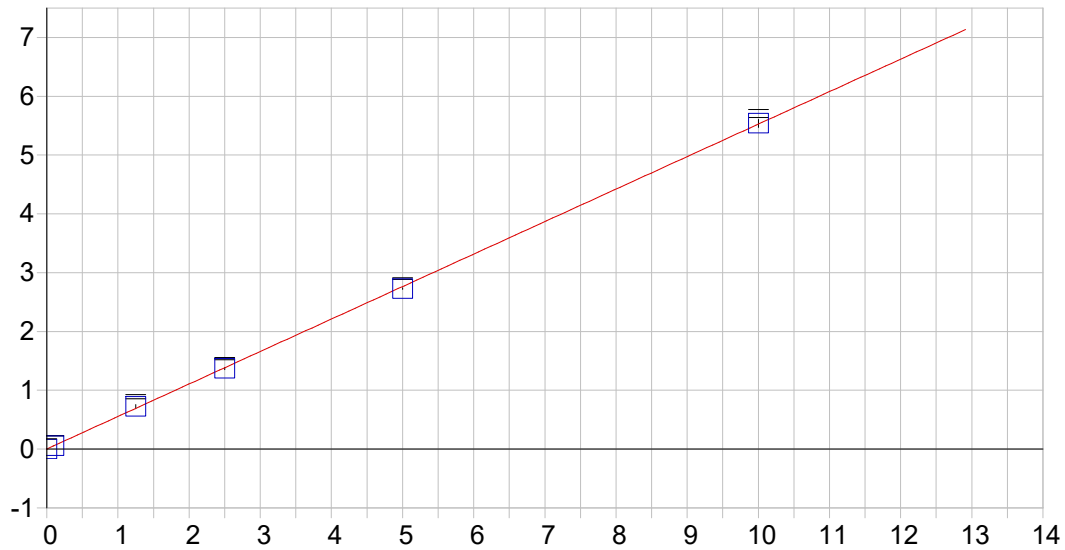


**Sn 189.989 {478}**

Date of Fit: 01/07/2025 19:30:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000388 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.138215 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999968 | Status:   | OK.      |
| Std Error of Est: | 0.000015 |           |          |
| Predicted MDL:    | 0.001646 |           |          |
| Predicted MQL:    | 0.005485 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00039 | .000    | 1        |
| S1        | .00700       | .00506      | -.002      | -27.7   | .00105 | .000    | 1        |
| S2        | 1.2500       | 1.2664      | .016       | 1.32    | .17456 | .002    | 1        |
| S3        | 2.5000       | 2.5039      | .004       | .156    | .34473 | .001    | 1        |
| S4        | 5.0000       | 5.0309      | .031       | .618    | .69227 | .009    | 1        |
| S5        | 10.000       | 9.9506      | -.049      | -.494   | 1.3688 | .004    | 1        |

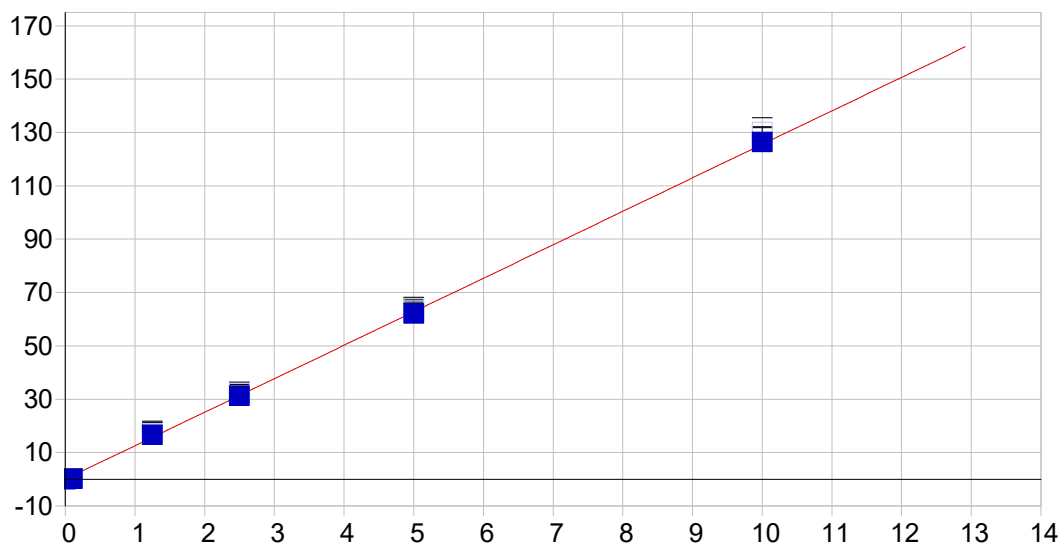


**Ti 336.121 {100}**

Date of Fit: 01/07/2025 19:30:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.002254 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.552416 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999910 | Status:   | OK.      |
| Std Error of Est: | 0.000394 |           |          |
| Predicted MDL:    | 0.005414 |           |          |
| Predicted MQL:    | 0.018046 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00225 | .002    | 1        |
| S1        | .10000       | .10116      | .001       | 1.16    | .05814 | .002    | 1        |
| S2        | 1.2500       | 1.3046      | .055       | 4.37    | .72295 | .037    | 1        |
| S3        | 2.5000       | 2.4802      | -.020      | -.791   | 1.3724 | .019    | 1        |
| S4        | 5.0000       | 4.9378      | -.062      | -1.24   | 2.7300 | .014    | 1        |
| S5        | 10.000       | 10.026      | .026       | .262    | 5.5409 | .068    | 1        |



**Sr 407.771 { 83}**

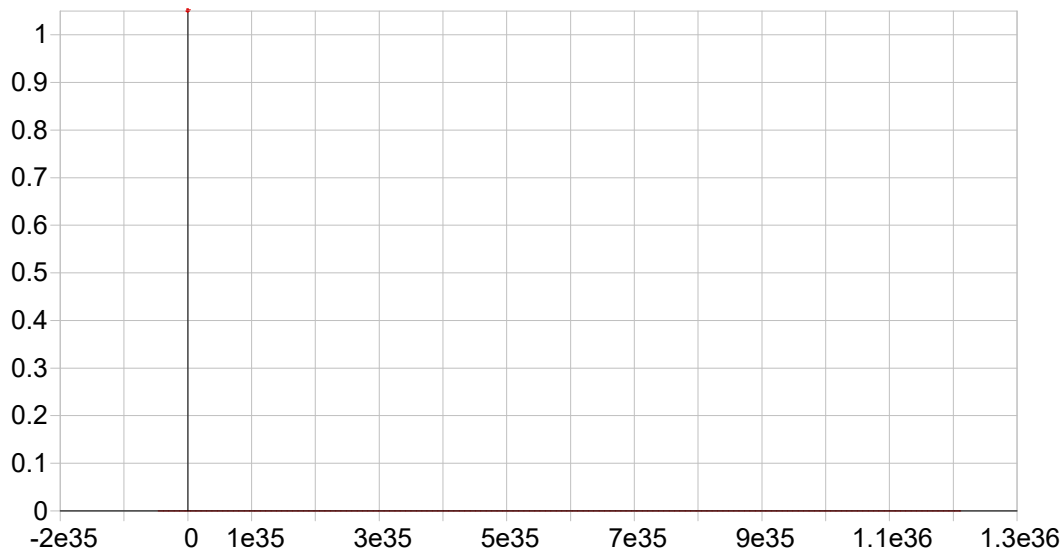
Date of Fit: 01/07/2025 19:30:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | 0.001198  | Re-Slope: | 1.000000 |
| A1 (Gain):        | 12.554507 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.997884  | Status:   | OK.      |
| Std Error of Est: | 0.044767  |           |          |
| Predicted MDL:    | 0.000327  |           |          |
| Predicted MQL:    | 0.001090  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00008      | .000       | .000    | .00224 | .007    | 1        |
| S1        | .10000       | .01115      | -.089      | -88.9   | .14241 | .008    | 1        |
| S2        | 1.2500       | 1.3284      | .078       | 6.27    | 17.149 | .872    | 1        |
| S3        | 2.5000       | 2.4925      | -.008      | -.302   | 32.234 | .440    | 1        |
| S4        | 5.0000       | 4.9505      | -.049      | -.990   | 64.036 | .503    | 1        |
| S5        | 10.000       | 10.065      | .065       | .650    | 130.13 | 1.68    | 1        |



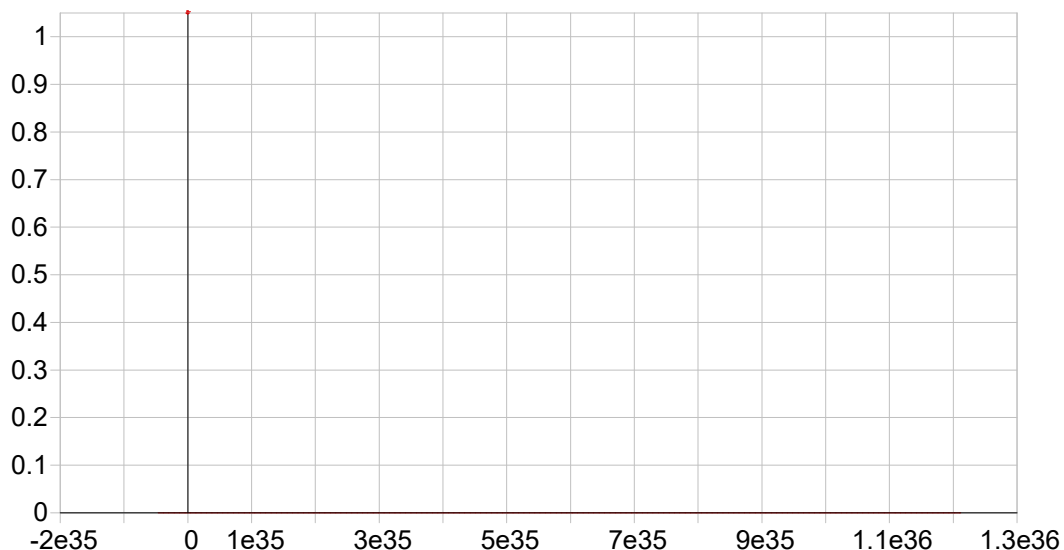




**Y 224.306 {150}\***

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

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



**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   |        |

