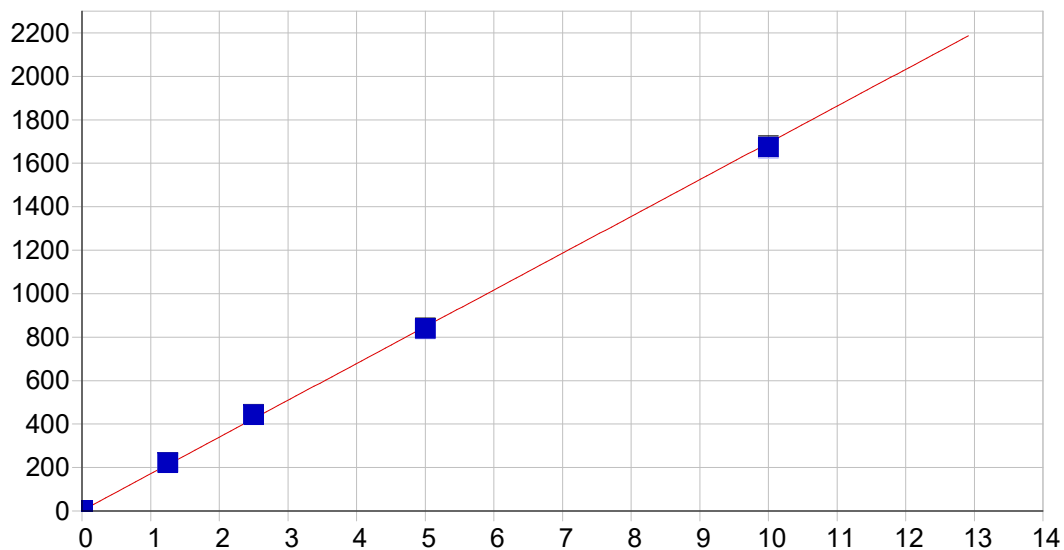


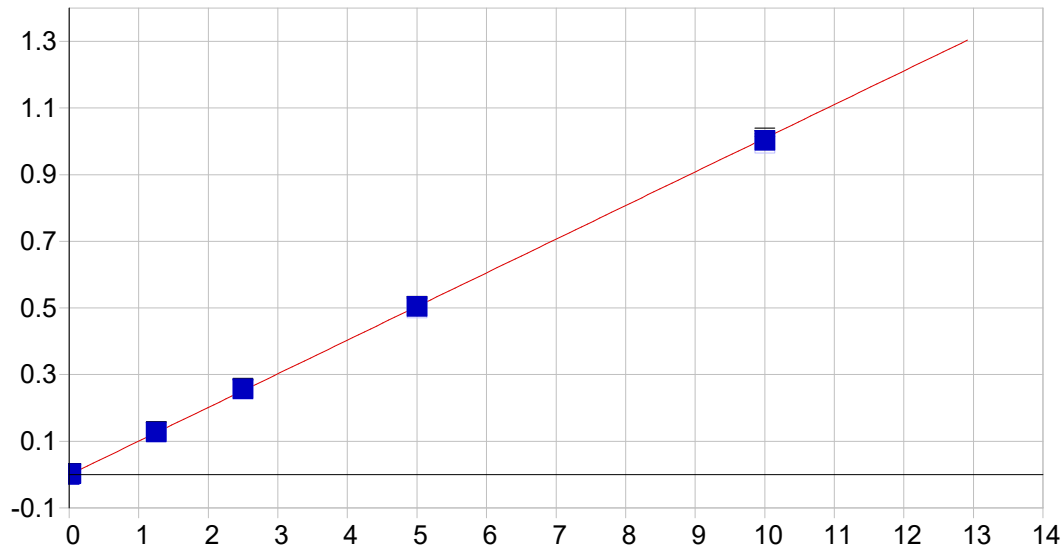


**As 189.042 {478}**

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |            |           |          |
|-------------------|------------|-----------|----------|
| A0 (Offset):      | 1.649988   | Re-Slope: | 1.000000 |
| A1 (Gain):        | 169.200702 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000   |           |          |
| n (Exponent):     | 1.000000   |           |          |
| Correlation:      | 0.999748   | Status:   | OK.      |
| Std Error of Est: | 0.063479   |           |          |
| Predicted MDL:    | 0.006409   |           |          |
| Predicted MQL:    | 0.021362   |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | 1.6495 | .367    | 1        |
| S1        | .01000       | .01238      | .002       | 23.8    | 3.7419 | .510    | 1        |
| S2        | 1.2500       | 1.3009      | .051       | 4.07    | 220.93 | .398    | 1        |
| S3        | 2.5000       | 2.6110      | .111       | 4.44    | 441.79 | 1.43    | 1        |
| S4        | 5.0000       | 4.9544      | -.046      | -.912   | 836.64 | 2.18    | 1        |
| S5        | 10.000       | 9.8813      | -.119      | -1.19   | 1667.0 | 6.15    | 1        |

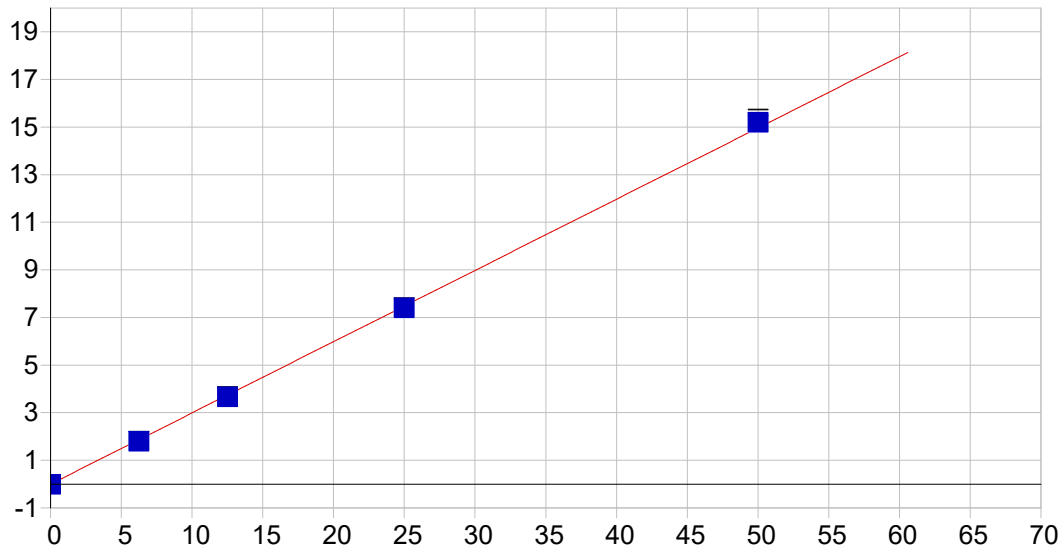


TI 190.856 {477}

Date of Fit: 01/08/2025 18:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000547 Re-Slope: 1.000000  
 A1 (Gain): 0.100990 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999938 Status: OK.  
 Std Error of Est: 0.000029  
 Predicted MDL: 0.003120  
 Predicted MQL: 0.010401

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00055 | .000    | 1        |
| S1        | .02500       | .02801      | .003       | 12.0    | .00219  | .000    | 1        |
| S2        | 1.2500       | 1.2725      | .023       | 1.80    | .12688  | .001    | 1        |
| S3        | 2.5000       | 2.5499      | .050       | 2.00    | .25480  | .002    | 1        |
| S4        | 5.0000       | 4.9957      | -.004      | -.087   | .49963  | .001    | 1        |
| S5        | 10.000       | 9.9290      | -.071      | -.710   | .99352  | .008    | 1        |

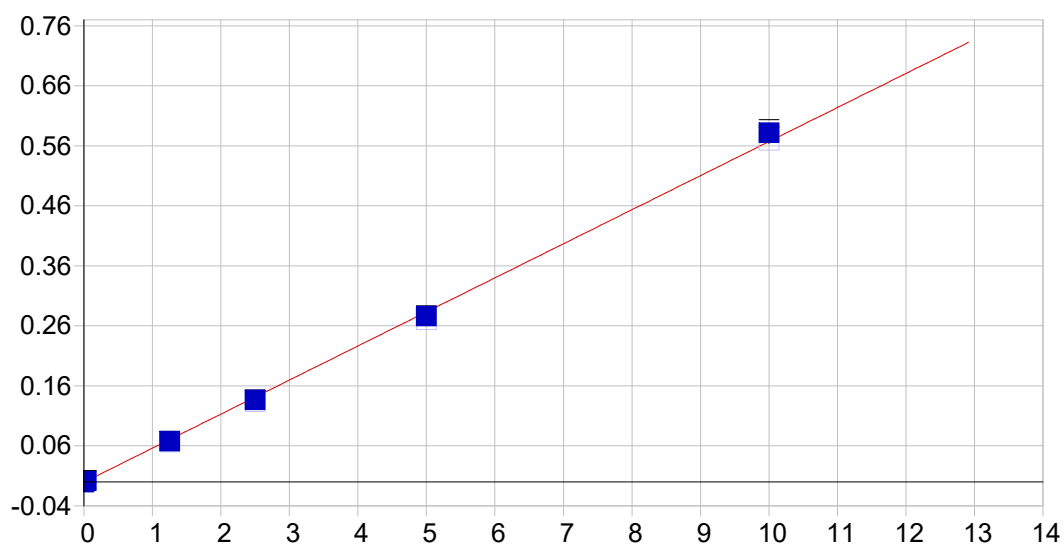


### Pb 220.353 {453}

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): -0.001607      Re-Slope: 1.000000  
 A1 (Gain): 0.299280      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999828      Status: OK.  
 Std Error of Est: 0.000208  
 Predicted MDL: 0.002808  
 Predicted MQL: 0.009359

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00161 | .001    | 1        |
| S1        | .01000       | .00736      | -.003      | -26.4   | .00058  | .001    | 1        |
| S2        | 6.2500       | 5.9939      | -.256      | -4.10   | 1.7898  | .006    | 1        |
| S3        | 12.500       | 12.236      | -.264      | -2.11   | 3.6554  | .012    | 1        |
| S4        | 25.000       | 24.732      | -.268      | -1.07   | 7.3902  | .008    | 1        |
| S5        | 50.000       | 50.791      | .791       | 1.58    | 15.179  | .129    | 1        |

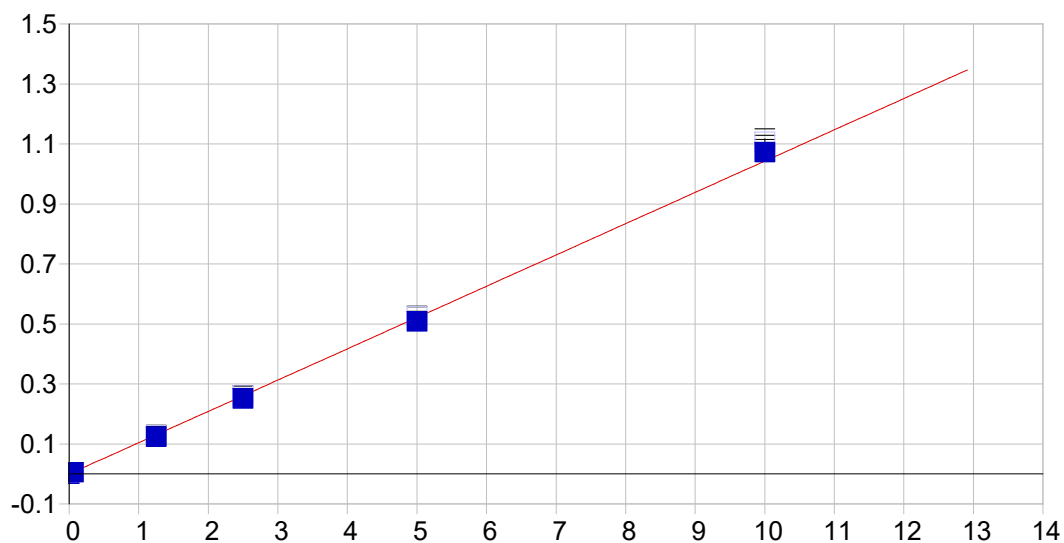


Se 196.090 {472}

Date of Fit: 01/08/2025 18:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000524 Re-Slope: 1.000000  
 A1 (Gain): 0.056761 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999569 Status: OK.  
 Std Error of Est: 0.000051  
 Predicted MDL: 0.007447  
 Predicted MQL: 0.024824

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00052 | .000    | 1        |
| S1        | .03500       | .03984      | .005       | 13.8    | .00173  | .000    | 1        |
| S2        | 1.2500       | 1.1990      | -.051      | -4.08   | .06594  | .000    | 1        |
| S3        | 2.5000       | 2.4120      | -.088      | -3.52   | .13319  | .000    | 1        |
| S4        | 5.0000       | 4.8769      | -.123      | -2.46   | .26991  | .001    | 1        |
| S5        | 10.000       | 10.257      | .257       | 2.57    | .56891  | .005    | 1        |

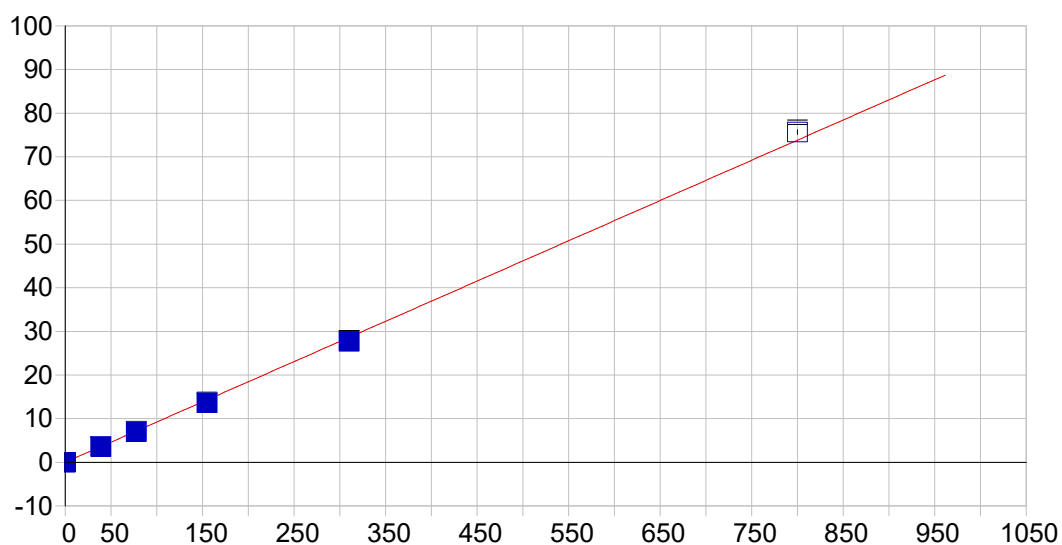


**Sb 206.833 {463}**

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000141 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.104277  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999572  | Status:   | OK.      |
| Std Error of Est: | 0.000130  |           |          |
| Predicted MDL:    | 0.005376  |           |          |
| Predicted MQL:    | 0.017921  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00014 | .000    | 1        |
| S1        | .06000       | .05737      | -.003      | -4.38   | .00584  | .000    | 1        |
| S2        | 1.2500       | 1.1901      | -.060      | -4.80   | .12831  | .001    | 1        |
| S3        | 2.5000       | 2.4124      | -.088      | -3.51   | .26013  | .000    | 1        |
| S4        | 5.0000       | 4.8708      | -.129      | -2.58   | .52520  | .001    | 1        |
| S5        | 10.000       | 10.279      | .279       | 2.79    | 1.1066  | .011    | 1        |

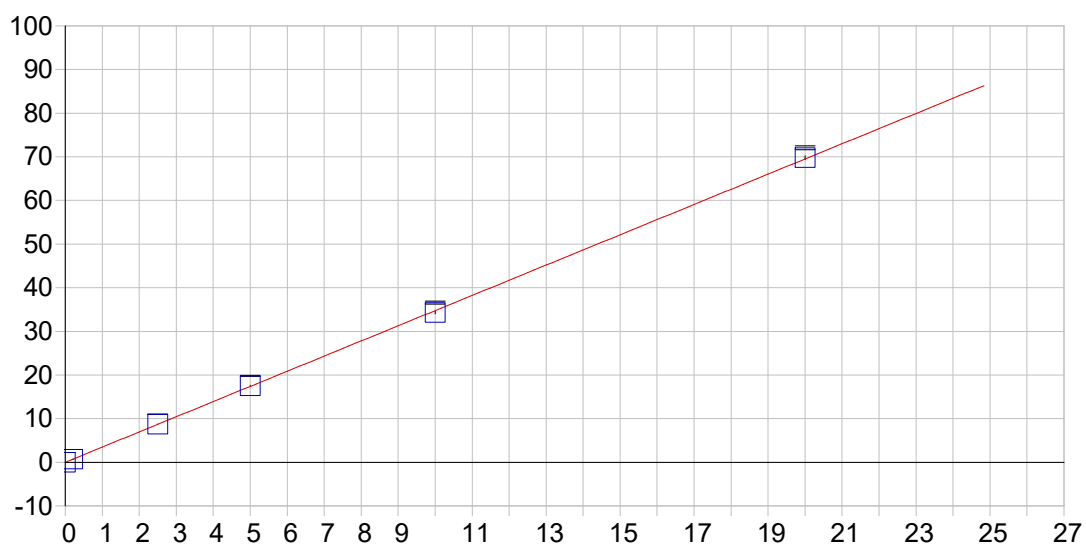


AI 396.152 { 85}

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001072 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.092286  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999545  | Status:   | OK.      |
| Std Error of Est: | 0.001731  |           |          |
| Predicted MDL:    | 0.046555  |           |          |
| Predicted MQL:    | 0.155184  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00004     | -.000      | .000    | -.00108 | .001    | 1        |
| S1        | .20000       | .25926      | .059       | 29.6    | .02289  | .001    | 1        |
| S2        | 38.750       | 38.315      | -.435      | -1.12   | 3.5387  | .018    | 1        |
| S3        | 77.500       | 76.157      | -1.34      | -1.73   | 7.0349  | .067    | 1        |
| S4        | 155.00       | 147.28      | -7.72      | -4.98   | 13.607  | .152    | 1        |
| S5        | 310.00       | 299.72      | -10.3      | -3.32   | 27.690  | .213    | 1        |
| S6        | 800.00       | 819.74      | 19.7       | 2.47    | 75.650  | .534    | 1        |

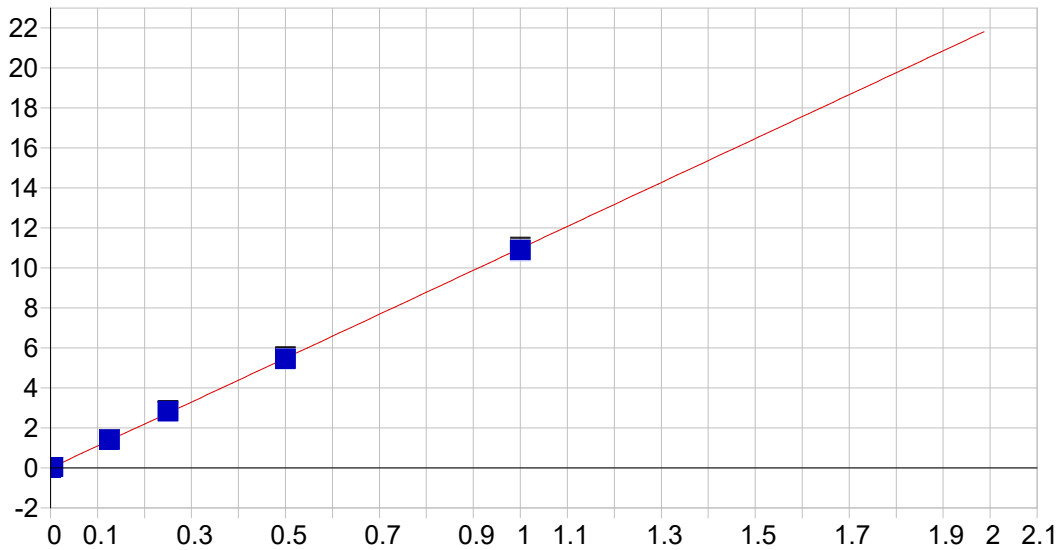


**Ba 493.409 { 68}**

Date of Fit: 01/08/2025 18:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007272 Re-Slope: 1.000000  
 A1 (Gain): 3.475095 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999963 Status: OK.  
 Std Error of Est: 0.003156  
 Predicted MDL: 0.002161  
 Predicted MQL: 0.007202

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00724 | .013    | 1        |
| S1        | .20000       | .20931      | .009       | 4.66    | .73465 | .005    | 1        |
| S2        | 2.5000       | 2.5044      | .004       | .178    | 8.7105 | .027    | 1        |
| S3        | 5.0000       | 5.0416      | .042       | .833    | 17.527 | .129    | 1        |
| S4        | 10.000       | 9.8701      | -.130      | -1.30   | 34.307 | .338    | 1        |
| S5        | 20.000       | 20.074      | .074       | .372    | 69.768 | .438    | 1        |

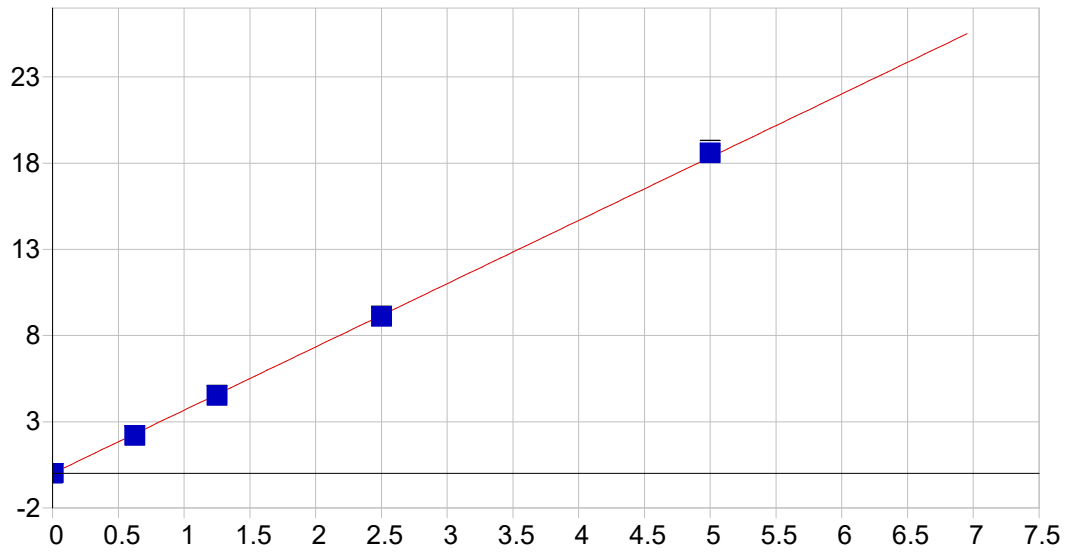


**Be 234.861 {144}**

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000771 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 10.980928 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999878  | Status:   | OK.      |
| Std Error of Est: | 0.000640  |           |          |
| Predicted MDL:    | 0.000235  |           |          |
| Predicted MQL:    | 0.000783  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00077 | .006    | 1        |
| S1        | .00500       | .00481      | -.000      | -3.81   | .05199  | .002    | 1        |
| S2        | .12500       | .12900      | .004       | 3.20    | 1.4095  | .006    | 1        |
| S3        | .25000       | .25760      | .008       | 3.04    | 2.8153  | .033    | 1        |
| S4        | .50000       | .49660      | -.003      | -.680   | 5.4272  | .109    | 1        |
| S5        | 1.0000       | .99199      | -.008      | -.801   | 10.842  | .147    | 1        |

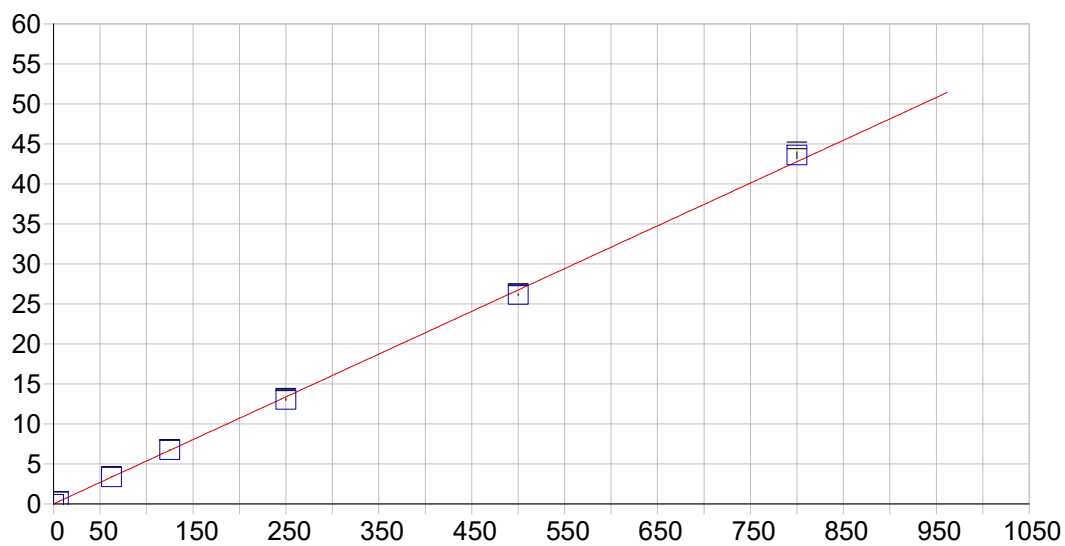


**Cd 214.438 {457}**

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000297 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.669604 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999860 | Status:   | OK.      |
| Std Error of Est: | 0.000515 |           |          |
| Predicted MDL:    | 0.000118 |           |          |
| Predicted MQL:    | 0.000394 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00030 | .000    | 1        |
| S1        | .00500       | .00449      | -.001      | -10.3   | .01683 | .001    | 1        |
| S2        | .62500       | .59685      | -.028      | -4.50   | 2.1940 | .005    | 1        |
| S3        | 1.2500       | 1.2300      | -.020      | -1.60   | 4.5208 | .017    | 1        |
| S4        | 2.5000       | 2.4827      | -.017      | -.692   | 9.1249 | .005    | 1        |
| S5        | 5.0000       | 5.0660      | .066       | 1.32    | 18.619 | .142    | 1        |

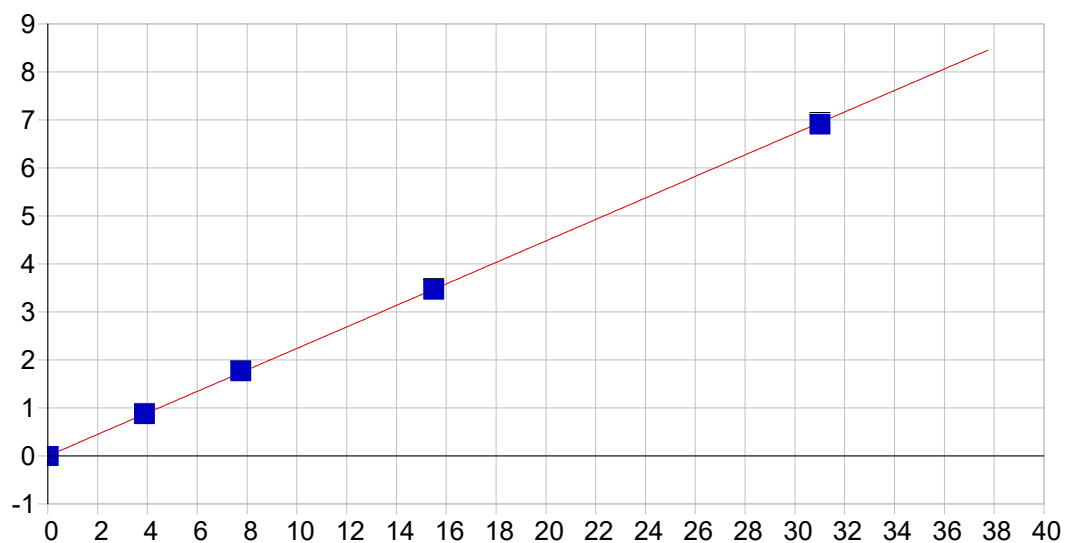


Ca 373.690 { 90}

Date of Fit: 01/08/2025 18:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009646 Re-Slope: 1.000000  
 A1 (Gain): 0.053466 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999804 Status: OK.  
 Std Error of Est: 0.003700  
 Predicted MDL: 0.057672  
 Predicted MQL: 0.192239

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00007     | -.000      | .000    | .00964 | .004    | 1        |
| S1        | 5.0000       | 5.1177      | .118       | 2.35    | .28327 | .002    | 1        |
| S2        | 62.500       | 62.853      | .353       | .565    | 3.3702 | .015    | 1        |
| S3        | 125.00       | 126.33      | 1.33       | 1.07    | 6.7641 | .030    | 1        |
| S4        | 250.00       | 244.07      | -5.93      | -2.37   | 13.059 | .127    | 1        |
| S5        | 500.00       | 489.03      | -11.0      | -2.19   | 26.156 | .126    | 1        |
| S6        | 800.00       | 815.09      | 15.1       | 1.89    | 43.590 | .426    | 1        |

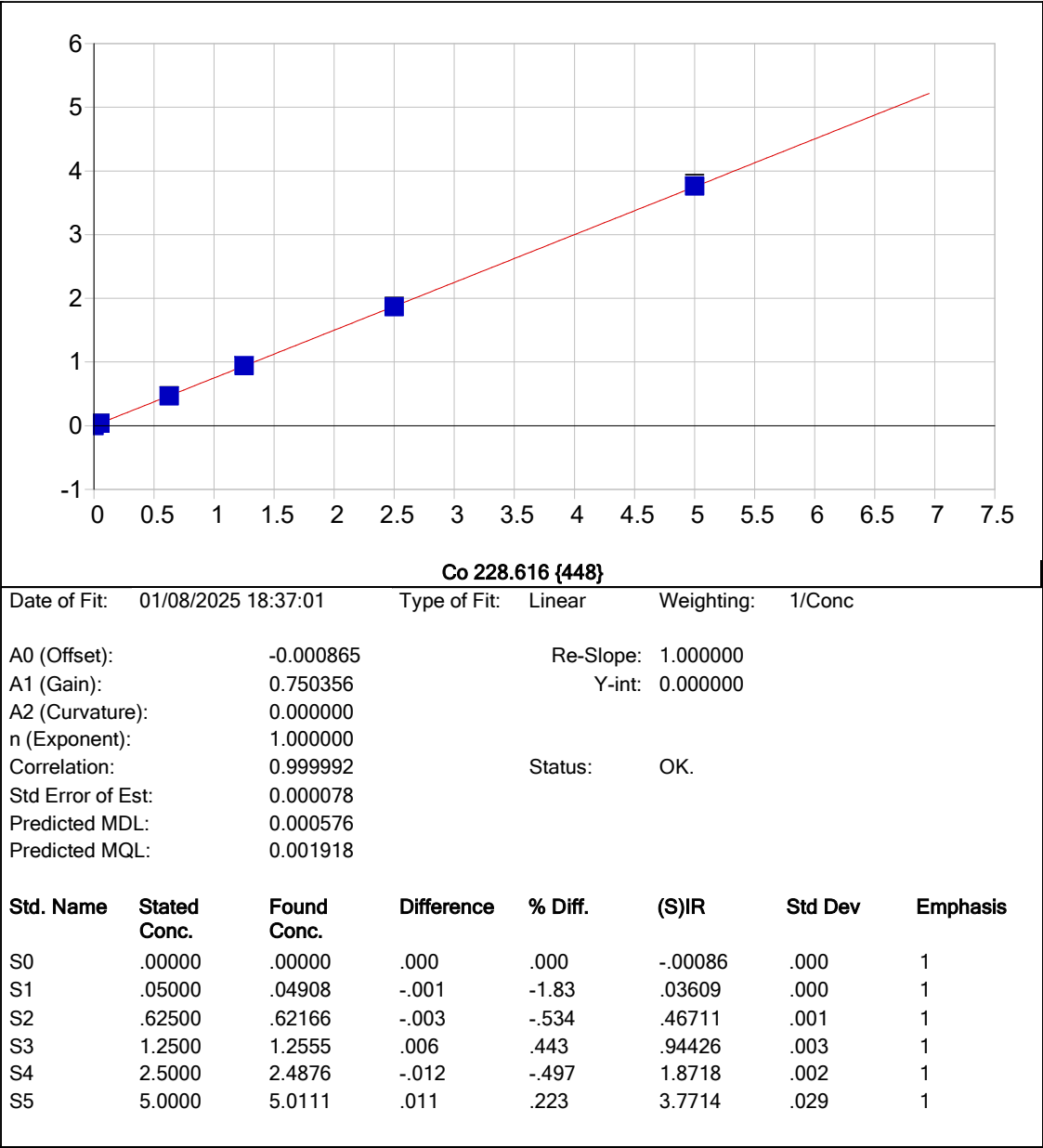


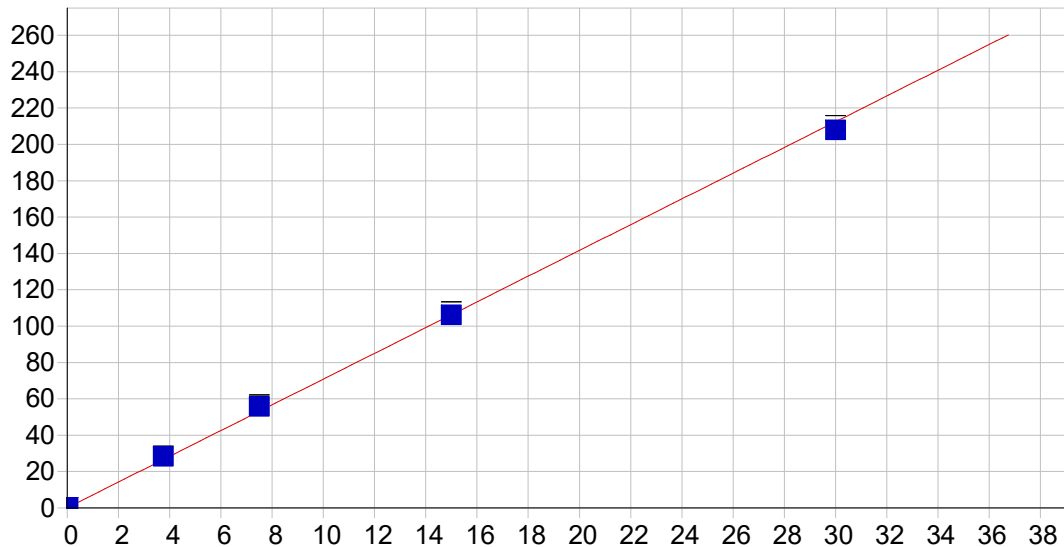
**Cr 267.716 {126}**

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000242 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.223953  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999969  | Status:   | OK.      |
| Std Error of Est: | 0.000052  |           |          |
| Predicted MDL:    | 0.001407  |           |          |
| Predicted MQL:    | 0.004690  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00024 | .000    | 1        |
| S1        | .01000       | .01070      | .001       | 7.03    | .00216  | .000    | 1        |
| S2        | 3.8750       | 3.9118      | .037       | .949    | .87648  | .007    | 1        |
| S3        | 7.7500       | 7.8874      | .137       | 1.77    | 1.7675  | .002    | 1        |
| S4        | 15.500       | 15.478      | -.022      | -.141   | 3.4688  | .011    | 1        |
| S5        | 31.000       | 30.847      | -.153      | -.493   | 6.9134  | .036    | 1        |



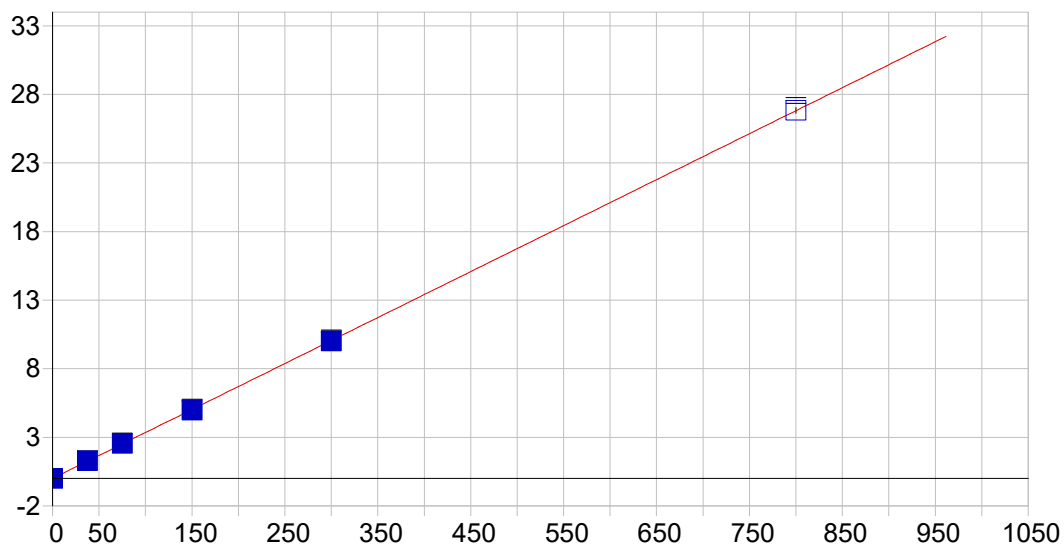


**Cu 324.754 {104}**

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.081833 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 7.079540 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999551 | Status:   | OK.      |
| Std Error of Est: | 0.009739 |           |          |
| Predicted MDL:    | 0.000884 |           |          |
| Predicted MQL:    | 0.002948 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .08178 | .006    | 1        |
| S1        | .02500       | .02976      | .005       | 19.1    | .29232 | .007    | 1        |
| S2        | 3.7500       | 4.0022      | .252       | 6.73    | 28.413 | .171    | 1        |
| S3        | 7.5000       | 7.8806      | .381       | 5.08    | 55.867 | .803    | 1        |
| S4        | 15.000       | 14.995      | -.005      | -.035   | 106.23 | 1.74    | 1        |
| S5        | 30.000       | 29.368      | -.632      | -2.11   | 207.97 | 2.48    | 1        |

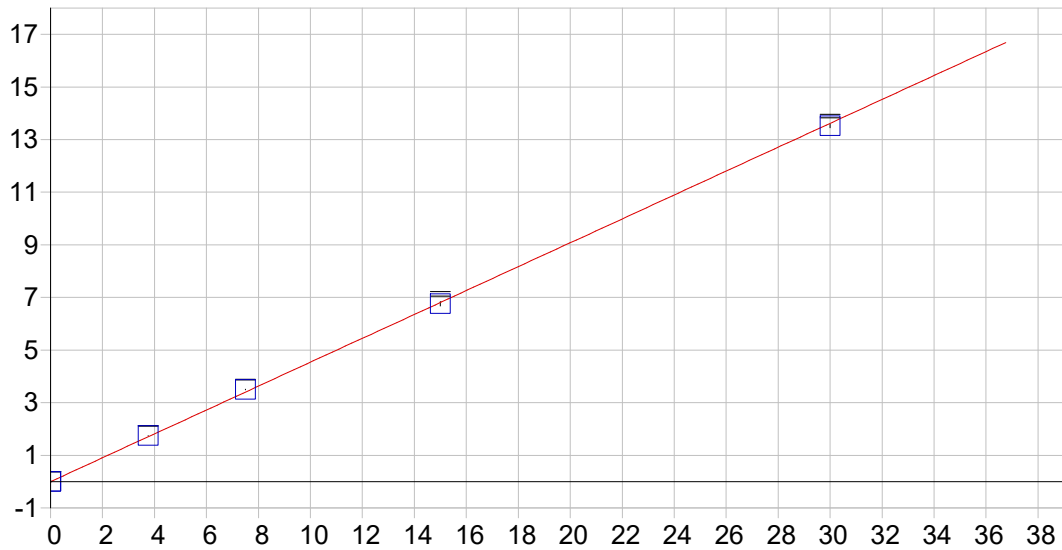


**Fe 259.837 {130}**

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000205 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.033519  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999979  | Status:   | OK.      |
| Std Error of Est: | 0.000095  |           |          |
| Predicted MDL:    | 0.036994  |           |          |
| Predicted MQL:    | 0.123314  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00020 | .000    | 1        |
| S1        | .10000       | .09353      | -.006      | -6.47   | .00293  | .002    | 1        |
| S2        | 37.500       | 38.226      | .726       | 1.94    | 1.2814  | .004    | 1        |
| S3        | 75.000       | 76.340      | 1.34       | 1.79    | 2.5592  | .016    | 1        |
| S4        | 150.00       | 148.60      | -1.40      | -.934   | 4.9818  | .057    | 1        |
| S5        | 300.00       | 298.75      | -1.25      | -.418   | 10.016  | .068    | 1        |
| S6        | 800.00       | 800.60      | .595       | .074    | 26.835  | .218    | 1        |

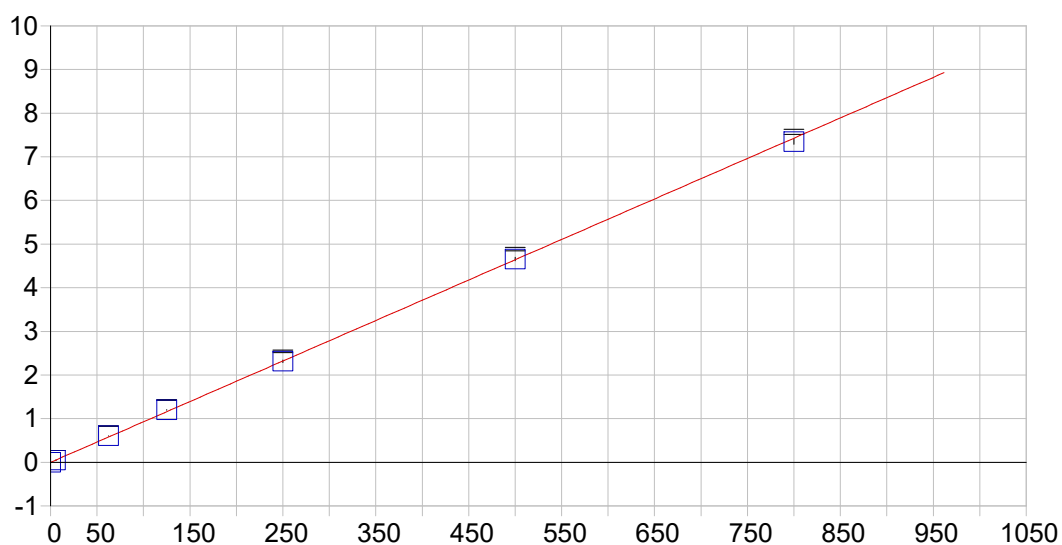


### Mn 257.610 {131}

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): -0.002101      Re-Slope: 1.000000  
 A1 (Gain): 0.454044      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999879      Status: OK.  
 Std Error of Est: 0.000251  
 Predicted MDL: 0.002556  
 Predicted MQL: 0.008519

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00210 | .001    | 1        |
| S1        | .01500       | .02115      | .006       | 41.0    | .00750  | .002    | 1        |
| S2        | 3.7500       | 3.8532      | .103       | 2.75    | 1.7474  | .006    | 1        |
| S3        | 7.5000       | 7.7114      | .211       | 2.82    | 3.4992  | .012    | 1        |
| S4        | 15.000       | 14.892      | -.108      | -.717   | 6.7597  | .083    | 1        |
| S5        | 30.000       | 29.787      | -.213      | -.711   | 13.522  | .067    | 1        |

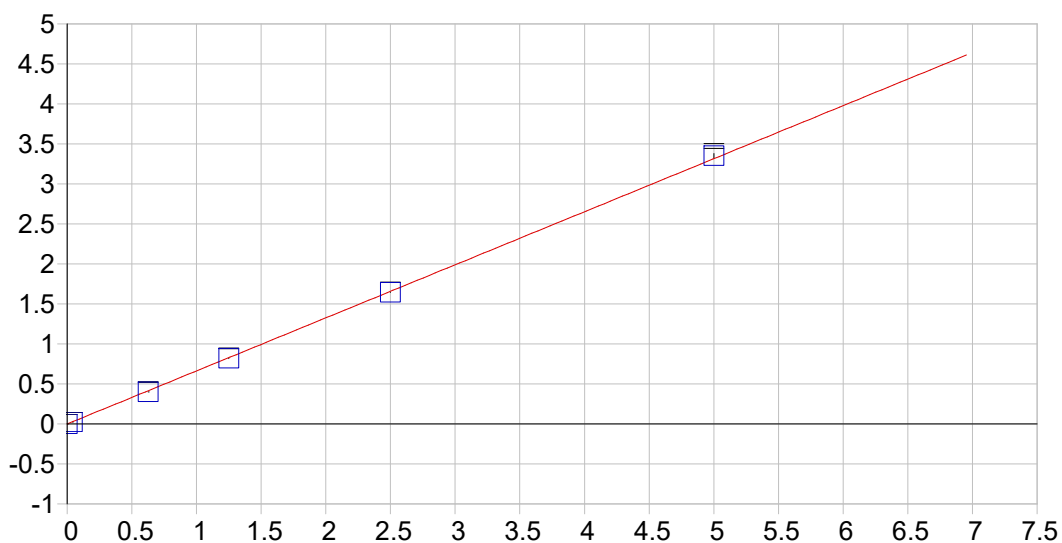


### Mg 279.079 {121}

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001167 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.009285  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999880  | Status:   | OK.      |
| Std Error of Est: | 0.000502  |           |          |
| Predicted MDL:    | 0.146076  |           |          |
| Predicted MQL:    | 0.486920  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00076     | -.001      | .000    | -.00117 | .001    | 1        |
| S1        | 5.0000       | 5.4126      | .413       | 8.25    | .04909  | .002    | 1        |
| S2        | 62.500       | 65.259      | 2.76       | 4.41    | .60478  | .003    | 1        |
| S3        | 125.00       | 129.49      | 4.49       | 3.59    | 1.2012  | .006    | 1        |
| S4        | 250.00       | 249.56      | -.444      | -.178   | 2.3160  | .028    | 1        |
| S5        | 500.00       | 501.53      | 1.53       | .306    | 4.6557  | .039    | 1        |
| S6        | 800.00       | 791.25      | -8.75      | -1.09   | 7.3459  | .061    | 1        |

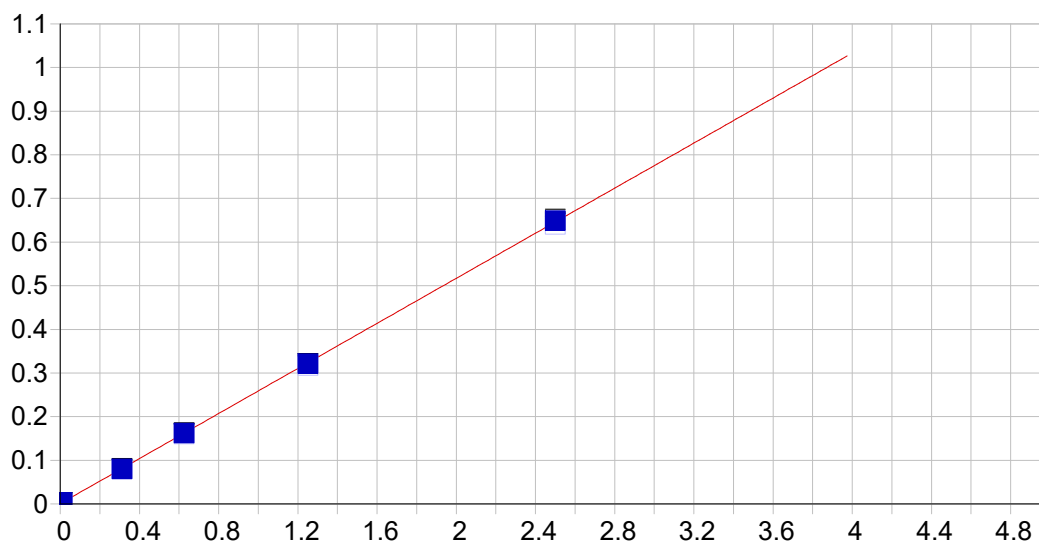


#### Ni 231.604 {446}

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000727 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.663165  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999910  | Status:   | OK.      |
| Std Error of Est: | 0.000212  |           |          |
| Predicted MDL:    | 0.000939  |           |          |
| Predicted MQL:    | 0.003131  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00072 | .000    | 1        |
| S1        | .04000       | .03668      | -.003      | -8.30   | .02360  | .000    | 1        |
| S2        | .62500       | .60504      | -.020      | -3.19   | .40052  | .001    | 1        |
| S3        | 1.2500       | 1.2387      | -.011      | -.904   | .82074  | .003    | 1        |
| S4        | 2.5000       | 2.4819      | -.018      | -.723   | 1.6452  | .002    | 1        |
| S5        | 5.0000       | 5.0527      | .053       | 1.05    | 3.3500  | .029    | 1        |

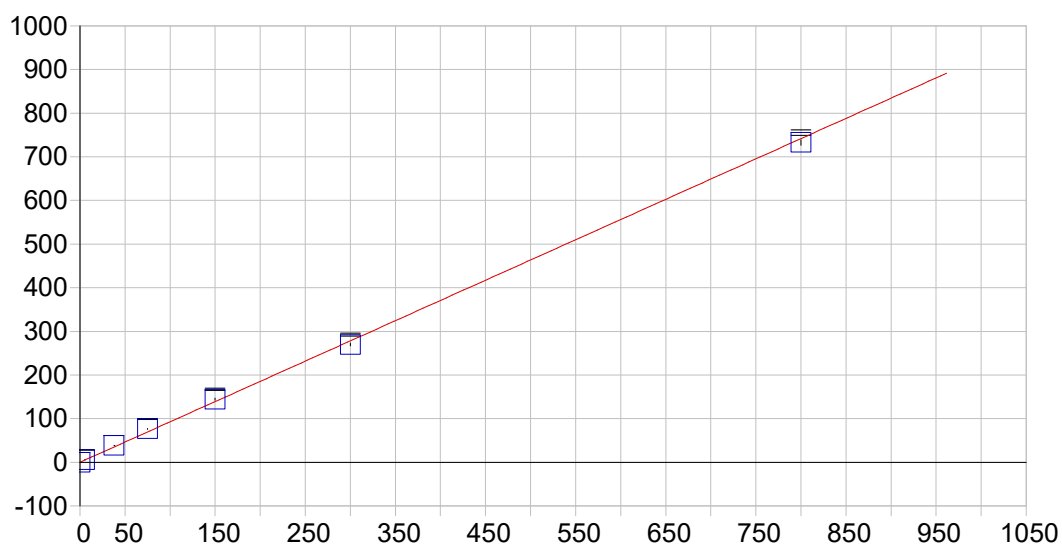


Ag 328.068 {103}

Date of Fit: 01/08/2025 18:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000739 Re-Slope: 1.000000  
 A1 (Gain): 0.258167 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999969 Status: OK.  
 Std Error of Est: 0.000017  
 Predicted MDL: 0.002216  
 Predicted MQL: 0.007386

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00074 | .000    | 1        |
| S1        | .01000       | .00900      | -.001      | -10.0   | .00306 | .000    | 1        |
| S2        | .31250       | .30778      | -.005      | -1.51   | .07904 | .001    | 1        |
| S3        | .62500       | .62610      | .001       | .176    | .16005 | .001    | 1        |
| S4        | 1.2500       | 1.2424      | -.008      | -.608   | .31684 | .001    | 1        |
| S5        | 2.5000       | 2.5122      | .012       | .490    | .64002 | .003    | 1        |

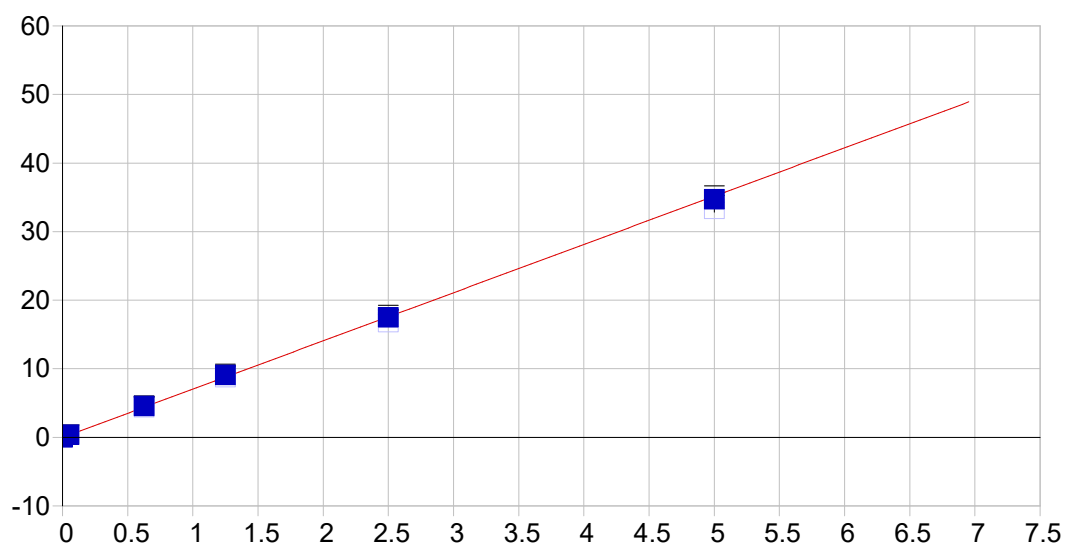


**Na 818.326 { 41}**

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.011061 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.927156  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999290  | Status:   | OK.      |
| Std Error of Est: | 0.108042  |           |          |
| Predicted MDL:    | 0.020767  |           |          |
| Predicted MQL:    | 0.069224  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00185     | -.002      | .000    | -.01277 | .011    | 1        |
| S1        | 5.0000       | 5.8164      | .816       | 16.3    | 5.3816  | .014    | 1        |
| S2        | 37.500       | 41.511      | 4.01       | 10.7    | 38.476  | .174    | 1        |
| S3        | 75.000       | 82.679      | 7.68       | 10.2    | 76.645  | 1.02    | 1        |
| S4        | 150.00       | 155.75      | 5.75       | 3.83    | 144.39  | 2.58    | 1        |
| S5        | 300.00       | 291.12      | -8.88      | -2.96   | 269.90  | 3.27    | 1        |
| S6        | 800.00       | 790.62      | -9.38      | -1.17   | 733.02  | 6.28    | 1        |

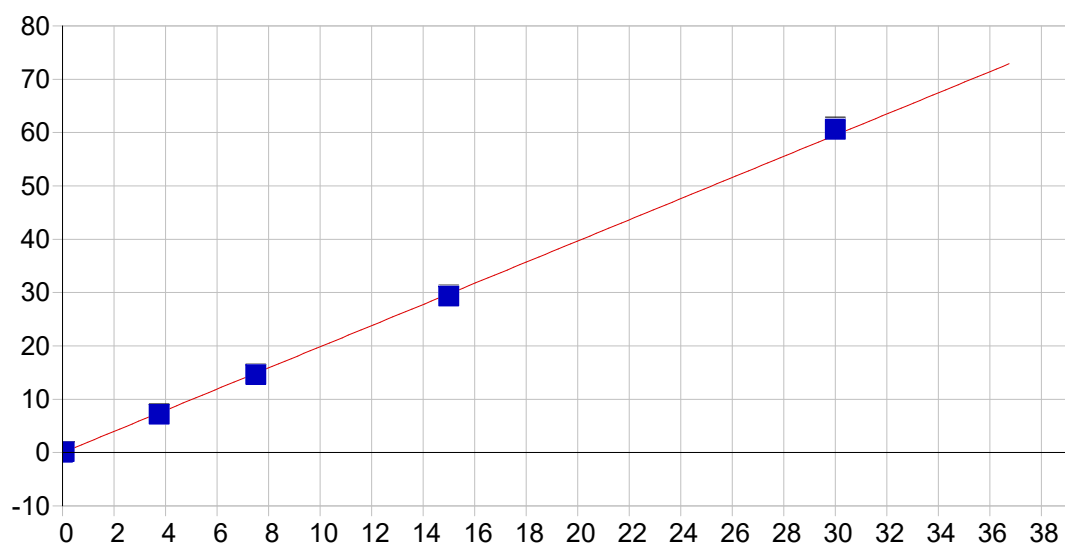


**V 292.402 {115}**

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.009138 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 7.036516  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999784  | Status:   | OK.      |
| Std Error of Est: | 0.003730  |           |          |
| Predicted MDL:    | 0.000813  |           |          |
| Predicted MQL:    | 0.002711  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00918 | .008    | 1        |
| S1        | .05000       | .05374      | .004       | 7.48    | .36804  | .006    | 1        |
| S2        | .62500       | .64950      | .025       | 3.92    | 4.3849  | .013    | 1        |
| S3        | 1.2500       | 1.2956      | .046       | 3.64    | 8.7545  | .108    | 1        |
| S4        | 2.5000       | 2.4895      | -.010      | -.419   | 16.803  | .305    | 1        |
| S5        | 5.0000       | 4.9365      | -.063      | -1.27   | 33.317  | .497    | 1        |

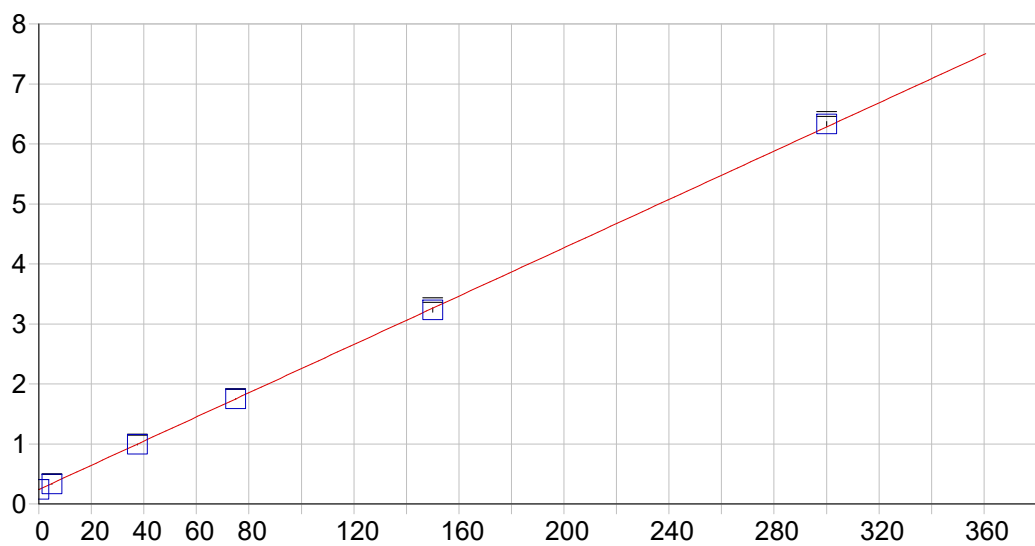


**Zn 213.856 {158}**

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000192 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.983433  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999815  | Status:   | OK.      |
| Std Error of Est: | 0.002728  |           |          |
| Predicted MDL:    | 0.000901  |           |          |
| Predicted MQL:    | 0.003004  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00019 | .001    | 1        |
| S1        | .06000       | .06142      | .001       | 2.37    | .12200  | .002    | 1        |
| S2        | 3.7500       | 3.6054      | -.145      | -3.86   | 7.1873  | .042    | 1        |
| S3        | 7.5000       | 7.3639      | -.136      | -1.82   | 14.678  | .015    | 1        |
| S4        | 15.000       | 14.758      | -.242      | -1.61   | 29.417  | .113    | 1        |
| S5        | 30.000       | 30.521      | .521       | 1.74    | 60.828  | .203    | 1        |

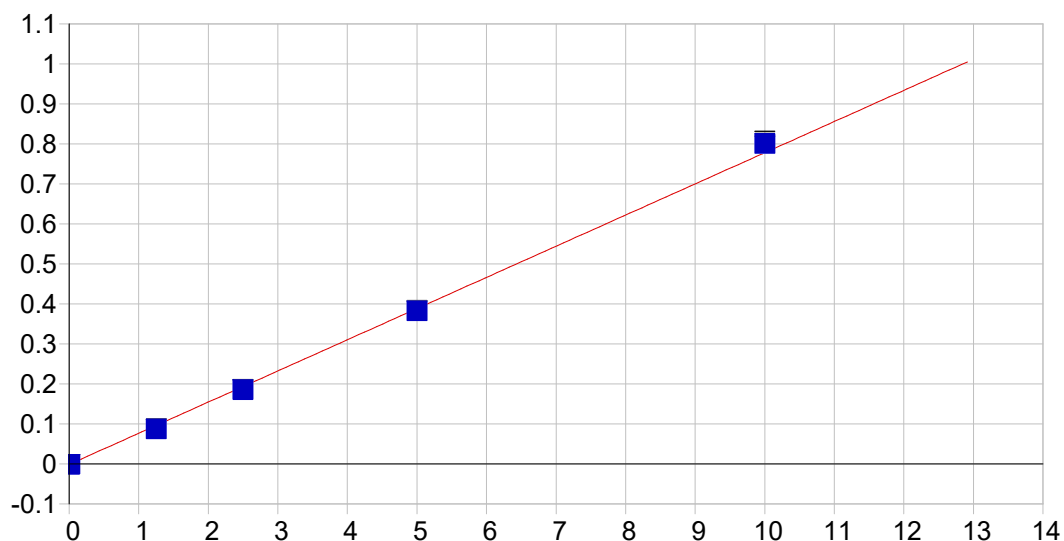


**K 769.896 { 44 }**

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.240910 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.020138 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999913 | Status:   | OK.      |
| Std Error of Est: | 0.000548 |           |          |
| Predicted MDL:    | 0.336554 |           |          |
| Predicted MQL:    | 1.121845 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00060      | .001       | .000    | .24092 | .003    | 1        |
| S1        | 5.0000       | 4.4543      | -.546      | -10.9   | .33061 | .007    | 1        |
| S2        | 37.500       | 37.186      | -.314      | -.838   | .98976 | .007    | 1        |
| S3        | 75.000       | 74.974      | -.026      | -.035   | 1.7507 | .005    | 1        |
| S4        | 150.00       | 148.43      | -1.57      | -1.04   | 3.2301 | .038    | 1        |
| S5        | 300.00       | 302.45      | 2.45       | .818    | 6.3317 | .040    | 1        |

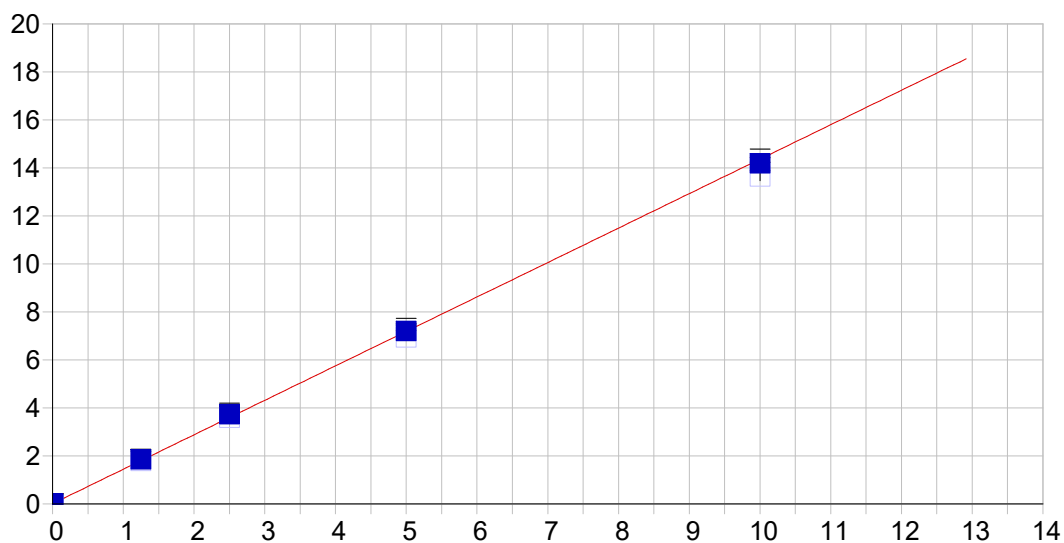


**P 177.495 {490}**

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001343 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.077934  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999272  | Status:   | OK.      |
| Std Error of Est: | 0.000050  |           |          |
| Predicted MDL:    | 0.003021  |           |          |
| Predicted MQL:    | 0.010071  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00134 | .000    | 1        |
| S1        | .01000       | .00479      | -.005      | -52.1   | -.00097 | .000    | 1        |
| S2        | 1.2500       | 1.1360      | -.114      | -9.12   | .08705  | .000    | 1        |
| S3        | 2.5000       | 2.3951      | -.105      | -4.19   | .18503  | .001    | 1        |
| S4        | 5.0000       | 4.9288      | -.071      | -1.42   | .38221  | .001    | 1        |
| S5        | 10.000       | 10.295      | .295       | 2.95    | .79987  | .006    | 1        |

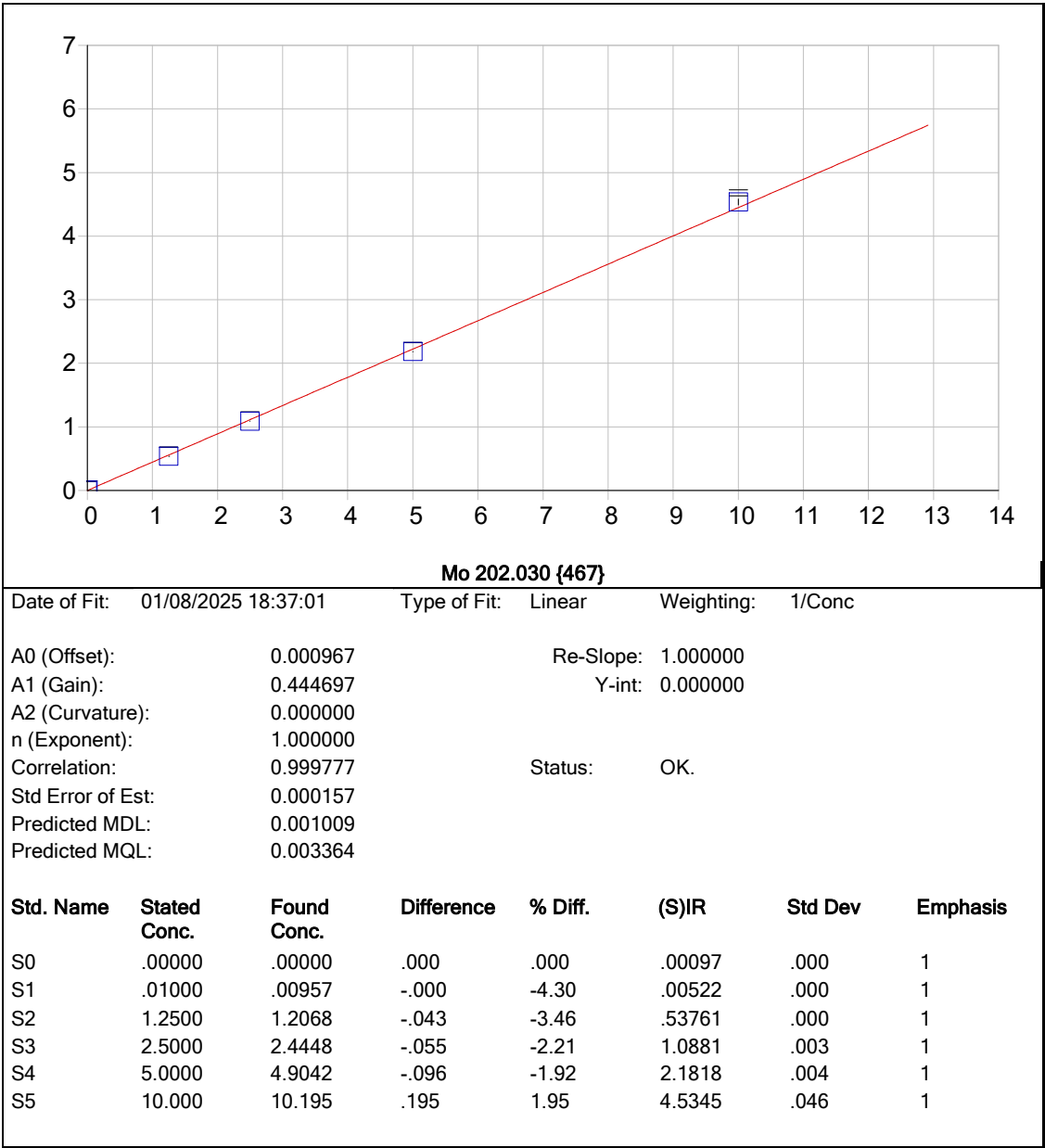


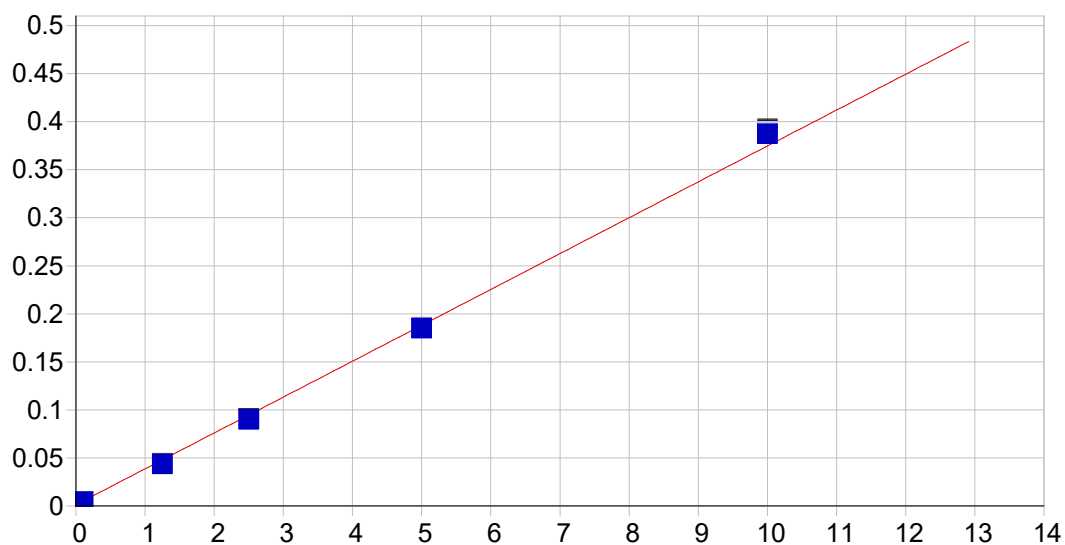
**B 249.678 {135}**

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.010928 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.435209 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999316 | Status:   | OK.      |
| Std Error of Est: | 0.000857 |           |          |
| Predicted MDL:    | 0.002456 |           |          |
| Predicted MQL:    | 0.008186 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .01095 | .005    | 1        |
| S1        | .01000       | -.00348     | -.013      | -135.   | .00586 | .002    | 1        |
| S2        | 1.2500       | 1.2832      | .033       | 2.65    | 1.7843 | .009    | 1        |
| S3        | 2.5000       | 2.5902      | .090       | 3.61    | 3.5920 | .053    | 1        |
| S4        | 5.0000       | 5.0099      | .010       | .197    | 6.9282 | .114    | 1        |
| S5        | 10.000       | 9.8807      | -.119      | -1.19   | 13.646 | .180    | 1        |



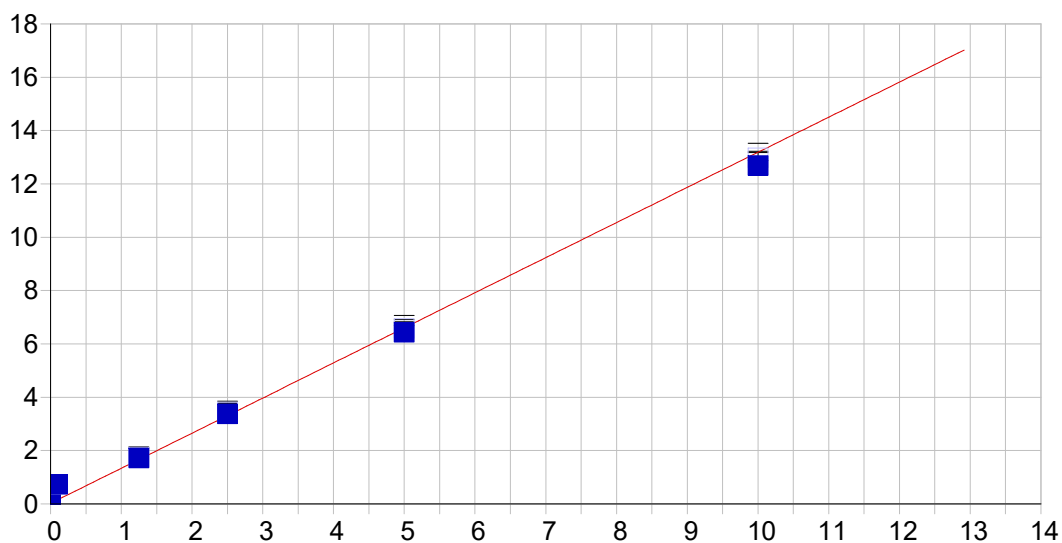


**S 182.034 {485}**

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001301 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.037338 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999068 | Status:   | OK.      |
| Std Error of Est: | 0.000086 |           |          |
| Predicted MDL:    | 0.005874 |           |          |
| Predicted MQL:    | 0.019581 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00004      | .000       | .000    | .00130 | .000    | 1        |
| S1        | .10000       | .07723      | -.023      | -22.8   | .00418 | .000    | 1        |
| S2        | 1.2500       | 1.1341      | -.116      | -9.28   | .04380 | .000    | 1        |
| S3        | 2.5000       | 2.3758      | -.124      | -4.97   | .09031 | .001    | 1        |
| S4        | 5.0000       | 4.9176      | -.082      | -1.65   | .18551 | .000    | 1        |
| S5        | 10.000       | 10.345      | .345       | 3.45    | .38877 | .004    | 1        |

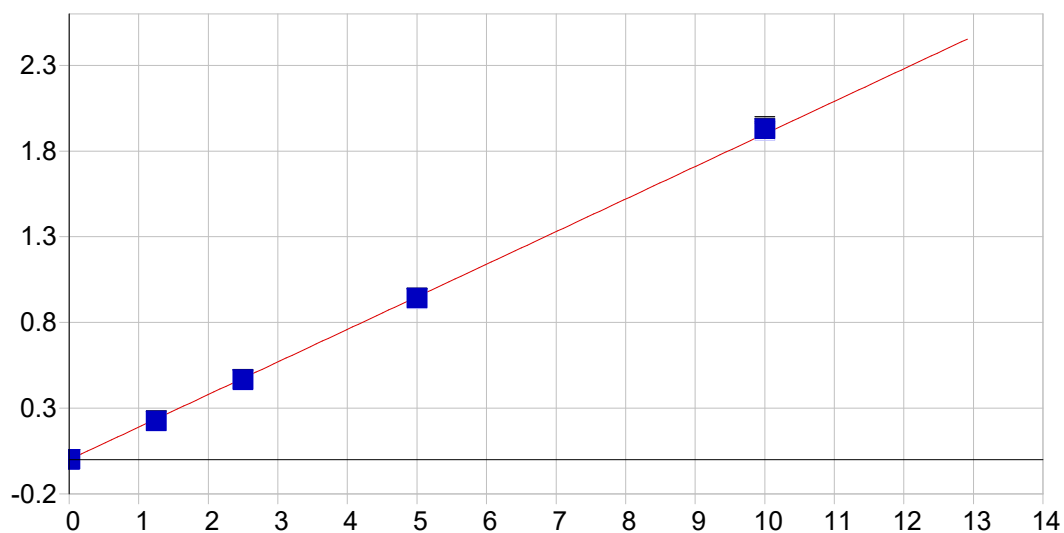


# Si 251.611 {134}

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.020496 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.316477 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.953238 | Status:   | OK.      |
| Std Error of Est: | 0.022682 |           |          |
| Predicted MDL:    | 0.002737 |           |          |
| Predicted MQL:    | 0.009122 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00044     | -.000      | .000    | .01992 | .007    | 1        |
| S1        | .10000       | .54262      | .443       | 443.    | .73671 | .004    | 1        |
| S2        | 1.2500       | 1.2878      | .038       | 3.02    | 1.7532 | .009    | 1        |
| S3        | 2.5000       | 2.5418      | .042       | 1.67    | 3.4414 | .035    | 1        |
| S4        | 5.0000       | 4.8666      | -.133      | -2.67   | 6.5767 | .117    | 1        |
| S5        | 10.000       | 9.6149      | -.385      | -3.85   | 12.977 | .178    | 1        |

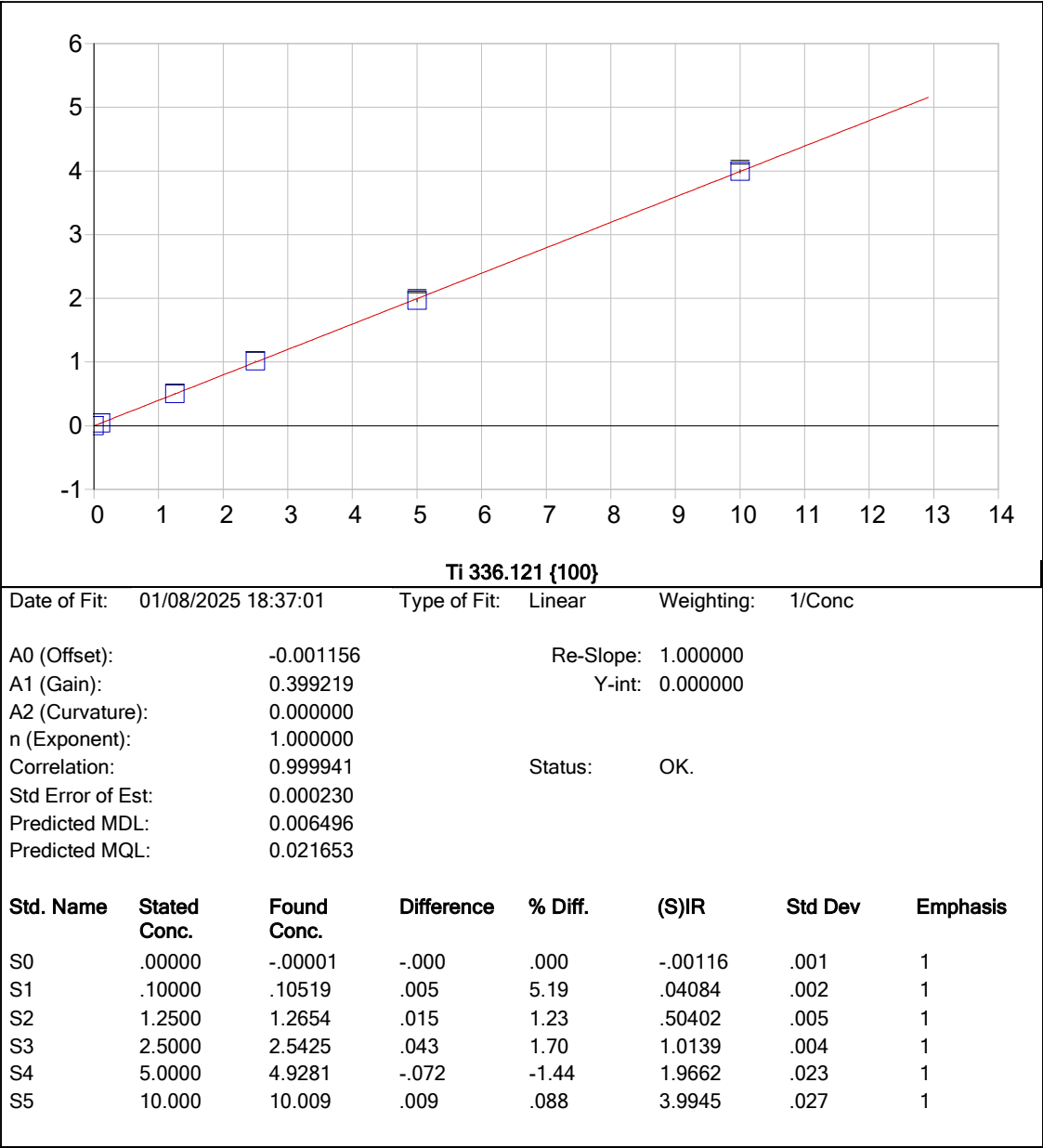


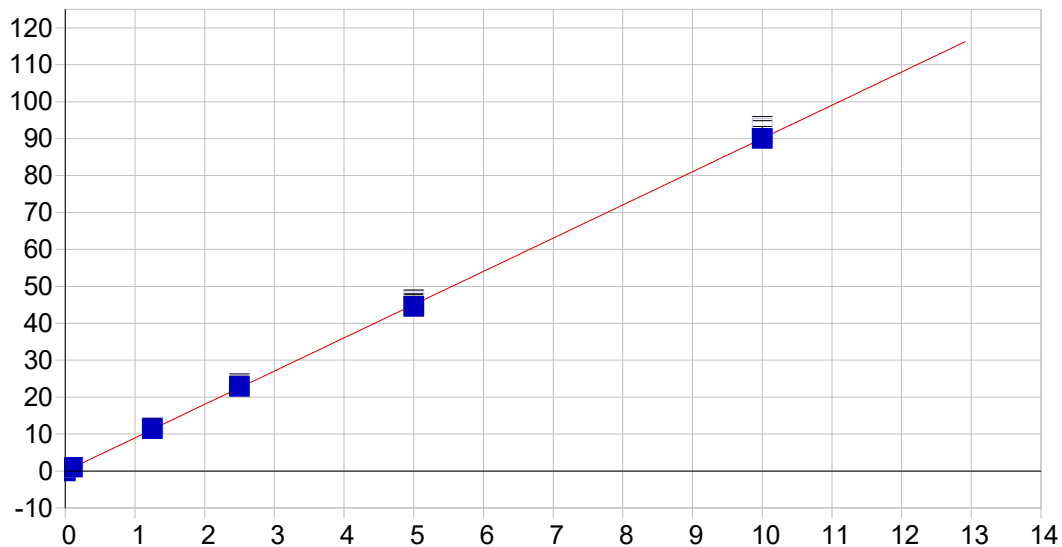
Sn 189.989 {478}

Date of Fit: 01/08/2025 18:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000145 Re-Slope: 1.000000  
 A1 (Gain): 0.189996 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999817 Status: OK.  
 Std Error of Est: 0.000051  
 Predicted MDL: 0.001279  
 Predicted MQL: 0.004265

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00014 | .000    | 1        |
| S1        | .00700       | .00621      | -.001      | -11.2   | .00098  | .000    | 1        |
| S2        | 1.2500       | 1.1880      | -.062      | -4.96   | .22438  | .001    | 1        |
| S3        | 2.5000       | 2.4516      | -.048      | -1.93   | .46328  | .002    | 1        |
| S4        | 5.0000       | 4.9578      | -.042      | -.843   | .93706  | .001    | 1        |
| S5        | 10.000       | 10.153      | .153       | 1.53    | 1.9194  | .014    | 1        |





**Sr 407.771 { 83}**

Date of Fit: 01/08/2025 18:37:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000437 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 9.004102 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999948 | Status:   | OK.      |
| Std Error of Est: | 0.005045 |           |          |
| Predicted MDL:    | 0.000396 |           |          |
| Predicted MQL:    | 0.001321 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00036 | .001    | 1        |
| S1        | .10000       | .10729      | .007       | 7.29    | .96743 | .016    | 1        |
| S2        | 1.2500       | 1.2666      | .017       | 1.32    | 11.742 | .048    | 1        |
| S3        | 2.5000       | 2.5388      | .039       | 1.55    | 23.536 | .121    | 1        |
| S4        | 5.0000       | 4.9392      | -.061      | -1.22   | 45.824 | .508    | 1        |
| S5        | 10.000       | 9.9983      | -.002      | -.017   | 92.728 | .591    | 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 |            |        |





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 |            |        |

