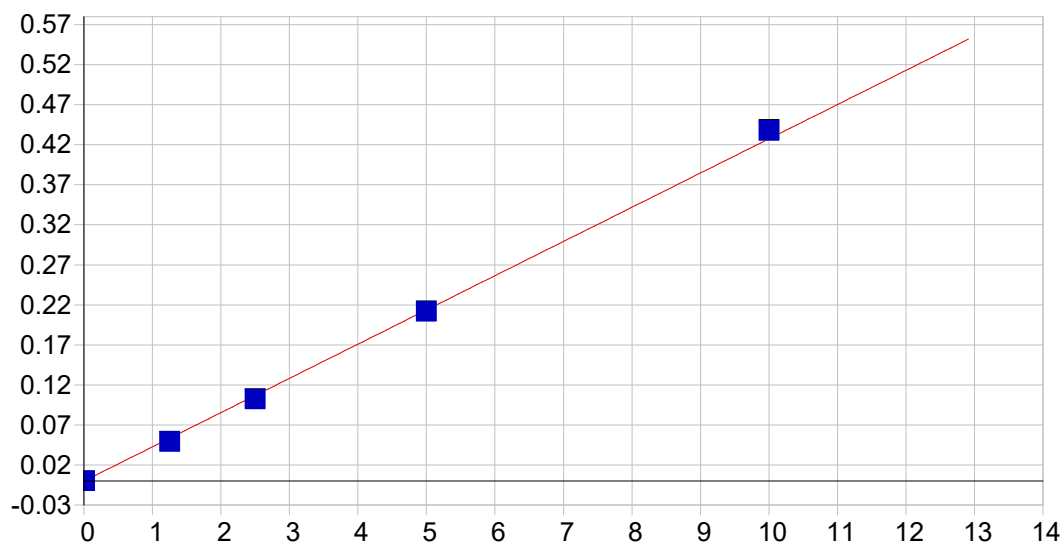


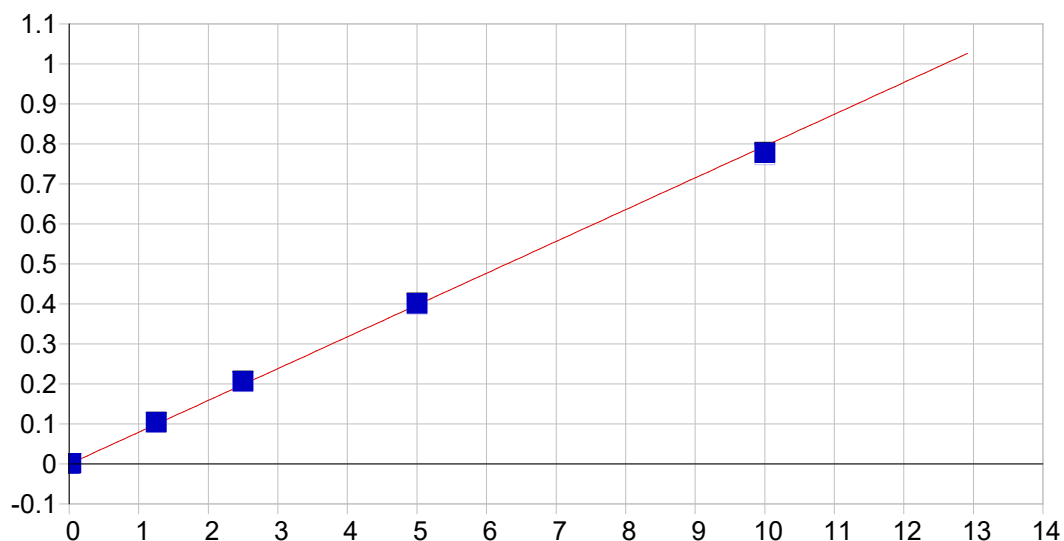


**As 189.042 {479}**

Date of Fit: 09/12/2024 4:03:18      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000122 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.042755  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999518  | Status:   | OK.      |
| Std Error of Est: | 0.000022  |           |          |
| Predicted MDL:    | 0.004337  |           |          |
| Predicted MQL:    | 0.014457  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00012 | .000    | 1        |
| S1        | .01000       | .00855      | -.001      | -14.5   | .00024  | .000    | 1        |
| S2        | 1.2500       | 1.1543      | -.096      | -7.65   | .04923  | .000    | 1        |
| S3        | 2.5000       | 2.3974      | -.103      | -4.10   | .10238  | .000    | 1        |
| S4        | 5.0000       | 4.9557      | -.044      | -.886   | .21177  | .001    | 1        |
| S5        | 10.000       | 10.244      | .244       | 2.44    | .43787  | .001    | 1        |

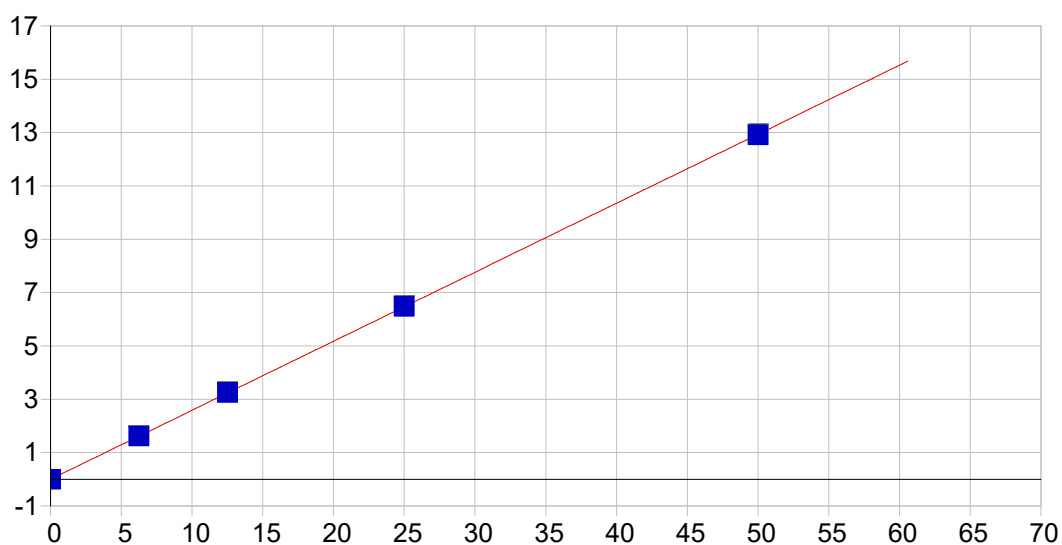


**TI 190.856 {477}**

Date of Fit: 09/12/2024 4:03:18      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000308 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.079489  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999671  | Status:   | OK.      |
| Std Error of Est: | 0.000054  |           |          |
| Predicted MDL:    | 0.002405  |           |          |
| Predicted MQL:    | 0.008018  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00031 | .000    | 1        |
| S1        | .02500       | .02543      | .000       | 1.70    | .00167  | .000    | 1        |
| S2        | 1.2500       | 1.3125      | .063       | 5.00    | .10334  | .000    | 1        |
| S3        | 2.5000       | 2.6006      | .101       | 4.02    | .20504  | .001    | 1        |
| S4        | 5.0000       | 5.0494      | .049       | .988    | .39833  | .001    | 1        |
| S5        | 10.000       | 9.7871      | -.213      | -2.13   | .77218  | .001    | 1        |

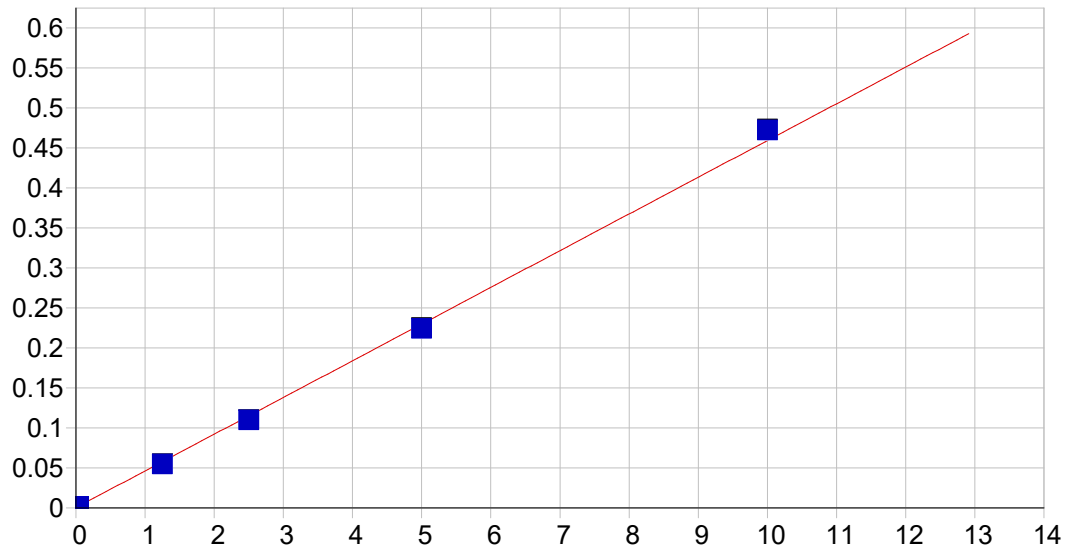


**Pb 220.353 {453}**

Date of Fit: 09/12/2024 4:03:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000680 Re-Slope: 1.000000  
 A1 (Gain): 0.258762 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999994 Status: OK.  
 Std Error of Est: 0.000032  
 Predicted MDL: 0.002424  
 Predicted MQL: 0.008080

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00068 | .000    | 1        |
| S1        | .01000       | .01209      | .002       | 20.9    | .00247  | .001    | 1        |
| S2        | 6.2500       | 6.2525      | .002       | .040    | 1.6229  | .002    | 1        |
| S3        | 12.500       | 12.562      | .062       | .499    | 3.2614  | .006    | 1        |
| S4        | 25.000       | 25.040      | .040       | .158    | 6.5014  | .006    | 1        |
| S5        | 50.000       | 49.893      | -.107      | -.213   | 12.955  | .018    | 1        |

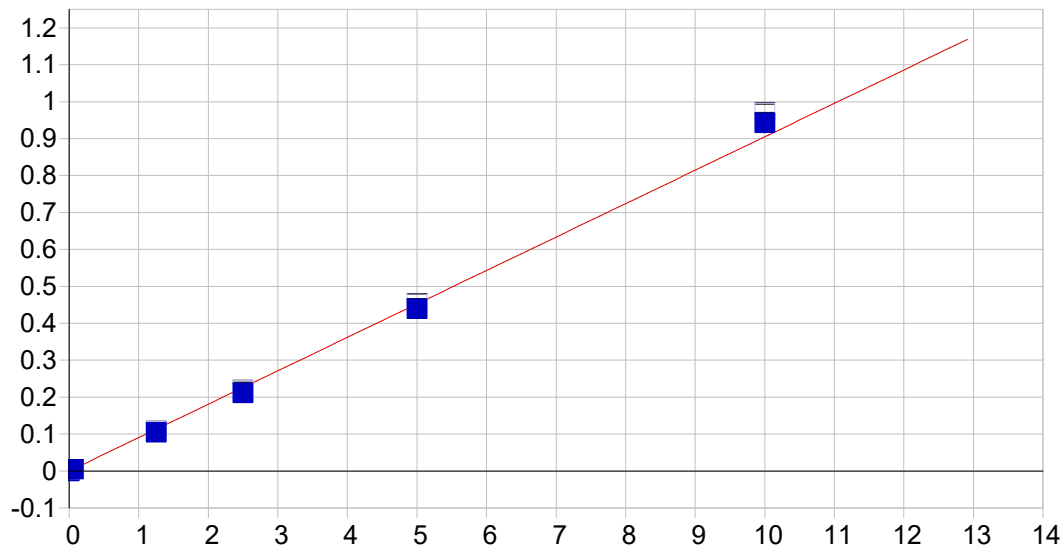


**Se 196.090 {472}**

Date of Fit: 09/12/2024 4:03:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000375 Re-Slope: 1.000000  
 A1 (Gain): 0.045897 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999484 Status: OK.  
 Std Error of Est: 0.000046  
 Predicted MDL: 0.005052  
 Predicted MQL: 0.016840

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00037 | .000    | 1        |
| S1        | .03500       | .03699      | .002       | 5.68    | .00207 | .000    | 1        |
| S2        | 1.2500       | 1.1878      | -.062      | -4.98   | .05478 | .000    | 1        |
| S3        | 2.5000       | 2.3858      | -.114      | -4.57   | .10966 | .000    | 1        |
| S4        | 5.0000       | 4.8861      | -.114      | -2.28   | .22419 | .001    | 1        |
| S5        | 10.000       | 10.288      | .288       | 2.88    | .47170 | .001    | 1        |

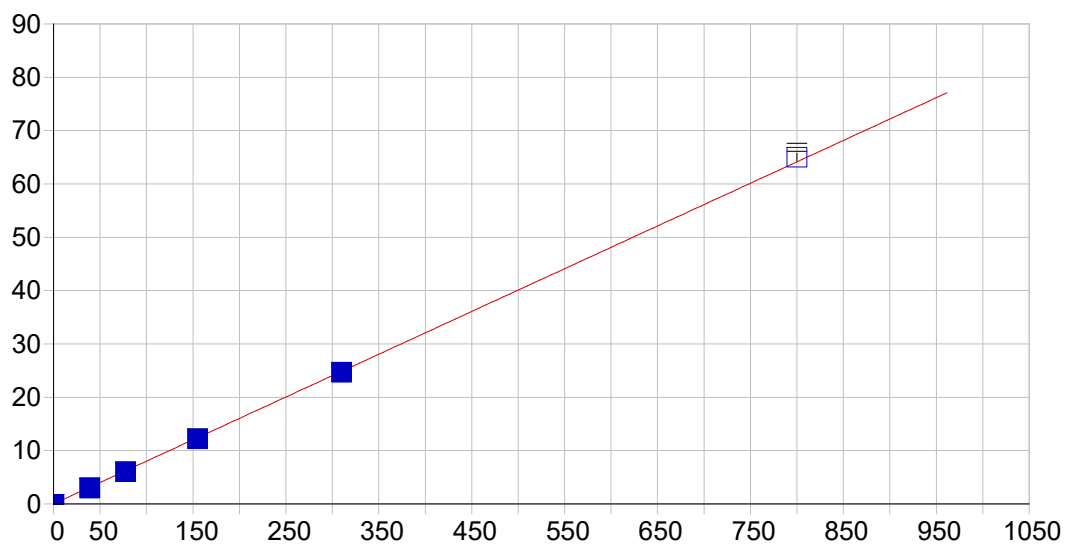


**Sb 206.833 {463}**

Date of Fit: 09/12/2024 4:03:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000131 Re-Slope: 1.000000  
 A1 (Gain): 0.090499 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998998 Status: OK.  
 Std Error of Est: 0.000172  
 Predicted MDL: 0.002957  
 Predicted MQL: 0.009856

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00013 | .000    | 1        |
| S1        | .06000       | .05480      | -.005      | -8.67   | .00483  | .000    | 1        |
| S2        | 1.2500       | 1.1524      | -.098      | -7.80   | .10750  | .000    | 1        |
| S3        | 2.5000       | 2.3384      | -.162      | -6.46   | .21817  | .001    | 1        |
| S4        | 5.0000       | 4.8512      | -.149      | -2.98   | .45225  | .001    | 1        |
| S5        | 10.000       | 10.413      | .413       | 4.13    | .96894  | .002    | 1        |

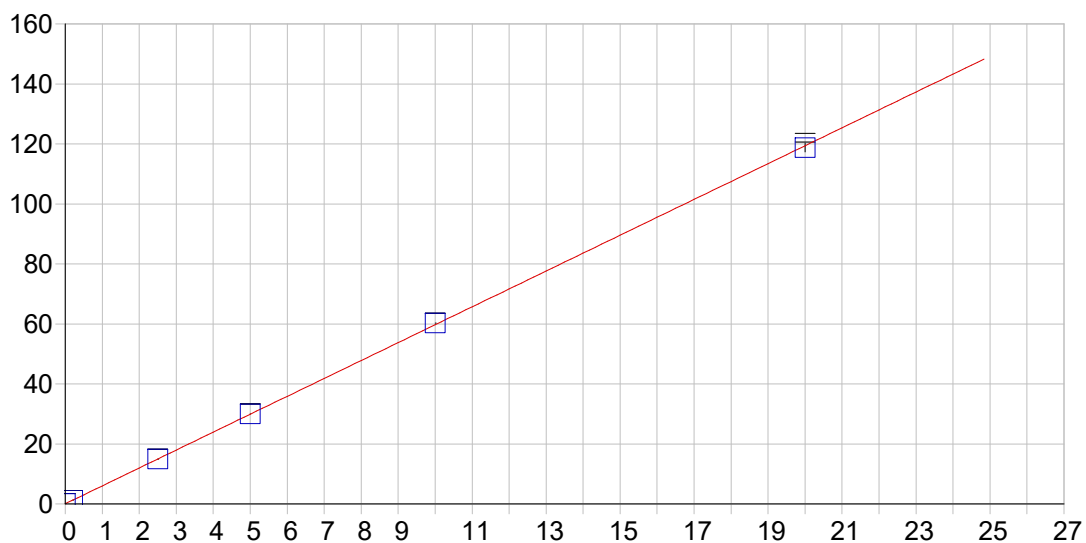


AI 396.152 { 85}

Date of Fit: 09/12/2024 4:03:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001359 Re-Slope: 1.000000  
 A1 (Gain): 0.080178 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999842 Status: OK.  
 Std Error of Est: 0.000887  
 Predicted MDL: 0.016998  
 Predicted MQL: 0.056661

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00136 | .000    | 1        |
| S1        | .20000       | .21036      | .010       | 5.18    | .01825 | .001    | 1        |
| S2        | 38.750       | 36.973      | -1.78      | -4.58   | 2.9695 | .004    | 1        |
| S3        | 77.500       | 74.449      | -3.05      | -3.94   | 5.9780 | .027    | 1        |
| S4        | 155.00       | 151.75      | -3.25      | -2.10   | 12.183 | .009    | 1        |
| S5        | 310.00       | 307.33      | -2.67      | -.861   | 24.672 | .006    | 1        |
| S6        | 800.00       | 810.75      | 10.8       | 1.34    | 65.006 | .751    | 1        |

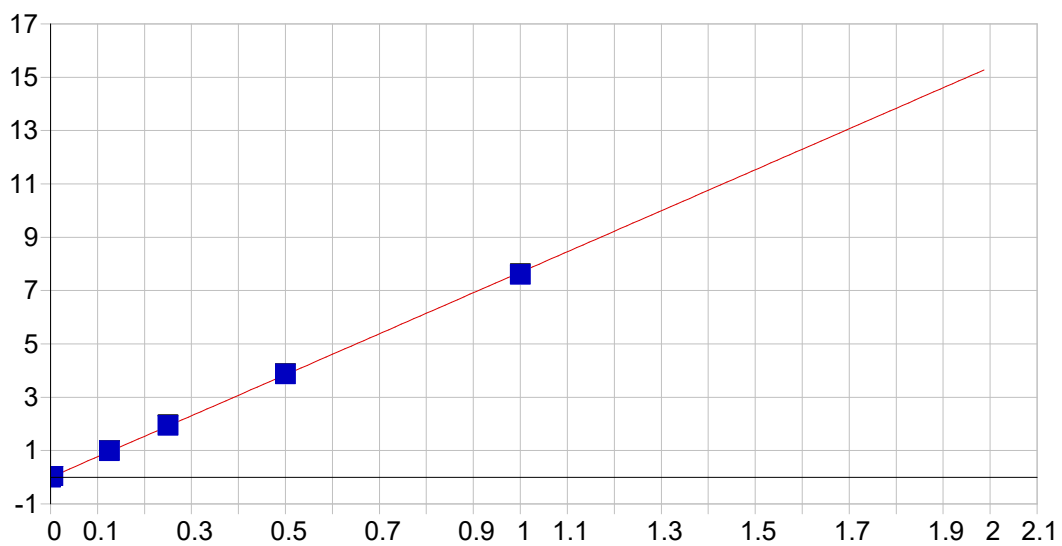


**Ba 493.409 { 68}**

Date of Fit: 09/12/2024 4:03:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.055441 Re-Slope: 1.000000  
 A1 (Gain): 5.967129 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999978 Status: OK.  
 Std Error of Est: 0.004229  
 Predicted MDL: 0.000875  
 Predicted MQL: 0.002917

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .05539 | .001    | 1        |
| S1        | .20000       | .20691      | .007       | 3.45    | 1.2901 | .003    | 1        |
| S2        | 2.5000       | 2.4930      | -.007      | -.281   | 14.931 | .033    | 1        |
| S3        | 5.0000       | 5.0209      | .021       | .419    | 30.016 | .034    | 1        |
| S4        | 10.000       | 10.087      | .087       | .867    | 60.244 | .027    | 1        |
| S5        | 20.000       | 19.892      | -.108      | -.538   | 118.76 | 1.47    | 1        |

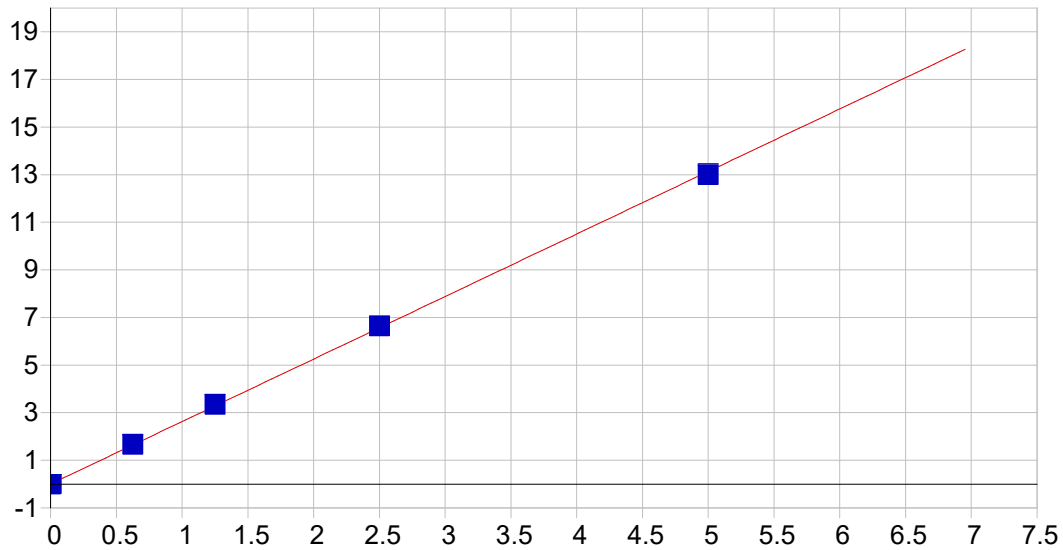


Be 234.861 {144}

Date of Fit: 09/12/2024 4:03:18      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000915 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 7.687198  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999915  | Status:   | OK.      |
| Std Error of Est: | 0.000375  |           |          |
| Predicted MDL:    | 0.000094  |           |          |
| Predicted MQL:    | 0.000313  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00092 | .001    | 1        |
| S1        | .00500       | .00545      | .000       | 9.04    | .04097  | .001    | 1        |
| S2        | .12500       | .12855      | .004       | 2.84    | .98570  | .001    | 1        |
| S3        | .25000       | .25297      | .003       | 1.19    | 1.9406  | .015    | 1        |
| S4        | .50000       | .50368      | .004       | .737    | 3.8648  | .005    | 1        |
| S5        | 1.0000       | .98935      | -.011      | -1.07   | 7.5920  | .030    | 1        |

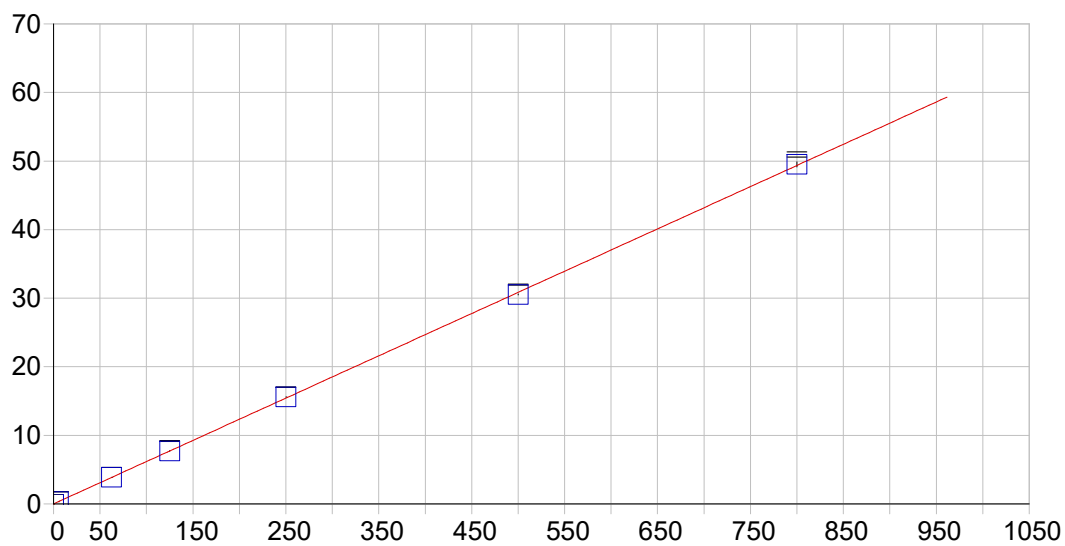


**Cd 214.438 {457}**

Date of Fit: 09/12/2024 4:03:18      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000116 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.626993 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999932 | Status:   | OK.      |
| Std Error of Est: | 0.000258 |           |          |
| Predicted MDL:    | 0.000107 |           |          |
| Predicted MQL:    | 0.000357 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00012 | .000    | 1        |
| S1        | .00500       | .00500      | -.000      | -.000   | .01326 | .000    | 1        |
| S2        | .62500       | .63375      | .009       | 1.40    | 1.6689 | .003    | 1        |
| S3        | 1.2500       | 1.2707      | .021       | 1.66    | 3.3462 | .008    | 1        |
| S4        | 2.5000       | 2.5245      | .024       | .979    | 6.6477 | .008    | 1        |
| S5        | 5.0000       | 4.9461      | -.054      | -1.08   | 13.025 | .024    | 1        |

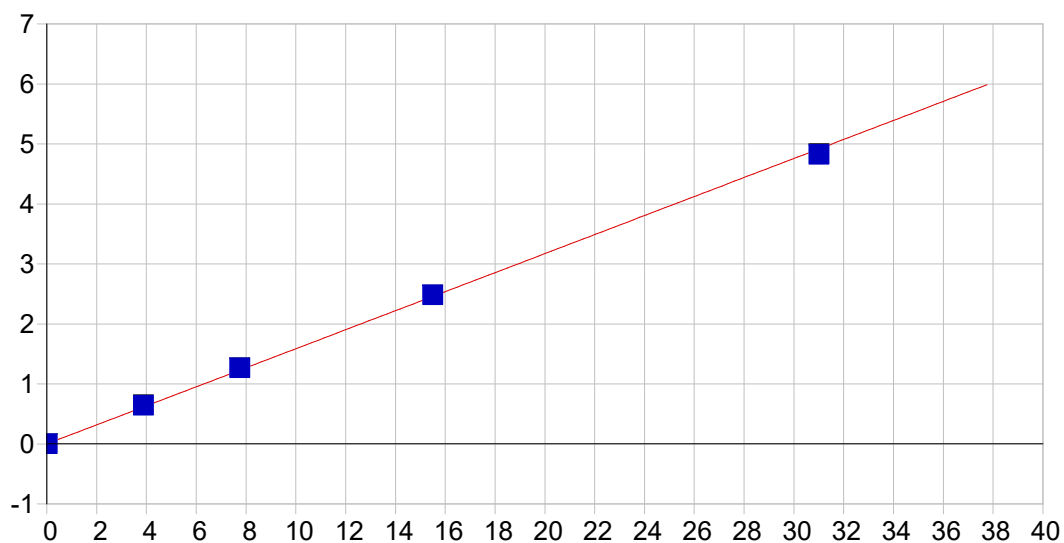


Ca 373.690 { 90}

Date of Fit: 09/12/2024 4:03:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006621 Re-Slope: 1.000000  
 A1 (Gain): 0.061690 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999973 Status: OK.  
 Std Error of Est: 0.001592  
 Predicted MDL: 0.018473  
 Predicted MQL: 0.061577

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00027     | -.000      | .000    | .00660 | .001    | 1        |
| S1        | 5.0000       | 5.2423      | .242       | 4.85    | .33002 | .001    | 1        |
| S2        | 62.500       | 62.706      | .206       | .329    | 3.8750 | .011    | 1        |
| S3        | 125.00       | 124.99      | -.008      | -.006   | 7.7174 | .054    | 1        |
| S4        | 250.00       | 252.27      | 2.27       | .909    | 15.569 | .006    | 1        |
| S5        | 500.00       | 494.79      | -5.21      | -1.04   | 30.530 | .078    | 1        |
| S6        | 800.00       | 802.50      | 2.50       | .313    | 49.513 | .364    | 1        |

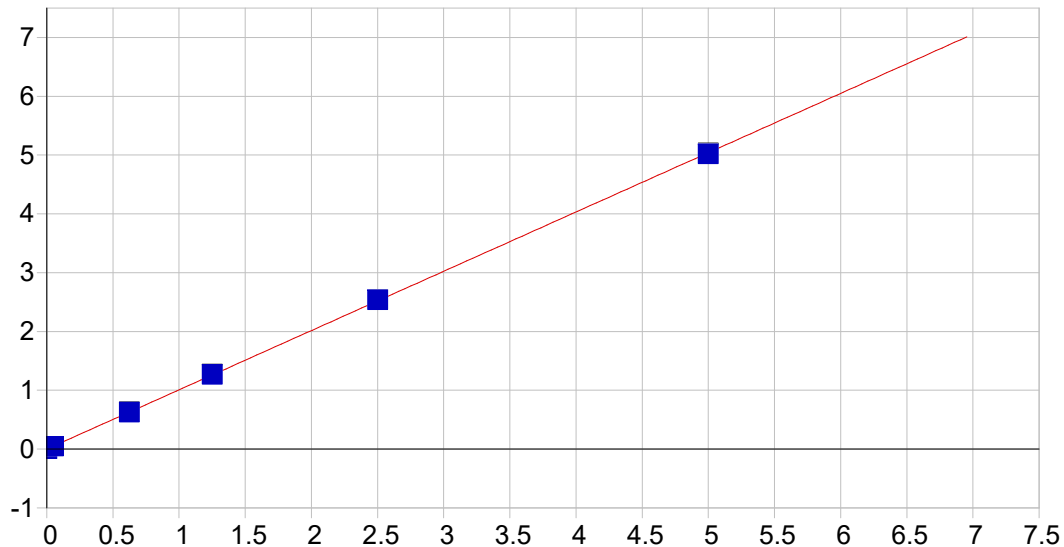


### Cr 267.716 {126}

Date of Fit: 09/12/2024 4:03:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000058 Re-Slope: 1.000000  
 A1 (Gain): 0.158573 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999742 Status: OK.  
 Std Error of Est: 0.000106  
 Predicted MDL: 0.000924  
 Predicted MQL: 0.003080

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR    | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|----------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.000006 | .000    | 1        |
| S1        | .01000       | .01172      | .002       | 17.2    | .00180   | .000    | 1        |
| S2        | 3.8750       | 4.0628      | .188       | 4.85    | .64488   | .001    | 1        |
| S3        | 7.7500       | 7.9928      | .243       | 3.13    | 1.2688   | .000    | 1        |
| S4        | 15.500       | 15.662      | .162       | 1.04    | 2.4862   | .001    | 1        |
| S5        | 31.000       | 30.406      | -.594      | -1.92   | 4.8270   | .012    | 1        |

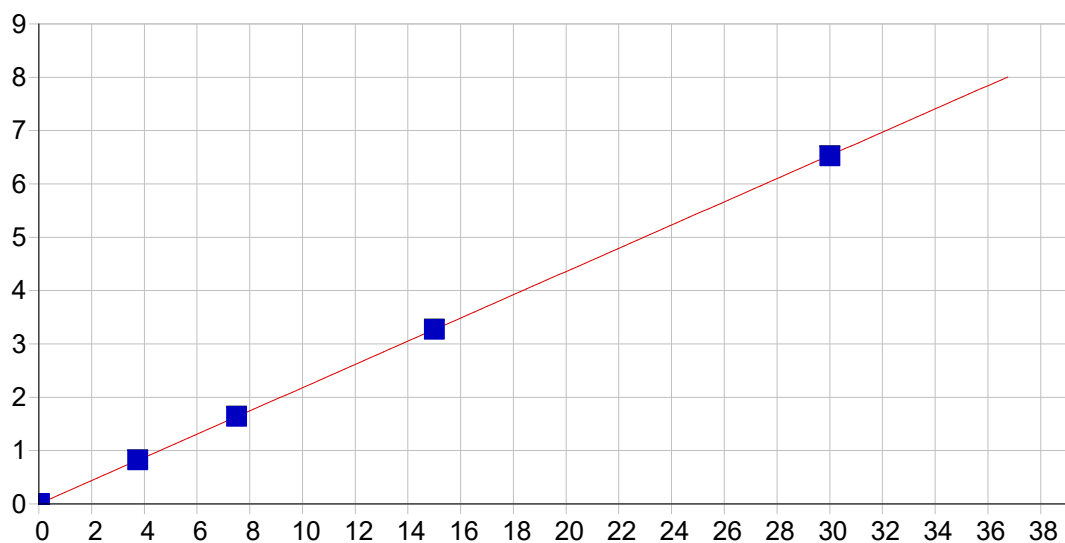


Co 228.616 {448}

Date of Fit: 09/12/2024 4:03:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000372 Re-Slope: 1.000000  
 A1 (Gain): 1.008164 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999986 Status: OK.  
 Std Error of Est: 0.000144  
 Predicted MDL: 0.000346  
 Predicted MQL: 0.001152

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00037 | .000    | 1        |
| S1        | .05000       | .04951      | -.000      | -.985   | .04971  | .000    | 1        |
| S2        | .62500       | .62277      | -.002      | -.357   | .62825  | .001    | 1        |
| S3        | 1.2500       | 1.2576      | .008       | .607    | 1.2690  | .003    | 1        |
| S4        | 2.5000       | 2.5171      | .017       | .685    | 2.5404  | .003    | 1        |
| S5        | 5.0000       | 4.9780      | -.022      | -.440   | 5.0244  | .011    | 1        |

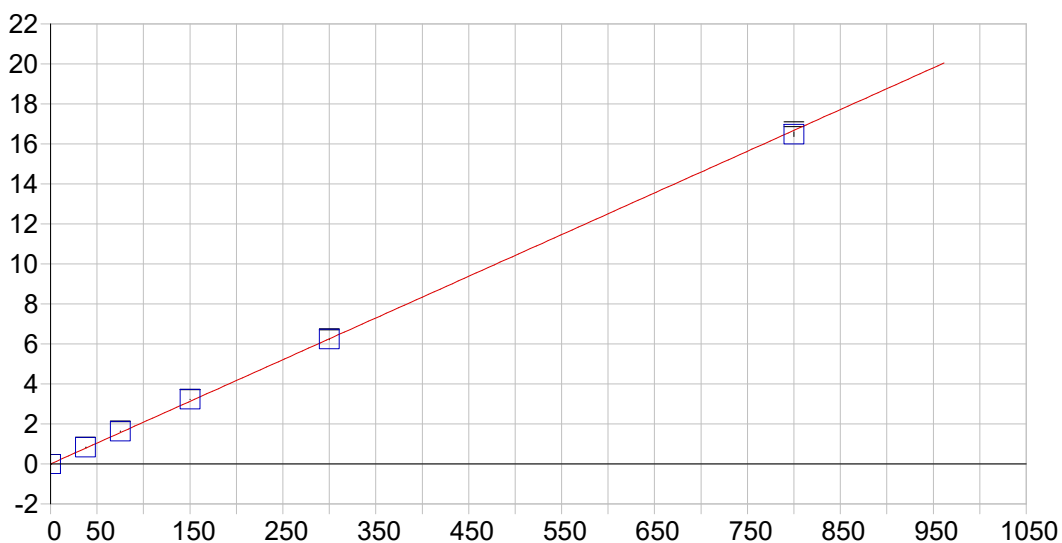


**Cu 324.754 {104}**

Date of Fit: 09/12/2024 4:03:18      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001382 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.217797 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999997 | Status:   | OK.      |
| Std Error of Est: | 0.000023 |           |          |
| Predicted MDL:    | 0.003455 |           |          |
| Predicted MQL:    | 0.011518 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00138 | .001    | 1        |
| S1        | .02500       | .02619      | .001       | 4.76    | .00708 | .000    | 1        |
| S2        | 3.7500       | 3.7727      | .023       | .605    | .82254 | .002    | 1        |
| S3        | 7.5000       | 7.5079      | .008       | .105    | 1.6355 | .006    | 1        |
| S4        | 15.000       | 15.019      | .019       | .125    | 3.2703 | .004    | 1        |
| S5        | 30.000       | 29.950      | -.050      | -.168   | 6.5201 | .005    | 1        |

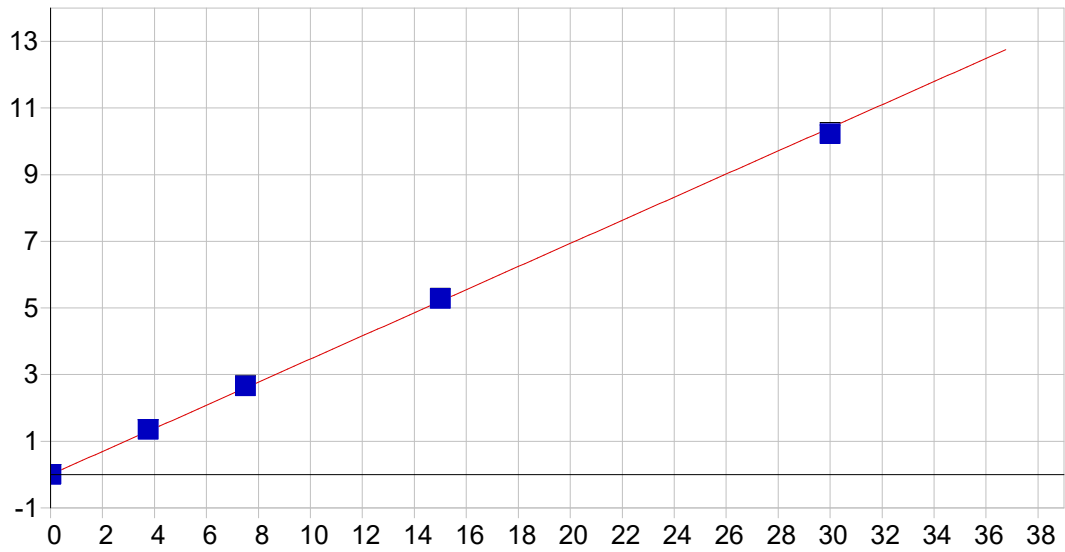


### Fe 259.837 {130}

Date of Fit: 09/12/2024 4:03:18      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000129 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.020845  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999811  | Status:   | OK.      |
| Std Error of Est: | 0.000177  |           |          |
| Predicted MDL:    | 0.017043  |           |          |
| Predicted MQL:    | 0.056809  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | -.00013 | .000    | 1        |
| S1        | .10000       | .11946      | .019       | 19.5    | .00236  | .000    | 1        |
| S2        | 37.500       | 39.614      | 2.11       | 5.64    | .82564  | .001    | 1        |
| S3        | 75.000       | 78.245      | 3.25       | 4.33    | 1.6309  | .013    | 1        |
| S4        | 150.00       | 154.69      | 4.69       | 3.13    | 3.2245  | .004    | 1        |
| S5        | 300.00       | 298.99      | -1.01      | -.336   | 6.2325  | .021    | 1        |
| S6        | 800.00       | 790.93      | -9.07      | -1.13   | 16.487  | .117    | 1        |

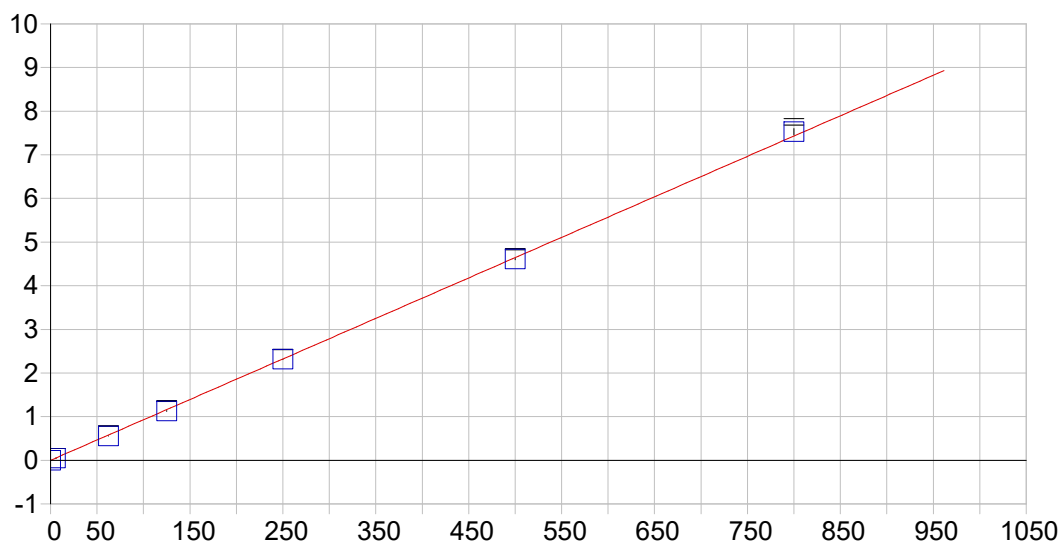


**Mn 257.610 {131}**

Date of Fit: 09/12/2024 4:03:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000090 Re-Slope: 1.000000  
 A1 (Gain): 0.346881 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999813 Status: OK.  
 Std Error of Est: 0.000239  
 Predicted MDL: 0.001006  
 Predicted MQL: 0.003354

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00009 | .000    | 1        |
| S1        | .01500       | .01687      | .002       | 12.5    | .00578  | .000    | 1        |
| S2        | 3.7500       | 3.8880      | .138       | 3.68    | 1.3488  | .004    | 1        |
| S3        | 7.5000       | 7.6554      | .155       | 2.07    | 2.6558  | .024    | 1        |
| S4        | 15.000       | 15.227      | .227       | 1.52    | 5.2828  | .009    | 1        |
| S5        | 30.000       | 29.477      | -.523      | -1.74   | 10.227  | .037    | 1        |

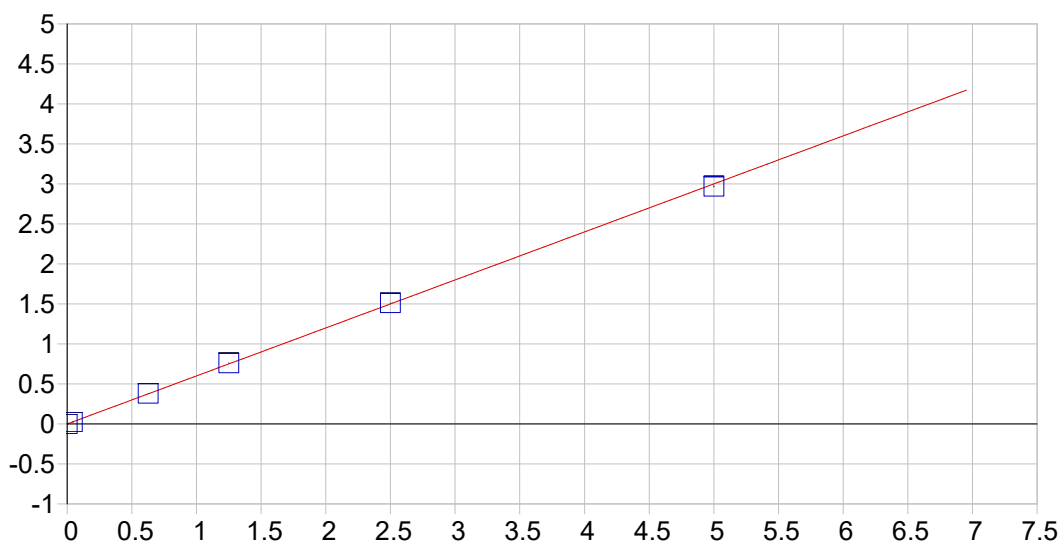


### Mg 279.079 {121}

Date of Fit: 09/12/2024 4:03:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000295 Re-Slope: 1.000000  
 A1 (Gain): 0.009288 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999900 Status: OK.  
 Std Error of Est: 0.000458  
 Predicted MDL: 0.045339  
 Predicted MQL: 0.151130

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00033      | .000       | .000    | -.00029 | .001    | 1        |
| S1        | 5.0000       | 4.9871      | -.013      | -.257   | .04603  | .001    | 1        |
| S2        | 62.500       | 60.068      | -2.43      | -3.89   | .55763  | .003    | 1        |
| S3        | 125.00       | 121.72      | -3.28      | -2.63   | 1.1302  | .011    | 1        |
| S4        | 250.00       | 248.89      | -1.11      | -.445   | 2.3114  | .004    | 1        |
| S5        | 500.00       | 496.42      | -3.58      | -.716   | 4.6106  | .012    | 1        |
| S6        | 800.00       | 810.42      | 10.4       | 1.30    | 7.5271  | .072    | 1        |

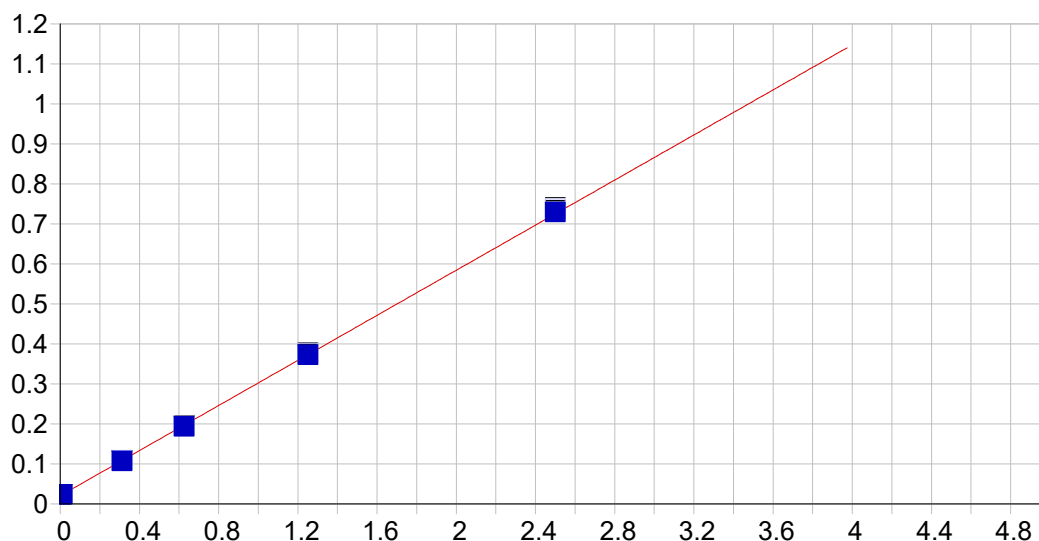


**Ni 231.604 {446}**

Date of Fit: 09/12/2024 4:03:18      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000124 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.599784  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999937  | Status:   | OK.      |
| Std Error of Est: | 0.000160  |           |          |
| Predicted MDL:    | 0.000542  |           |          |
| Predicted MQL:    | 0.001806  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00013 | .000    | 1        |
| S1        | .04000       | .04237      | .002       | 5.93    | .02529  | .000    | 1        |
| S2        | .62500       | .63238      | .007       | 1.18    | .37917  | .000    | 1        |
| S3        | 1.2500       | 1.2695      | .020       | 1.56    | .76131  | .001    | 1        |
| S4        | 2.5000       | 2.5203      | .020       | .811    | 1.5115  | .002    | 1        |
| S5        | 5.0000       | 4.9505      | -.050      | -.991   | 2.9691  | .005    | 1        |

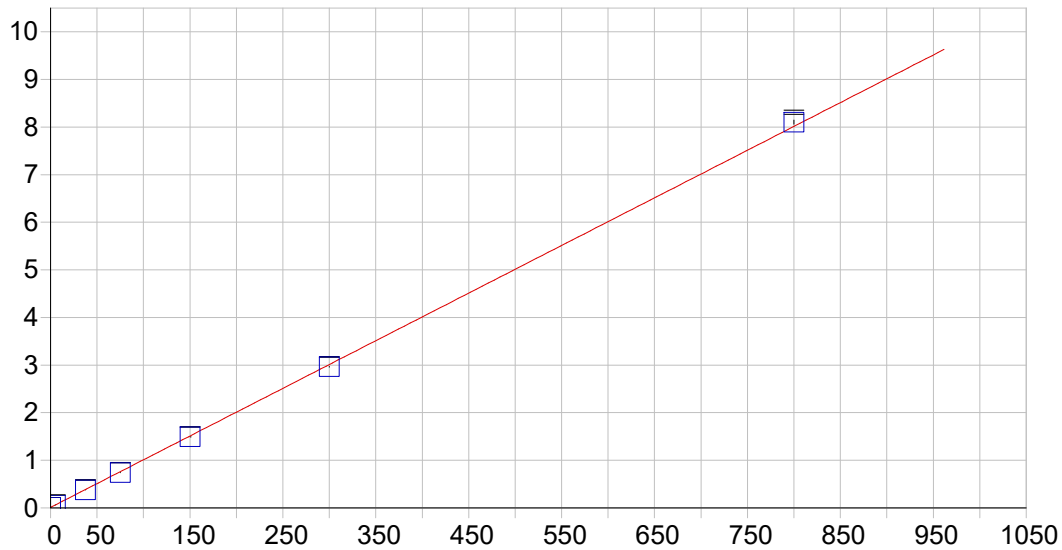


**Ag 328.068 {103}**

Date of Fit: 09/12/2024 4:03:18      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.020699 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.281764 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999956 | Status:   | OK.      |
| Std Error of Est: | 0.000022 |           |          |
| 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    | .02070 | .000    | 1        |
| S1        | .01000       | .01072      | .001       | 7.19    | .02371 | .000    | 1        |
| S2        | .31250       | .30809      | -.004      | -1.41   | .10846 | .000    | 1        |
| S3        | .62500       | .61361      | -.011      | -1.82   | .19549 | .000    | 1        |
| S4        | 1.2500       | 1.2491      | -.001      | -.074   | .37644 | .001    | 1        |
| S5        | 2.5000       | 2.5160      | .016       | .640    | .73721 | .003    | 1        |

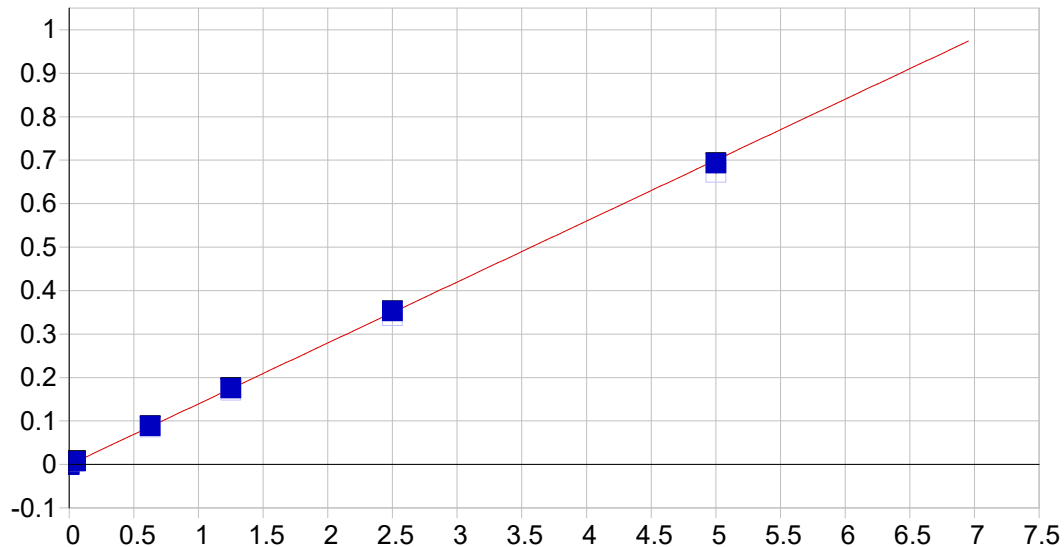


Na 818.326 { 41}

Date of Fit: 09/12/2024 4:03:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010175 Re-Slope: 1.000000  
A1 (Gain): 0.010005 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999902 Status: OK.  
Std Error of Est: 0.000433  
Predicted MDL: 0.323372  
Predicted MQL: 1.077906

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00004      | .000       | .000    | .01018 | .003    | 1        |
| S1        | 5.0000       | 5.2663      | .266       | 5.33    | .06286 | .005    | 1        |
| S2        | 37.500       | 36.802      | -.698      | -1.86   | .37838 | .003    | 1        |
| S3        | 75.000       | 73.158      | -1.84      | -2.46   | .74211 | .003    | 1        |
| S4        | 150.00       | 148.02      | -1.98      | -1.32   | 1.4911 | .001    | 1        |
| S5        | 300.00       | 295.39      | -4.61      | -1.54   | 2.9655 | .005    | 1        |
| S6        | 800.00       | 808.86      | 8.86       | 1.11    | 8.1028 | .045    | 1        |

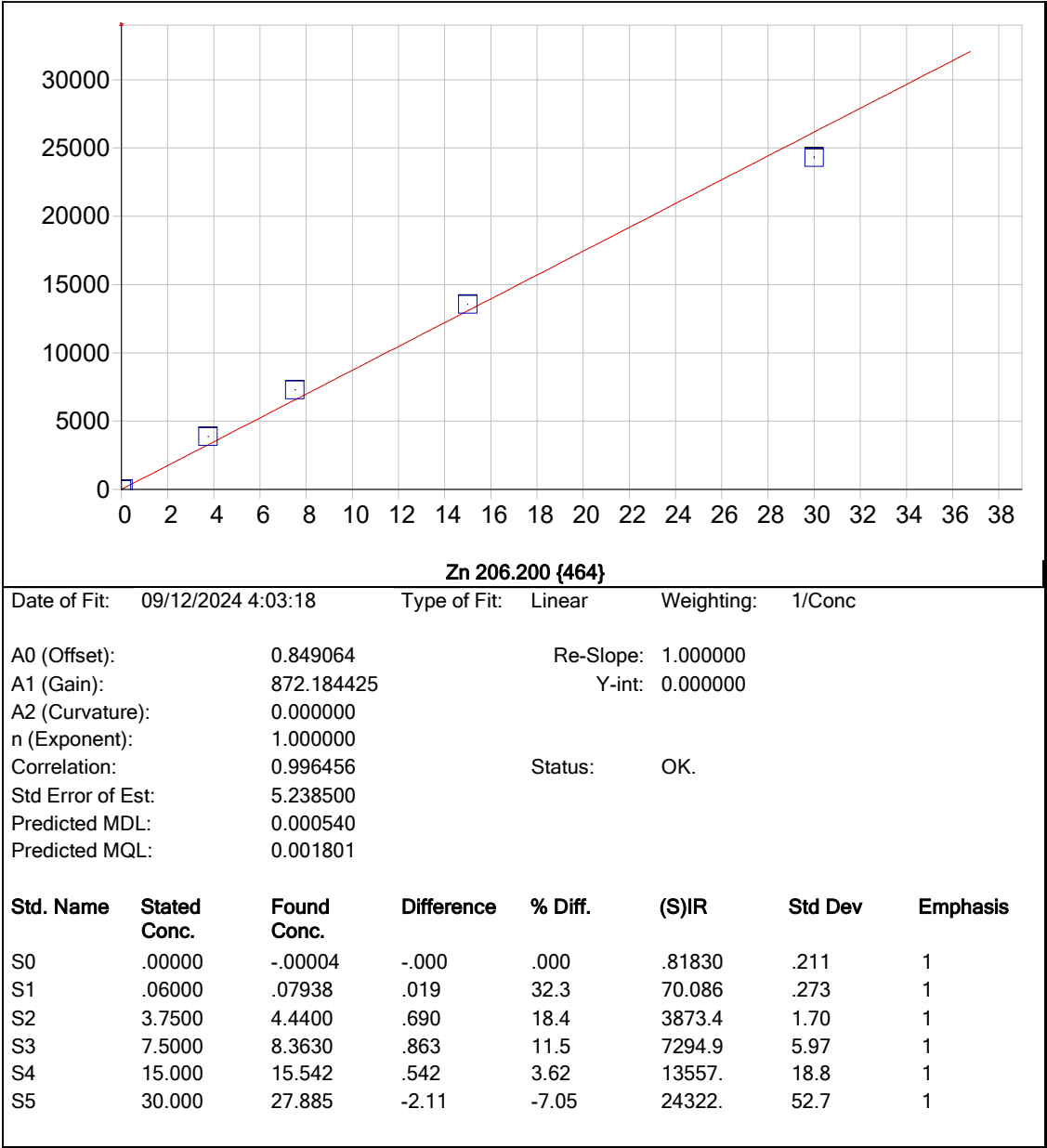


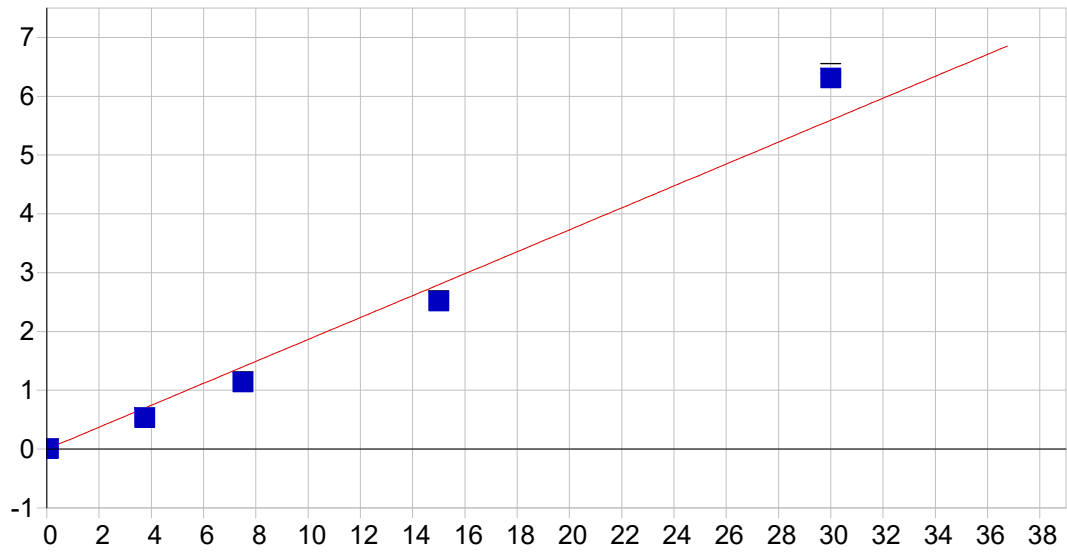
V 292.402 {115}

Date of Fit: 09/12/2024 4:03:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000852 Re-Slope: 1.000000  
 A1 (Gain): 0.140192 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999885 Status: OK.  
 Std Error of Est: 0.000055  
 Predicted MDL: 0.005532  
 Predicted MQL: 0.018439

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00085 | .000    | 1        |
| S1        | .05000       | .05746      | .007       | 14.9    | .00719  | .001    | 1        |
| S2        | .62500       | .63586      | .011       | 1.74    | .08560  | .001    | 1        |
| S3        | 1.2500       | 1.2585      | .009       | .683    | .17020  | .001    | 1        |
| S4        | 2.5000       | 2.5222      | .022       | .890    | .34198  | .001    | 1        |
| S5        | 5.0000       | 4.9507      | -.049      | -.986   | .67166  | .001    | 1        |



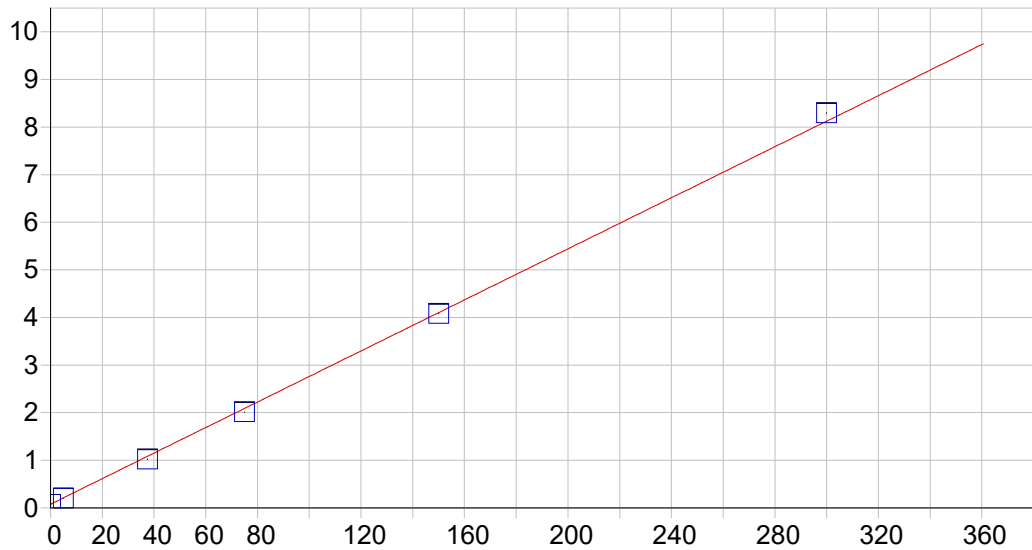


### Zn 213.856 {158}

Date of Fit: 09/12/2024 4:03:18      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000451 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.186480  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.990280  | Status:   | OK.      |
| Std Error of Est: | 0.001866  |           |          |
| Predicted MDL:    | 0.005870  |           |          |
| Predicted MQL:    | 0.019567  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00004      | .000       | .000    | -.00044 | .001    | 1        |
| S1        | .06000       | .04300      | -.017      | -28.3   | .00762  | .000    | 1        |
| S2        | 3.7500       | 2.8571      | -.893      | -23.8   | .53319  | .003    | 1        |
| S3        | 7.5000       | 6.1112      | -1.39      | -18.5   | 1.1409  | .010    | 1        |
| S4        | 15.000       | 13.483      | -1.52      | -10.1   | 2.5172  | .010    | 1        |
| S5        | 30.000       | 33.816      | 3.82       | 12.7    | 6.3123  | .078    | 1        |

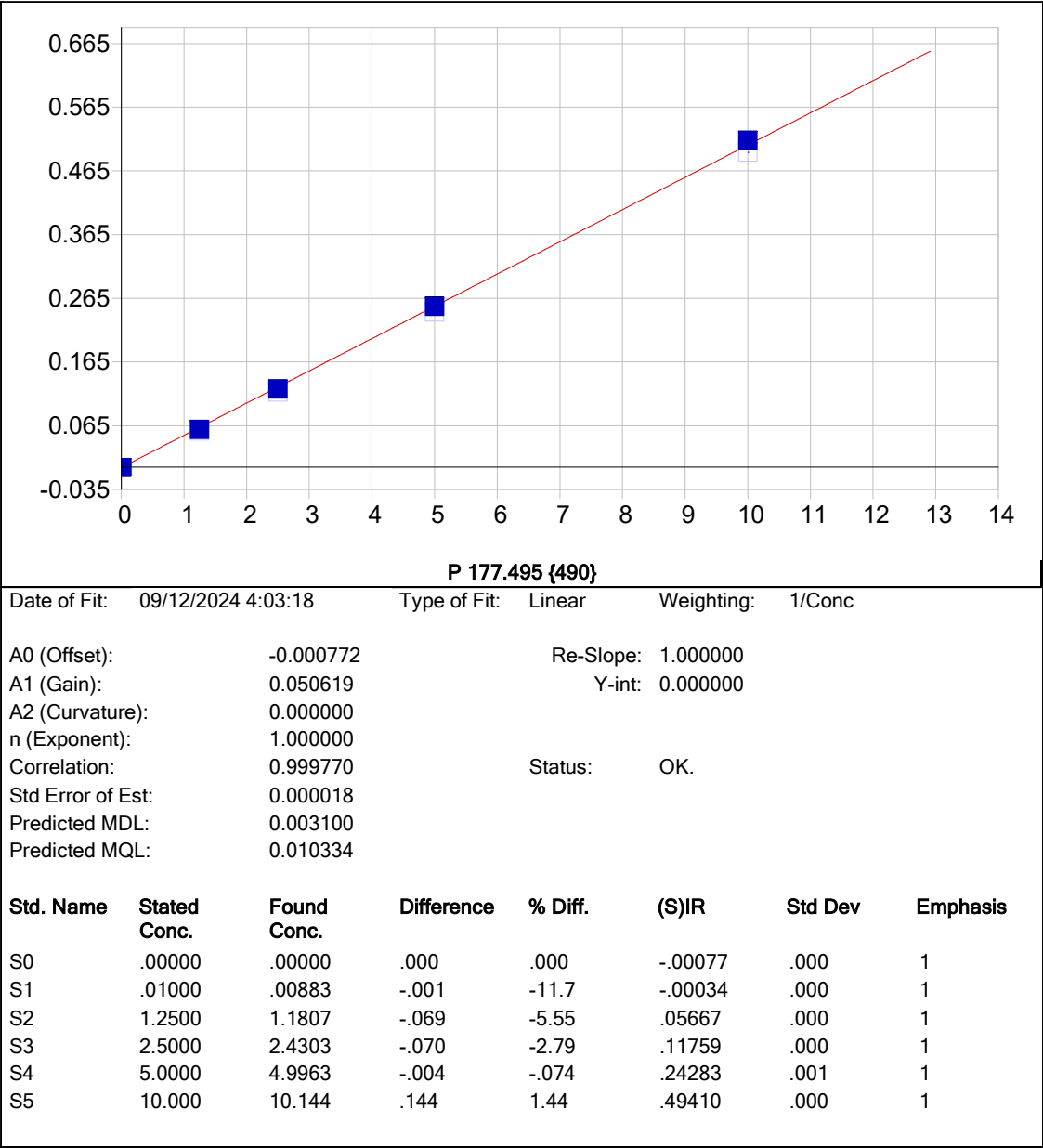


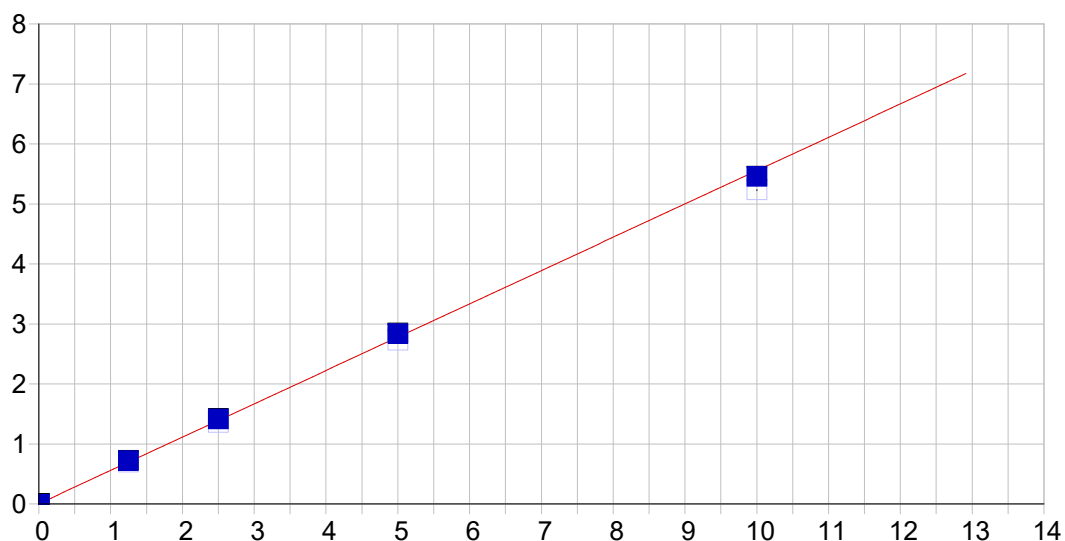
K 769.896 { 44}

Date of Fit: 09/12/2024 4:03:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.079470 Re-Slope: 1.000000  
 A1 (Gain): 0.026815 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999628 Status: OK.  
 Std Error of Est: 0.001508  
 Predicted MDL: 0.148271  
 Predicted MQL: 0.494237

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00078      | .001       | .000    | .07949 | .003    | 1        |
| S1        | 5.0000       | 4.6494      | -.351      | -7.01   | .20414 | .001    | 1        |
| S2        | 37.500       | 35.141      | -2.36      | -6.29   | 1.0218 | .004    | 1        |
| S3        | 75.000       | 72.121      | -2.88      | -3.84   | 2.0134 | .003    | 1        |
| S4        | 150.00       | 149.23      | -.766      | -.511   | 4.0811 | .007    | 1        |
| S5        | 300.00       | 306.35      | 6.35       | 2.12    | 8.2943 | .008    | 1        |



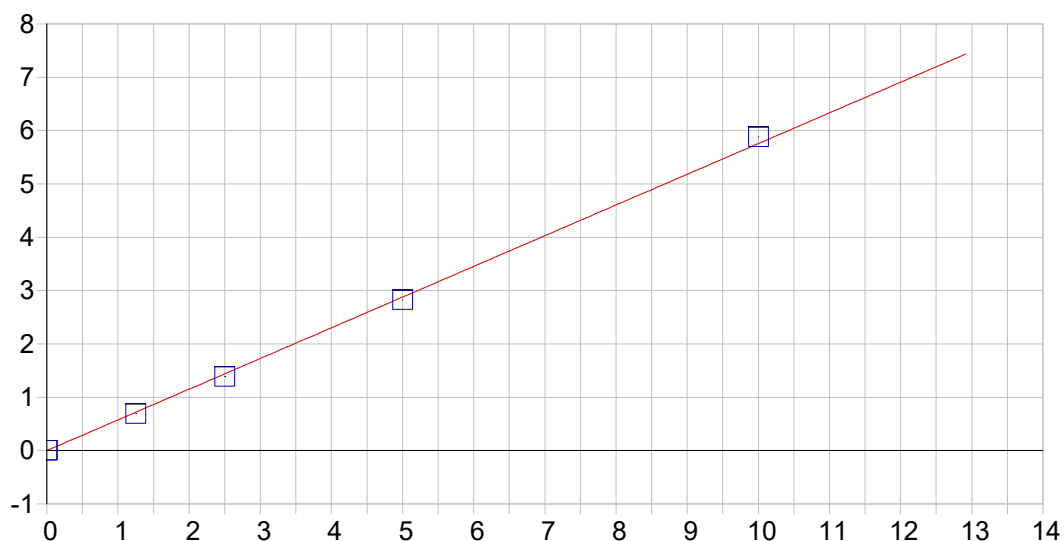


**B 249.678 {135}**

Date of Fit: 09/12/2024 4:03:18      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.002217 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.555269 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999532 | Status:   | OK.      |
| Std Error of Est: | 0.000273 |           |          |
| Predicted MDL:    | 0.001350 |           |          |
| Predicted MQL:    | 0.004499 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00222 | .000    | 1        |
| S1        | .01000       | .00073      | -.009      | -92.7   | .00257 | .000    | 1        |
| S2        | 1.2500       | 1.2940      | .044       | 3.52    | .69275 | .003    | 1        |
| S3        | 2.5000       | 2.5410      | .041       | 1.64    | 1.3572 | .009    | 1        |
| S4        | 5.0000       | 5.1036      | .104       | 2.07    | 2.7240 | .013    | 1        |
| S5        | 10.000       | 9.8209      | -.179      | -1.79   | 5.2314 | .008    | 1        |

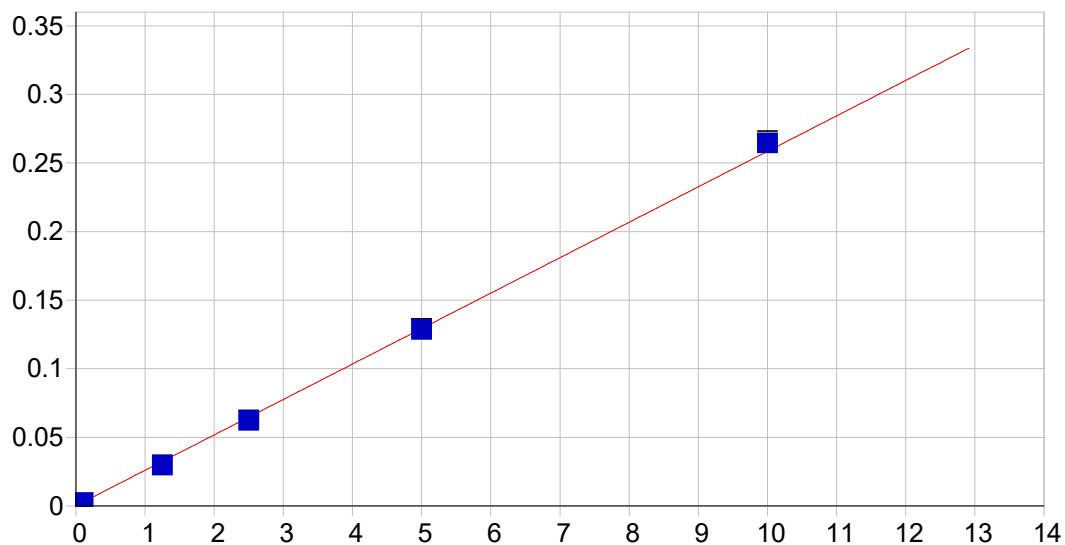


Mo 202.030 {467}

Date of Fit: 09/12/2024 4:03:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000463 Re-Slope: 1.000000  
 A1 (Gain): 0.575649 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999700 Status: OK.  
 Std Error of Est: 0.000237  
 Predicted MDL: 0.000445  
 Predicted MQL: 0.001484

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00046 | .000    | 1        |
| S1        | .01000       | .00976      | -.000      | -2.40   | .00516  | .000    | 1        |
| S2        | 1.2500       | 1.2020      | -.048      | -3.84   | .69146  | .001    | 1        |
| S3        | 2.5000       | 2.4136      | -.086      | -3.46   | 1.3889  | .001    | 1        |
| S4        | 5.0000       | 4.9128      | -.087      | -1.74   | 2.8276  | .003    | 1        |
| S5        | 10.000       | 10.222      | .222       | 2.22    | 5.8837  | .004    | 1        |

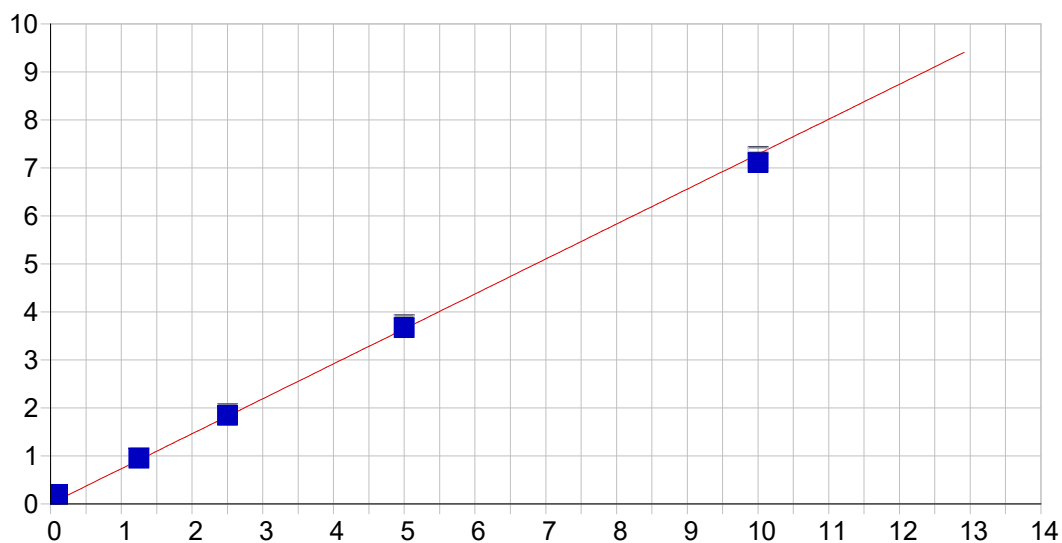


**S 182.034 {485}**

Date of Fit: 09/12/2024 4:03:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000124 Re-Slope: 1.000000  
 A1 (Gain): 0.025836 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999467 Status: OK.  
 Std Error of Est: 0.000045  
 Predicted MDL: 0.006180  
 Predicted MQL: 0.020599

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00013 | .000    | 1        |
| S1        | .10000       | .08542      | -.015      | -14.6   | .00233 | .000    | 1        |
| S2        | 1.2500       | 1.1465      | -.104      | -8.28   | .02975 | .000    | 1        |
| S3        | 2.5000       | 2.4060      | -.094      | -3.76   | .06229 | .000    | 1        |
| S4        | 5.0000       | 4.9730      | -.027      | -.539   | .12862 | .001    | 1        |
| S5        | 10.000       | 10.239      | .239       | 2.39    | .26468 | .001    | 1        |

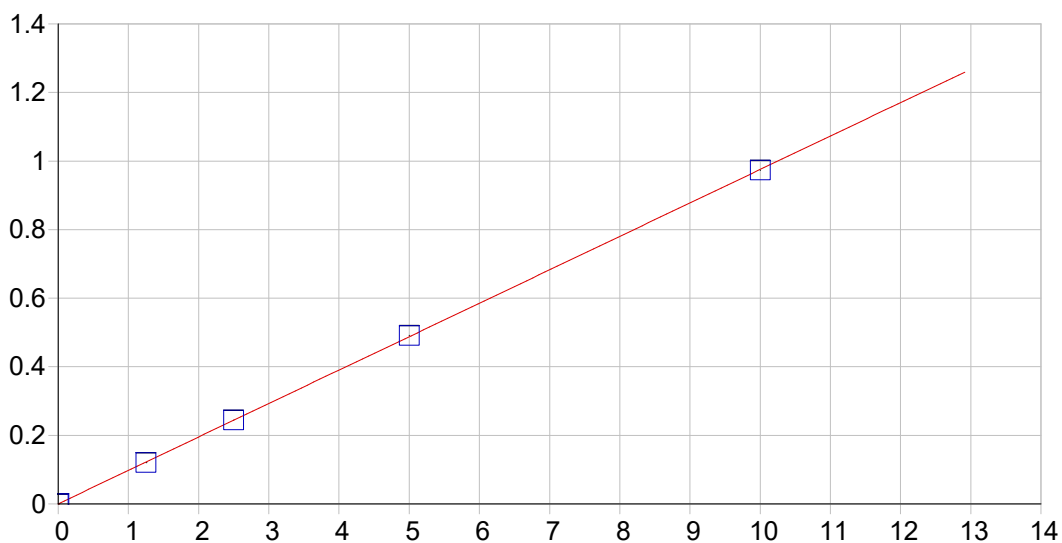


Si 251.611 {134}

Date of Fit: 09/12/2024 4:03:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005672 Re-Slope: 1.000000  
 A1 (Gain): 0.728076 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.993366 Status: OK.  
 Std Error of Est: 0.004551  
 Predicted MDL: 0.000892  
 Predicted MQL: 0.002973

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00016     | -.000      | .000    | .00555 | .000    | 1        |
| S1        | .10000       | .25905      | .159       | 159.    | .19477 | .002    | 1        |
| S2        | 1.2500       | 1.2893      | .039       | 3.14    | .95906 | .005    | 1        |
| S3        | 2.5000       | 2.5204      | .020       | .818    | 1.8702 | .008    | 1        |
| S4        | 5.0000       | 5.0277      | .028       | .555    | 3.7251 | .012    | 1        |
| S5        | 10.000       | 9.7550      | -.245      | -2.45   | 7.2258 | .014    | 1        |

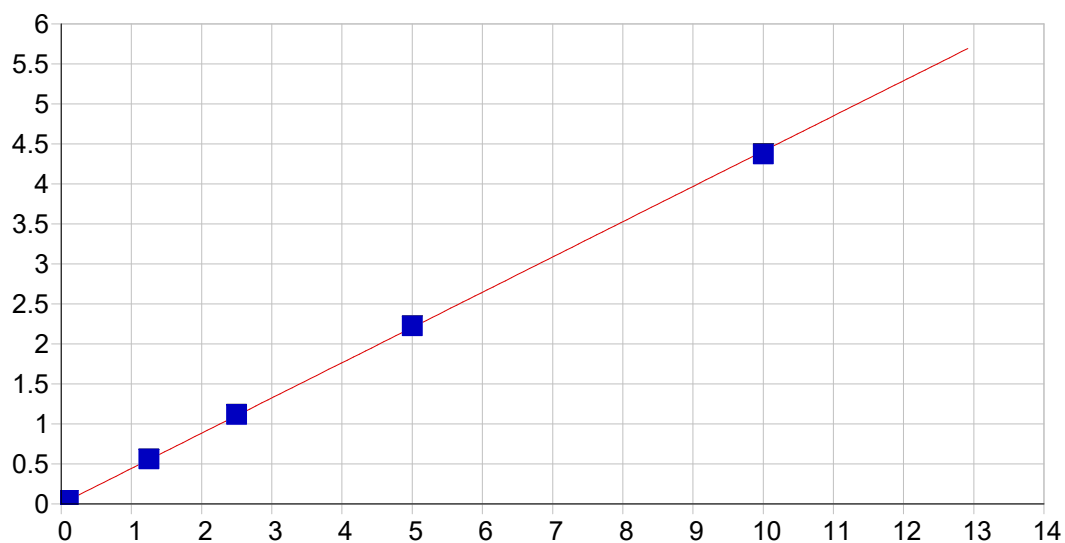


**Sn 189.989 {478}**

Date of Fit: 09/12/2024 4:03:18      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000226 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.097511 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999985 | Status:   | OK.      |
| Std Error of Est: | 0.000007 |           |          |
| Predicted MDL:    | 0.001637 |           |          |
| Predicted MQL:    | 0.005458 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00023 | .000    | 1        |
| S1        | .00700       | .00759      | .001       | 8.42    | .00097 | .000    | 1        |
| S2        | 1.2500       | 1.2346      | -.015      | -1.23   | .12061 | .000    | 1        |
| S3        | 2.5000       | 2.5013      | .001       | .052    | .24413 | .000    | 1        |
| S4        | 5.0000       | 5.0367      | .037       | .733    | .49135 | .001    | 1        |
| S5        | 10.000       | 9.9769      | -.023      | -.231   | .97308 | .001    | 1        |

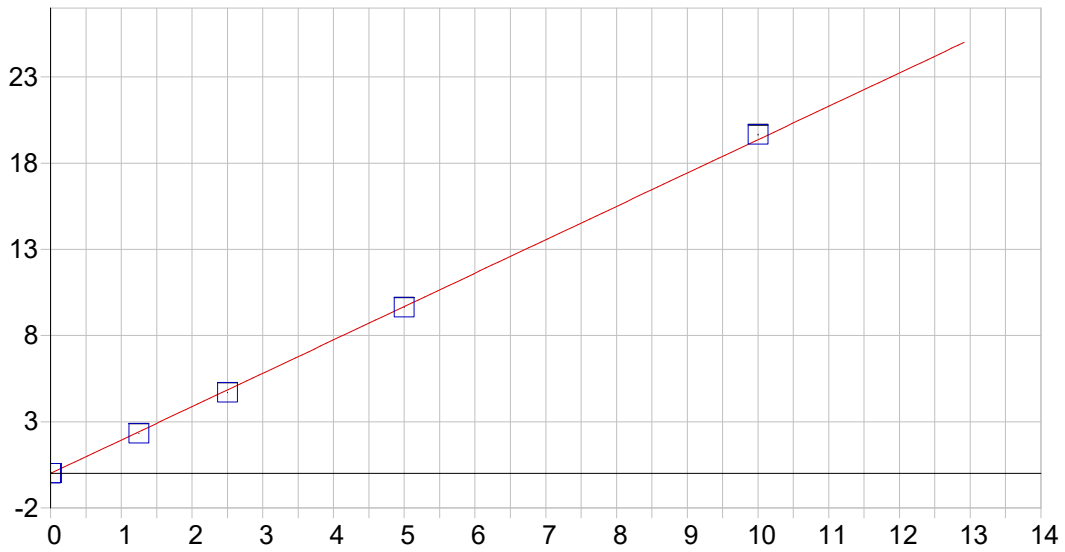


**Ti 336.121 {100}**

Date of Fit: 09/12/2024 4:03:18      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001974 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.440658 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999963 | Status:   | OK.      |
| Std Error of Est: | 0.000201 |           |          |
| Predicted MDL:    | 0.001830 |           |          |
| Predicted MQL:    | 0.006100 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00197 | .000    | 1        |
| S1        | .10000       | .10085      | .001       | .853    | .04640 | .001    | 1        |
| S2        | 1.2500       | 1.2641      | .014       | 1.13    | .55874 | .003    | 1        |
| S3        | 2.5000       | 2.5246      | .025       | .985    | 1.1139 | .005    | 1        |
| S4        | 5.0000       | 5.0407      | .041       | .814    | 2.2221 | .005    | 1        |
| S5        | 10.000       | 9.9197      | -.080      | -.803   | 4.3710 | .007    | 1        |

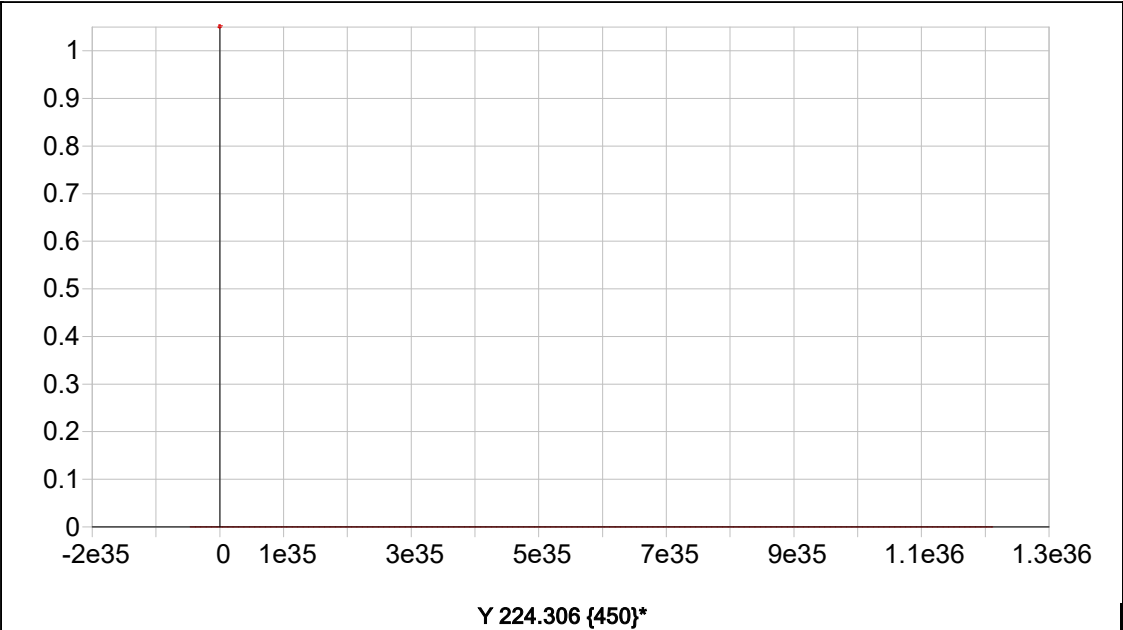


Li 670.784 { 50}

Date of Fit: 09/12/2024 4:03:18 Type of Fit: Linear Weighting: 1/Conc

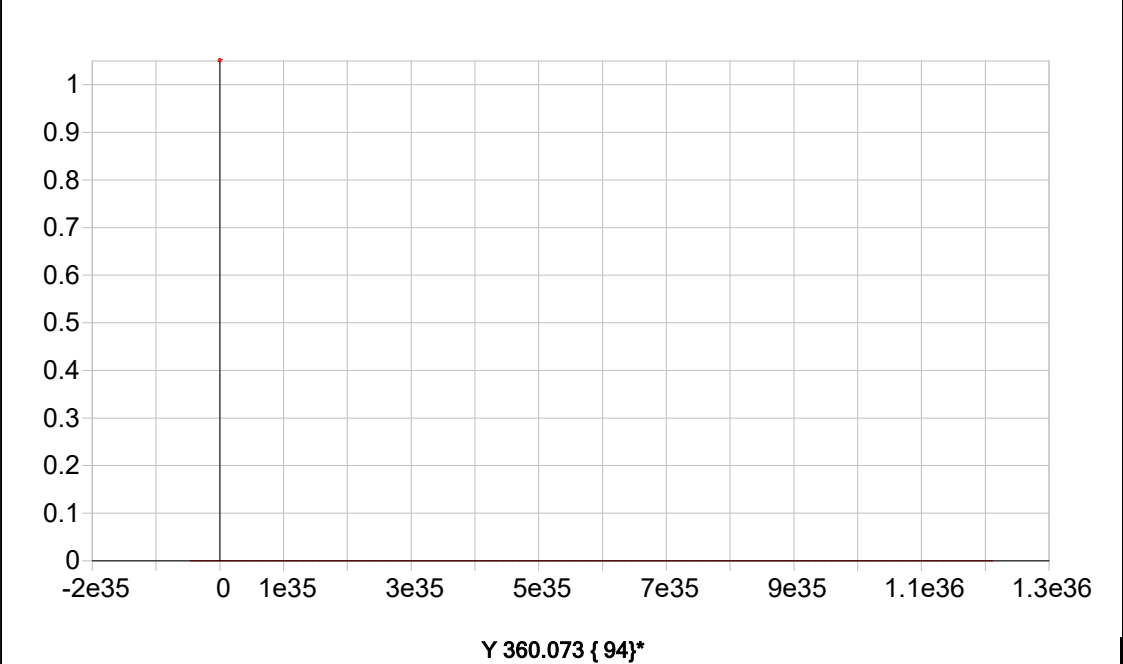
A0 (Offset): 0.001770 Re-Slope: 1.000000  
A1 (Gain): 1.936304 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999814 Status: OK.  
Std Error of Est: 0.000767  
Predicted MDL: 0.001718  
Predicted MQL: 0.005727

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00177 | .004    | 1        |
| S5        | 10.000       | 10.153      | .153       | 1.53    | 19.660 | .030    | 1        |
| S4        | 5.0000       | 4.9757      | -.024      | -.486   | 9.6363 | .007    | 1        |
| S3        | 2.5000       | 2.4254      | -.075      | -2.99   | 4.6980 | .011    | 1        |
| S2        | 1.2500       | 1.1964      | -.054      | -4.29   | 2.3183 | .004    | 1        |
| S1        | .01500       | .01491      | -.000      | -.617   | .03064 | .000    | 1        |

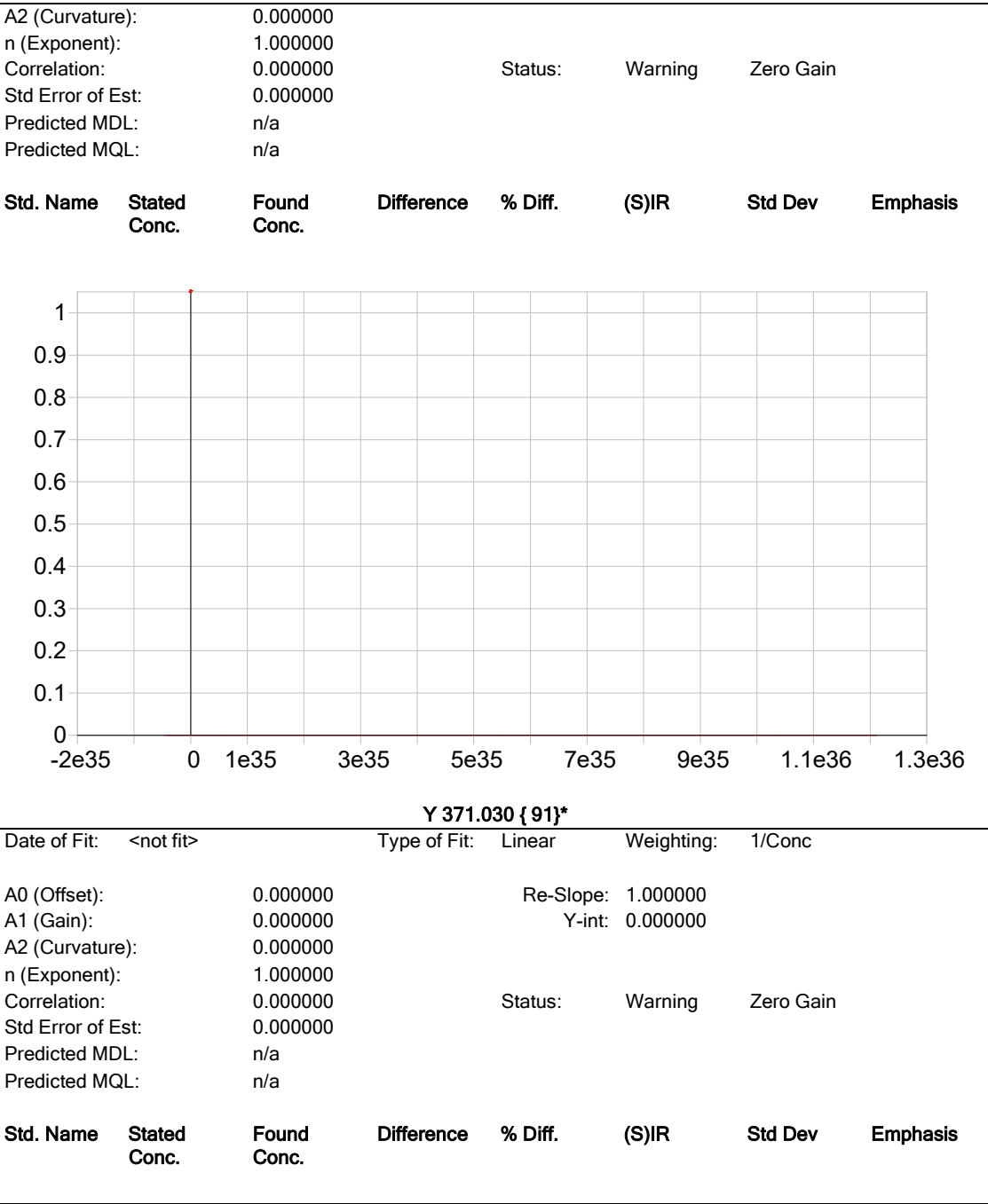


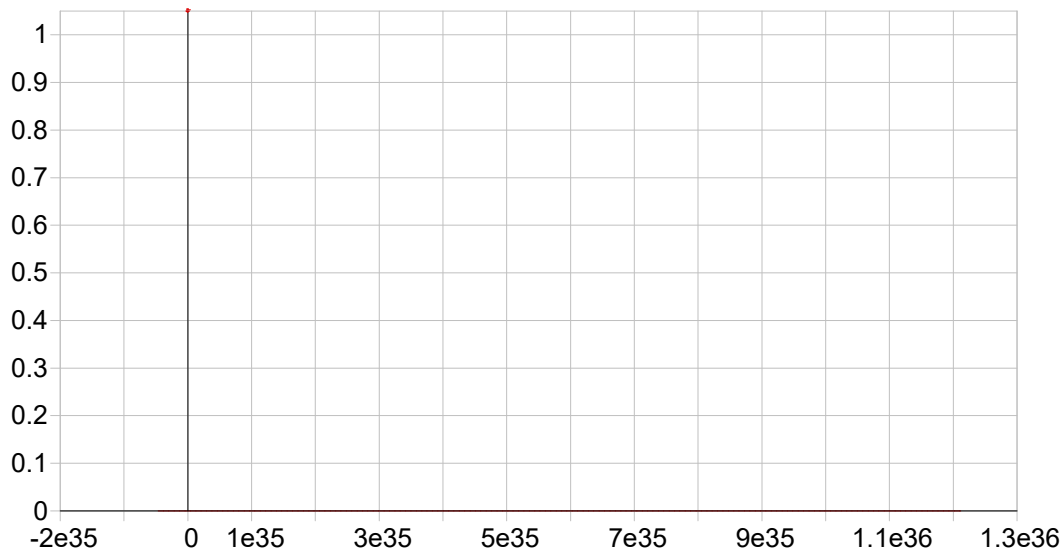
|                   |           |              |          |            |        |
|-------------------|-----------|--------------|----------|------------|--------|
| Date of Fit:      | <not fit> | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000  | Re-Slope:    | 1.000000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

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



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

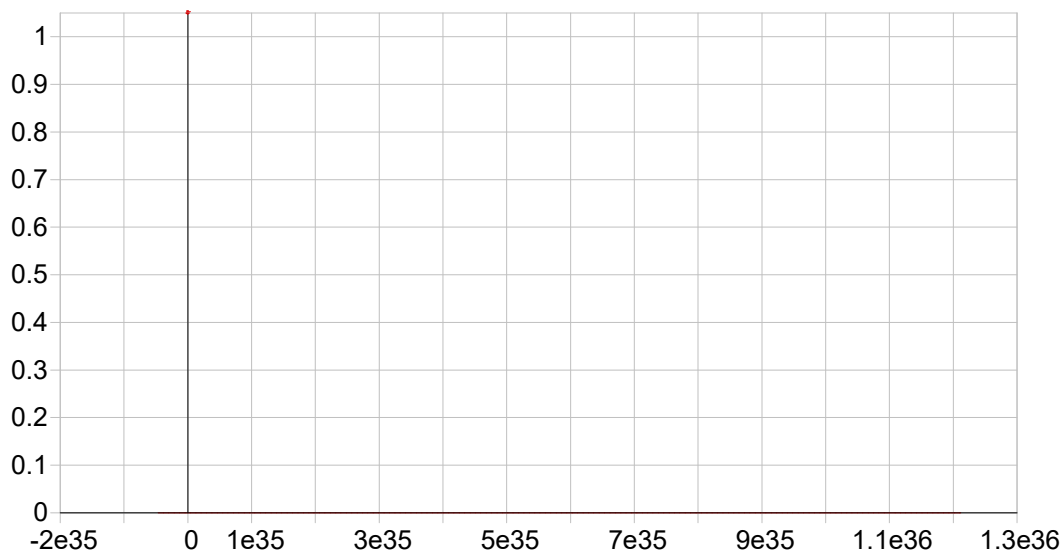




Y 224.306 {150}\*

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

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



In 230.606 {446}\*

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

