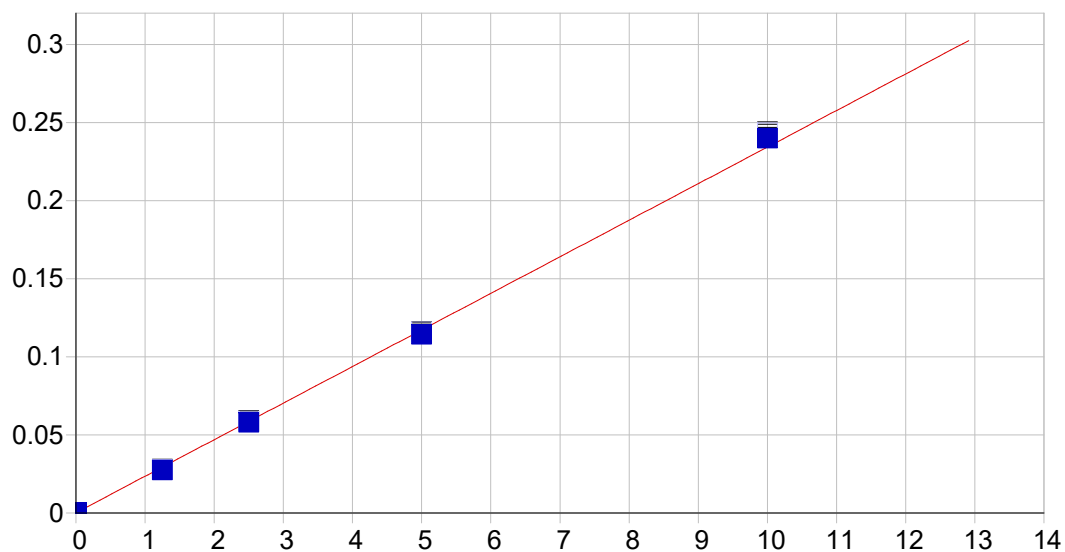


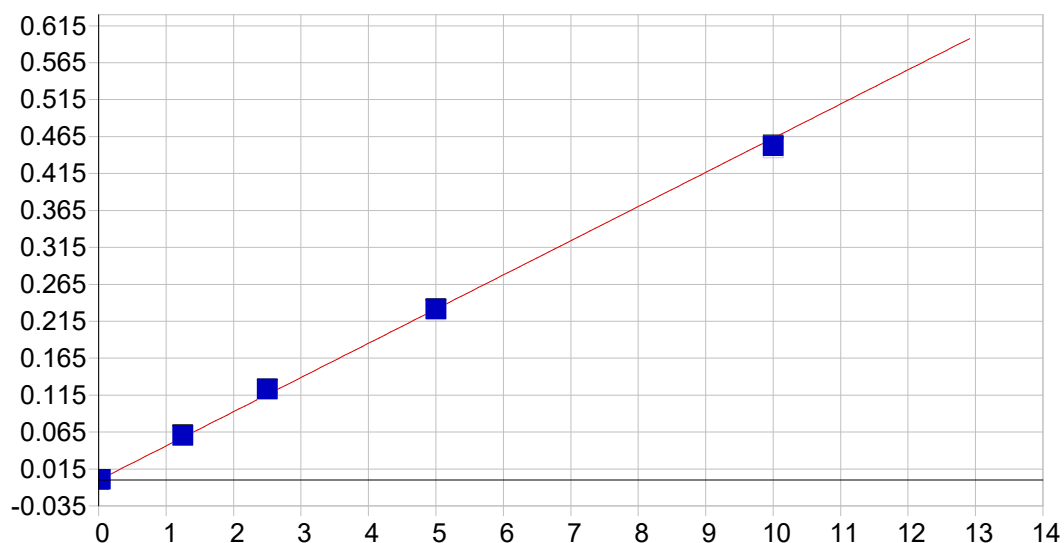


**As 189.042 {479}**

Date of Fit: 11/10/2024 15:55:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000113 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.023414 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999602 | Status:   | OK.      |
| Std Error of Est: | 0.000011 |           |          |
| Predicted MDL:    | 0.008950 |           |          |
| Predicted MQL:    | 0.029833 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00011 | .000    | 1        |
| S1        | .01000       | .01059      | .001       | 5.91    | .00036 | .000    | 1        |
| S2        | 1.2500       | 1.1639      | -.086      | -6.89   | .02779 | .000    | 1        |
| S3        | 2.5000       | 2.4686      | -.031      | -1.25   | .05876 | .000    | 1        |
| S4        | 5.0000       | 4.8746      | -.125      | -2.51   | .11593 | .000    | 1        |
| S5        | 10.000       | 10.242      | .242       | 2.42    | .24329 | .001    | 1        |

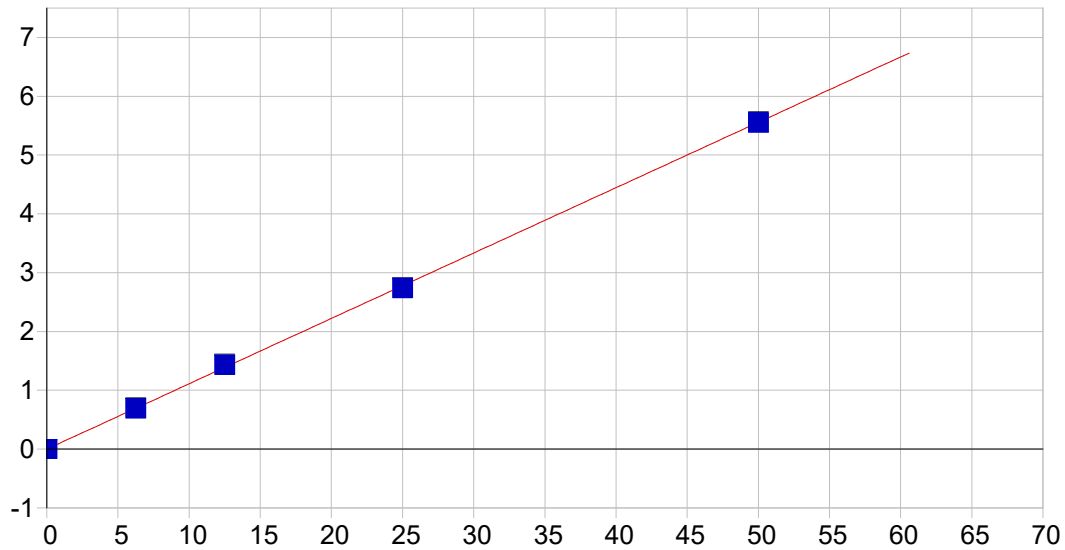


TI 190.856 {477}

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000081 Re-Slope: 1.000000  
 A1 (Gain): 0.046292 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999510 Status: OK.  
 Std Error of Est: 0.000038  
 Predicted MDL: 0.003589  
 Predicted MQL: 0.011965

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00008 | .000    | 1        |
| S1        | .02500       | .02394      | -.001      | -4.23   | .00100  | .000    | 1        |
| S2        | 1.2500       | 1.3081      | .058       | 4.65    | .06008  | .001    | 1        |
| S3        | 2.5000       | 2.6619      | .162       | 6.48    | .12235  | .000    | 1        |
| S4        | 5.0000       | 5.0029      | .003       | .058    | .22992  | .000    | 1        |
| S5        | 10.000       | 9.7781      | -.222      | -2.22   | .44938  | .001    | 1        |

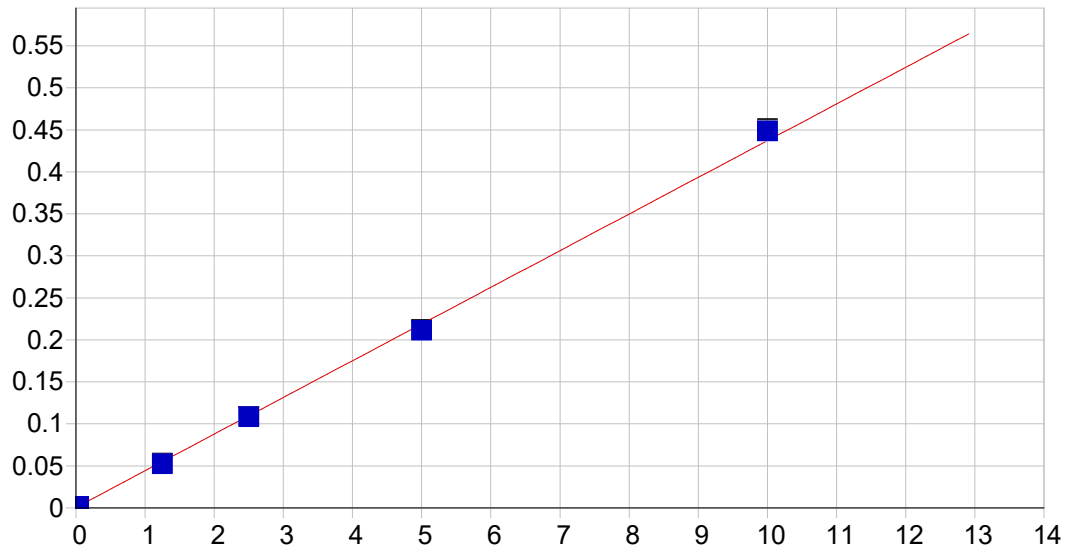


### Pb 220.353 {453}

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000509 Re-Slope: 1.000000  
 A1 (Gain): 0.111155 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999895 Status: OK.  
 Std Error of Est: 0.000060  
 Predicted MDL: 0.003701  
 Predicted MQL: 0.012337

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00051 | .000    | 1        |
| S1        | .01000       | .00776      | -.002      | -22.4   | .00036  | .000    | 1        |
| S2        | 6.2500       | 6.2474      | -.003      | -.042   | .69375  | .002    | 1        |
| S3        | 12.500       | 12.914      | .414       | 3.31    | 1.4346  | .006    | 1        |
| S4        | 25.000       | 24.634      | -.366      | -1.46   | 2.7370  | .004    | 1        |
| S5        | 50.000       | 49.956      | -.044      | -.088   | 5.5510  | .012    | 1        |

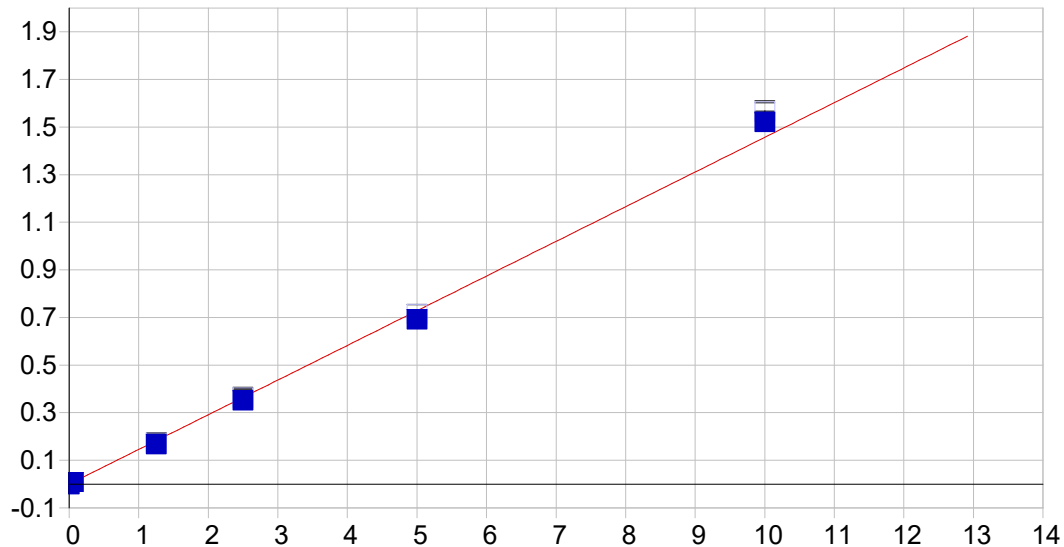


Se 196.090 {472}

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000617 Re-Slope: 1.000000  
 A1 (Gain): 0.043652 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999536 Status: OK.  
 Std Error of Est: 0.000042  
 Predicted MDL: 0.007504  
 Predicted MQL: 0.025013

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00062 | .000    | 1        |
| S1        | .03500       | .02886      | -.006      | -17.5   | .00188 | .000    | 1        |
| S2        | 1.2500       | 1.1874      | -.063      | -5.00   | .05235 | .001    | 1        |
| S3        | 2.5000       | 2.4710      | -.029      | -1.16   | .10827 | .000    | 1        |
| S4        | 5.0000       | 4.8309      | -.169      | -3.38   | .21108 | .001    | 1        |
| S5        | 10.000       | 10.267      | .267       | 2.67    | .44795 | .002    | 1        |

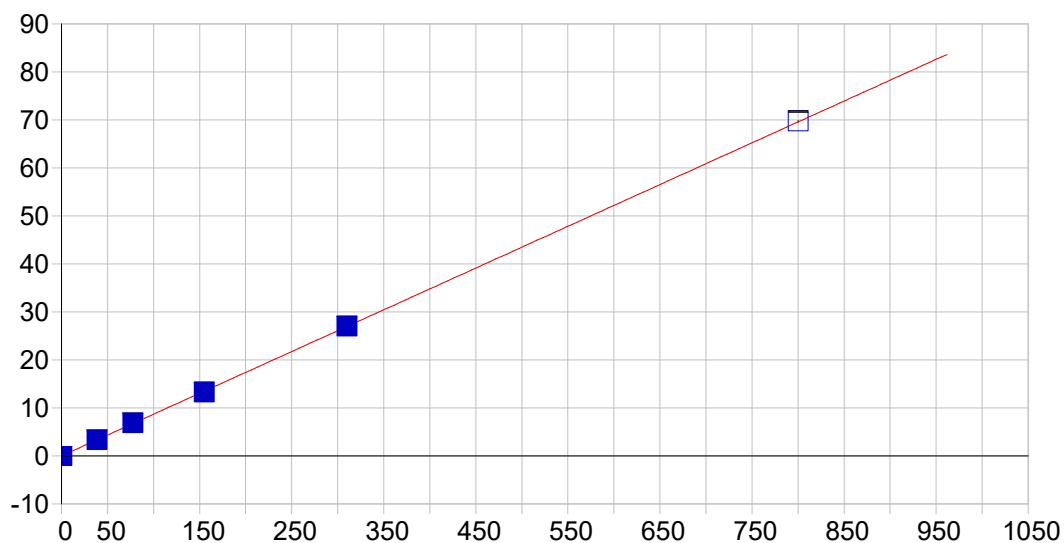


**Sb 206.833 {463}**

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000001 Re-Slope: 1.000000  
 A1 (Gain): 0.145684 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998896 Status: OK.  
 Std Error of Est: 0.000290  
 Predicted MDL: 0.002927  
 Predicted MQL: 0.009756

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00000 | .001    | 1        |
| S1        | .06000       | .05830      | -.002      | -2.84   | .00849 | .000    | 1        |
| S2        | 1.2500       | 1.1492      | -.101      | -8.06   | .17279 | .001    | 1        |
| S3        | 2.5000       | 2.4114      | -.089      | -3.55   | .36205 | .003    | 1        |
| S4        | 5.0000       | 4.7459      | -.254      | -5.08   | .71289 | .001    | 1        |
| S5        | 10.000       | 10.445      | .445       | 4.45    | 1.5647 | .004    | 1        |

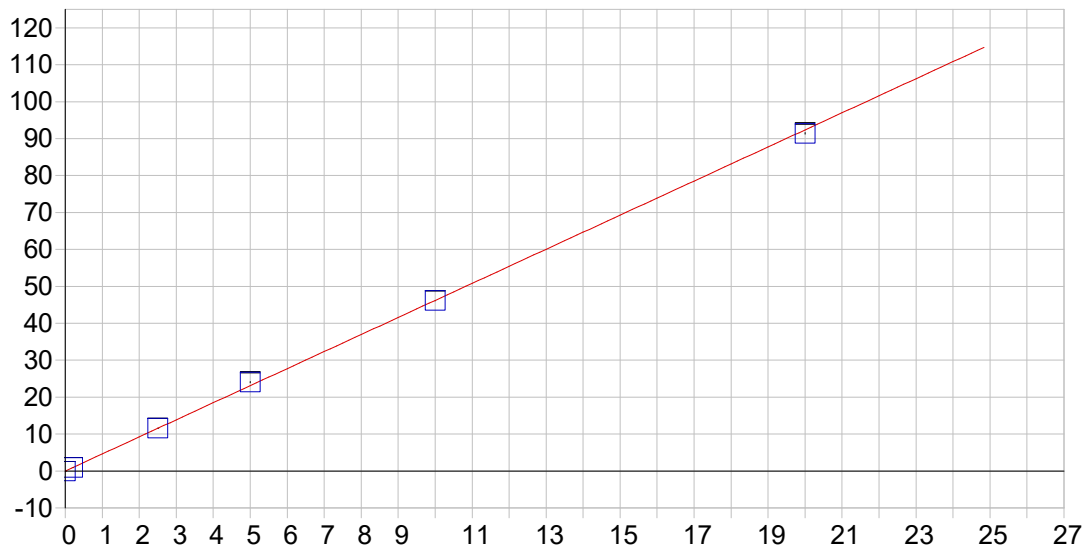


AI 396.152 { 85}

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003091 Re-Slope: 1.000000  
A1 (Gain): 0.086977 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999973 Status: OK.  
Std Error of Est: 0.000397  
Predicted MDL: 0.016865  
Predicted MQL: 0.056215

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00309 | .000    | 1        |
| S1        | .20000       | .20726      | .007       | 3.63    | .01497  | .001    | 1        |
| S2        | 38.750       | 38.141      | -.609      | -1.57   | 3.3184  | .007    | 1        |
| S3        | 77.500       | 78.673      | 1.17       | 1.51    | 6.8478  | .032    | 1        |
| S4        | 155.00       | 152.41      | -2.59      | -1.67   | 13.269  | .009    | 1        |
| S5        | 310.00       | 310.50      | .499       | .161    | 27.036  | .046    | 1        |
| S6        | 800.00       | 801.52      | 1.52       | .190    | 69.711  | .181    | 1        |

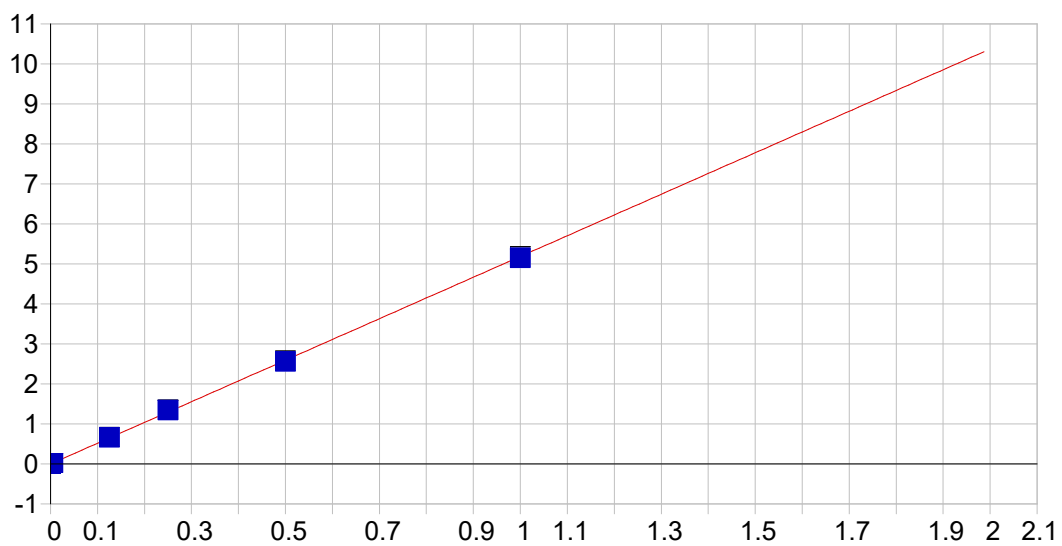


**Ba 493.409 { 68}**

Date of Fit: 11/10/2024 15:55:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.002001 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 4.618208 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999853 | Status:   | OK.      |
| Std Error of Est: | 0.008409 |           |          |
| Predicted MDL:    | 0.000634 |           |          |
| Predicted MQL:    | 0.002114 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00194 | .002    | 1        |
| S1        | .20000       | .20664      | .007       | 3.32    | .95633 | .001    | 1        |
| S2        | 2.5000       | 2.5086      | .009       | .343    | 11.587 | .023    | 1        |
| S3        | 5.0000       | 5.2072      | .207       | 4.14    | 24.050 | .154    | 1        |
| S4        | 10.000       | 9.9878      | -.012      | -.122   | 46.128 | .048    | 1        |
| S5        | 20.000       | 19.790      | -.210      | -1.05   | 91.395 | .204    | 1        |



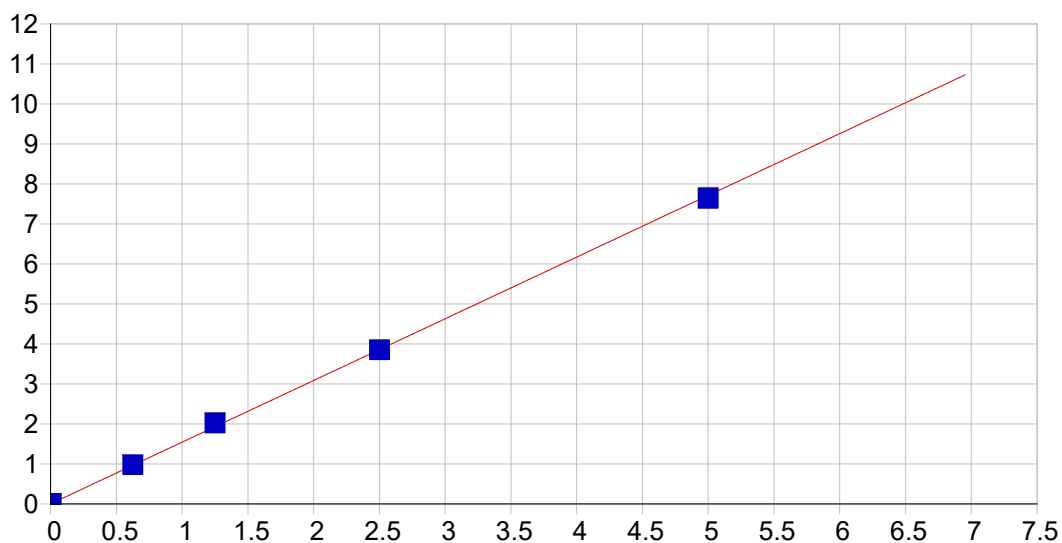
Be 234.861 {144}

Date of Fit: 11/10/2024 15:55:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001112 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 5.187017  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999865  | Status:   | OK.      |
| Std Error of Est: | 0.000319  |           |          |
| Predicted MDL:    | 0.000150  |           |          |
| Predicted MQL:    | 0.000501  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00111 | .001    | 1        |
| S1        | .00500       | .00528      | .000       | 5.66    | .02628  | .001    | 1        |
| S2        | .12500       | .12763      | .003       | 2.10    | .65984  | .002    | 1        |
| S3        | .25000       | .25906      | .009       | 3.62    | 1.3405  | .007    | 1        |
| S4        | .50000       | .49424      | -.006      | -1.15   | 2.5583  | .010    | 1        |
| S5        | 1.0000       | .99380      | -.006      | -.620   | 5.1454  | .033    | 1        |



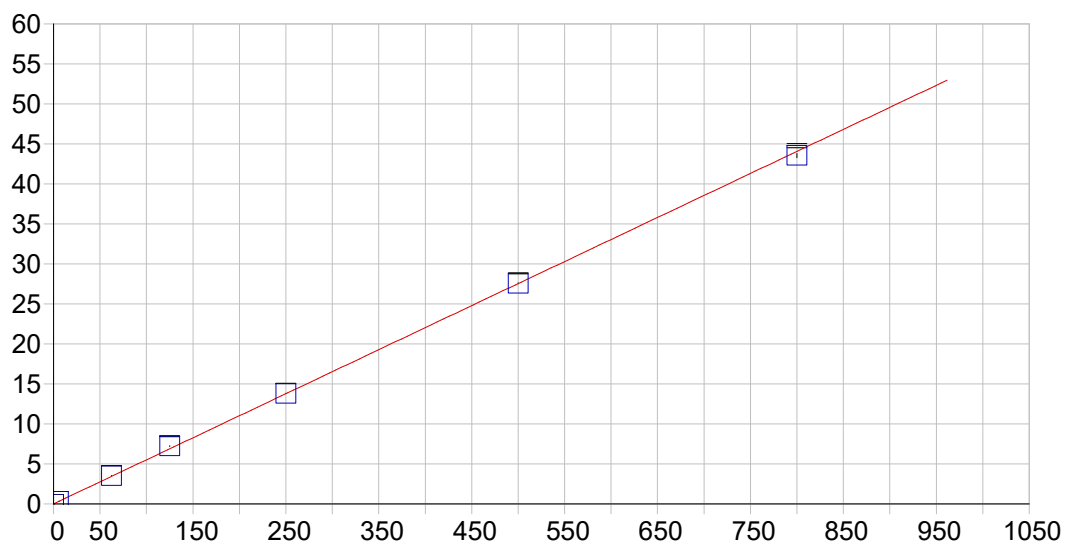


**Cd 214.438 {457}**

Date of Fit: 11/10/2024 15:55:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000681 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.543299 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999815 | Status:   | OK.      |
| Std Error of Est: | 0.000250 |           |          |
| Predicted MDL:    | 0.000160 |           |          |
| Predicted MQL:    | 0.000535 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00068 | .000    | 1        |
| S1        | .00500       | .00526      | .000       | 5.23    | .00881 | .000    | 1        |
| S2        | .62500       | .63326      | .008       | 1.32    | .98030 | .003    | 1        |
| S3        | 1.2500       | 1.3079      | .058       | 4.63    | 2.0238 | .010    | 1        |
| S4        | 2.5000       | 2.4907      | -.009      | -.371   | 3.8539 | .006    | 1        |
| S5        | 5.0000       | 4.9429      | -.057      | -1.14   | 7.6475 | .020    | 1        |

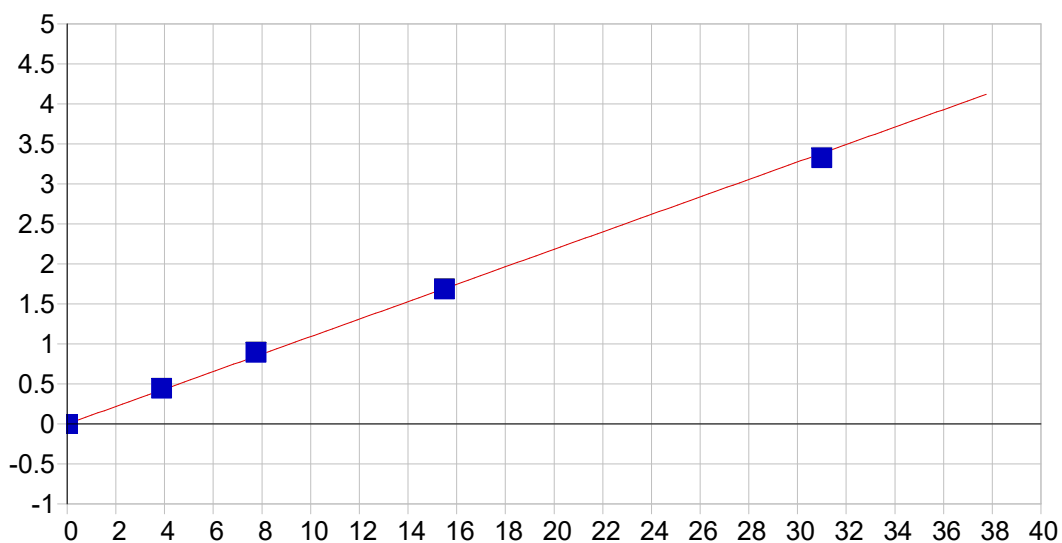


Ca 373.690 { 90}

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004423 Re-Slope: 1.000000  
 A1 (Gain): 0.055074 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999863 Status: OK.  
 Std Error of Est: 0.003181  
 Predicted MDL: 0.021081  
 Predicted MQL: 0.070269

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00074     | -.001      | .000    | .00438 | .001    | 1        |
| S1        | 5.0000       | 5.4150      | .415       | 8.30    | .30265 | .000    | 1        |
| S2        | 62.500       | 64.048      | 1.55       | 2.48    | 3.5318 | .009    | 1        |
| S3        | 125.00       | 131.07      | 6.07       | 4.86    | 7.2230 | .043    | 1        |
| S4        | 250.00       | 250.76      | .762       | .305    | 13.815 | .019    | 1        |
| S5        | 500.00       | 500.44      | .442       | .088    | 27.566 | .062    | 1        |
| S6        | 800.00       | 790.76      | -9.24      | -1.15   | 43.555 | .260    | 1        |

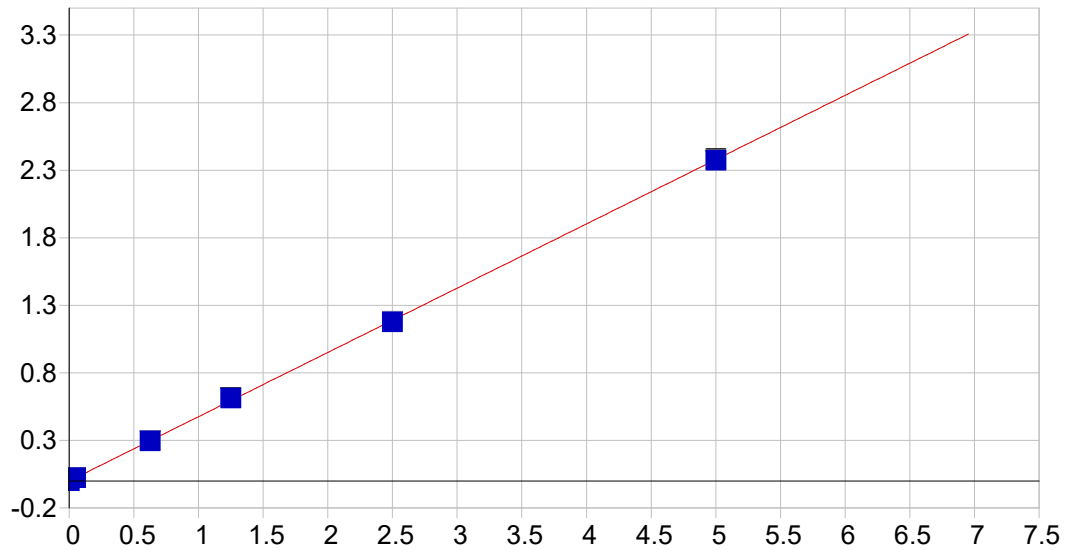


**Cr 267.716 {126}**

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000167 Re-Slope: 1.000000  
 A1 (Gain): 0.109139 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999613 Status: OK.  
 Std Error of Est: 0.000090  
 Predicted MDL: 0.001338  
 Predicted MQL: 0.004461

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00017 | .000    | 1        |
| S1        | .01000       | .01300      | .003       | 30.0    | .00125  | .000    | 1        |
| S2        | 3.8750       | 4.0629      | .188       | 4.85    | .44373  | .001    | 1        |
| S3        | 7.7500       | 8.1895      | .440       | 5.67    | .89458  | .001    | 1        |
| S4        | 15.500       | 15.421      | -.079      | -.513   | 1.6847  | .000    | 1        |
| S5        | 31.000       | 30.449      | -.551      | -1.78   | 3.3268  | .004    | 1        |

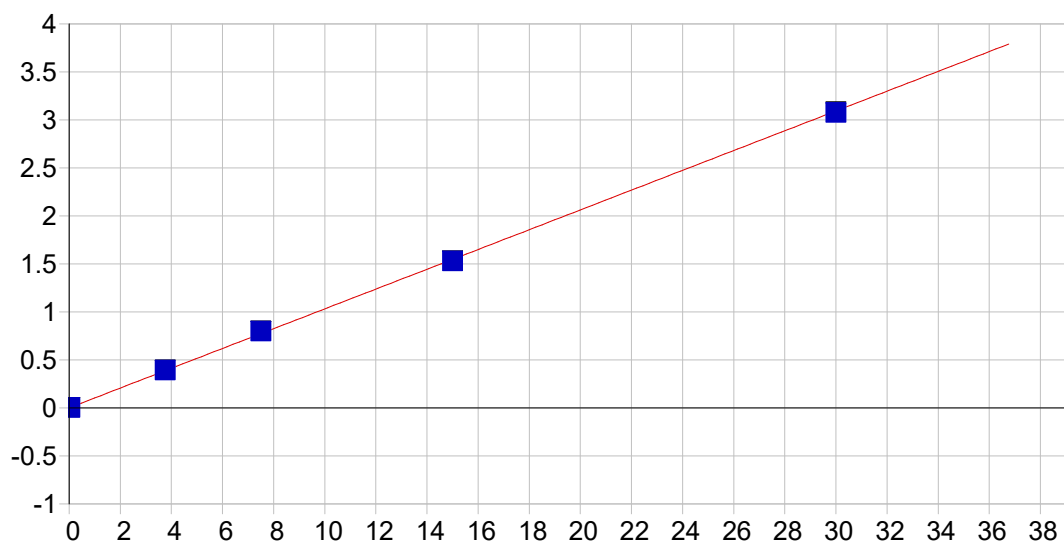


**Co 228.616 {448}**

Date of Fit: 11/10/2024 15:55:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000481 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.475710  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999920  | Status:   | OK.      |
| Std Error of Est: | 0.000160  |           |          |
| Predicted MDL:    | 0.000604  |           |          |
| Predicted MQL:    | 0.002014  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00048 | .000    | 1        |
| S1        | .05000       | .05015      | .000       | .308    | .02346  | .000    | 1        |
| S2        | .62500       | .62312      | -.002      | -.301   | .29630  | .001    | 1        |
| S3        | 1.2500       | 1.2890      | .039       | 3.12    | .61345  | .003    | 1        |
| S4        | 2.5000       | 2.4746      | -.025      | -1.02   | 1.1782  | .003    | 1        |
| S5        | 5.0000       | 4.9881      | -.012      | -.239   | 2.3753  | .009    | 1        |

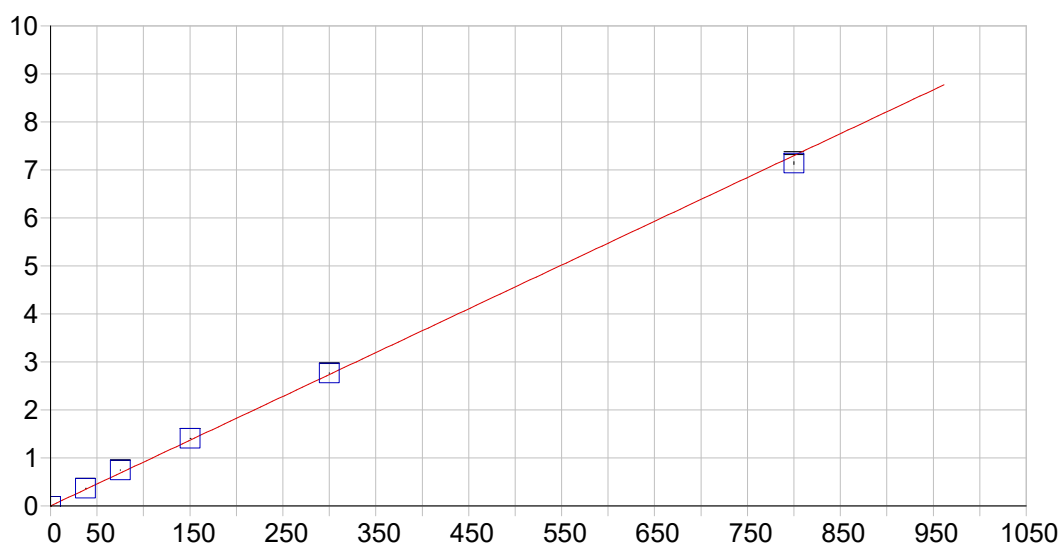


**Cu 324.754 {104}**

Date of Fit: 11/10/2024 15:55:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000784 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.103083 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999901 | Status:   | OK.      |
| Std Error of Est: | 0.000066 |           |          |
| Predicted MDL:    | 0.006269 |           |          |
| Predicted MQL:    | 0.020898 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00078 | .001    | 1        |
| S1        | .02500       | .02353      | -.001      | -5.88   | .00321 | .001    | 1        |
| S2        | 3.7500       | 3.8122      | .062       | 1.66    | .39351 | .001    | 1        |
| S3        | 7.5000       | 7.7401      | .240       | 3.20    | .79817 | .001    | 1        |
| S4        | 15.000       | 14.847      | -.153      | -1.02   | 1.5303 | .001    | 1        |
| S5        | 30.000       | 29.852      | -.148      | -.492   | 3.0761 | .007    | 1        |

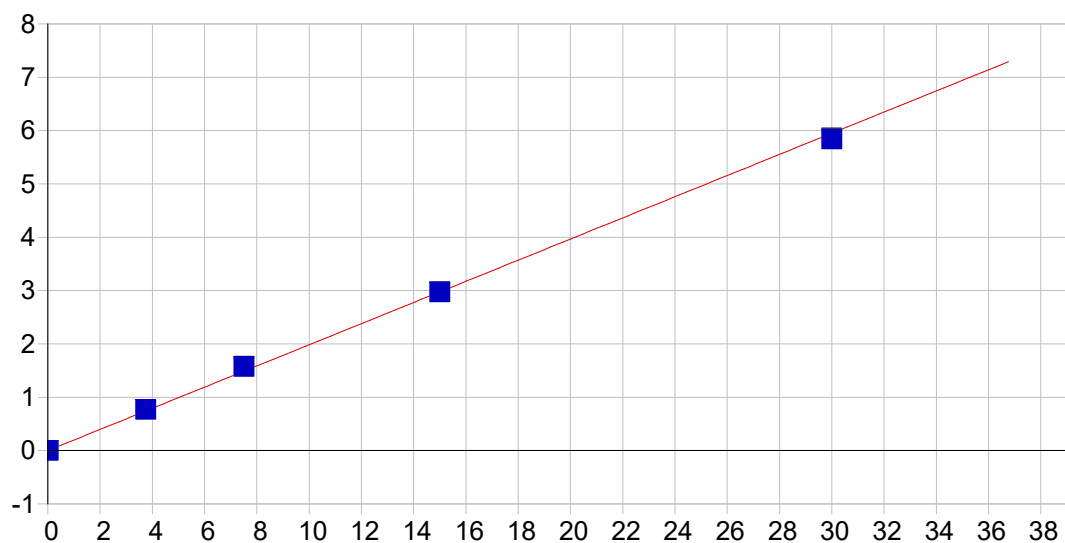


### Fe 259.837 {130}

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000181 Re-Slope: 1.000000  
 A1 (Gain): 0.009123 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999507 Status: OK.  
 Std Error of Est: 0.000125  
 Predicted MDL: 0.040380  
 Predicted MQL: 0.134601

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00018 | .000    | 1        |
| S1        | .10000       | .09624      | -.004      | -3.76   | .00106 | .000    | 1        |
| S2        | 37.500       | 40.138      | 2.64       | 7.04    | .36636 | .001    | 1        |
| S3        | 75.000       | 81.844      | 6.84       | 9.12    | .74684 | .006    | 1        |
| S4        | 150.00       | 154.31      | 4.31       | 2.87    | 1.4080 | .002    | 1        |
| S5        | 300.00       | 303.45      | 3.45       | 1.15    | 2.7686 | .005    | 1        |
| S6        | 800.00       | 782.76      | -17.2      | -2.16   | 7.1412 | .030    | 1        |

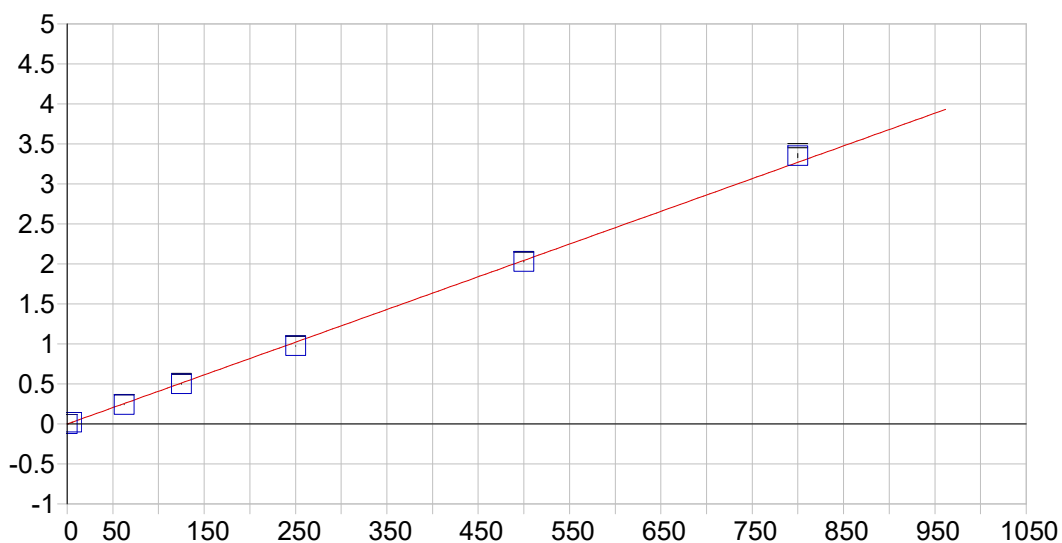


**Mn 257.610 {131}**

Date of Fit: 11/10/2024 15:55:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000378 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.198350  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999640  | Status:   | OK.      |
| Std Error of Est: | 0.000189  |           |          |
| Predicted MDL:    | 0.001753  |           |          |
| Predicted MQL:    | 0.005843  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00038 | .000    | 1        |
| S1        | .01500       | .01765      | .003       | 17.7    | .00313  | .000    | 1        |
| S2        | 3.7500       | 3.8884      | .138       | 3.69    | .77100  | .001    | 1        |
| S3        | 7.5000       | 7.9324      | .432       | 5.76    | 1.5732  | .008    | 1        |
| S4        | 15.000       | 14.975      | -.025      | -.169   | 2.9703  | .005    | 1        |
| S5        | 30.000       | 29.452      | -.548      | -1.83   | 5.8423  | .018    | 1        |



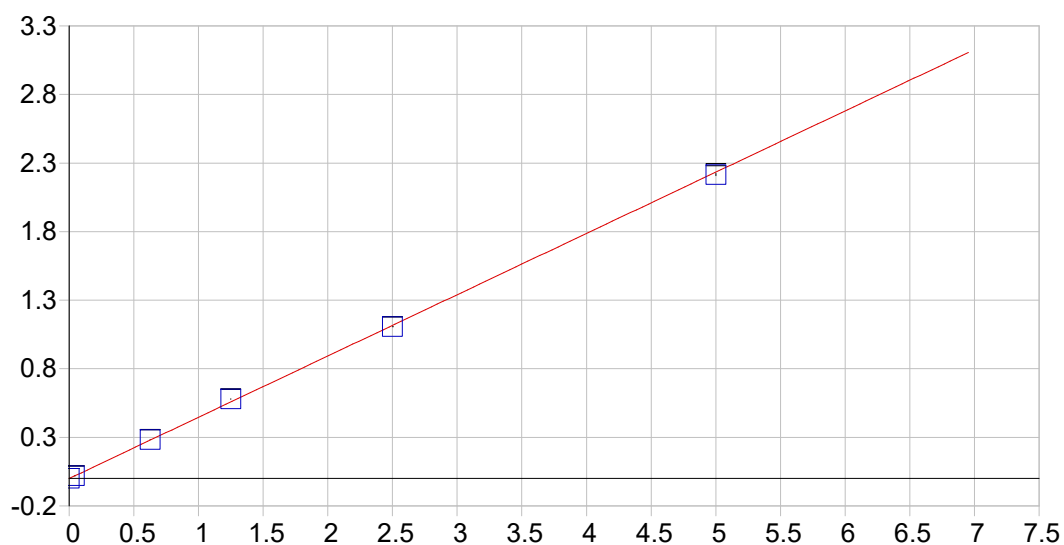
**Mg 279.079 {121}**

Date of Fit: 11/10/2024 15:55:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000713 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.004089  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999633  | Status:   | OK.      |
| Std Error of Est: | 0.000387  |           |          |
| Predicted MDL:    | 0.094056  |           |          |
| Predicted MQL:    | 0.313519  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00024      | .000       | .000    | -.00071 | .000    | 1        |
| S1        | 5.0000       | 5.2435      | .244       | 4.87    | .02073  | .000    | 1        |
| S2        | 62.500       | 59.283      | -3.22      | -5.15   | .24169  | .001    | 1        |
| S3        | 125.00       | 122.94      | -2.06      | -1.64   | .50199  | .005    | 1        |
| S4        | 250.00       | 238.49      | -11.5      | -4.60   | .97443  | .003    | 1        |
| S5        | 500.00       | 496.31      | -3.69      | -.739   | 2.0286  | .003    | 1        |
| S6        | 800.00       | 820.23      | 20.2       | 2.53    | 3.3531  | .026    | 1        |



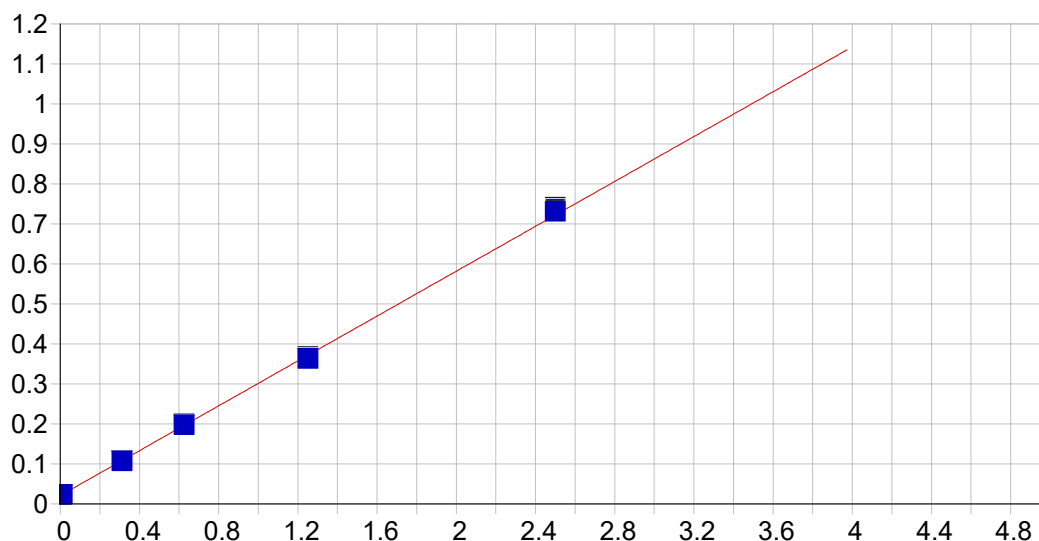


**Ni 231.604 {446}**

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000328 Re-Slope: 1.000000  
 A1 (Gain): 0.446767 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999853 Status: OK.  
 Std Error of Est: 0.000182  
 Predicted MDL: 0.000683  
 Predicted MQL: 0.002278

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00033 | .000    | 1        |
| S1        | .04000       | .04243      | .002       | 6.08    | .01863  | .000    | 1        |
| S2        | .62500       | .63607      | .011       | 1.77    | .28385  | .002    | 1        |
| S3        | 1.2500       | 1.2989      | .049       | 3.91    | .57997  | .002    | 1        |
| S4        | 2.5000       | 2.4780      | -.022      | -.878   | 1.1068  | .001    | 1        |
| S5        | 5.0000       | 4.9596      | -.040      | -.808   | 2.2154  | .008    | 1        |

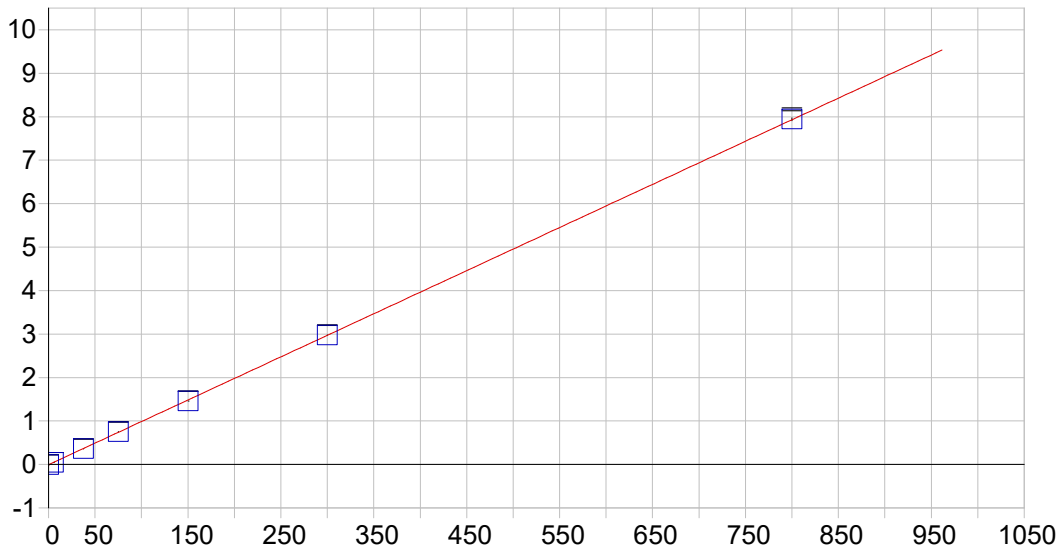


Ag 328.068 {103}

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.021018 Re-Slope: 1.000000  
A1 (Gain): 0.280416 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999858 Status: OK.  
Std Error of Est: 0.000040  
Predicted MDL: n/a  
Predicted MQL: n/a

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .02102 | .000    | 1        |
| S1        | .01000       | .01067      | .001       | 6.65    | .02400 | .000    | 1        |
| S2        | .31250       | .30622      | -.006      | -2.01   | .10783 | .000    | 1        |
| S3        | .62500       | .62879      | .004       | .606    | .19923 | .001    | 1        |
| S4        | 1.2500       | 1.2194      | -.031      | -2.45   | .36673 | .001    | 1        |
| S5        | 2.5000       | 2.5325      | .032       | 1.30    | .73871 | .003    | 1        |

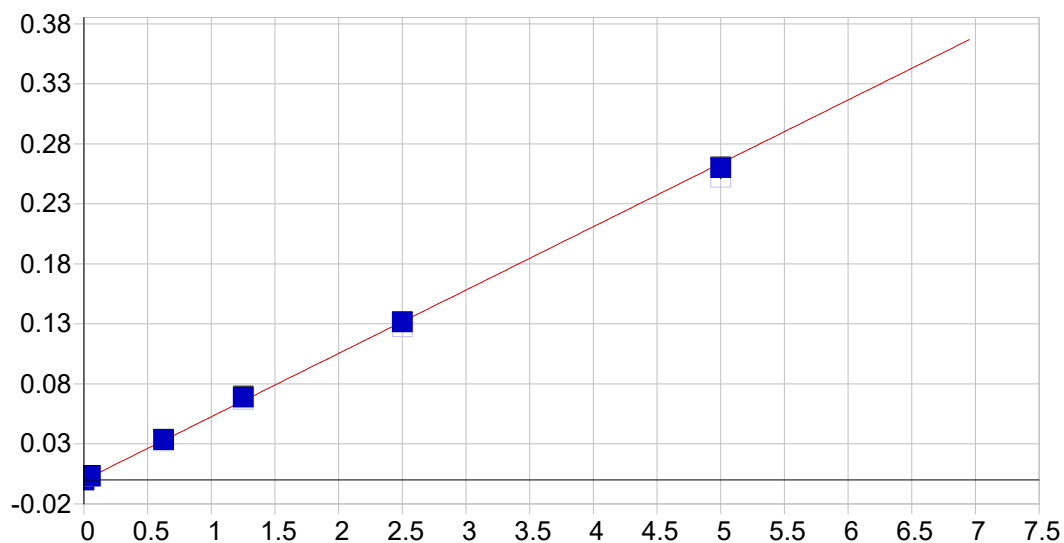


### Na 818.326 { 41}

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005470 Re-Slope: 1.000000  
 A1 (Gain): 0.009921 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999972 Status: OK.  
 Std Error of Est: 0.000229  
 Predicted MDL: 0.342716  
 Predicted MQL: 1.142386

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00010      | .000       | .000    | -.00547 | .002    | 1        |
| S1        | 5.0000       | 4.9567      | -.043      | -.865   | .04371  | .002    | 1        |
| S2        | 37.500       | 36.897      | -.603      | -1.61   | .36059  | .003    | 1        |
| S3        | 75.000       | 76.394      | 1.39       | 1.86    | .75243  | .005    | 1        |
| S4        | 150.00       | 147.61      | -2.39      | -1.59   | 1.4590  | .001    | 1        |
| S5        | 300.00       | 300.46      | .463       | .154    | 2.9754  | .007    | 1        |
| S6        | 800.00       | 801.18      | 1.18       | .147    | 7.9430  | .032    | 1        |

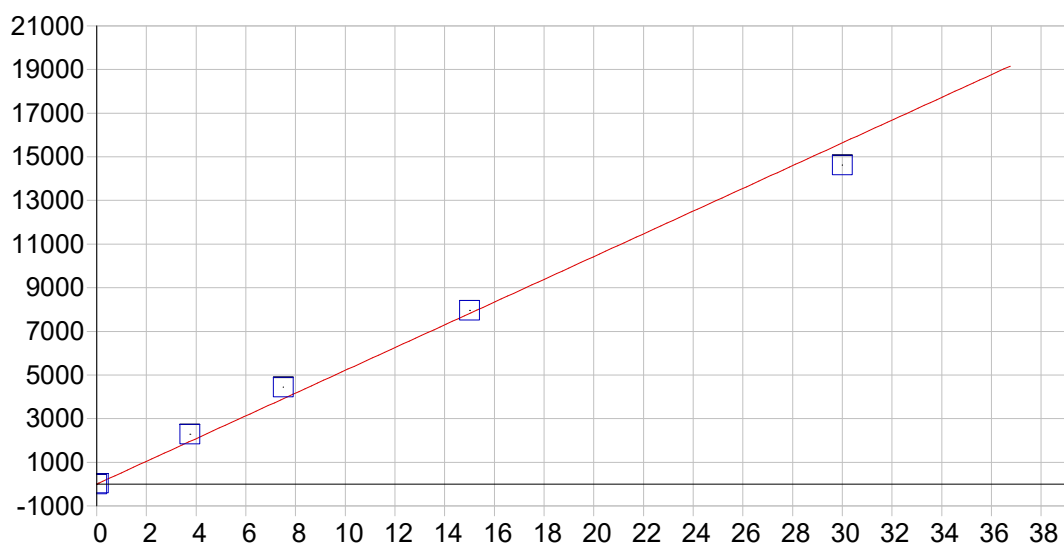


V 292.402 {115}

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000158 Re-Slope: 1.000000  
 A1 (Gain): 0.052781 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999649 Status: OK.  
 Std Error of Est: 0.000036  
 Predicted MDL: 0.009923  
 Predicted MQL: 0.033075

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00016 | .001    | 1        |
| S1        | .05000       | .06067      | .011       | 21.3    | .00304  | .001    | 1        |
| S2        | .62500       | .63434      | .009       | 1.49    | .03231  | .001    | 1        |
| S3        | 1.2500       | 1.3086      | .059       | 4.69    | .06688  | .001    | 1        |
| S4        | 2.5000       | 2.4932      | -.007      | -.273   | .12738  | .000    | 1        |
| S5        | 5.0000       | 4.9279      | -.072      | -1.44   | .25184  | .001    | 1        |

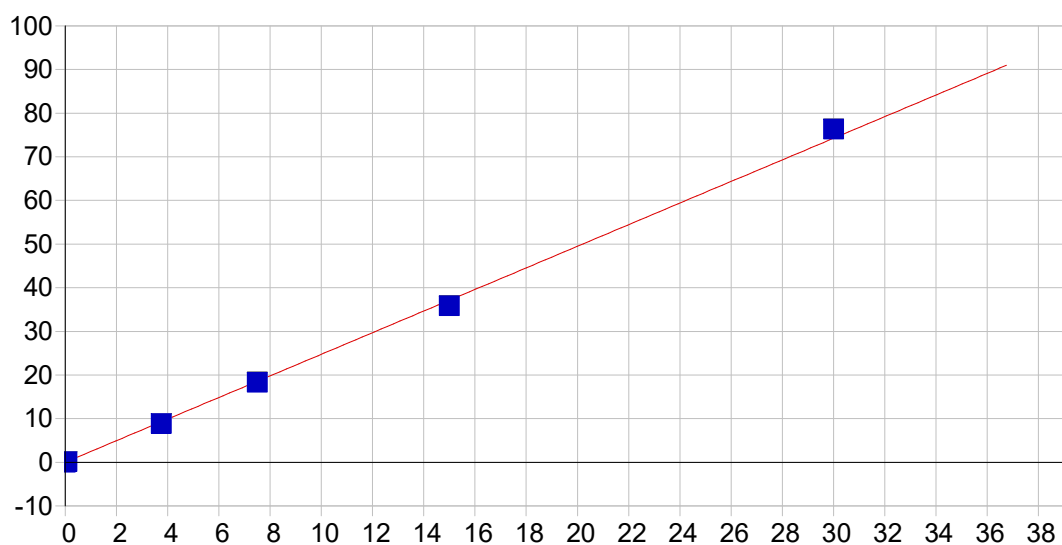


### Zn 206.200 {464}

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.148030 Re-Slope: 1.000000  
 A1 (Gain): 521.268889 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.996599 Status: OK.  
 Std Error of Est: 3.066552  
 Predicted MDL: 0.000801  
 Predicted MQL: 0.002670

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00004     | -.000      | .000    | .12940 | .345    | 1        |
| S1        | .06000       | .08020      | .020       | 33.7    | 41.954 | .498    | 1        |
| S2        | 3.7500       | 4.3878      | .638       | 17.0    | 2287.4 | 4.33    | 1        |
| S3        | 7.5000       | 8.5151      | 1.02       | 13.5    | 4438.8 | 16.1    | 1        |
| S4        | 15.000       | 15.279      | .279       | 1.86    | 7964.6 | 1.49    | 1        |
| S5        | 30.000       | 28.048      | -1.95      | -6.51   | 14621. | 17.7    | 1        |

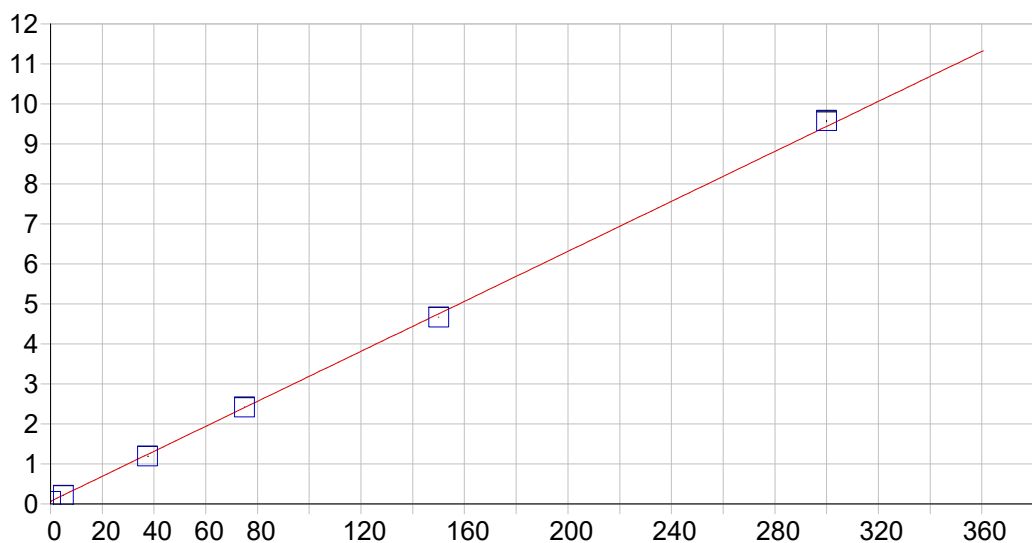


### Zn 213.856 {158}

Date of Fit: 11/10/2024 15:55:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000333 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.475071 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999547 | Status:   | OK.      |
| Std Error of Est: | 0.005312 |           |          |
| Predicted MDL:    | 0.000452 |           |          |
| Predicted MQL:    | 0.001507 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00034 | .000    | 1        |
| S1        | .06000       | .06084      | .001       | 1.40    | .15163 | .002    | 1        |
| S2        | 3.7500       | 3.5747      | -.175      | -4.67   | 8.8593 | .009    | 1        |
| S3        | 7.5000       | 7.3918      | -.108      | -1.44   | 18.318 | .043    | 1        |
| S4        | 15.000       | 14.464      | -.536      | -3.57   | 35.845 | .079    | 1        |
| S5        | 30.000       | 30.818      | .818       | 2.73    | 76.368 | .045    | 1        |

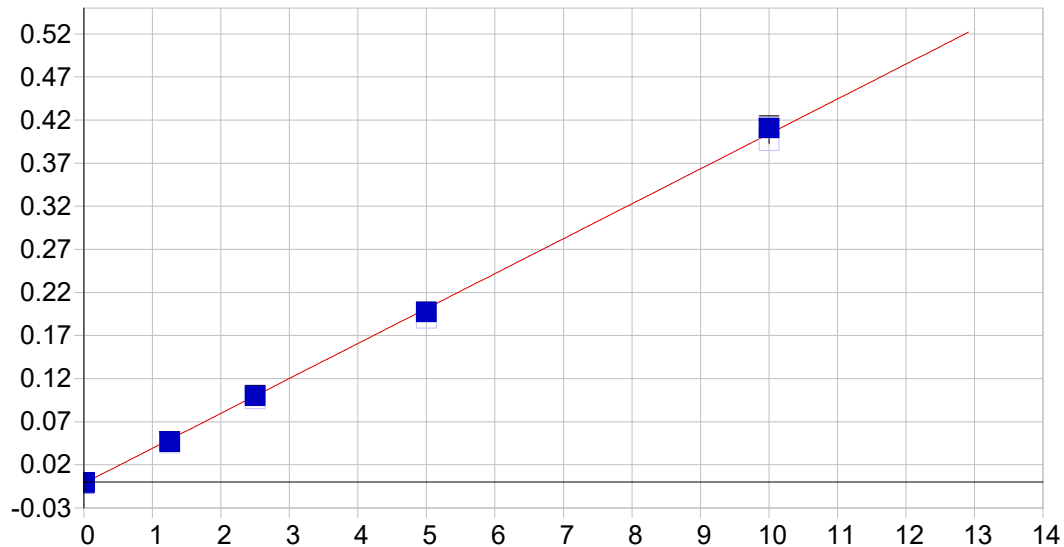


K 769.896 { 44 }

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.065984 Re-Slope: 1.000000  
 A1 (Gain): 0.031240 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999834 Status: OK.  
 Std Error of Est: 0.001174  
 Predicted MDL: 0.141934  
 Predicted MQL: 0.473112

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00051      | .001       | .000    | .06600 | .005    | 1        |
| S1        | 5.0000       | 4.6913      | -.309      | -6.17   | .21254 | .001    | 1        |
| S2        | 37.500       | 36.037      | -1.46      | -3.90   | 1.1918 | .001    | 1        |
| S3        | 75.000       | 75.200      | .200       | .267    | 2.4152 | .010    | 1        |
| S4        | 150.00       | 147.26      | -2.74      | -1.82   | 4.6665 | .005    | 1        |
| S5        | 300.00       | 304.31      | 4.31       | 1.44    | 9.5725 | .019    | 1        |



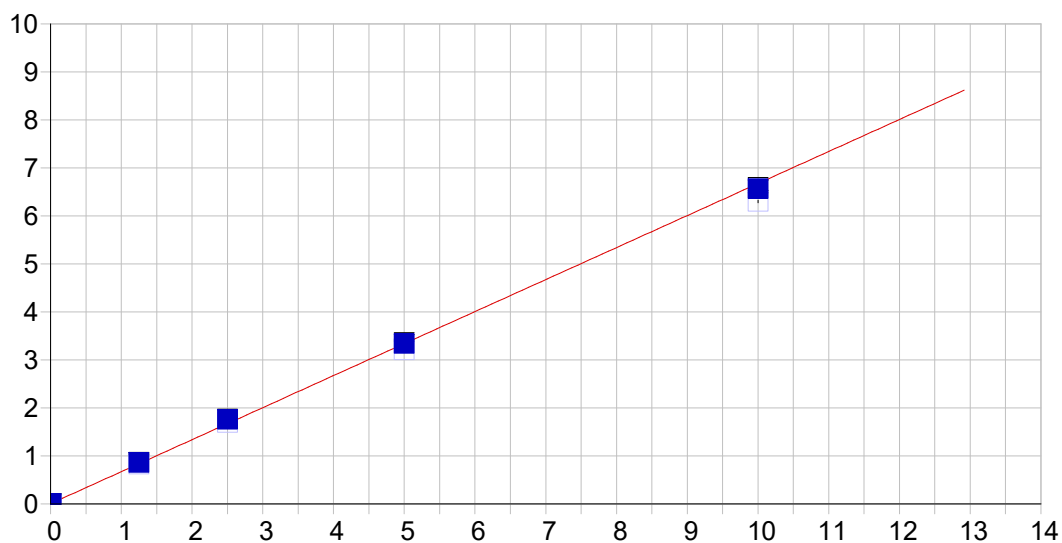
P 177.495 {490}

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001340 Re-Slope: 1.000000  
A1 (Gain): 0.040530 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999693 Status: OK.  
Std Error of Est: 0.000016  
Predicted MDL: 0.004039  
Predicted MQL: 0.013463

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00134 | .000    | 1        |
| S1        | .01000       | .01510      | .005       | 51.0    | -.00074 | .000    | 1        |
| S2        | 1.2500       | 1.1866      | -.063      | -5.07   | .04489  | .000    | 1        |
| S3        | 2.5000       | 2.4965      | -.003      | -.140   | .09612  | .001    | 1        |
| S4        | 5.0000       | 4.8965      | -.103      | -2.07   | .18966  | .000    | 1        |
| S5        | 10.000       | 10.165      | .165       | 1.65    | .39575  | .003    | 1        |



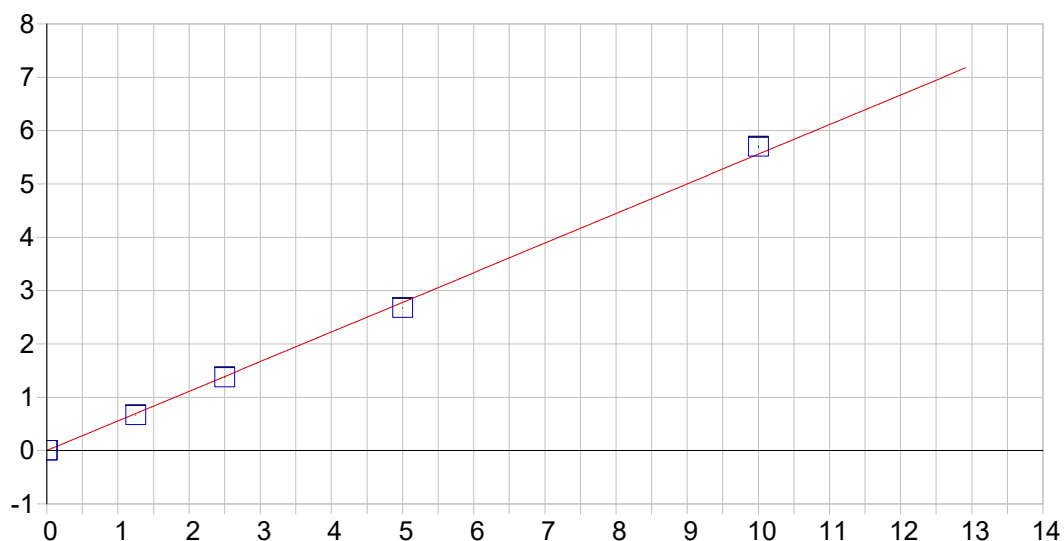


**B 249.678 {135}**

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004322 Re-Slope: 1.000000  
 A1 (Gain): 0.667027 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999358 Status: OK.  
 Std Error of Est: 0.000385  
 Predicted MDL: 0.001357  
 Predicted MQL: 0.004524

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00433 | .000    | 1        |
| S1        | .01000       | -.00088     | -.011      | -109.   | .00367 | .001    | 1        |
| S2        | 1.2500       | 1.2843      | .034       | 2.75    | .82734 | .004    | 1        |
| S3        | 2.5000       | 2.6316      | .132       | 5.26    | 1.6924 | .004    | 1        |
| S4        | 5.0000       | 5.0030      | .003       | .059    | 3.2068 | .019    | 1        |
| S5        | 10.000       | 9.8424      | -.158      | -1.58   | 6.3002 | .026    | 1        |

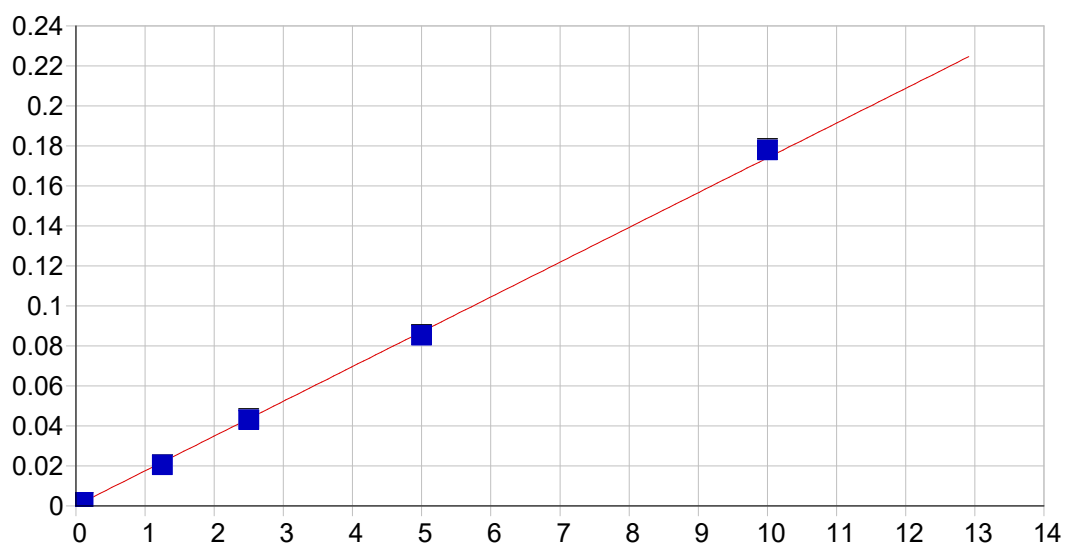


Mo 202.030 {467}

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000070 Re-Slope: 1.000000  
A1 (Gain): 0.555678 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999577 Status: OK.  
Std Error of Est: 0.000271  
Predicted MDL: 0.000644  
Predicted MQL: 0.002146

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00007 | .000    | 1        |
| S1        | .01000       | .01043      | .000       | 4.30    | .00573  | .000    | 1        |
| S2        | 1.2500       | 1.1974      | -.053      | -4.21   | .66528  | .003    | 1        |
| S3        | 2.5000       | 2.4800      | -.020      | -.800   | 1.3780  | .007    | 1        |
| S4        | 5.0000       | 4.8149      | -.185      | -3.70   | 2.6754  | .004    | 1        |
| S5        | 10.000       | 10.257      | .257       | 2.57    | 5.6997  | .008    | 1        |

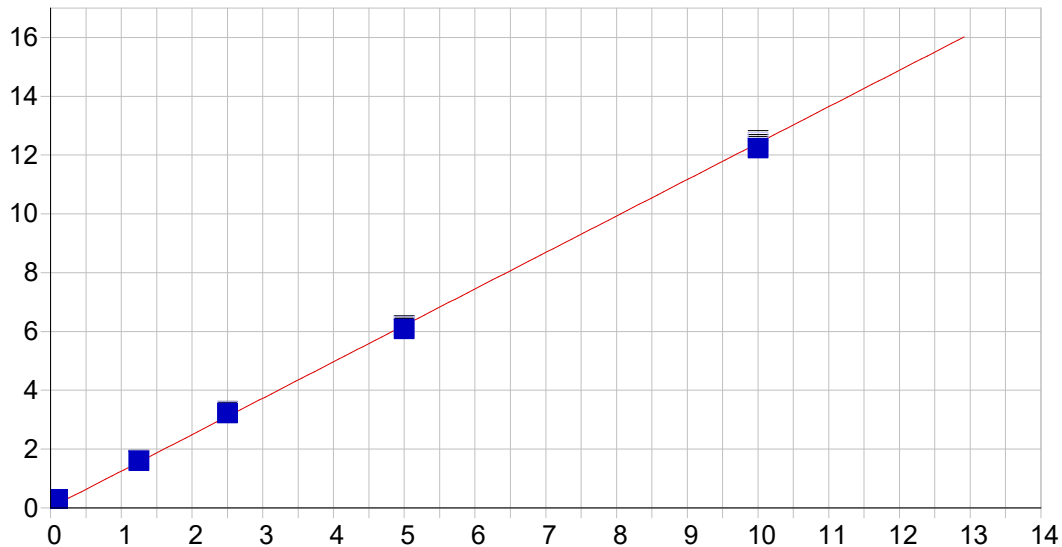


**S 182.034 {485}**

Date of Fit: 11/10/2024 15:55:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000165 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.017383 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999625 | Status:   | OK.      |
| Std Error of Est: | 0.000025 |           |          |
| Predicted MDL:    | 0.008418 |           |          |
| Predicted MQL:    | 0.028059 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00016 | .000    | 1        |
| S1        | .10000       | .09010      | -.010      | -9.90   | .00173 | .000    | 1        |
| S2        | 1.2500       | 1.1679      | -.082      | -6.57   | .02047 | .000    | 1        |
| S3        | 2.5000       | 2.4642      | -.036      | -1.43   | .04300 | .001    | 1        |
| S4        | 5.0000       | 4.8993      | -.101      | -2.01   | .08534 | .000    | 1        |
| S5        | 10.000       | 10.229      | .229       | 2.29    | .17799 | .001    | 1        |

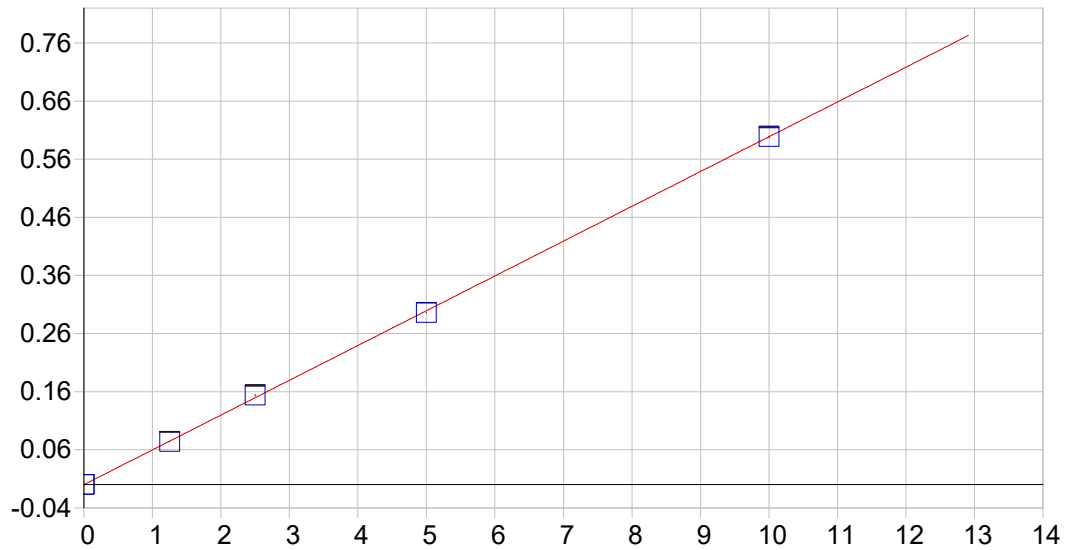


Si 251.611 {134}

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011282 Re-Slope: 1.000000  
 A1 (Gain): 1.239496 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.995576 Status: OK.  
 Std Error of Est: 0.006317  
 Predicted MDL: 0.000689  
 Predicted MQL: 0.002297

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00013     | -.000      | .000    | .01112 | .001    | 1        |
| S1        | .10000       | .22850      | .128       | 128.    | .29533 | .001    | 1        |
| S2        | 1.2500       | 1.2782      | .028       | 2.26    | 1.6207 | .006    | 1        |
| S3        | 2.5000       | 2.5902      | .090       | 3.61    | 3.2719 | .013    | 1        |
| S4        | 5.0000       | 4.8973      | -.103      | -2.05   | 6.1816 | .024    | 1        |
| S5        | 10.000       | 9.8571      | -.143      | -1.43   | 12.429 | .070    | 1        |

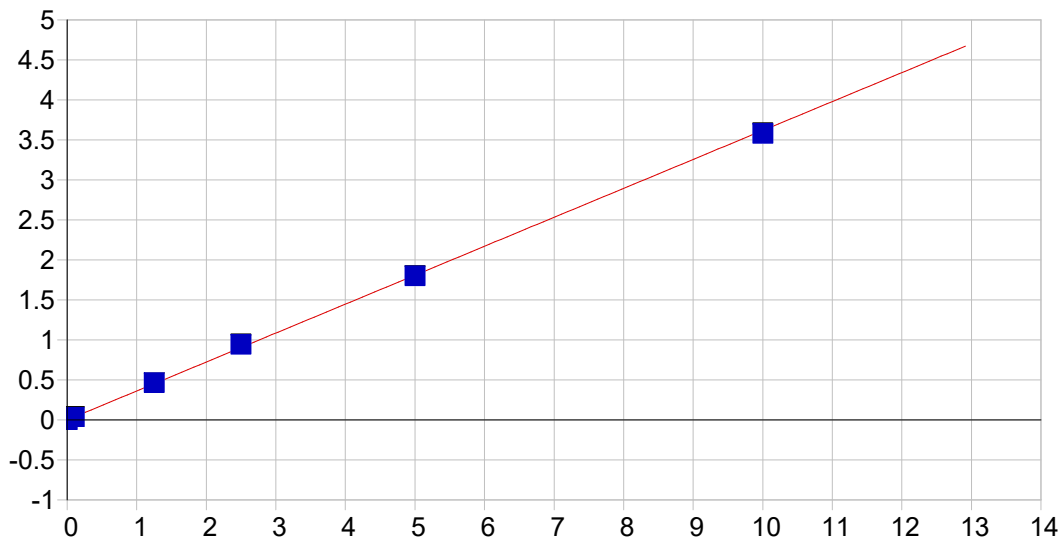


**Sn 189.989 {478}**

Date of Fit: 11/10/2024 15:55:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000016 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.059856 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999923 | Status:   | OK.      |
| Std Error of Est: | 0.000010 |           |          |
| Predicted MDL:    | 0.002448 |           |          |
| Predicted MQL:    | 0.008160 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00002 | .000    | 1        |
| S1        | .00700       | .00753      | .001       | 7.53    | .00047 | .000    | 1        |
| S2        | 1.2500       | 1.2355      | -.015      | -1.16   | .07397 | .000    | 1        |
| S3        | 2.5000       | 2.5714      | .071       | 2.85    | .15393 | .001    | 1        |
| S4        | 5.0000       | 4.9438      | -.056      | -1.12   | .29593 | .000    | 1        |
| S5        | 10.000       | 9.9988      | -.001      | -.012   | .59850 | .001    | 1        |

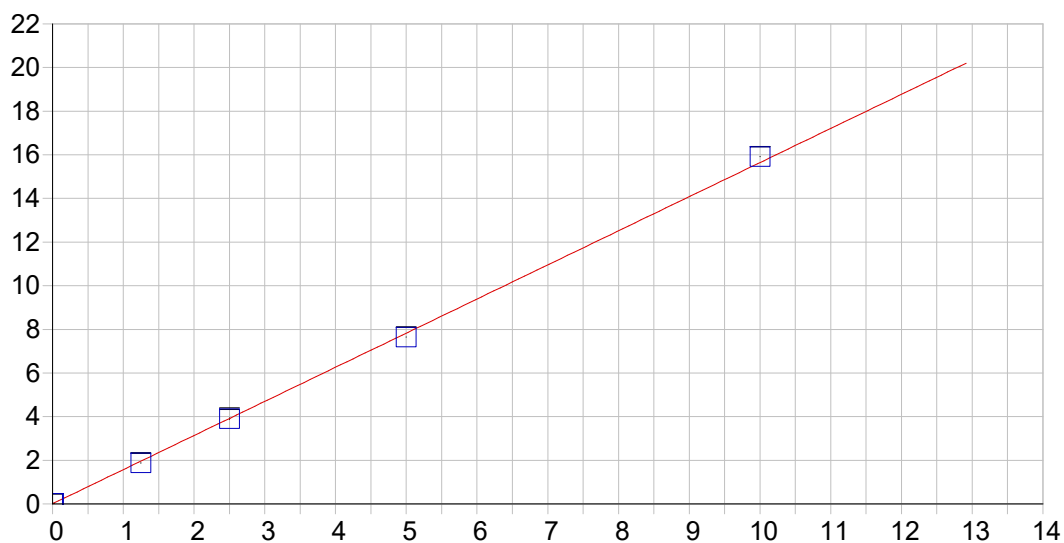


**Ti 336.121 {100}**

Date of Fit: 11/10/2024 15:55:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000149 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.361746 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999828 | Status:   | OK.      |
| Std Error of Est: | 0.000357 |           |          |
| Predicted MDL:    | 0.002232 |           |          |
| Predicted MQL:    | 0.007440 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00015 | .001    | 1        |
| S1        | .10000       | .10409      | .004       | 4.09    | .03779 | .001    | 1        |
| S2        | 1.2500       | 1.2780      | .028       | 2.24    | .46225 | .001    | 1        |
| S3        | 2.5000       | 2.6045      | .104       | 4.18    | .94185 | .007    | 1        |
| S4        | 5.0000       | 4.9706      | -.029      | -.589   | 1.7973 | .004    | 1        |
| S5        | 10.000       | 9.8928      | -.107      | -1.07   | 3.5770 | .008    | 1        |

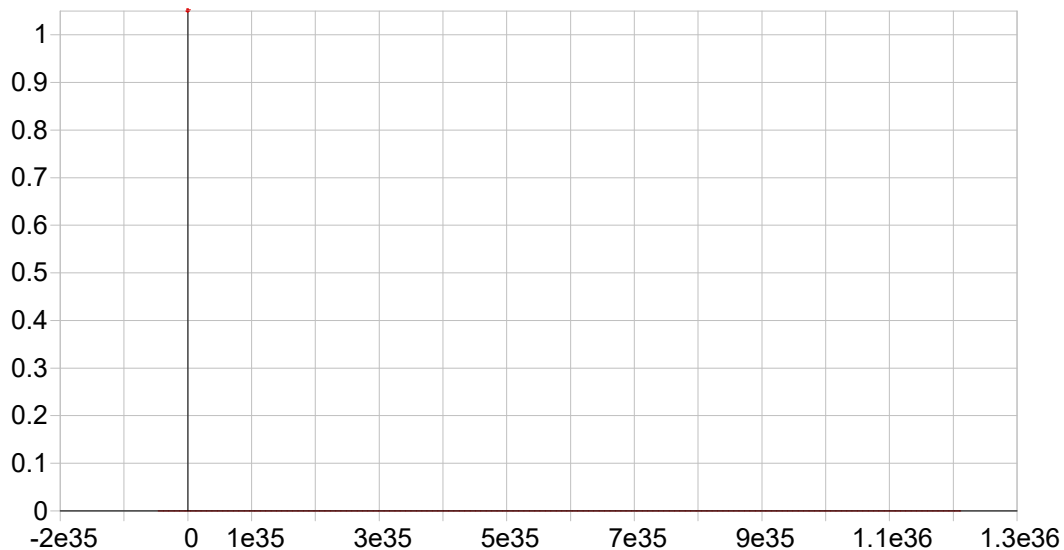


Li 670.784 { 50}

Date of Fit: 11/10/2024 15:55:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007423 Re-Slope: 1.000000  
 A1 (Gain): 1.563781 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999779 Status: OK.  
 Std Error of Est: 0.000676  
 Predicted MDL: 0.002153  
 Predicted MQL: 0.007176

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00742 | .007    | 1        |
| S5        | 10.000       | 10.176      | .176       | 1.76    | 15.920 | .011    | 1        |
| S4        | 5.0000       | 4.8834      | -.117      | -2.33   | 7.6440 | .009    | 1        |
| S3        | 2.5000       | 2.4935      | -.007      | -.261   | 3.9067 | .036    | 1        |
| S2        | 1.2500       | 1.1960      | -.054      | -4.32   | 1.8778 | .009    | 1        |
| S1        | .01500       | .01658      | .002       | 10.5    | .03335 | .002    | 1        |



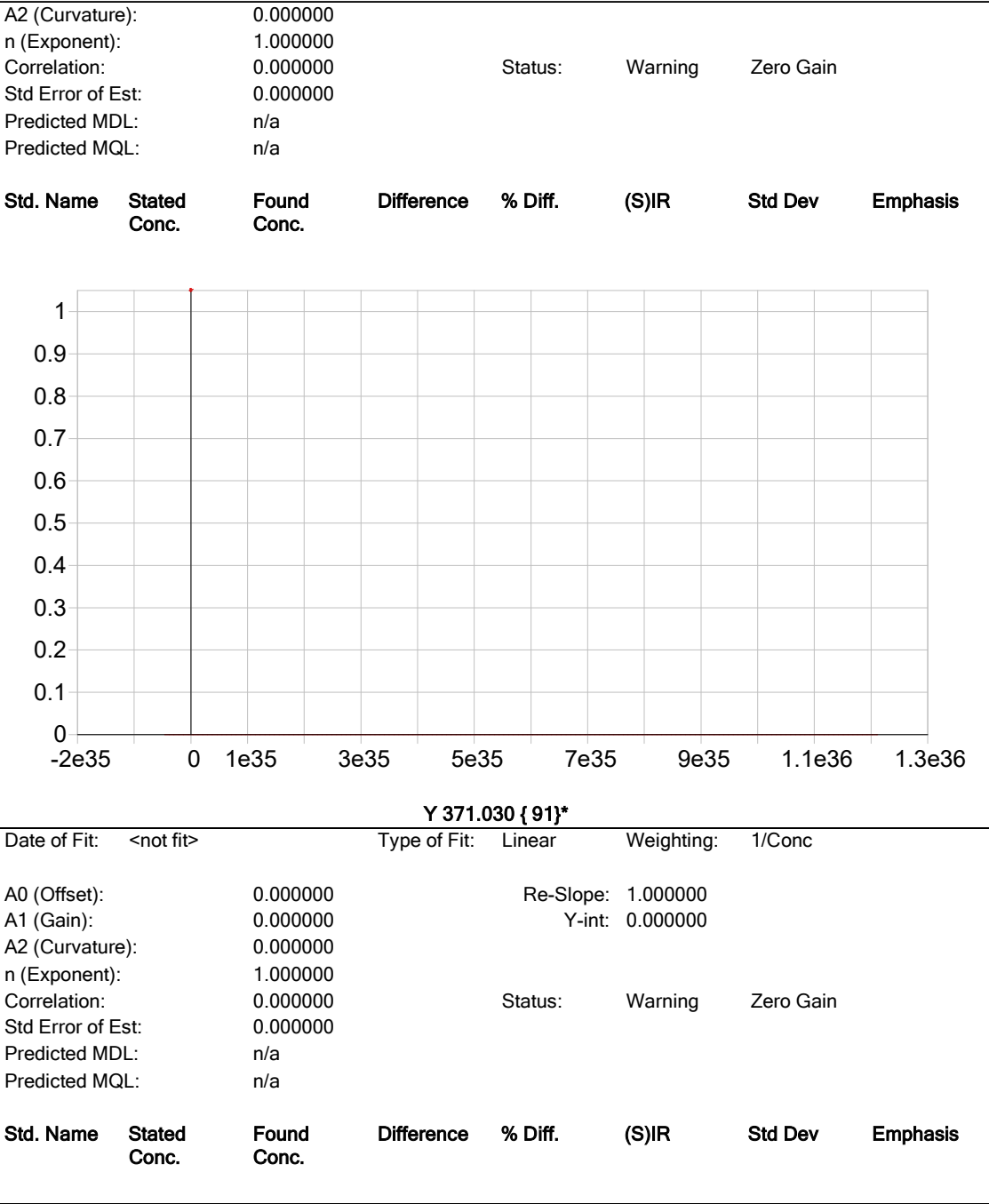
Y 224.306 {450}\*

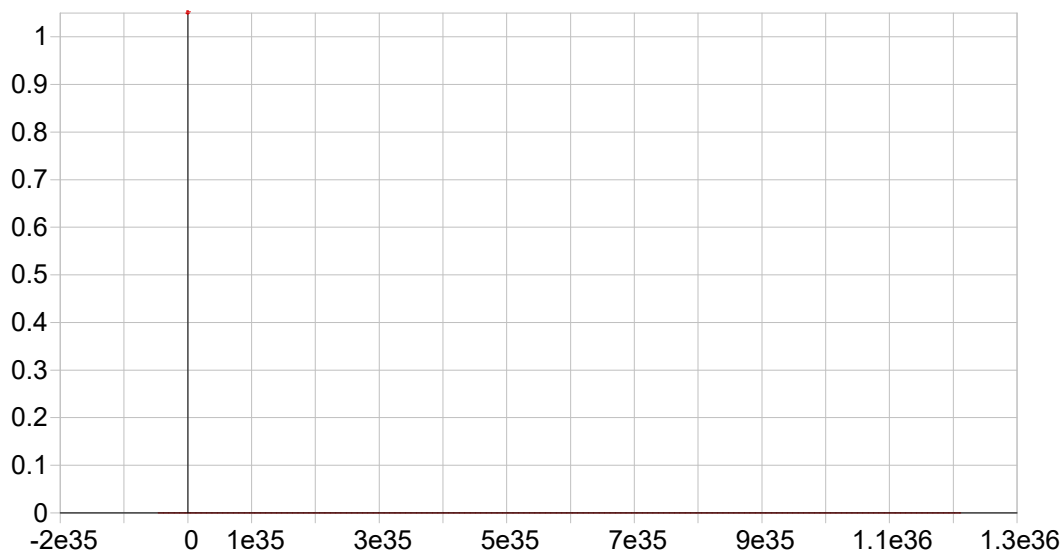
| Date of Fit:      | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc    |
|-------------------|-----------|--------------|-----------|------------|-----------|
| A0 (Offset):      | 0.000000  |              | Re-Slope: | 1.000000   |           |
| A1 (Gain):        | 0.000000  |         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

Y 360.073 { 94}\*

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



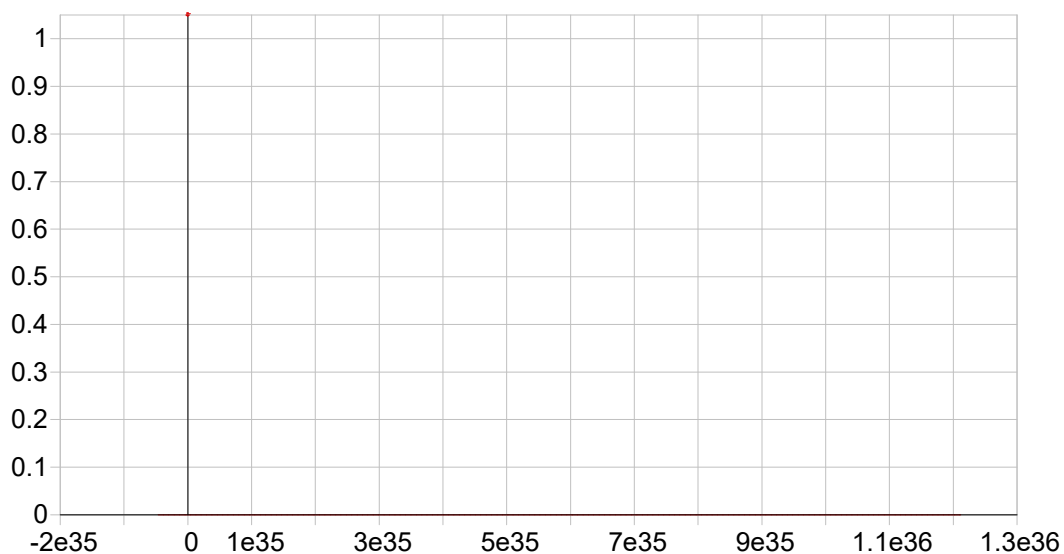




**Y 224.306 {150}\***

| 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}<sup>\*</sup>

| 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   |        |

