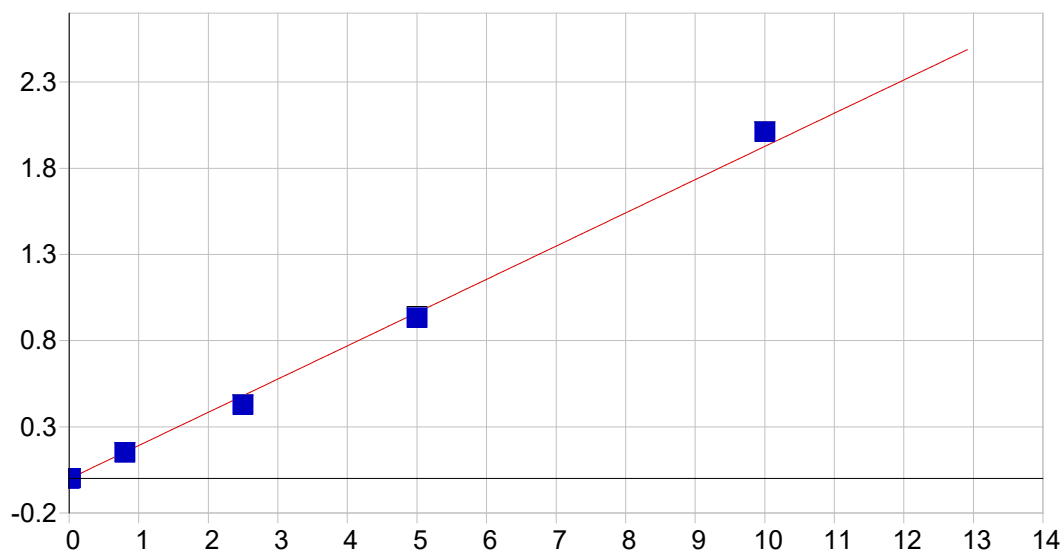


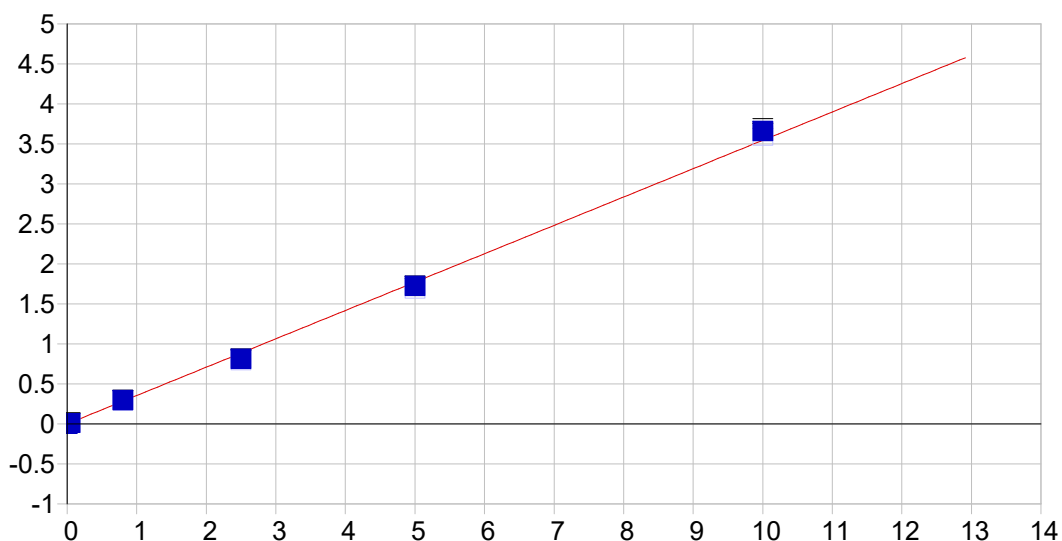


**As 189.042 {479}**

Date of Fit: 4/11/2024 18:09:45      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001083 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.192801  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.998526  | Status:   | OK.      |
| Std Error of Est: | 0.000246  |           |          |
| Predicted MDL:    | 0.002440  |           |          |
| Predicted MQL:    | 0.008132  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00108 | .000    | 1        |
| S1        | .02000       | .01899      | -.001      | -5.05   | .00259  | .000    | 1        |
| S3        | 2.5000       | 2.2256      | -.274      | -11.0   | .42795  | .001    | 1        |
| S4        | 5.0000       | 4.8468      | -.153      | -3.06   | .93325  | .006    | 1        |
| S5        | 10.000       | 10.438      | .438       | 4.38    | 2.0110  | .002    | 1        |
| S2        | .80000       | .79108      | -.009      | -1.12   | .15142  | .000    | 1        |

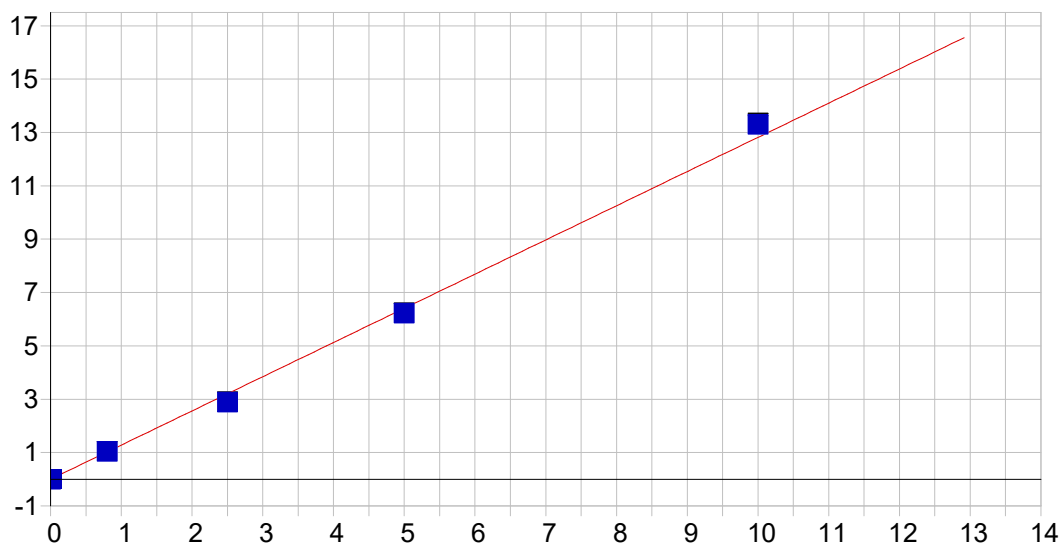


**TI 190.856 {477}**

Date of Fit: 4/11/2024 18:09:45      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000203 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.354483 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999041 | Status:   | OK.      |
| Std Error of Est: | 0.000507 |           |          |
| Predicted MDL:    | 0.001646 |           |          |
| Predicted MQL:    | 0.005488 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00020 | .001    | 1        |
| S1        | .04000       | .03861      | -.001      | -3.48   | .01303 | .000    | 1        |
| S3        | 2.5000       | 2.2862      | -.214      | -8.55   | .79628 | .002    | 1        |
| S4        | 5.0000       | 4.8590      | -.141      | -2.82   | 1.6940 | .002    | 1        |
| S5        | 10.000       | 10.325      | .325       | 3.25    | 3.6027 | .032    | 1        |
| S2        | .80000       | .83163      | .032       | 3.95    | .29041 | .001    | 1        |

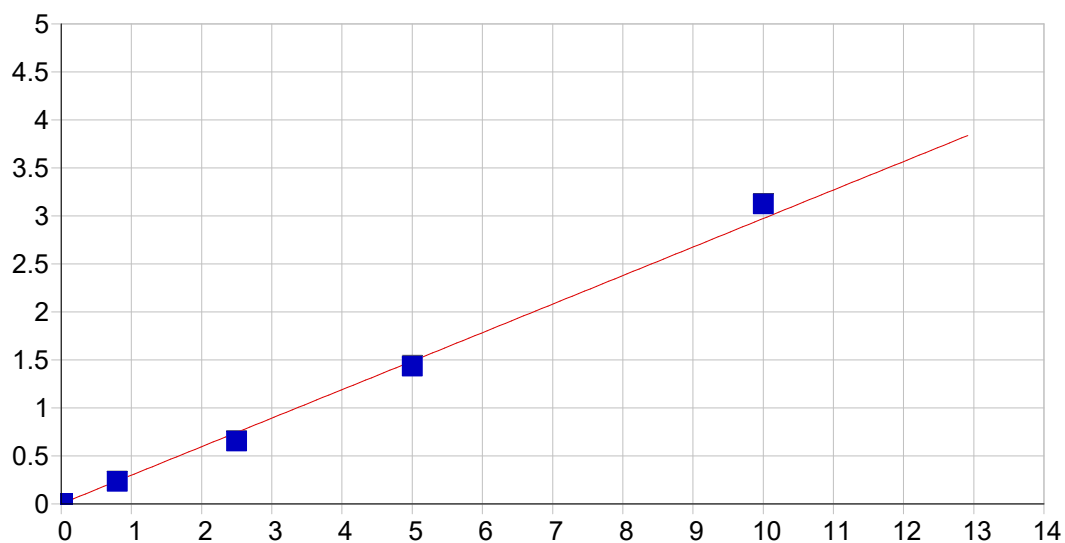


### Pb 220.353 {453}

Date of Fit: 4/11/2024 18:09:45      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001514 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.281952  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.998846  | Status:   | OK.      |
| Std Error of Est: | 0.001118  |           |          |
| Predicted MDL:    | 0.000988  |           |          |
| Predicted MQL:    | 0.003294  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00151 | .001    | 1        |
| S1        | .01200       | .01008      | -.002      | -16.0   | .01125  | .002    | 1        |
| S3        | 2.5000       | 2.2580      | -.242      | -9.68   | 2.8925  | .009    | 1        |
| S4        | 5.0000       | 4.8561      | -.144      | -2.88   | 6.2225  | .012    | 1        |
| S5        | 10.000       | 10.379      | .379       | 3.79    | 13.301  | .043    | 1        |
| S2        | .80000       | .80896      | .009       | 1.12    | 1.0353  | .002    | 1        |

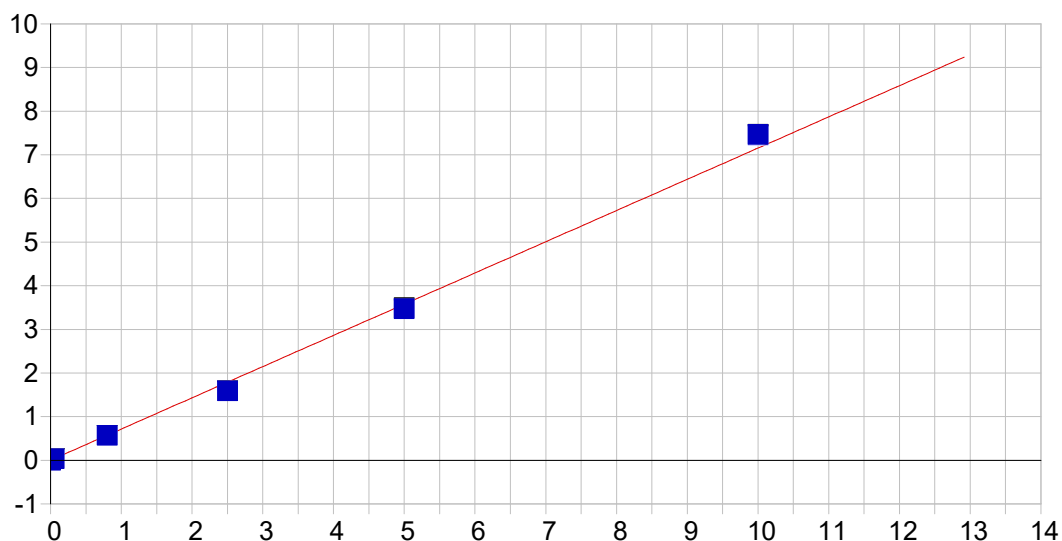


**Se 196.090 {472}**

Date of Fit: 4/11/2024 18:09:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001867 Re-Slope: 1.000000  
 A1 (Gain): 0.297046 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998073 Status: OK.  
 Std Error of Est: 0.000433  
 Predicted MDL: 0.002461  
 Predicted MQL: 0.008202

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00187 | .000    | 1        |
| S1        | .02000       | .01702      | -.003      | -14.9   | .00692 | .001    | 1        |
| S3        | 2.5000       | 2.1909      | -.309      | -12.4   | .65305 | .001    | 1        |
| S4        | 5.0000       | 4.8239      | -.176      | -3.52   | 1.4356 | .009    | 1        |
| S5        | 10.000       | 10.506      | .506       | 5.06    | 3.1242 | .007    | 1        |
| S2        | .80000       | .78202      | -.018      | -2.25   | .23429 | .001    | 1        |

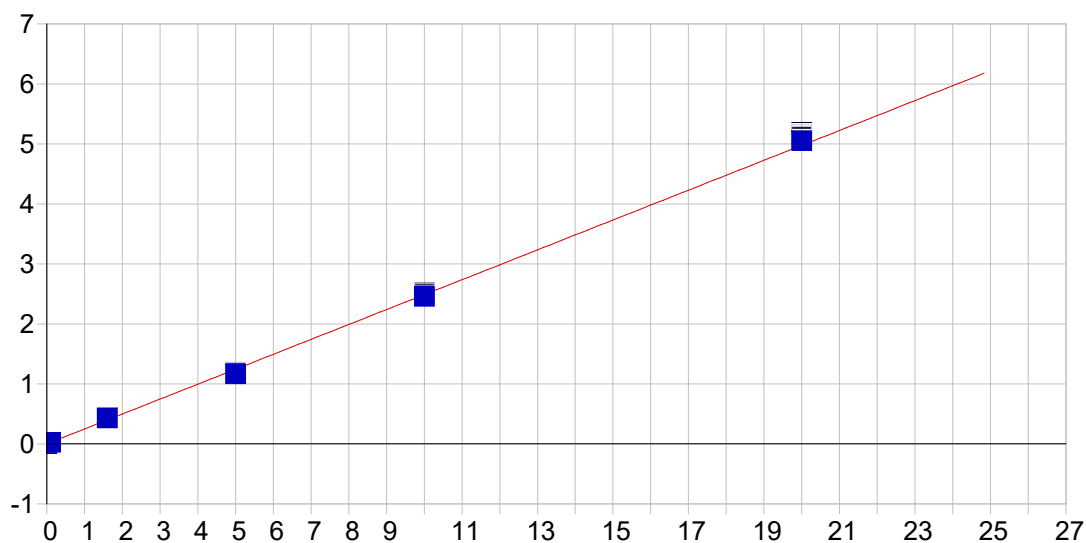


**Sb 206.833 {463}**

Date of Fit: 4/11/2024 18:09:45      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000637 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.715302 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.998526 | Status:   | OK.      |
| Std Error of Est: | 0.001437 |           |          |
| Predicted MDL:    | 0.001127 |           |          |
| Predicted MQL:    | 0.003756 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00064 | .002    | 1        |
| S1        | .05000       | .04621      | -.004      | -7.58   | .03360 | .000    | 1        |
| S3        | 2.5000       | 2.2221      | -.278      | -11.1   | 1.5850 | .004    | 1        |
| S4        | 5.0000       | 4.8562      | -.144      | -2.88   | 3.4641 | .020    | 1        |
| S5        | 10.000       | 10.431      | .431       | 4.31    | 7.4413 | .011    | 1        |
| S2        | .80000       | .79472      | -.005      | -.661   | .56746 | .001    | 1        |

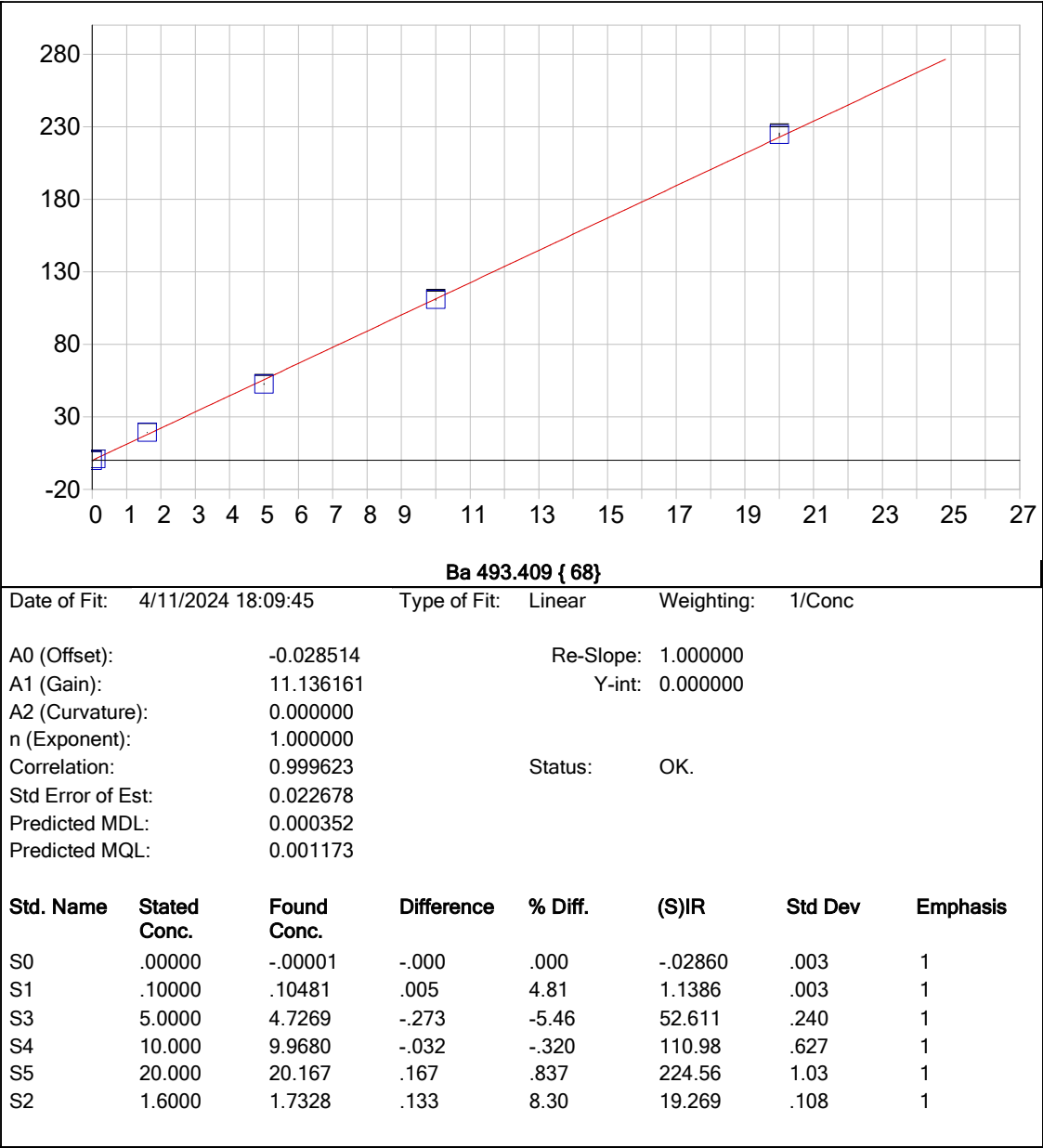


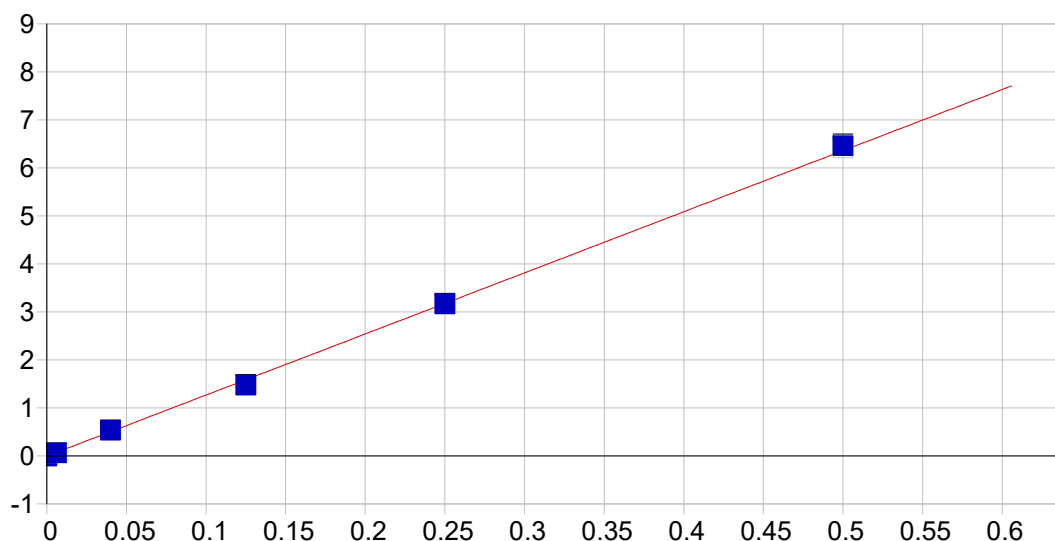
AI 396.152 { 85}

Date of Fit: 4/11/2024 18:09:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000471 Re-Slope: 1.000000  
 A1 (Gain): 0.248743 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999523 Status: OK.  
 Std Error of Est: 0.000581  
 Predicted MDL: 0.006005  
 Predicted MQL: 0.020015

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00047 | .001    | 1        |
| S1        | .10000       | .10307      | .003       | 3.07    | .02801 | .001    | 1        |
| S3        | 5.0000       | 4.6865      | -.314      | -6.27   | 1.1912 | .001    | 1        |
| S4        | 10.000       | 9.8716      | -.128      | -1.28   | 2.5060 | .010    | 1        |
| S5        | 20.000       | 20.311      | .311       | 1.55    | 5.1527 | .041    | 1        |
| S2        | 1.6000       | 1.7280      | .128       | 8.00    | .43830 | .001    | 1        |



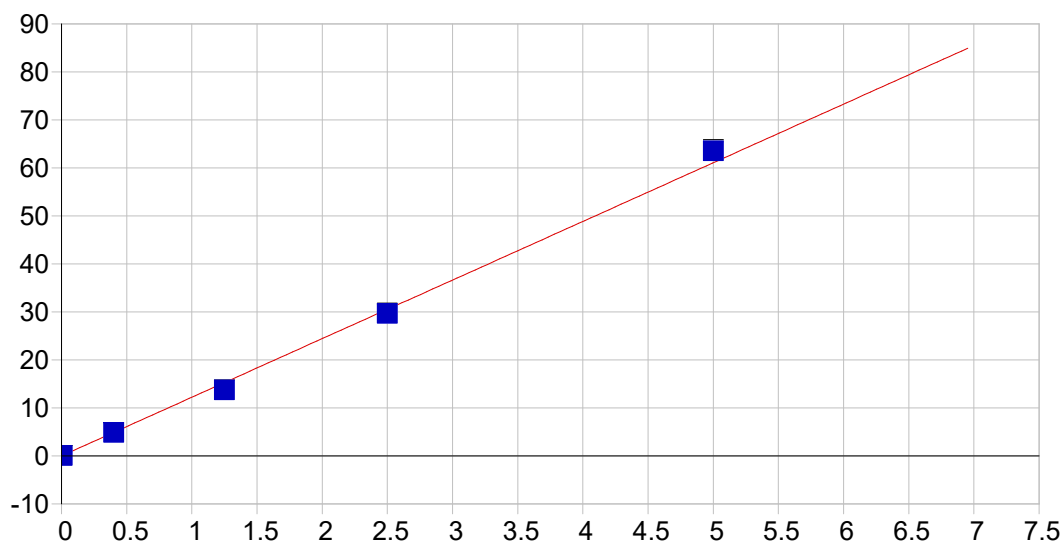


### Be 234.861 {144}

Date of Fit: 4/11/2024 18:09:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004902 Re-Slope: 1.000000  
 A1 (Gain): 12.729869 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999461 Status: OK.  
 Std Error of Est: 0.001194  
 Predicted MDL: 0.000053  
 Predicted MQL: 0.000178

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00489 | .000    | 1        |
| S1        | .00600       | .00522      | -.001      | -13.0   | .06063  | .001    | 1        |
| S3        | .12500       | .11625      | -.009      | -7.00   | 1.4630  | .012    | 1        |
| S4        | .25000       | .24921      | -.001      | -.317   | 3.1436  | .015    | 1        |
| S5        | .50000       | .50803      | .008       | 1.61    | 6.4144  | .039    | 1        |
| S2        | .04000       | .04229      | .002       | 5.74    | .52968  | .005    | 1        |

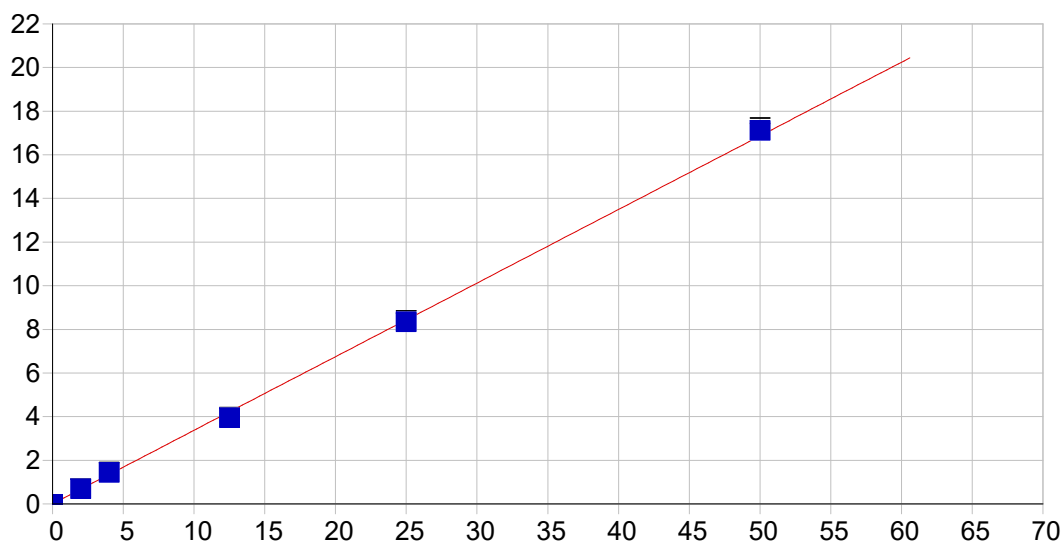


**Cd 226.502 {449}**

Date of Fit: 4/11/2024 18:09:45      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001882 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 12.214117 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.998731  | Status:   | OK.      |
| Std Error of Est: | 0.005594  |           |          |
| Predicted MDL:    | 0.000073  |           |          |
| Predicted MQL:    | 0.000242  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00188 | .001    | 1        |
| S1        | .00600       | .00616      | .000       | 2.60    | .07371  | .000    | 1        |
| S3        | 1.2500       | 1.1223      | -.128      | -10.2   | 13.722  | .015    | 1        |
| S4        | 2.5000       | 2.4266      | -.073      | -2.94   | 29.667  | .093    | 1        |
| S5        | 5.0000       | 5.2016      | .202       | 4.03    | 63.592  | .207    | 1        |
| S2        | .40000       | .39939      | -.001      | -.153   | 4.8812  | .004    | 1        |

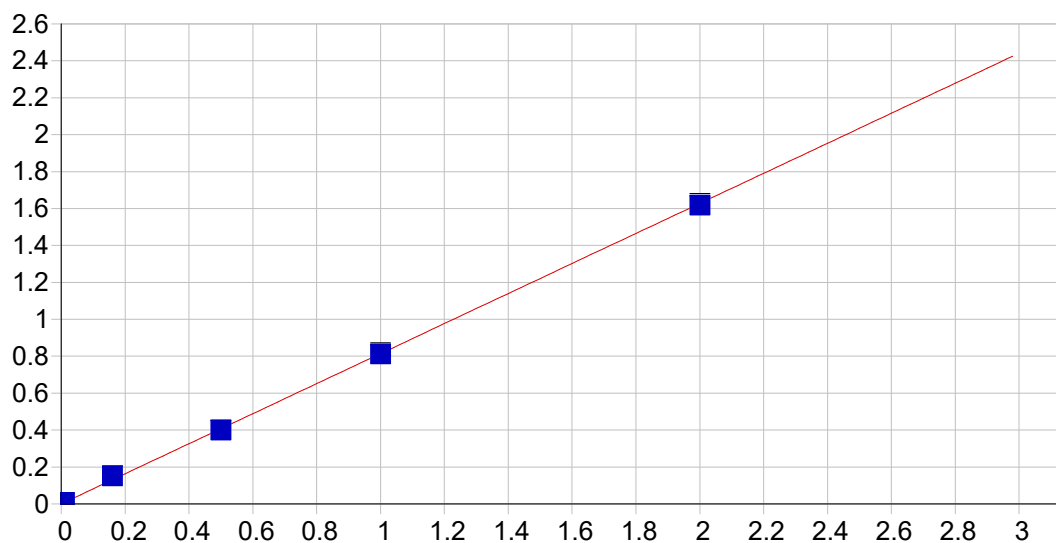


Ca 373.690 { 90}

Date of Fit: 4/11/2024 18:09:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001333 Re-Slope: 1.000000  
 A1 (Gain): 0.337335 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999558 Status: OK.  
 Std Error of Est: 0.005297  
 Predicted MDL: 0.005092  
 Predicted MQL: 0.016973

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00004     | -.000      | .000    | .00132 | .001    | 1        |
| S2        | 4.0000       | 4.2655      | .265       | 6.64    | 1.4382 | .011    | 1        |
| S3        | 12.500       | 11.706      | -.794      | -6.35   | 3.9438 | .023    | 1        |
| S4        | 25.000       | 24.747      | -.253      | -1.01   | 8.3365 | .058    | 1        |
| S5        | 50.000       | 50.754      | .754       | 1.51    | 17.097 | .122    | 1        |
| S1        | 2.0000       | 2.0274      | .027       | 1.37    | .68500 | .004    | 1        |

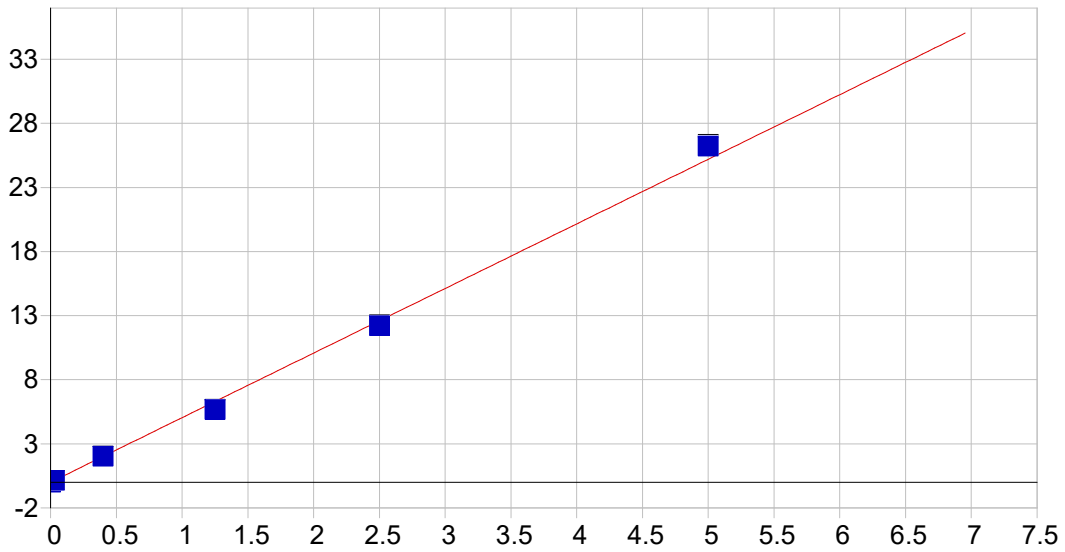


**Cr 267.716 {126}**

Date of Fit: 4/11/2024 18:09:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000447 Re-Slope: 1.000000  
 A1 (Gain): 0.813698 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999421 Status: OK.  
 Std Error of Est: 0.000206  
 Predicted MDL: 0.000269  
 Predicted MQL: 0.000898

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00045 | .000    | 1        |
| S1        | .01000       | .01093      | .001       | 9.33    | .00937 | .000    | 1        |
| S3        | .50000       | .48999      | -.010      | -2.00   | .39986 | .001    | 1        |
| S4        | 1.0000       | .99649      | -.004      | -.351   | .81271 | .006    | 1        |
| S5        | 2.0000       | 1.9876      | -.012      | -.618   | 1.6206 | .008    | 1        |
| S2        | .16000       | .18495      | .025       | 15.6    | .15117 | .001    | 1        |

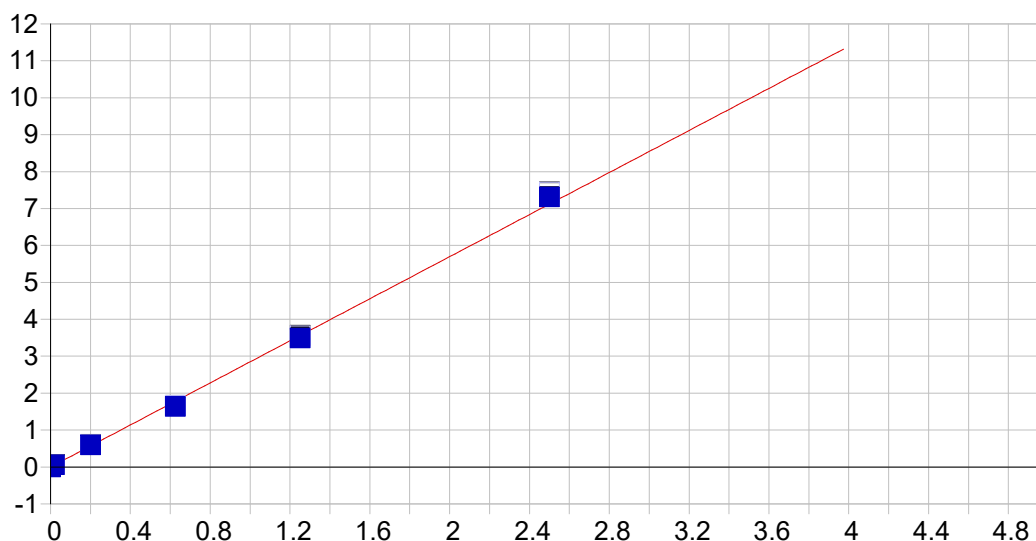


Co 228.616 {448}

Date of Fit: 4/11/2024 18:09:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000450 Re-Slope: 1.000000  
 A1 (Gain): 5.040592 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998724 Status: OK.  
 Std Error of Est: 0.005188  
 Predicted MDL: 0.000158  
 Predicted MQL: 0.000527

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00042 | .001    | 1        |
| S1        | .03000       | .02688      | -.003      | -10.4   | .13462  | .001    | 1        |
| S3        | 1.2500       | 1.1240      | -.126      | -10.1   | 5.6788  | .013    | 1        |
| S4        | 2.5000       | 2.4240      | -.076      | -3.04   | 12.246  | .036    | 1        |
| S5        | 5.0000       | 5.2026      | .203       | 4.05    | 26.279  | .080    | 1        |
| S2        | .40000       | .40257      | .003       | .642    | 2.0332  | .003    | 1        |

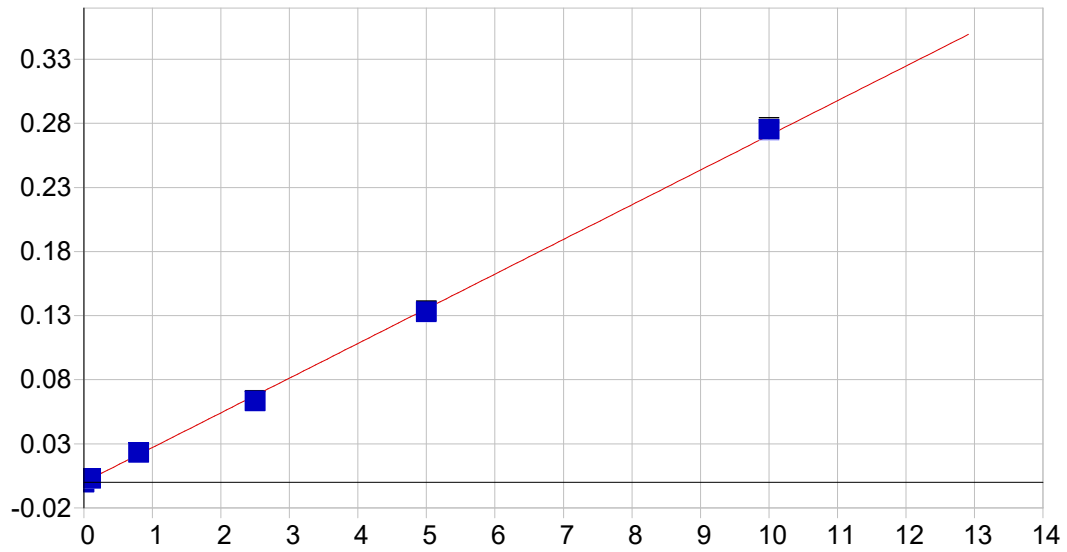


**Cu 224.700 {450}**

Date of Fit: 4/11/2024 18:09:45      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001234 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.848538  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999266  | Status:   | OK.      |
| Std Error of Est: | 0.001305  |           |          |
| Predicted MDL:    | 0.000340  |           |          |
| Predicted MQL:    | 0.001134  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00123 | .001    | 1        |
| S1        | .02000       | .01990      | -.000      | -.481   | .05641  | .001    | 1        |
| S3        | .62500       | .57398      | -.051      | -8.16   | 1.6665  | .002    | 1        |
| S4        | 1.2500       | 1.2241      | -.026      | -2.07   | 3.5510  | .019    | 1        |
| S5        | 2.5000       | 2.5670      | .067       | 2.68    | 7.4418  | .009    | 1        |
| S2        | .20000       | .21008      | .010       | 5.04    | .60766  | .001    | 1        |

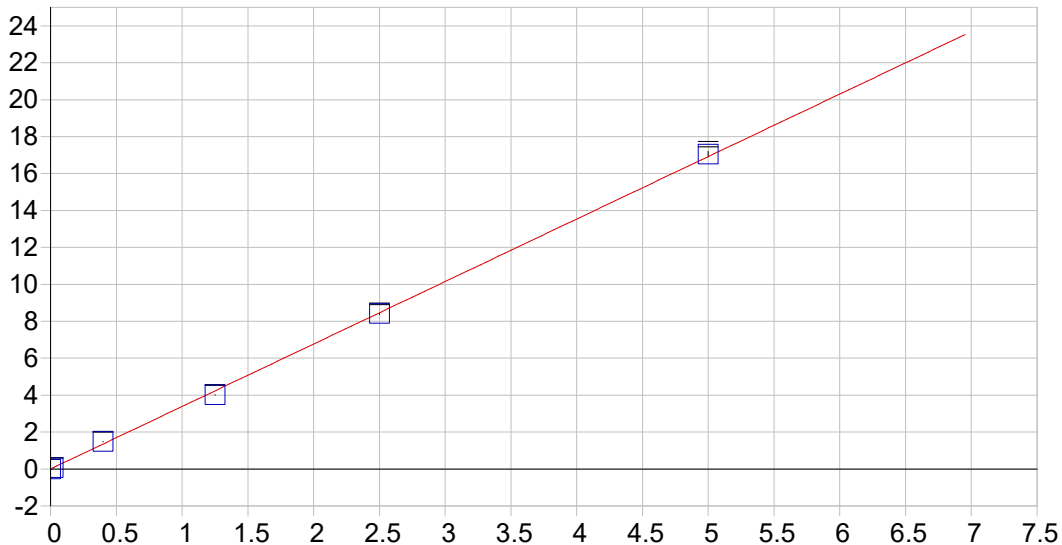


**Fe 240.488 {140}**

Date of Fit: 4/11/2024 18:09:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000066 Re-Slope: 1.000000  
A1 (Gain): 0.027058 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999494 Status: OK.  
Std Error of Est: 0.000045  
Predicted MDL: 0.004258  
Predicted MQL: 0.014192

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00007 | .000    | 1        |
| S1        | .10000       | .10659      | .007       | 6.59    | .00294 | .000    | 1        |
| S3        | 2.5000       | 2.3422      | -.158      | -6.31   | .06317 | .000    | 1        |
| S4        | 5.0000       | 4.9188      | -.081      | -1.62   | .13262 | .001    | 1        |
| S5        | 10.000       | 10.179      | .179       | 1.79    | .27441 | .001    | 1        |
| S2        | .80000       | .85354      | .054       | 6.69    | .02307 | .000    | 1        |

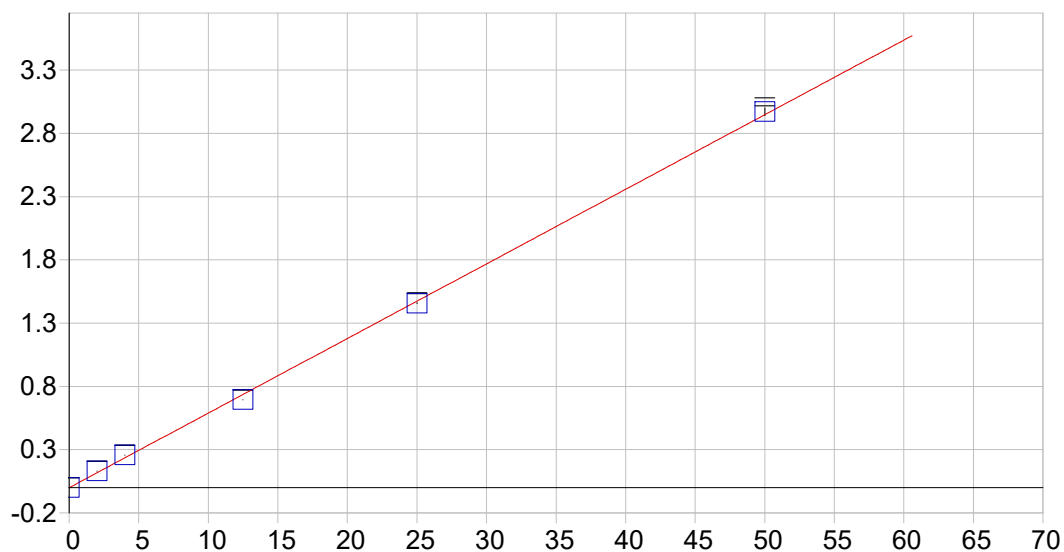


**Mn 257.610 {131}**

Date of Fit: 4/11/2024 18:09:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000247 Re-Slope: 1.000000  
 A1 (Gain): 3.384003 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999600 Status: OK.  
 Std Error of Est: 0.001587  
 Predicted MDL: 0.000175  
 Predicted MQL: 0.000584

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00025 | .001    | 1        |
| S1        | .02000       | .02077      | .001       | 3.83    | .07003  | .001    | 1        |
| S3        | 1.2500       | 1.1860      | -.064      | -5.12   | 4.0131  | .011    | 1        |
| S4        | 2.5000       | 2.4854      | -.015      | -.584   | 8.4104  | .040    | 1        |
| S5        | 5.0000       | 5.0397      | .040       | .795    | 17.054  | .142    | 1        |
| S2        | .40000       | .43812      | .038       | 9.53    | 1.4823  | .012    | 1        |

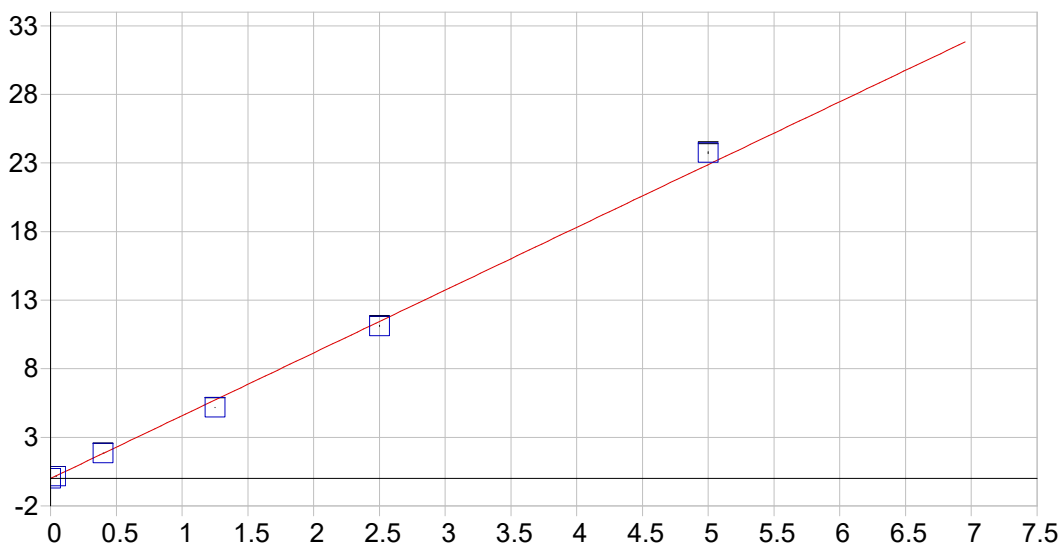


### Mg 279.079 {121}

Date of Fit: 4/11/2024 18:09:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000644 Re-Slope: 1.000000  
 A1 (Gain): 0.058962 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999440 Status: OK.  
 Std Error of Est: 0.001044  
 Predicted MDL: 0.011521  
 Predicted MQL: 0.038405

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00028     | -.000      | .000    | -.00066 | .000    | 1        |
| S2        | 4.0000       | 4.3646      | .365       | 9.11    | .25670  | .002    | 1        |
| S3        | 12.500       | 11.789      | -.711      | -5.69   | .69446  | .001    | 1        |
| S4        | 25.000       | 24.723      | -.277      | -1.11   | 1.4571  | .004    | 1        |
| S5        | 50.000       | 50.401      | .401       | .803    | 2.9711  | .031    | 1        |
| S1        | 2.0000       | 2.2220      | .222       | 11.1    | .13037  | .001    | 1        |

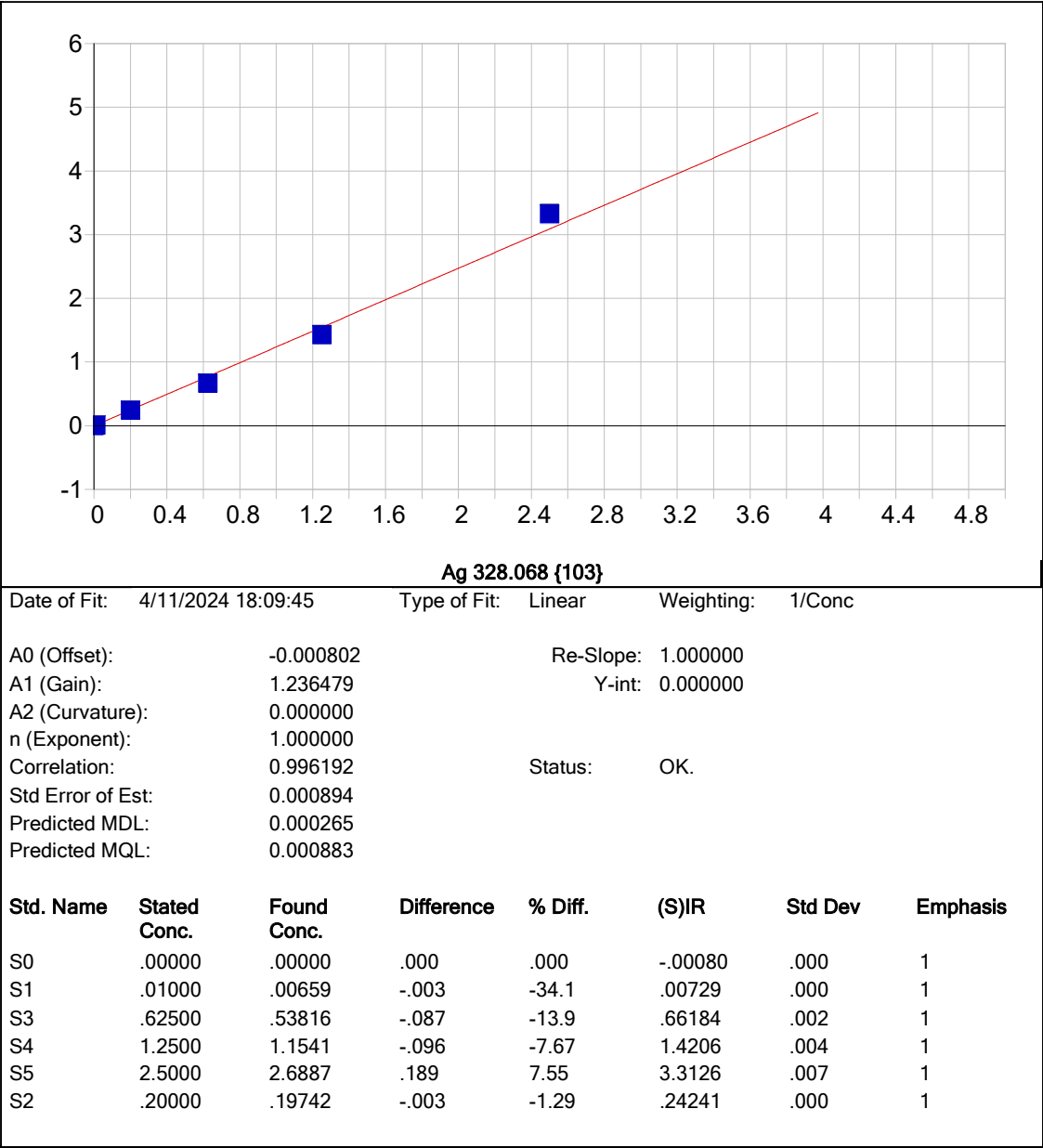


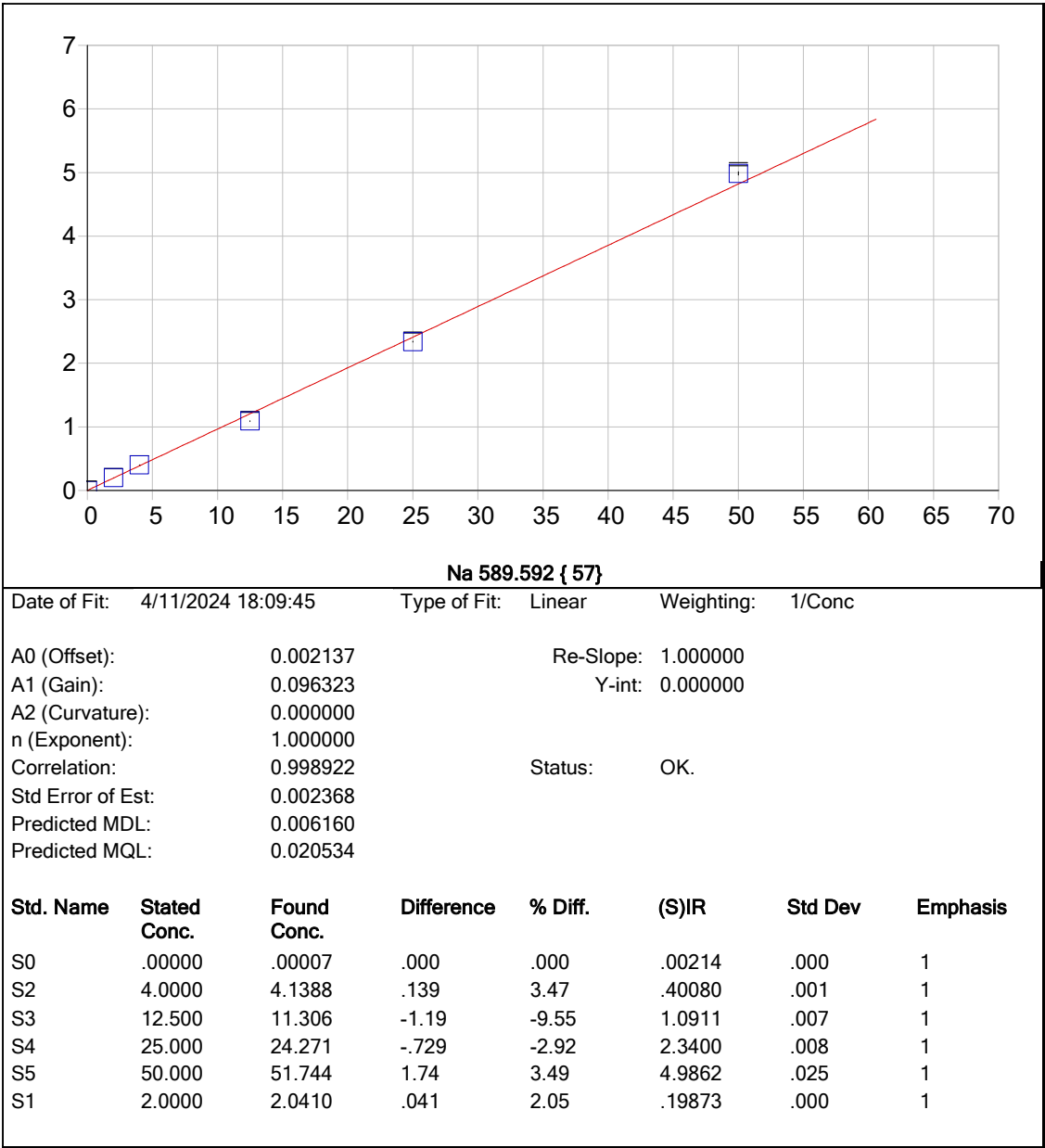
**Ni 231.604 {446}**

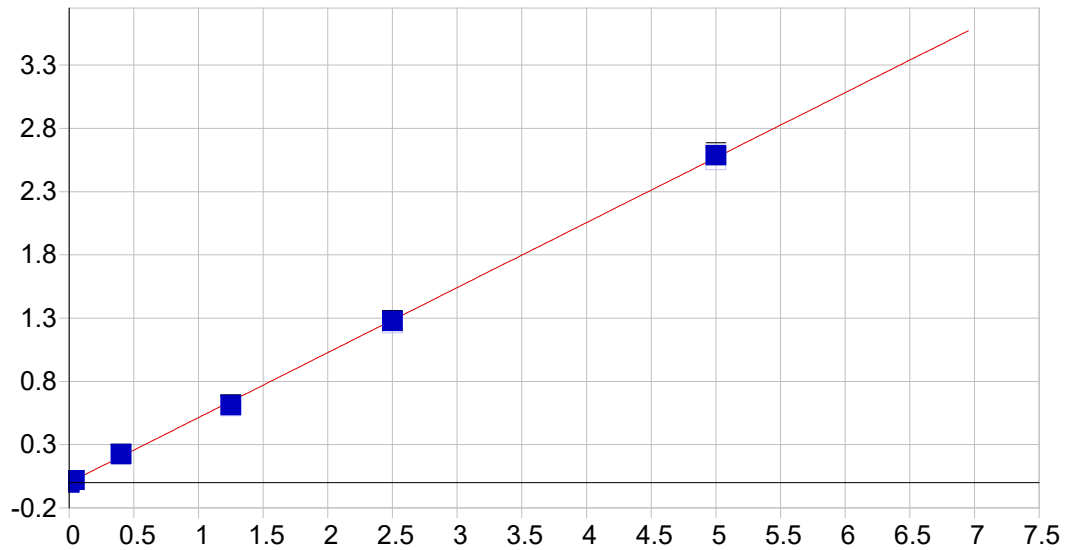
Date of Fit: 4/11/2024 18:09:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003053 Re-Slope: 1.000000  
 A1 (Gain): 4.578509 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998866 Status: OK.  
 Std Error of Est: 0.005120  
 Predicted MDL: 0.000212  
 Predicted MQL: 0.000707

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00302 | .000    | 1        |
| S1        | .04000       | .03620      | -.004      | -9.50   | .16269  | .000    | 1        |
| S3        | 1.2500       | 1.1314      | -.119      | -9.49   | 5.1772  | .004    | 1        |
| S4        | 2.5000       | 2.4283      | -.072      | -2.87   | 11.115  | .036    | 1        |
| S5        | 5.0000       | 5.1889      | .189       | 3.78    | 23.754  | .078    | 1        |
| S2        | .40000       | .40519      | .005       | 1.30    | 1.8521  | .003    | 1        |





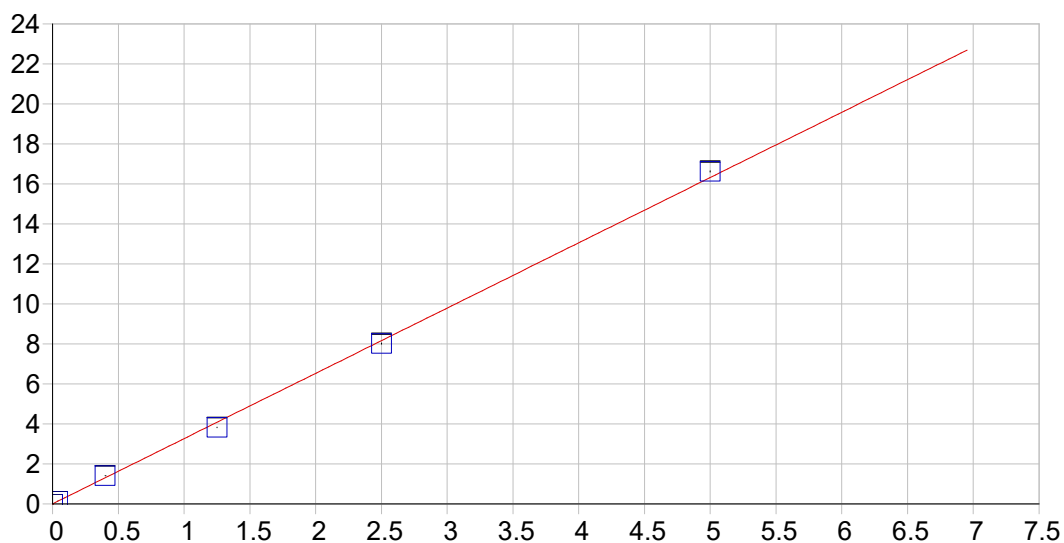


**V 292.402 {115}**

Date of Fit: 4/11/2024 18:09:45      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000099 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.513690 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999651 | Status:   | OK.      |
| Std Error of Est: | 0.000314 |           |          |
| Predicted MDL:    | 0.001369 |           |          |
| Predicted MQL:    | 0.004564 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00010 | .001    | 1        |
| S1        | .04000       | .04059      | .001       | 1.48    | .02021 | .000    | 1        |
| S3        | 1.2500       | 1.1926      | -.057      | -4.59   | .60353 | .002    | 1        |
| S4        | 2.5000       | 2.4856      | -.014      | -.575   | 1.2585 | .005    | 1        |
| S5        | 5.0000       | 5.0350      | .035       | .701    | 2.5497 | .021    | 1        |
| S2        | .40000       | .43612      | .036       | 9.03    | .22118 | .002    | 1        |

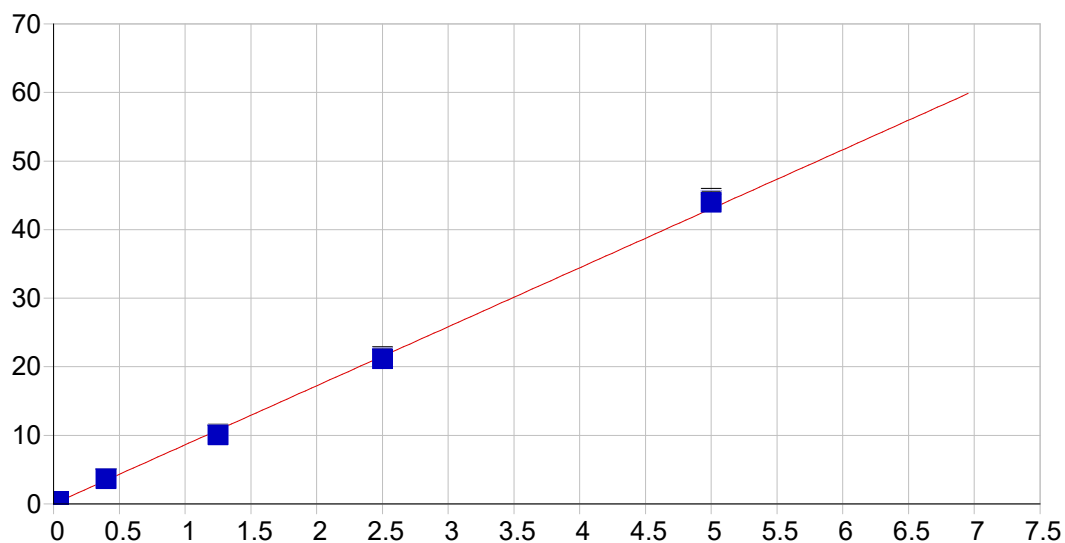


**Zn 206.200 {464}**

Date of Fit: 4/11/2024 18:09:45      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001415 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.263416 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999465 | Status:   | OK.      |
| Std Error of Est: | 0.002506 |           |          |
| Predicted MDL:    | 0.000184 |           |          |
| Predicted MQL:    | 0.000615 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00141 | .000    | 1        |
| S1        | .04000       | .04133      | .001       | 3.32    | .13628 | .001    | 1        |
| S3        | 1.2500       | 1.1707      | -.079      | -6.35   | 3.8218 | .013    | 1        |
| S4        | 2.5000       | 2.4546      | -.045      | -1.82   | 8.0117 | .034    | 1        |
| S5        | 5.0000       | 5.0939      | .094       | 1.88    | 16.625 | .038    | 1        |
| S2        | .40000       | .42949      | .029       | 7.37    | 1.4030 | .001    | 1        |

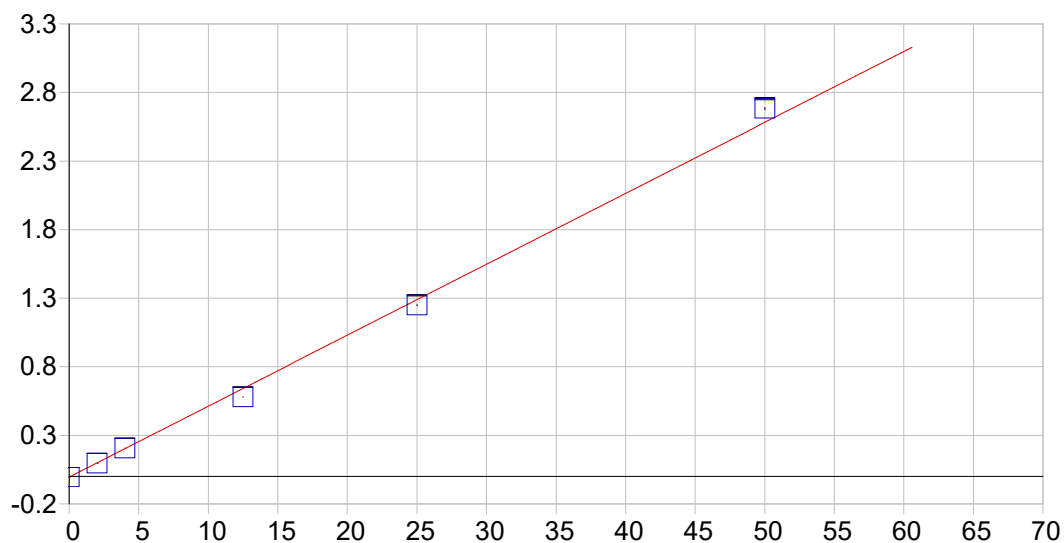


**Zn 213.856 {158}**

Date of Fit: 4/11/2024 18:09:45      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.011284 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 8.606582 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999435 | Status:   | OK.      |
| Std Error of Est: | 0.006844 |           |          |
| Predicted MDL:    | 0.000230 |           |          |
| Predicted MQL:    | 0.000768 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .01127 | .000    | 1        |
| S1        | .04000       | .04152      | .002       | 3.79    | .37117 | .002    | 1        |
| S3        | 1.2500       | 1.1623      | -.088      | -7.02   | 10.094 | .067    | 1        |
| S4        | 2.5000       | 2.4561      | -.044      | -1.76   | 21.310 | .161    | 1        |
| S5        | 5.0000       | 5.1078      | .108       | 2.16    | 44.291 | .256    | 1        |
| S2        | .40000       | .42230      | .022       | 5.57    | 3.6713 | .014    | 1        |

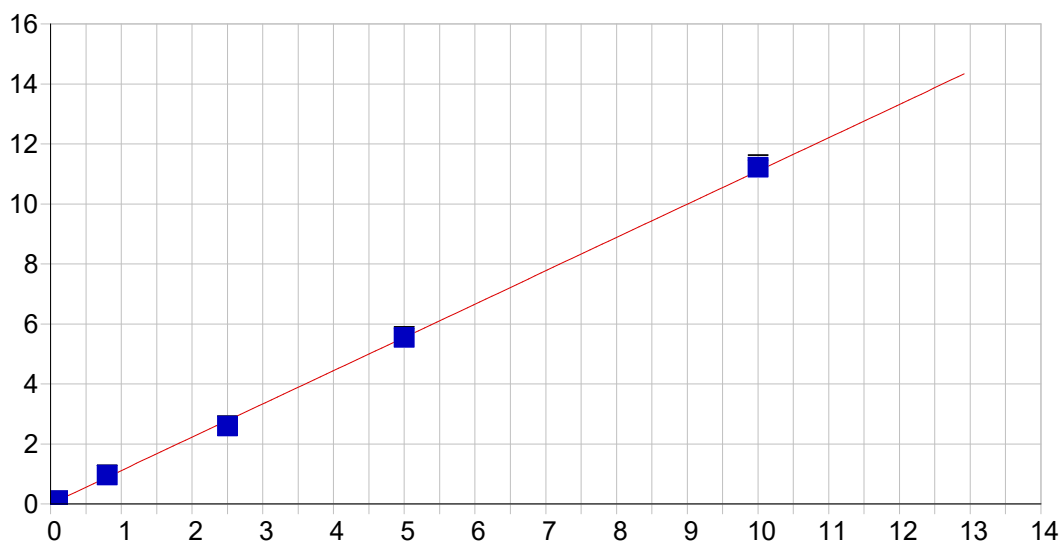


K 766.490 { 44 }

Date of Fit: 4/11/2024 18:09:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003961 Re-Slope: 1.000000  
 A1 (Gain): 0.051709 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998799 Status: OK.  
 Std Error of Est: 0.001342  
 Predicted MDL: 0.016002  
 Predicted MQL: 0.053340

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00020      | .000       | .000    | -.00395 | .001    | 1        |
| S2        | 4.0000       | 4.0787      | .079       | 1.97    | .20694  | .000    | 1        |
| S3        | 12.500       | 11.272      | -1.23      | -9.83   | .57889  | .003    | 1        |
| S4        | 25.000       | 24.238      | -.762      | -3.05   | 1.2493  | .005    | 1        |
| S5        | 50.000       | 51.971      | 1.97       | 3.94    | 2.6834  | .008    | 1        |
| S1        | 2.0000       | 1.9414      | -.059      | -2.93   | .09643  | .000    | 1        |

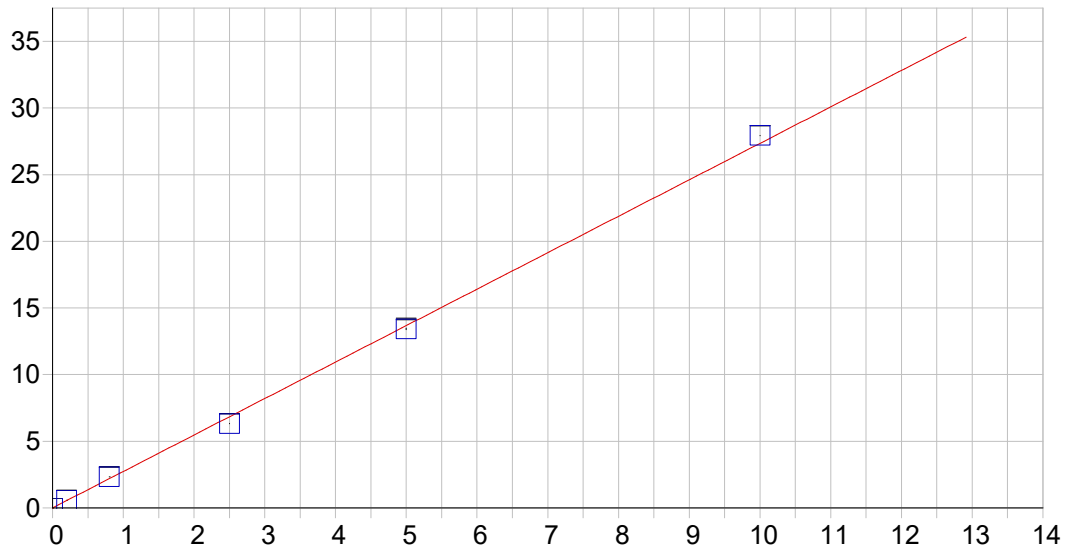


**B 249.678 {135}**

Date of Fit: 4/11/2024 18:09:45      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.003077 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.109589 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999557 | Status:   | OK.      |
| Std Error of Est: | 0.001732 |           |          |
| Predicted MDL:    | 0.000655 |           |          |
| Predicted MQL:    | 0.002185 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00308 | .001    | 1        |
| S1        | .10000       | .09772      | -.002      | -2.28   | .11089 | .001    | 1        |
| S3        | 2.5000       | 2.3365      | -.163      | -6.54   | 2.5899 | .012    | 1        |
| S4        | 5.0000       | 4.9965      | -.004      | -.070   | 5.5356 | .029    | 1        |
| S5        | 10.000       | 10.111      | .111       | 1.11    | 11.199 | .085    | 1        |
| S2        | .80000       | .85856      | .059       | 7.32    | .95389 | .006    | 1        |

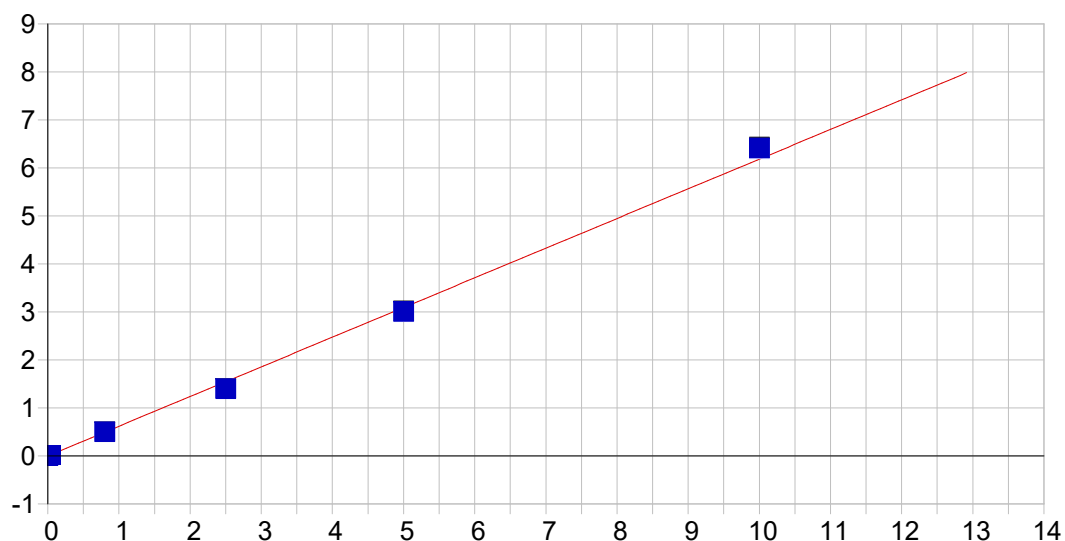


Mo 202.030 {467}

Date of Fit: 4/11/2024 18:09:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000273 Re-Slope: 1.000000  
 A1 (Gain): 2.735103 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999328 Status: OK.  
 Std Error of Est: 0.007469  
 Predicted MDL: 0.000229  
 Predicted MQL: 0.000763

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00024 | .000    | 1        |
| S1        | .20000       | .21411      | .014       | 7.05    | .58588 | .000    | 1        |
| S3        | 2.5000       | 2.3106      | -.189      | -7.58   | 6.3199 | .013    | 1        |
| S4        | 5.0000       | 4.9099      | -.090      | -1.80   | 13.429 | .065    | 1        |
| S5        | 10.000       | 10.214      | .214       | 2.14    | 27.936 | .019    | 1        |
| S2        | .80000       | .85175      | .052       | 6.47    | 2.3299 | .005    | 1        |

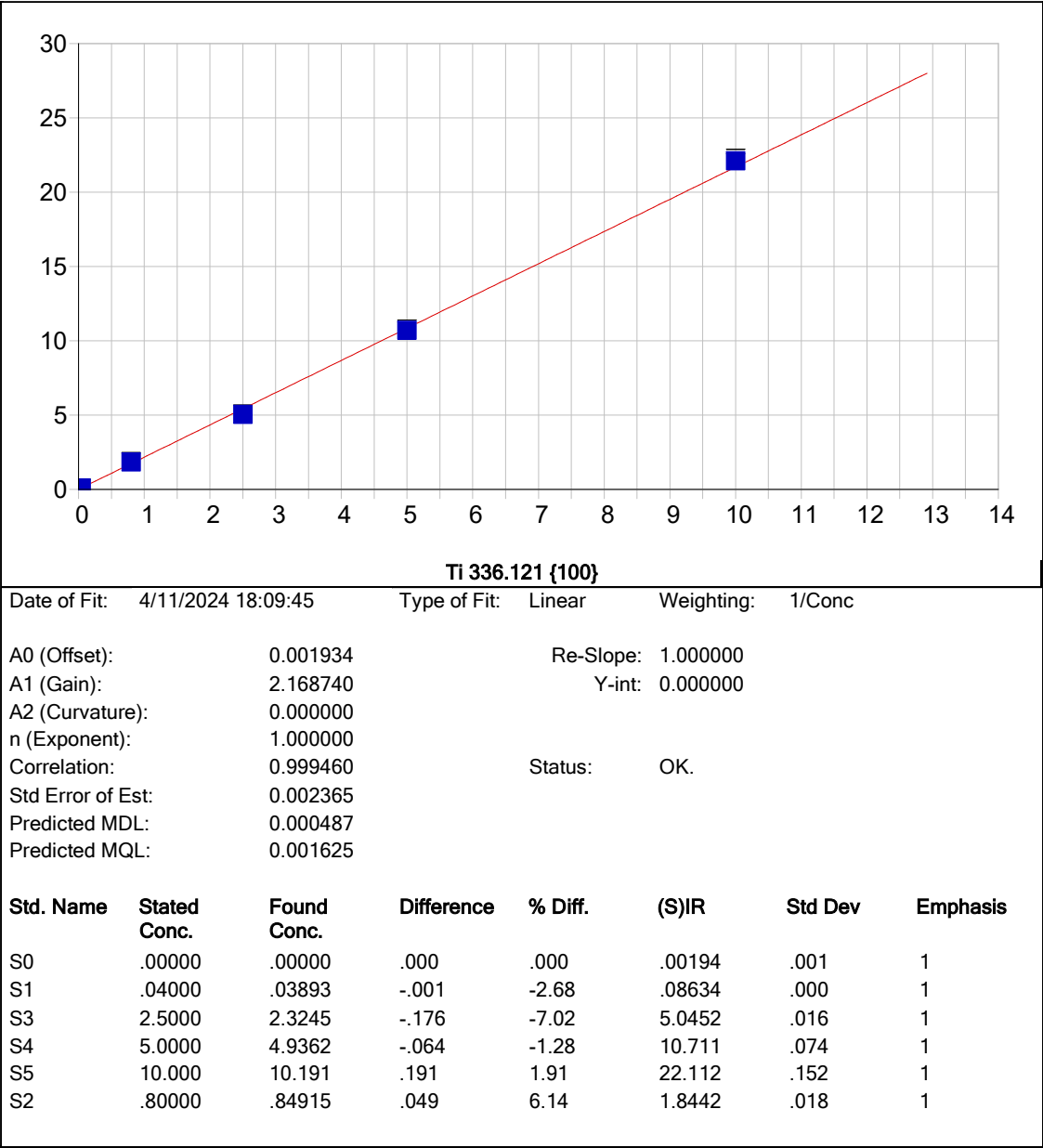


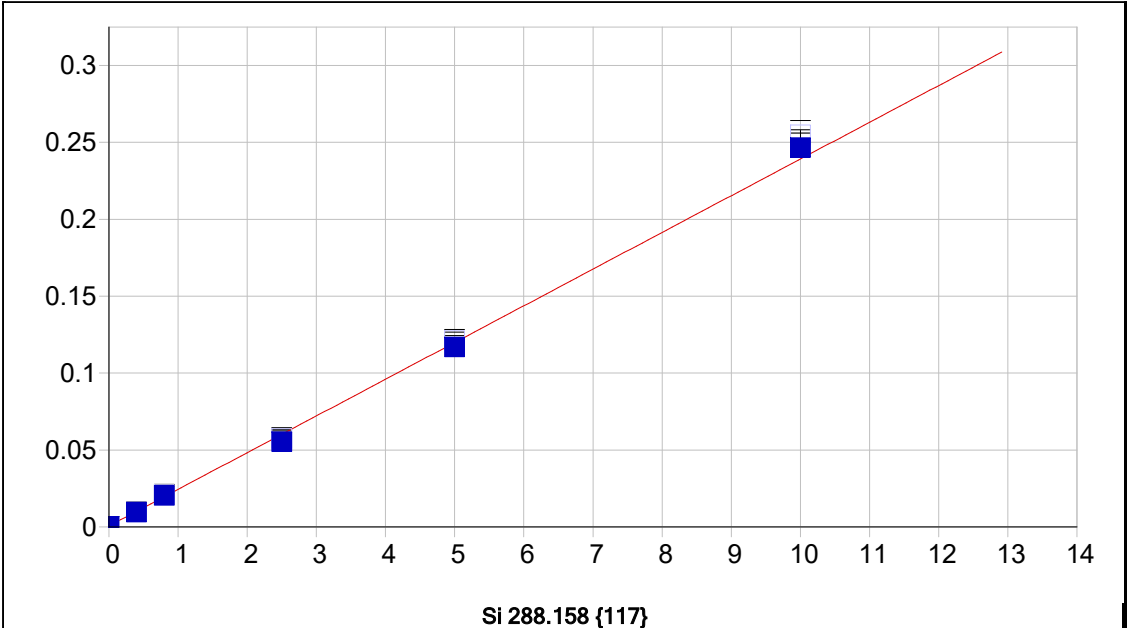
**Sn 189.989 {478}**

Date of Fit: 4/11/2024 18:09:45      Type of Fit: Linear      Weighting: 1/Conc

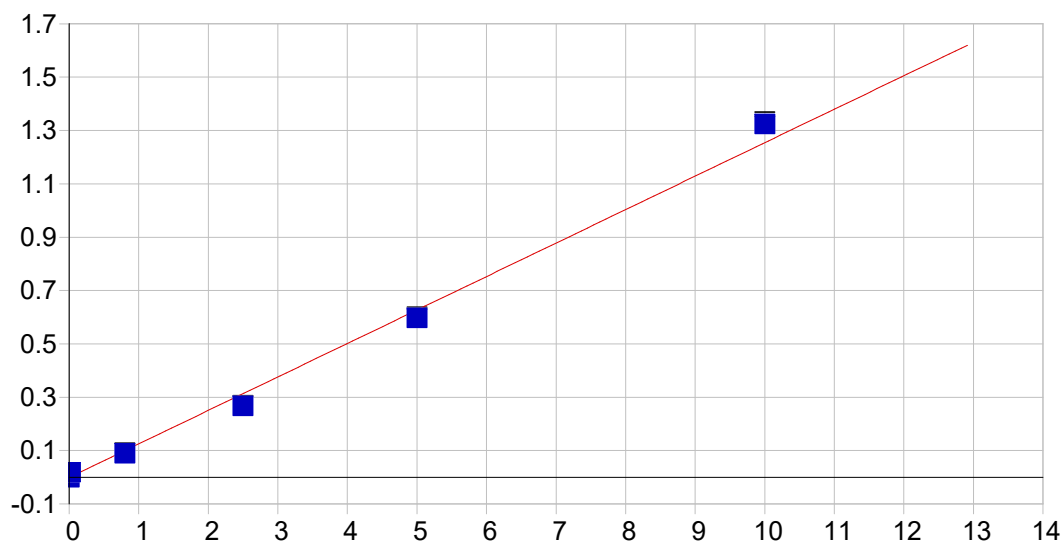
|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000283 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.618221 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.998882 | Status:   | OK.      |
| Std Error of Est: | 0.000967 |           |          |
| Predicted MDL:    | 0.000696 |           |          |
| Predicted MQL:    | 0.002319 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00029 | .000    | 1        |
| S1        | .04000       | .03578      | -.004      | -10.5   | .02233 | .000    | 1        |
| S3        | 2.5000       | 2.2611      | -.239      | -9.56   | 1.3940 | .003    | 1        |
| S4        | 5.0000       | 4.8651      | -.135      | -2.70   | 2.9997 | .009    | 1        |
| S5        | 10.000       | 10.373      | .373       | 3.73    | 6.3963 | .017    | 1        |
| S2        | .80000       | .80529      | .005       | .661    | .49680 | .002    | 1        |





|                                 |              |                     |            |                   |        |         |          |
|---------------------------------|--------------|---------------------|------------|-------------------|--------|---------|----------|
| Si 288.158 {117}                |              |                     |            |                   |        |         |          |
| Date of Fit: 4/11/2024 18:09:45 |              | Type of Fit: Linear |            | Weighting: 1/Conc |        |         |          |
| A0 (Offset): 0.000549           |              | Re-Slope: 1.000000  |            |                   |        |         |          |
| A1 (Gain): 0.023866             |              | Y-int: 0.000000     |            |                   |        |         |          |
| A2 (Curvature): 0.000000        |              |                     |            |                   |        |         |          |
| n (Exponent): 1.000000          |              |                     |            |                   |        |         |          |
| Correlation: 0.999215           |              | Status: OK.         |            |                   |        |         |          |
| Std Error of Est: 0.000104      |              |                     |            |                   |        |         |          |
| Predicted MDL: 0.007792         |              |                     |            |                   |        |         |          |
| Predicted MQL: 0.025972         |              |                     |            |                   |        |         |          |
| Std. Name                       | Stated Conc. | Found Conc.         | Difference | % Diff.           | (S)IR  | Std Dev | Emphasis |
| S0                              | .00000       | .00004              | .000       | .000              | .00055 | .000    | 1        |
| S1                              | .40000       | .37568              | -.024      | -6.08             | .00955 | .000    | 1        |
| S3                              | 2.5000       | 2.2999              | -.200      | -8.00             | .05750 | .000    | 1        |
| S4                              | 5.0000       | 4.8800              | -.120      | -2.40             | .12115 | .001    | 1        |
| S5                              | 10.000       | 10.310              | .310       | 3.10              | .25487 | .003    | 1        |
| S2                              | .80000       | .83408              | .034       | 4.26              | .02112 | .000    | 1        |

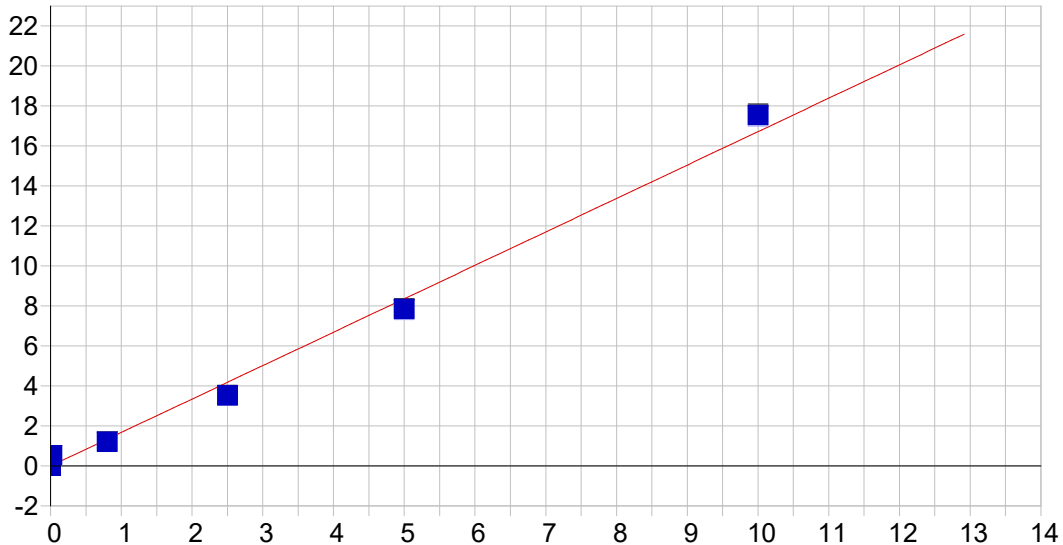


P 177.495 {490}

Date of Fit: 4/11/2024 18:09:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000362 Re-Slope: 1.000000  
A1 (Gain): 0.125469 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.973929 Status: OK.  
Std Error of Est: 0.000685  
Predicted MDL: 0.002822  
Predicted MQL: 0.009406

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00013     | -.000      | .000    | -.00038 | .000    | 1        |
| S1        | .02000       | .15343      | .133       | 667.    | .01890  | .000    | 1        |
| S3        | 2.5000       | 2.1335      | -.367      | -14.7   | .26752  | .002    | 1        |
| S4        | 5.0000       | 4.7596      | -.240      | -4.81   | .59722  | .003    | 1        |
| S5        | 10.000       | 10.554      | .554       | 5.54    | 1.3247  | .008    | 1        |
| S2        | .80000       | .71922      | -.081      | -10.1   | .08994  | .001    | 1        |

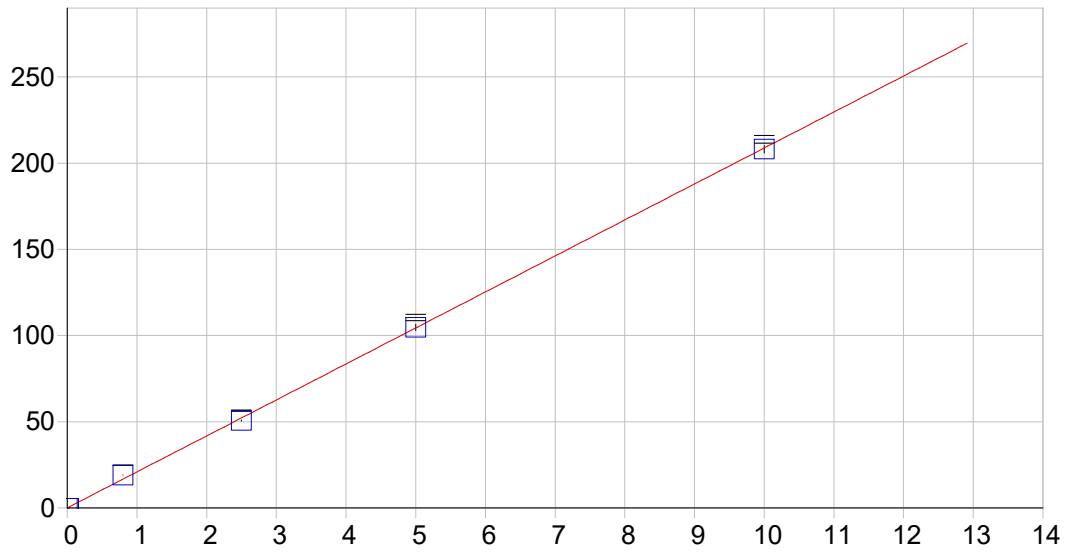


**S 182.034 {485}**

Date of Fit: 4/11/2024 18:09:45      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000929 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.671768 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.887955 | Status:   | OK.      |
| Std Error of Est: | 0.020196 |           |          |
| Predicted MDL:    | 0.000259 |           |          |
| Predicted MQL:    | 0.000865 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00030     | -.000      | .000    | .00042 | .000    | 1        |
| S1        | .02000       | .32830      | .308       | 1540.   | .54760 | .001    | 1        |
| S3        | 2.5000       | 2.1077      | -.392      | -15.7   | 3.5056 | .006    | 1        |
| S4        | 5.0000       | 4.6886      | -.311      | -6.23   | 7.8012 | .022    | 1        |
| S5        | 10.000       | 10.492      | .492       | 4.92    | 17.465 | .066    | 1        |
| S2        | .80000       | .72207      | -.078      | -9.74   | 1.2020 | .002    | 1        |

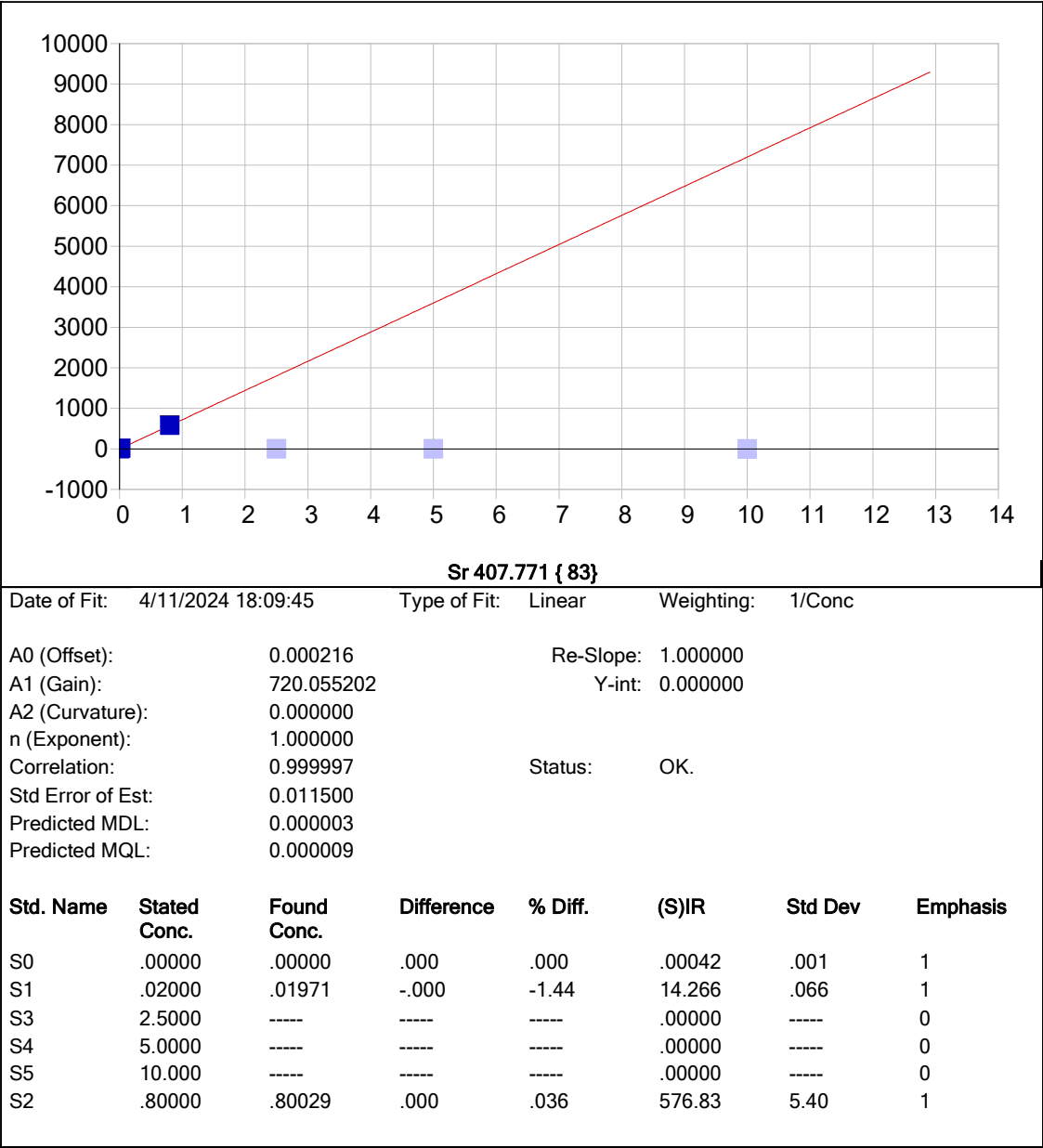


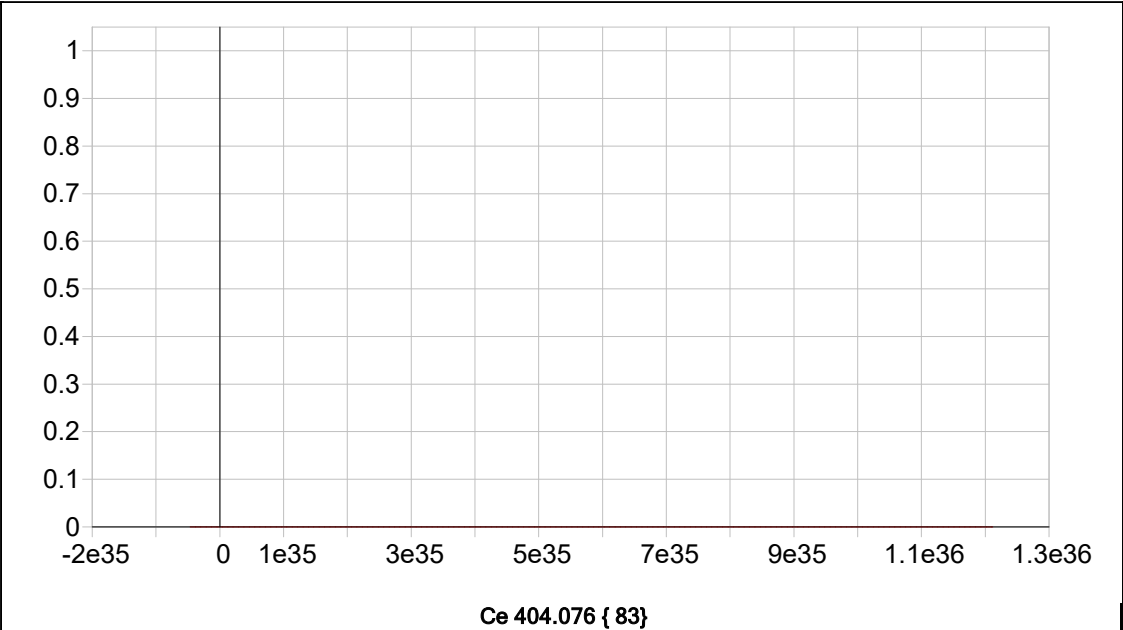
Li 670.784 { 50}

Date of Fit: 4/11/2024 18:09:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010100 Re-Slope: 1.000000  
A1 (Gain): 20.880575 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.998981 Status: OK.  
Std Error of Est: 0.022108  
Predicted MDL: 0.000139  
Predicted MQL: 0.000465

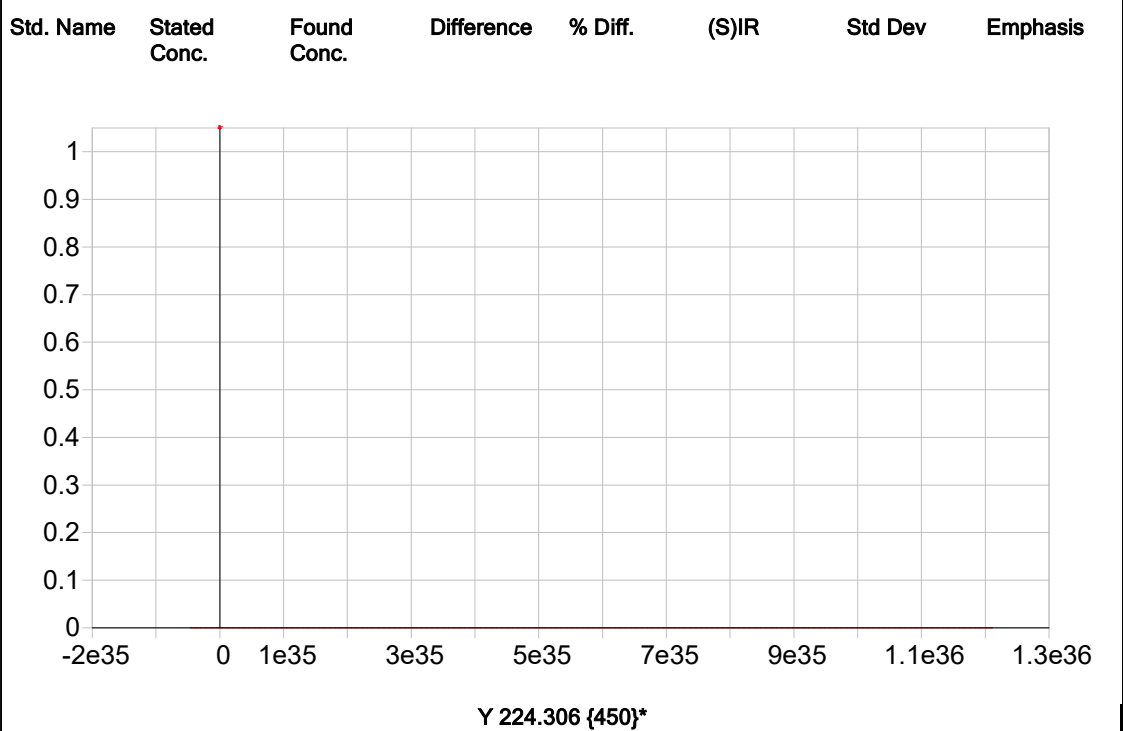
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .01047 | .001    | 1        |
| S5        | 10.000       | 9.9691      | -.031      | -.309   | 208.17 | 2.25    | 1        |
| S4        | 5.0000       | 5.0140      | .014       | .280    | 104.71 | 1.78    | 1        |
| S3        | 2.5000       | 2.4259      | -.074      | -2.96   | 50.665 | .330    | 1        |
| S1        | .02000       | .00015      | -.020      | -99.3   | .01314 | .001    | 1        |
| S2        | .80000       | .91082      | .111       | 13.9    | 19.029 | .098    | 1        |





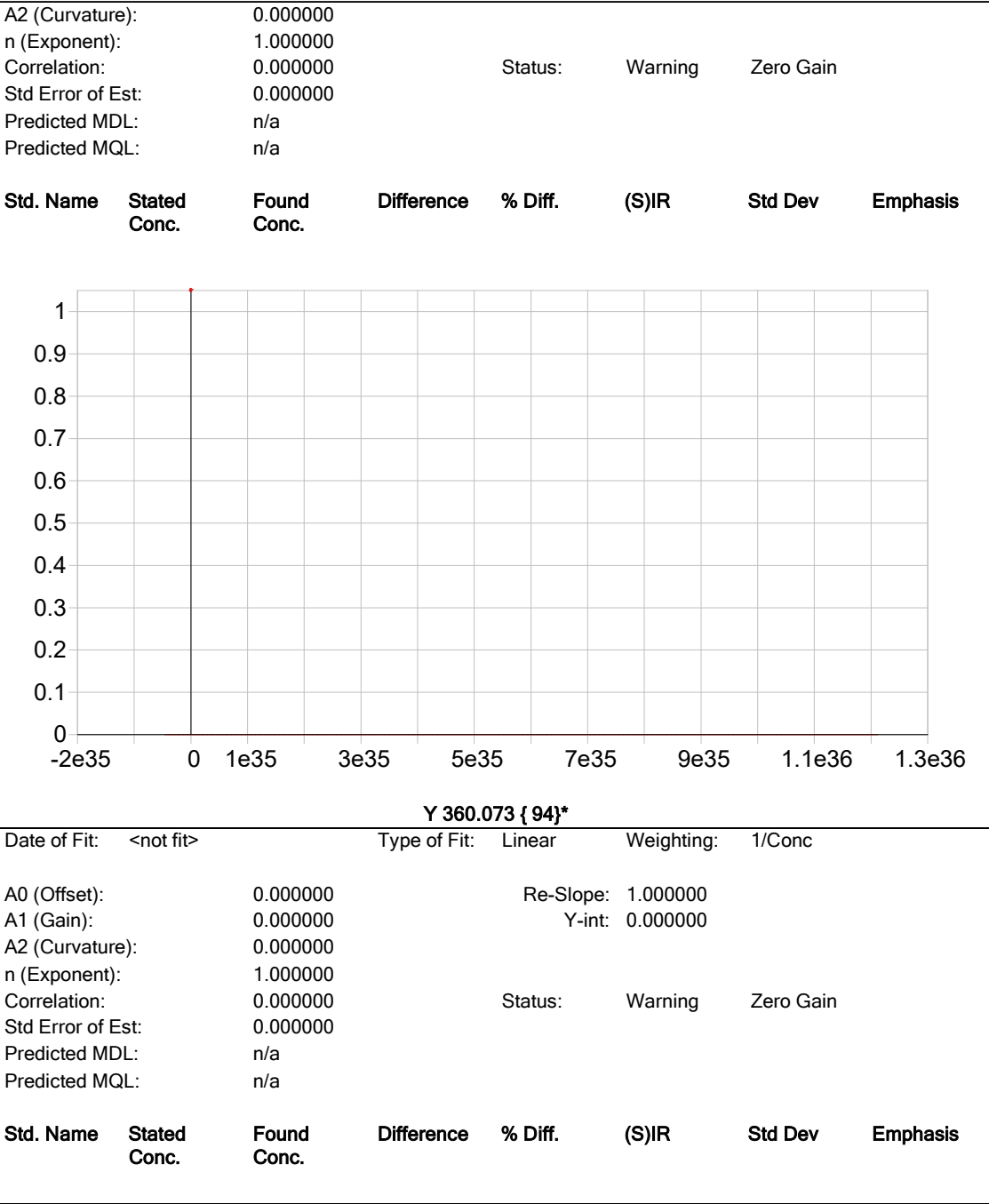
Date of Fit: 4/11/2024 18:09:45      Type of Fit: Linear      Weighting: 1/Conc

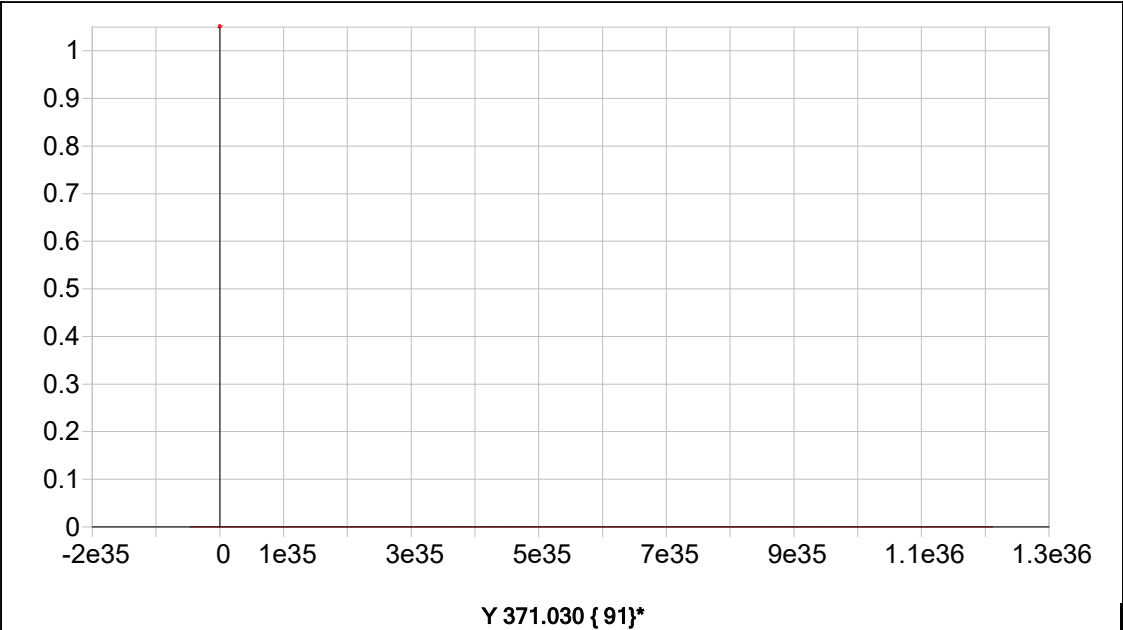
|                   |          |           |                        |
|-------------------|----------|-----------|------------------------|
| A0 (Offset):      | 0.000000 | Re-Slope: | 1.000000               |
| A1 (Gain):        | 0.000000 | Y-int:    | 0.000000               |
| A2 (Curvature):   | 0.000000 |           |                        |
| n (Exponent):     | 1.000000 |           |                        |
| Correlation:      | 0.000000 | Status:   | Warning      Zero Gain |
| Std Error of Est: | 0.002788 |           |                        |
| Predicted MDL:    | 0.053515 |           |                        |
| Predicted MQL:    | 0.178384 |           |                        |



Date of Fit: 4/11/2024 18:09:45      Type of Fit: Linear      Weighting: 1/Conc

|              |          |           |          |
|--------------|----------|-----------|----------|
| A0 (Offset): | 0.000000 | Re-Slope: | 1.000000 |
| A1 (Gain):   | 0.000000 | Y-int:    | 0.000000 |





|                   |           |  |              |          |            |        |
|-------------------|-----------|--|--------------|----------|------------|--------|
| 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 |
|-------------------------|--------------|-------------|------------|---------|-------|---------|----------|
| <p>Y 224.306 {150}*</p> |              |             |            |         |       |         |          |

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

