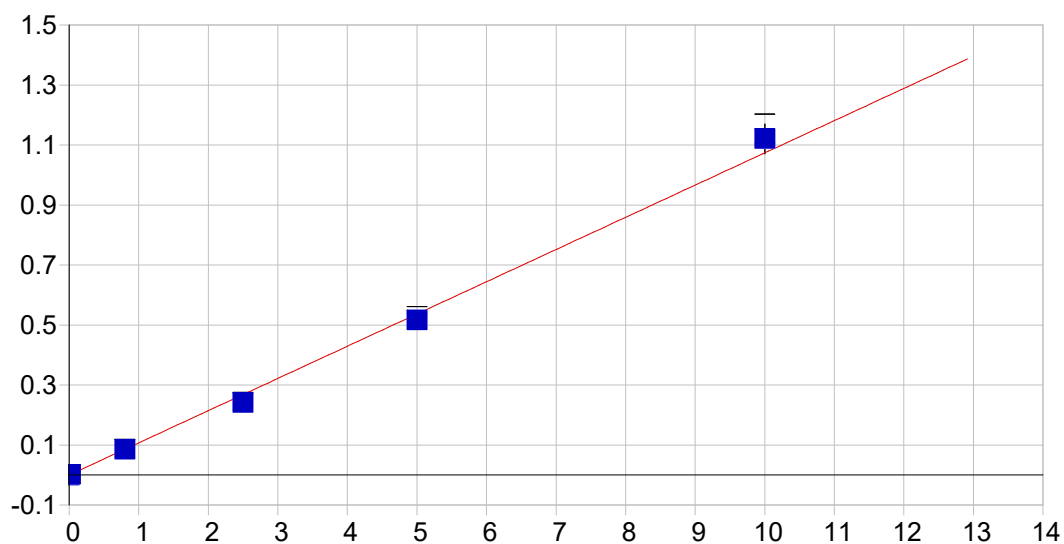


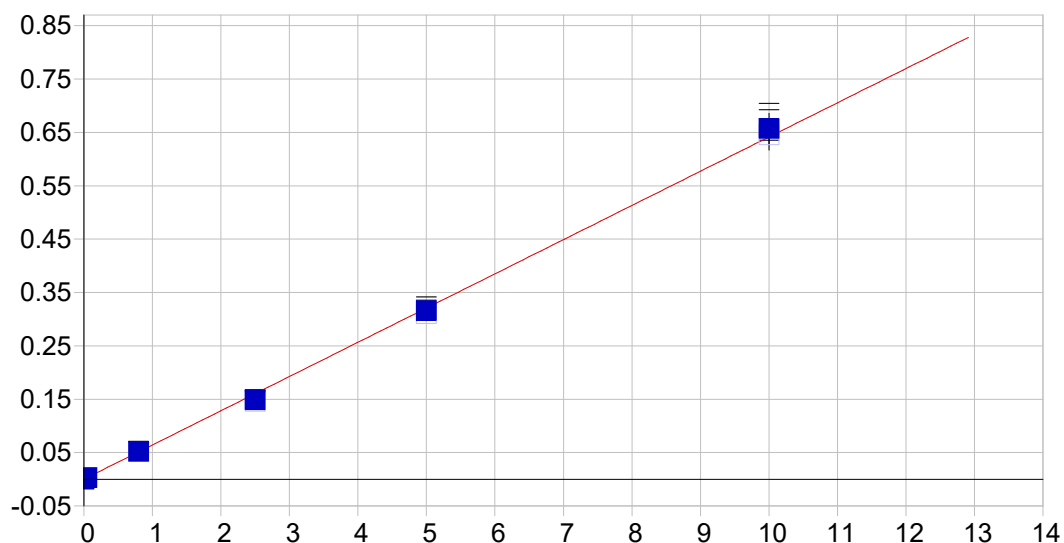


**As 189.042 {479}**

Date of Fit: 7/20/2024 14:30:17      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000344 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.107410  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.998589  | Status:   | OK.      |
| Std Error of Est: | 0.000134  |           |          |
| Predicted MDL:    | 0.001576  |           |          |
| Predicted MQL:    | 0.005252  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00034 | .000    | 1        |
| S1        | .02000       | .02255      | .003       | 12.8    | .00207  | .000    | 1        |
| S3        | 2.5000       | 2.2496      | -.250      | -10.0   | .24102  | .001    | 1        |
| S4        | 5.0000       | 4.8125      | -.187      | -3.75   | .51605  | .012    | 1        |
| S5        | 10.000       | 10.439      | .439       | 4.39    | 1.1198  | .050    | 1        |
| S2        | .80000       | .79669      | -.003      | -.414   | .08514  | .000    | 1        |

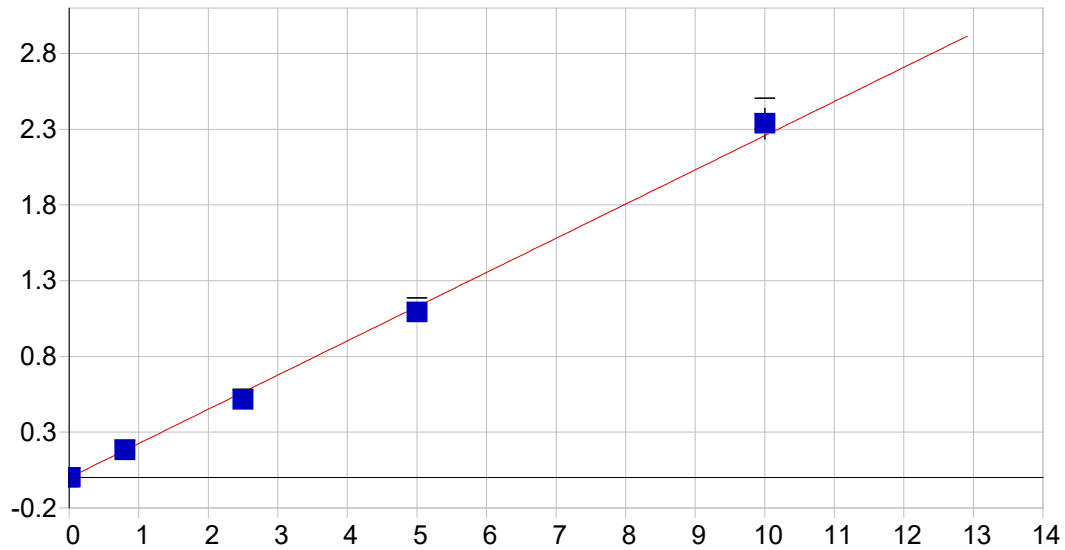


TI 190.856 {477}

Date of Fit: 7/20/2024 14:30:17      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000064 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.064132 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999399 | Status:   | OK.      |
| Std Error of Est: | 0.000072 |           |          |
| Predicted MDL:    | 0.001389 |           |          |
| Predicted MQL:    | 0.004631 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00006 | .000    | 1        |
| S1        | .04000       | .04159      | .002       | 3.98    | .00257 | .000    | 1        |
| S3        | 2.5000       | 2.3138      | -.186      | -7.45   | .14550 | .001    | 1        |
| S4        | 5.0000       | 4.9262      | -.074      | -1.48   | .31009 | .007    | 1        |
| S5        | 10.000       | 10.245      | .245       | 2.45    | .64528 | .029    | 1        |
| S2        | .80000       | .81357      | .014       | 1.70    | .05130 | .001    | 1        |

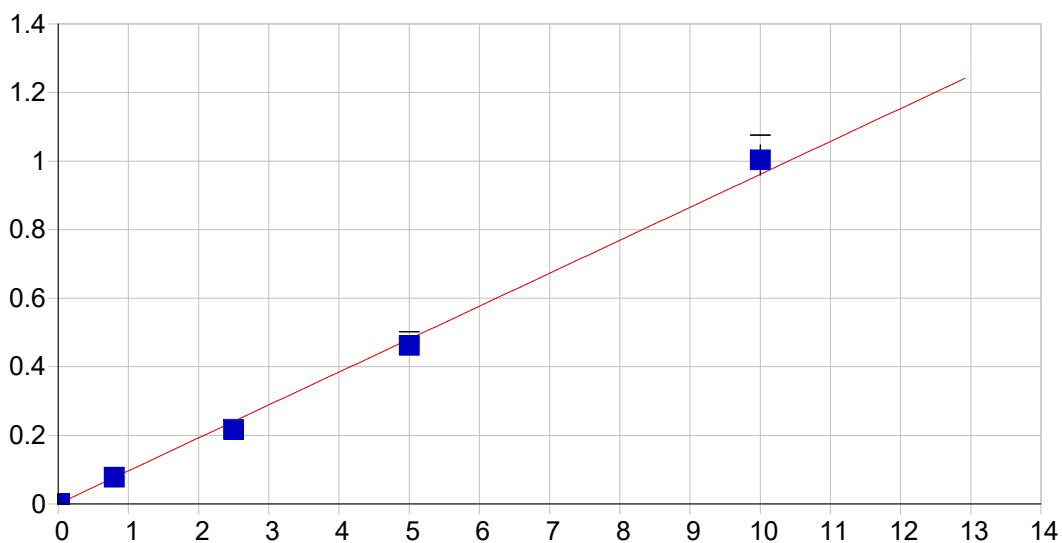


**Pb 220.353 {453}**

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000254 Re-Slope: 1.000000  
A1 (Gain): 0.225759 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999000 Status: OK.  
Std Error of Est: 0.000183  
Predicted MDL: 0.001021  
Predicted MQL: 0.003402

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00025 | .000    | 1        |
| S1        | .01200       | .01460      | .003       | 21.7    | .00299  | .000    | 1        |
| S3        | 2.5000       | 2.2855      | -.215      | -8.58   | .51512  | .003    | 1        |
| S4        | 5.0000       | 4.8470      | -.153      | -3.06   | 1.0928  | .028    | 1        |
| S5        | 10.000       | 10.359      | .359       | 3.59    | 2.3361  | .102    | 1        |
| S2        | .80000       | .80576      | .006       | .720    | .18146  | .000    | 1        |

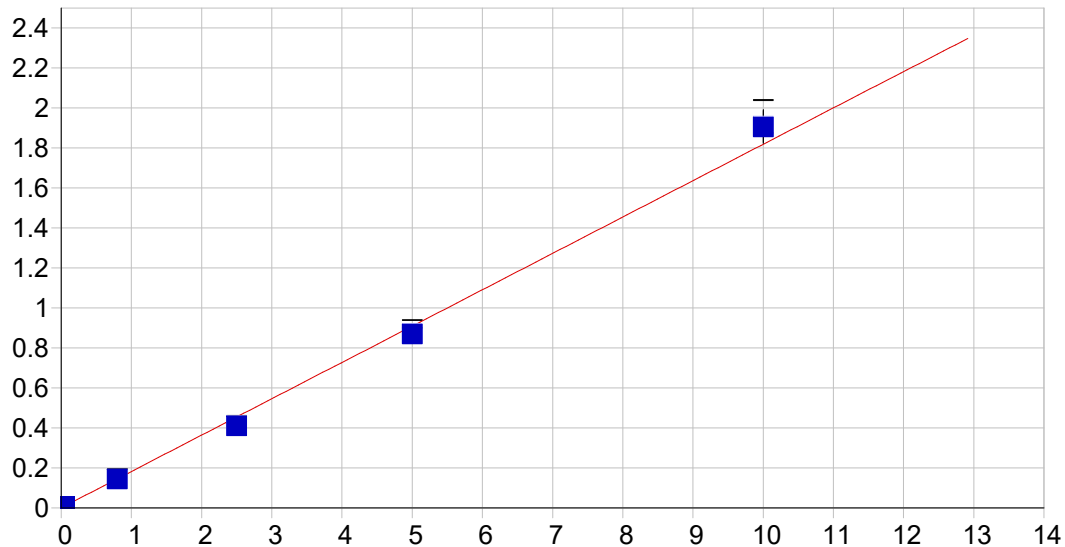


Se 196.090 {472}

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000364 Re-Slope: 1.000000  
 A1 (Gain): 0.096067 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998607 Status: OK.  
 Std Error of Est: 0.000119  
 Predicted MDL: 0.001979  
 Predicted MQL: 0.006595

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00036 | .000    | 1        |
| S1        | .02000       | .02181      | .002       | 9.07    | .00246 | .000    | 1        |
| S3        | 2.5000       | 2.2522      | -.248      | -9.91   | .21667 | .001    | 1        |
| S4        | 5.0000       | 4.8092      | -.191      | -3.82   | .46225 | .011    | 1        |
| S5        | 10.000       | 10.437      | .437       | 4.37    | 1.0028 | .044    | 1        |
| S2        | .80000       | .79971      | -.000      | -.036   | .07717 | .000    | 1        |

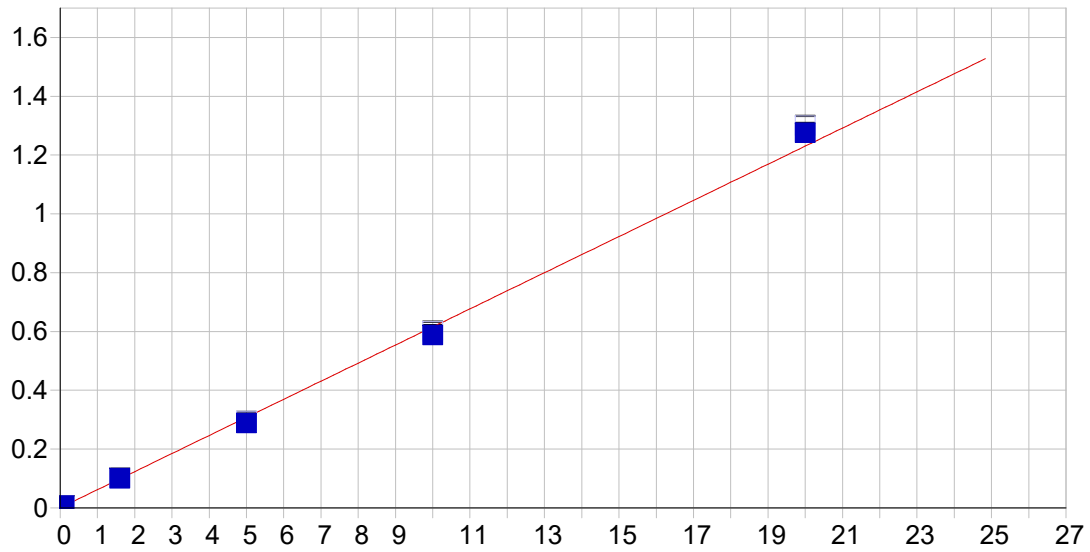


**Sb 206.833 {463}**

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000310 Re-Slope: 1.000000  
 A1 (Gain): 0.181819 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998466 Status: OK.  
 Std Error of Est: 0.000375  
 Predicted MDL: 0.001262  
 Predicted MQL: 0.004205

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00031 | .000    | 1        |
| S1        | .05000       | .05212      | .002       | 4.23    | .00981 | .000    | 1        |
| S3        | 2.5000       | 2.2530      | -.247      | -9.88   | .41119 | .001    | 1        |
| S4        | 5.0000       | 4.7796      | -.220      | -4.41   | .87180 | .020    | 1        |
| S5        | 10.000       | 10.474      | .474       | 4.74    | 1.9095 | .083    | 1        |
| S2        | .80000       | .79166      | -.008      | -1.04   | .14464 | .000    | 1        |

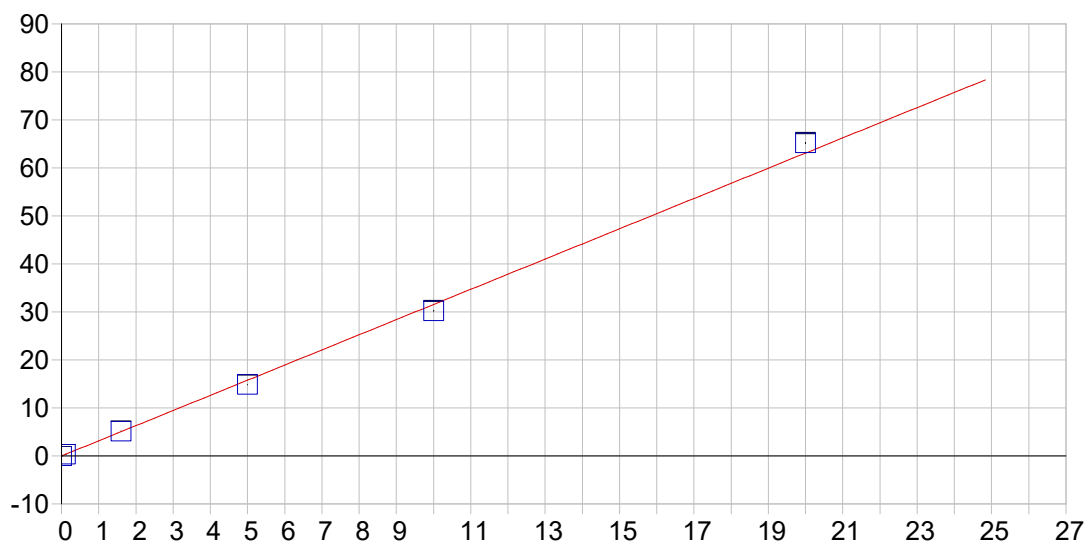


AI 396.152 { 85}

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000476 Re-Slope: 1.000000  
 A1 (Gain): 0.061499 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999102 Status: OK.  
 Std Error of Est: 0.000197  
 Predicted MDL: 0.006295  
 Predicted MQL: 0.020985

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00048 | .000    | 1        |
| S1        | .10000       | .10797      | .008       | 7.97    | .00759 | .000    | 1        |
| S3        | 5.0000       | 4.6827      | -.317      | -6.35   | .29442 | .000    | 1        |
| S4        | 10.000       | 9.5484      | -.452      | -4.52   | .59962 | .002    | 1        |
| S5        | 20.000       | 20.736      | .736       | 3.68    | 1.2996 | .002    | 1        |
| S2        | 1.6000       | 1.6244      | .024       | 1.53    | .10229 | .000    | 1        |

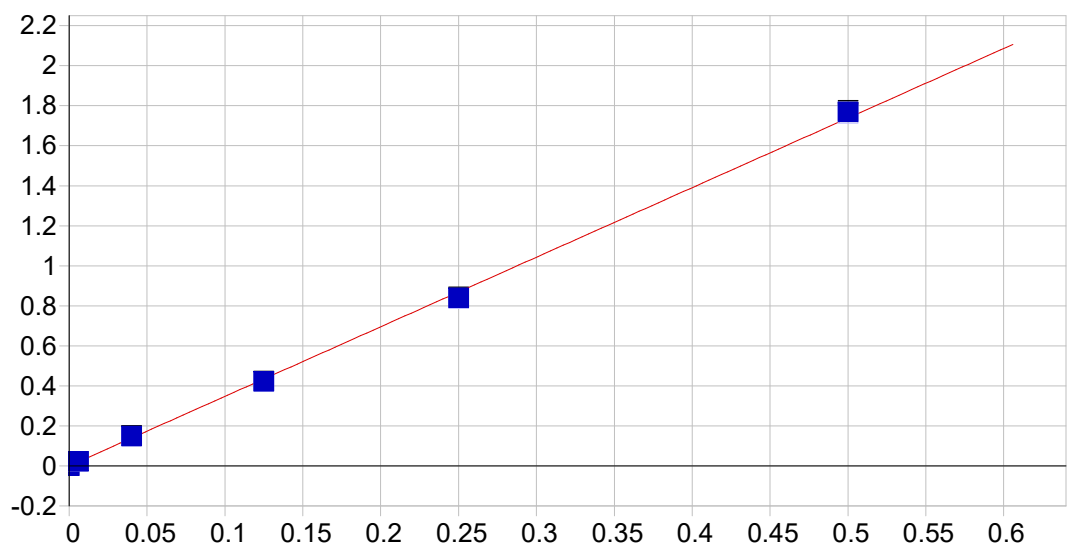


**Ba 493.409 { 68}**

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009452 Re-Slope: 1.000000  
 A1 (Gain): 3.155417 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999209 Status: OK.  
 Std Error of Est: 0.009313  
 Predicted MDL: 0.000436  
 Predicted MQL: 0.001452

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00946 | .002    | 1        |
| S1        | .10000       | .10778      | .008       | 7.78    | .33064  | .001    | 1        |
| S3        | 5.0000       | 4.7058      | -.294      | -5.88   | 14.839  | .031    | 1        |
| S4        | 10.000       | 9.5842      | -.416      | -4.16   | 30.233  | .099    | 1        |
| S5        | 20.000       | 20.663      | .663       | 3.32    | 65.191  | .114    | 1        |
| S2        | 1.6000       | 1.6390      | .039       | 2.44    | 5.1624  | .009    | 1        |



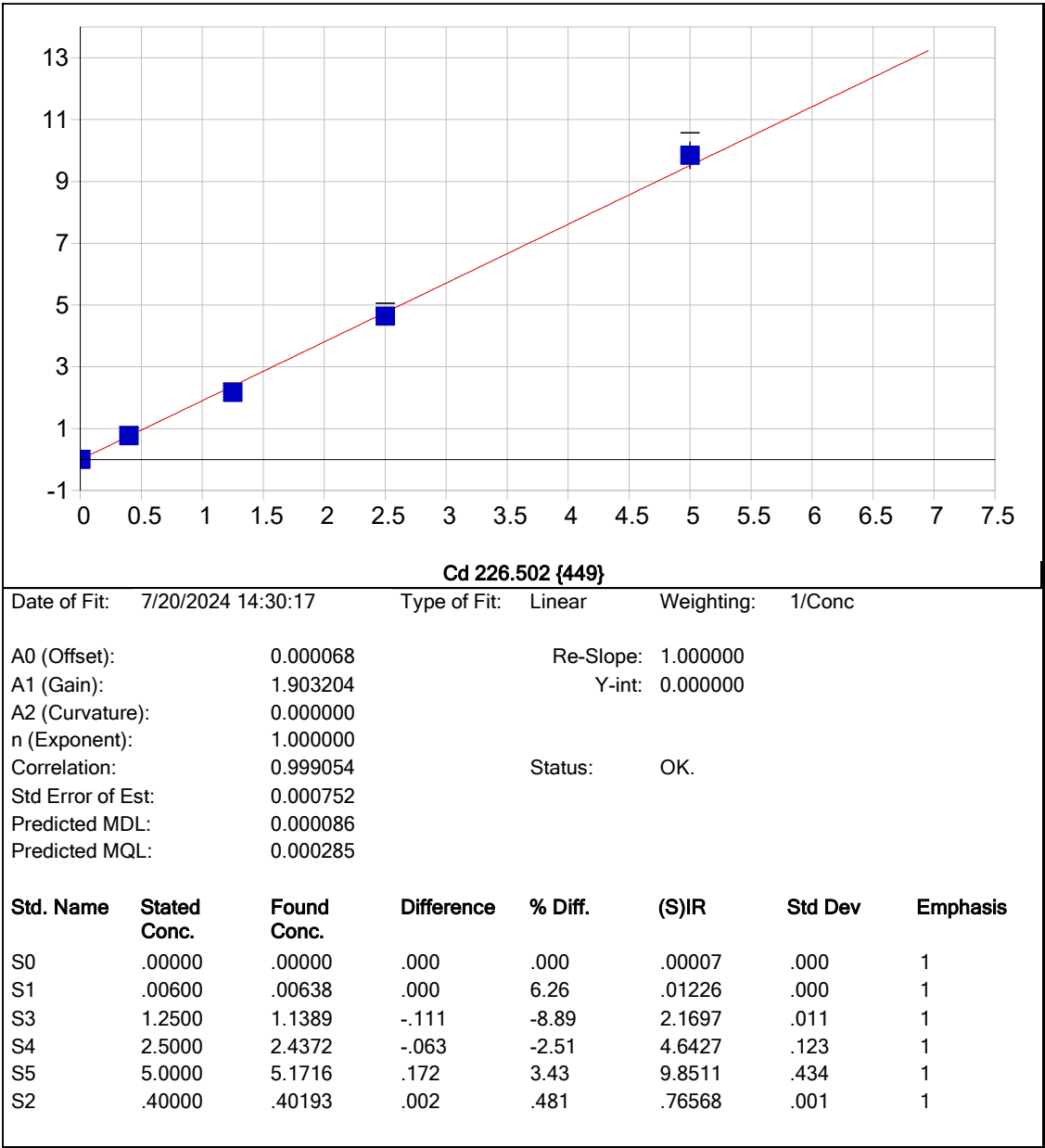
### Be 234.861 {144}

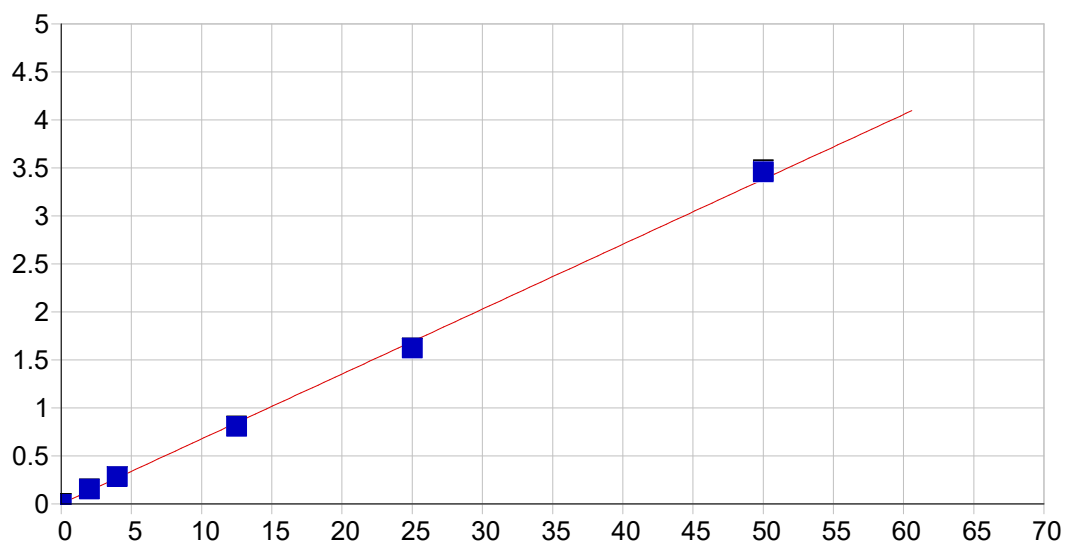
Date of Fit: 7/20/2024 14:30:17      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000259 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.476994  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999561  | Status:   | OK.      |
| Std Error of Est: | 0.000295  |           |          |
| Predicted MDL:    | 0.000058  |           |          |
| Predicted MQL:    | 0.000192  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00026 | .000    | 1        |
| S1        | .00600       | .00663      | .001       | 10.5    | .02264  | .000    | 1        |
| S3        | .12500       | .12140      | -.004      | -2.88   | .41988  | .002    | 1        |
| S4        | .25000       | .24141      | -.009      | -3.44   | .83523  | .005    | 1        |
| S5        | .50000       | .50890      | .009       | 1.78    | 1.7614  | .007    | 1        |
| S2        | .04000       | .04267      | .003       | 6.67    | .14748  | .002    | 1        |





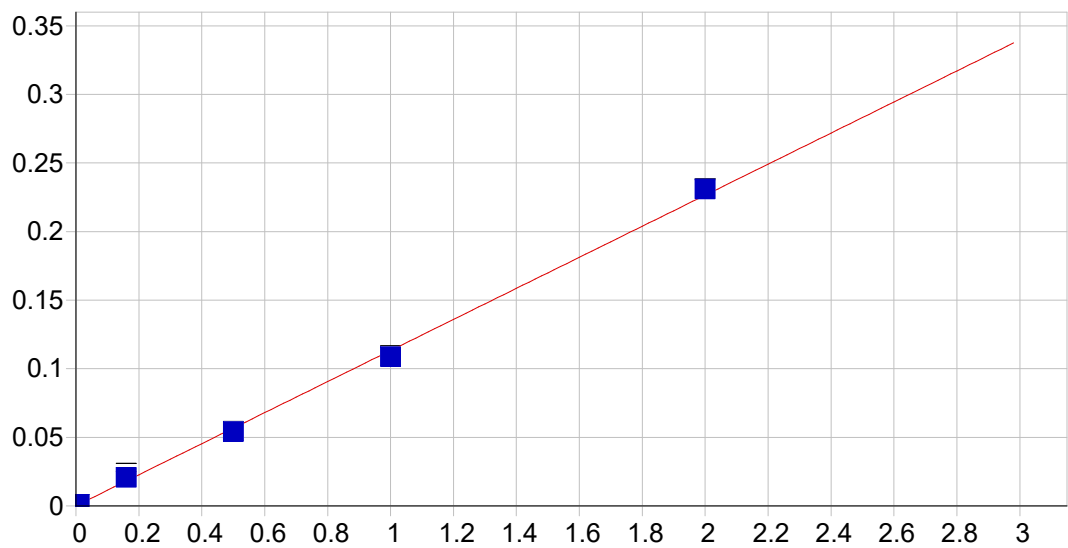


Ca 373.690 { 90}

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001588 Re-Slope: 1.000000  
 A1 (Gain): 0.067578 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999270 Status: OK.  
 Std Error of Est: 0.001363  
 Predicted MDL: 0.005423  
 Predicted MQL: 0.018075

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00022     | -.000      | .000    | .00157 | .000    | 1        |
| S2        | 4.0000       | 4.1685      | .168       | 4.21    | .28252 | .001    | 1        |
| S3        | 12.500       | 11.918      | -.582      | -4.66   | .80460 | .004    | 1        |
| S4        | 25.000       | 23.990      | -1.01      | -4.04   | 1.6180 | .002    | 1        |
| S5        | 50.000       | 51.163      | 1.16       | 2.33    | 3.4496 | .022    | 1        |
| S1        | 2.0000       | 2.2596      | .260       | 13.0    | .15419 | .000    | 1        |

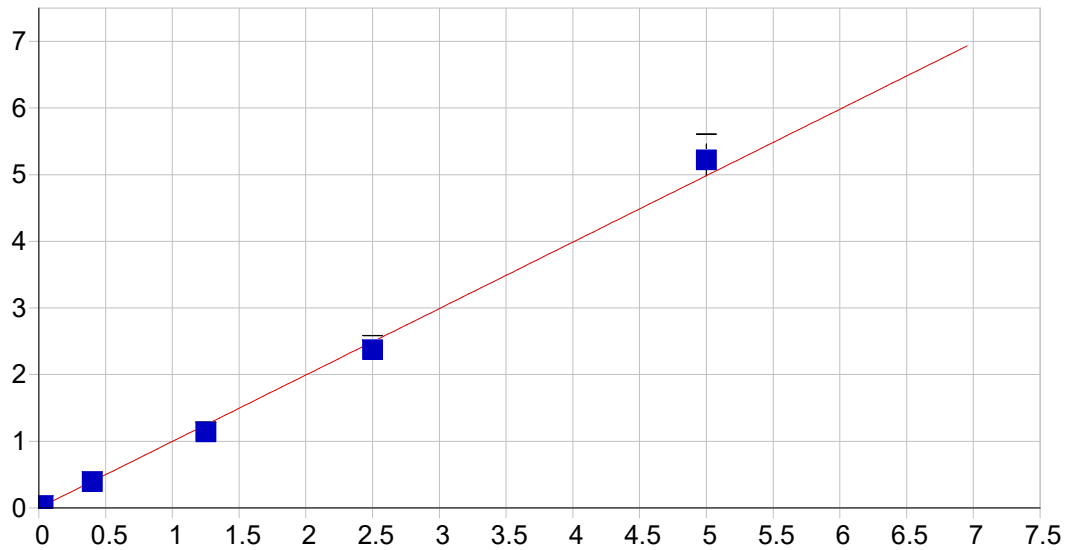


Cr 267.716 {126}

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000075 Re-Slope: 1.000000  
 A1 (Gain): 0.113236 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999111 Status: OK.  
 Std Error of Est: 0.000035  
 Predicted MDL: 0.000321  
 Predicted MQL: 0.001071

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00008 | .000    | 1        |
| S1        | .01000       | .01158      | .002       | 15.8    | .00139 | .000    | 1        |
| S3        | .50000       | .47789      | -.022      | -4.42   | .05421 | .000    | 1        |
| S4        | 1.0000       | .96018      | -.040      | -3.98   | .10884 | .001    | 1        |
| S5        | 2.0000       | 2.0385      | .038       | 1.92    | .23097 | .000    | 1        |
| S2        | .16000       | .18185      | .022       | 13.7    | .02067 | .003    | 1        |

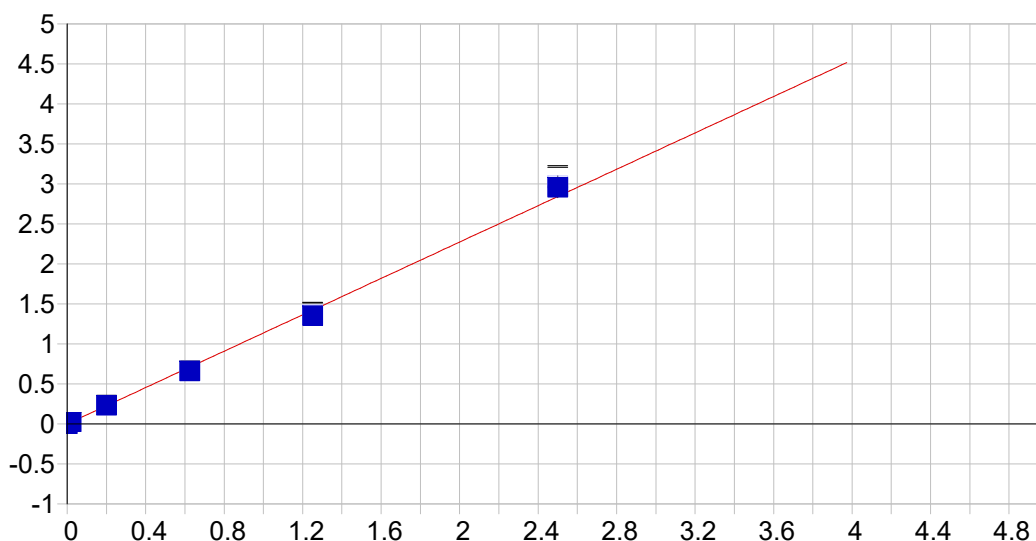


**Co 228.616 {448}**

Date of Fit: 7/20/2024 14:30:17      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000056 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.997015 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.998550 | Status:   | OK.      |
| Std Error of Est: | 0.001093 |           |          |
| Predicted MDL:    | 0.000169 |           |          |
| Predicted MQL:    | 0.000563 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00006 | .000    | 1        |
| S1        | .03000       | .03188      | .002       | 6.25    | .03171 | .000    | 1        |
| S3        | 1.2500       | 1.1404      | -.110      | -8.77   | 1.1391 | .006    | 1        |
| S4        | 2.5000       | 2.3790      | -.121      | -4.84   | 2.3762 | .063    | 1        |
| S5        | 5.0000       | 5.2352      | .235       | 4.70    | 5.2281 | .234    | 1        |
| S2        | .40000       | .39355      | -.006      | -1.61   | .39311 | .001    | 1        |

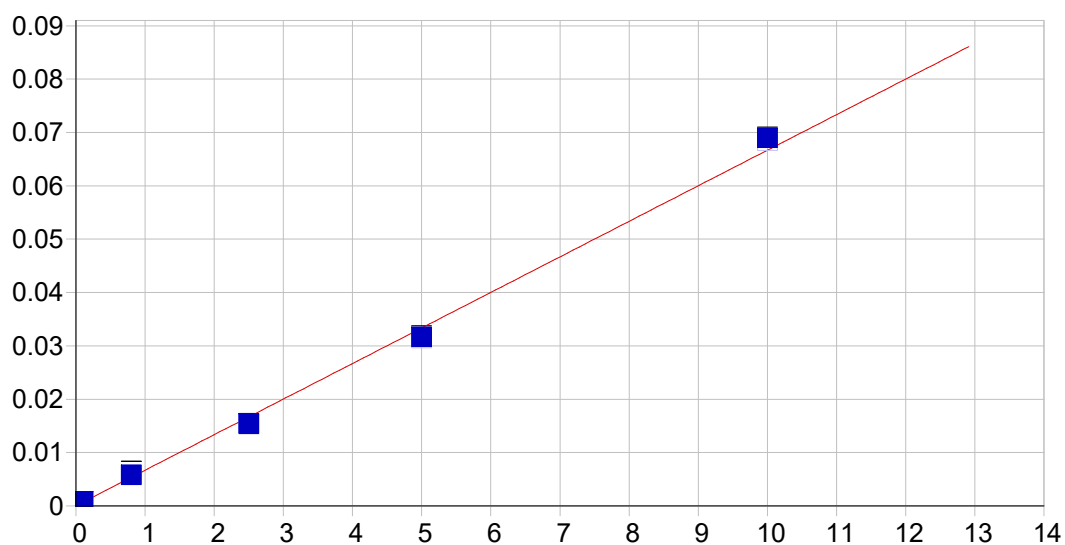


**Cu 224.700 {450}**

Date of Fit: 7/20/2024 14:30:17      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000251 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.136874  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.998887  | Status:   | OK.      |
| Std Error of Est: | 0.000634  |           |          |
| Predicted MDL:    | 0.000313  |           |          |
| Predicted MQL:    | 0.001045  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00025 | .001    | 1        |
| S1        | .02000       | .02202      | .002       | 10.1    | .02499  | .000    | 1        |
| S3        | .62500       | .57970      | -.045      | -7.25   | .66358  | .002    | 1        |
| S4        | 1.2500       | 1.1903      | -.060      | -4.77   | 1.3626  | .034    | 1        |
| S5        | 2.5000       | 2.6000      | .100       | 4.00    | 2.9748  | .129    | 1        |
| S2        | .20000       | .20291      | .003       | 1.46    | .23197  | .001    | 1        |

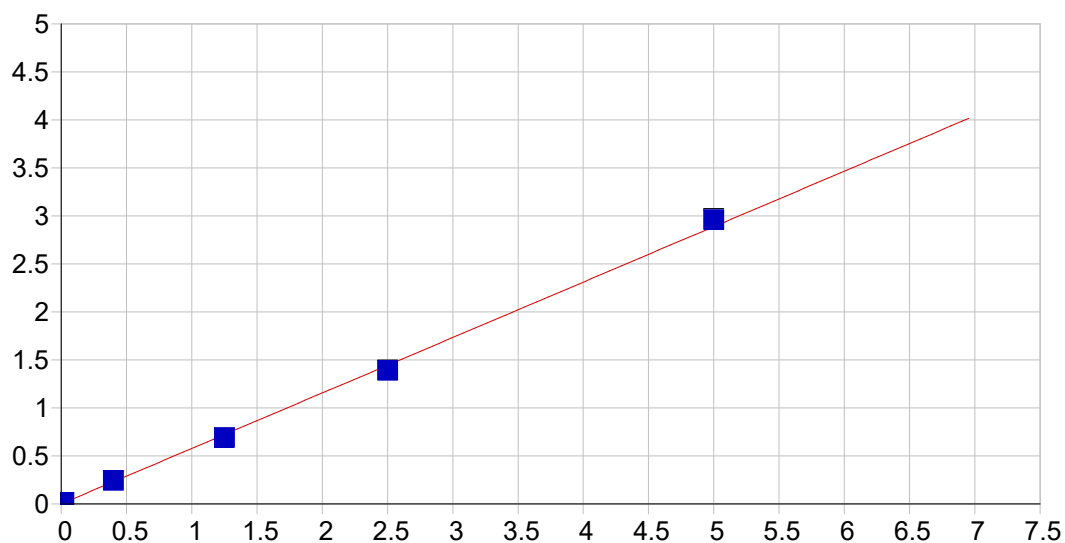


**Fe 240.488 {140}**

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000031 Re-Slope: 1.000000  
 A1 (Gain): 0.006665 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998656 Status: OK.  
 Std Error of Est: 0.000018  
 Predicted MDL: 0.002673  
 Predicted MQL: 0.008909

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00003 | .000    | 1        |
| S1        | .10000       | .11851      | .019       | 18.5    | .00081 | .000    | 1        |
| S3        | 2.5000       | 2.3091      | -.191      | -7.64   | .01528 | .000    | 1        |
| S4        | 5.0000       | 4.7522      | -.248      | -4.96   | .03142 | .000    | 1        |
| S5        | 10.000       | 10.350      | .350       | 3.50    | .06844 | .000    | 1        |
| S2        | .80000       | .87000      | .070       | 8.75    | .00578 | .001    | 1        |

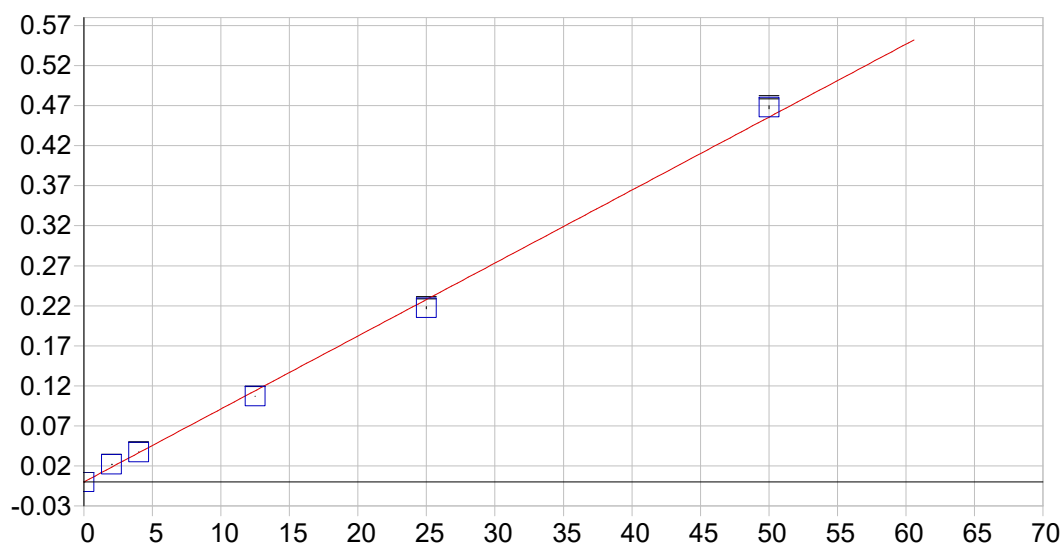


**Mn 257.610 {131}**

Date of Fit: 7/20/2024 14:30:17      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000393 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.577552 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999395 | Status:   | OK.      |
| Std Error of Est: | 0.000333 |           |          |
| Predicted MDL:    | 0.000227 |           |          |
| Predicted MQL:    | 0.000756 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00039 | .000    | 1        |
| S1        | .02000       | .02367      | .004       | 18.3    | .01407 | .000    | 1        |
| S3        | 1.2500       | 1.1913      | -.059      | -4.70   | .68849 | .002    | 1        |
| S4        | 2.5000       | 2.4077      | -.092      | -3.69   | 1.3911 | .003    | 1        |
| S5        | 5.0000       | 5.1266      | .127       | 2.53    | 2.9616 | .007    | 1        |
| S2        | .40000       | .42070      | .021       | 5.18    | .24340 | .000    | 1        |



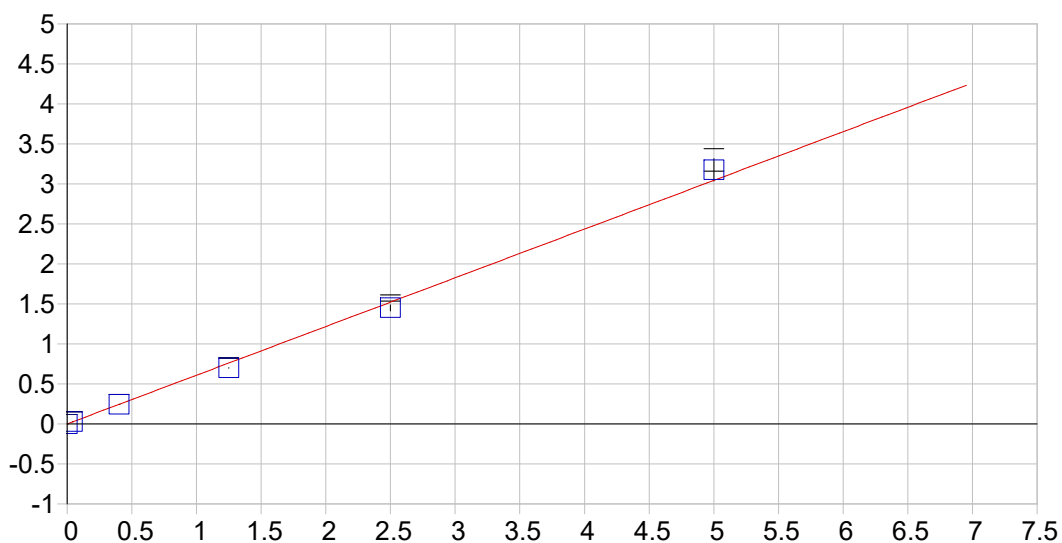
### Mg 279.079 {121}

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000048 Re-Slope: 1.000000  
 A1 (Gain): 0.009114 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998825 Status: OK.  
 Std Error of Est: 0.000234  
 Predicted MDL: 0.015416  
 Predicted MQL: 0.051385

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00030     | -.000      | .000    | -.00005 | .000    | 1        |
| S2        | 4.0000       | 4.0907      | .091       | 2.27    | .03723  | .000    | 1        |
| S3        | 12.500       | 11.739      | -.761      | -6.08   | .10694  | .000    | 1        |
| S4        | 25.000       | 23.882      | -1.12      | -4.47   | .21761  | .001    | 1        |
| S5        | 50.000       | 51.379      | 1.38       | 2.76    | .46820  | .002    | 1        |
| S1        | 2.0000       | 2.4087      | .409       | 20.4    | .02190  | .000    | 1        |



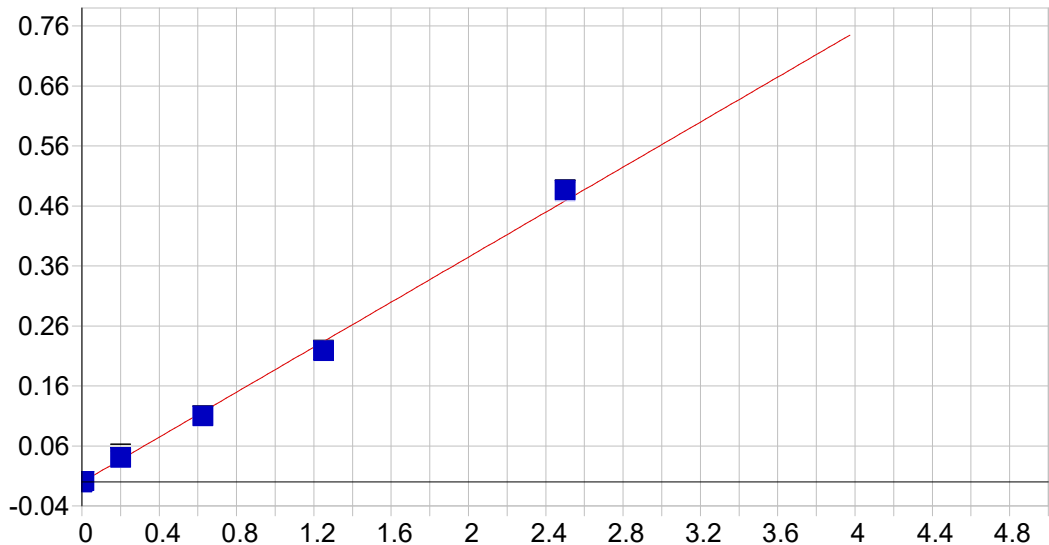


# **Ni 231.604 {446}**

Date of Fit: 7/20/2024 14:30:17      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000058 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.608827  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.998742  | Status:   | OK.      |
| Std Error of Est: | 0.000717  |           |          |
| Predicted MDL:    | 0.000272  |           |          |
| Predicted MQL:    | 0.000906  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00006 | .000    | 1        |
| S1        | .04000       | .04364      | .004       | 9.09    | .02651  | .000    | 1        |
| S3        | 1.2500       | 1.1487      | -.101      | -8.10   | .69933  | .004    | 1        |
| S4        | 2.5000       | 2.3839      | -.116      | -4.64   | 1.4513  | .038    | 1        |
| S5        | 5.0000       | 5.2149      | .215       | 4.30    | 3.1749  | .141    | 1        |
| S2        | .40000       | .39883      | -.001      | -.294   | .24276  | .001    | 1        |

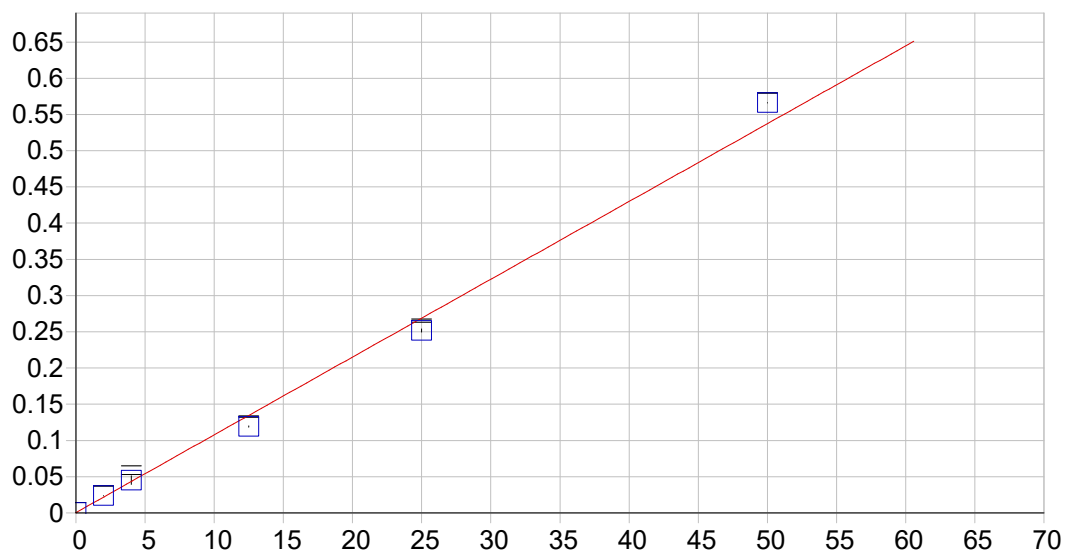


**Ag 328.068 {103}**

Date of Fit: 7/20/2024 14:30:17      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000480 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.187579  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.998580  | Status:   | OK.      |
| Std Error of Est: | 0.000083  |           |          |
| Predicted MDL:    | 0.000330  |           |          |
| Predicted MQL:    | 0.001100  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00048 | .000    | 1        |
| S1        | .01000       | .01129      | .001       | 12.9    | .00162  | .000    | 1        |
| S3        | .62500       | .58911      | -.036      | -5.74   | .10957  | .000    | 1        |
| S4        | 1.2500       | 1.1699      | -.080      | -6.41   | .21806  | .001    | 1        |
| S5        | 2.5000       | 2.5948      | .095       | 3.79    | .48445  | .001    | 1        |
| S2        | .20000       | .21993      | .020       | 9.96    | .04063  | .006    | 1        |

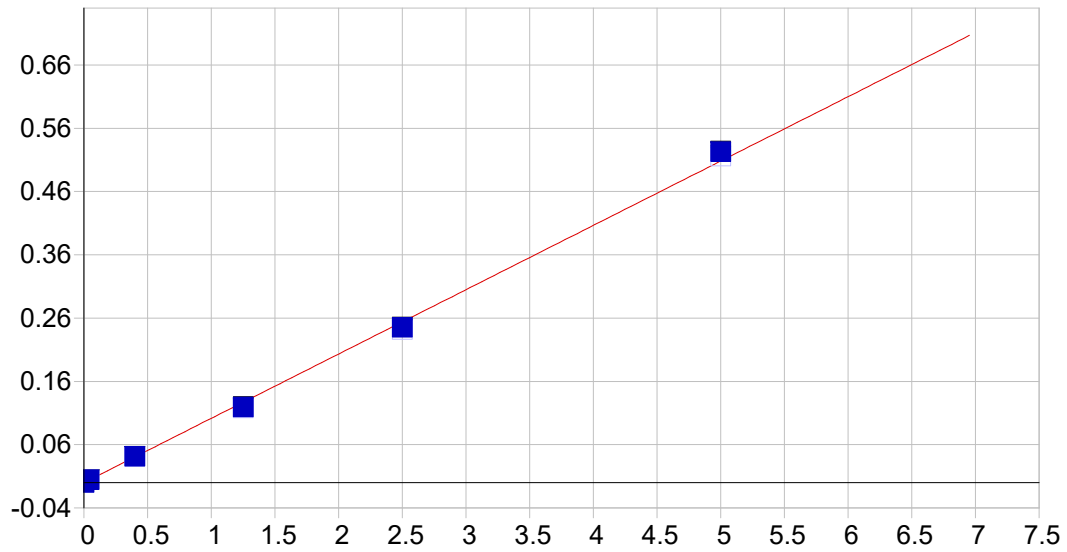


Na 589.592 { 57}

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000423 Re-Slope: 1.000000  
 A1 (Gain): 0.010737 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.997683 Status: OK.  
 Std Error of Est: 0.000387  
 Predicted MDL: 0.008630  
 Predicted MQL: 0.028767

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00042 | .000    | 1        |
| S2        | 4.0000       | 4.1755      | .176       | 4.39    | .04526 | .006    | 1        |
| S3        | 12.500       | 11.063      | -1.44      | -11.5   | .11921 | .001    | 1        |
| S4        | 25.000       | 23.400      | -1.60      | -6.40   | .25168 | .002    | 1        |
| S5        | 50.000       | 52.690      | 2.69       | 5.38    | .56616 | .000    | 1        |
| S1        | 2.0000       | 2.1706      | .171       | 8.53    | .02373 | .000    | 1        |

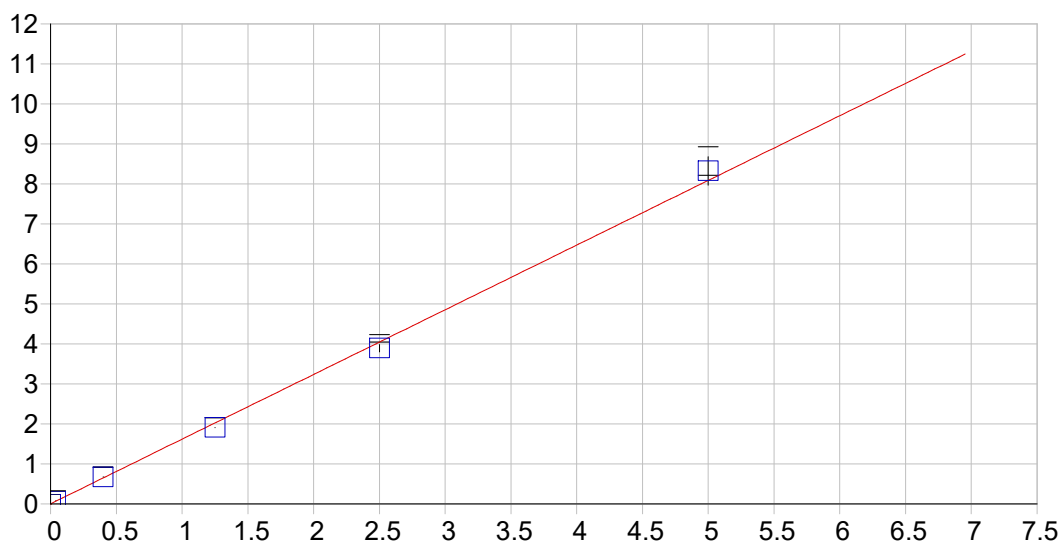


V 292.402 {115}

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000095 Re-Slope: 1.000000  
 A1 (Gain): 0.101664 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999286 Status: OK.  
 Std Error of Est: 0.000089  
 Predicted MDL: 0.001582  
 Predicted MQL: 0.005273

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00010 | .000    | 1        |
| S1        | .04000       | .04612      | .006       | 15.3    | .00444  | .000    | 1        |
| S3        | 1.2500       | 1.1763      | -.074      | -5.89   | .11764  | .000    | 1        |
| S4        | 2.5000       | 2.4131      | -.087      | -3.47   | .24153  | .000    | 1        |
| S5        | 5.0000       | 5.1460      | .146       | 2.92    | .51565  | .001    | 1        |
| S2        | .40000       | .40856      | .009       | 2.14    | .04085  | .000    | 1        |

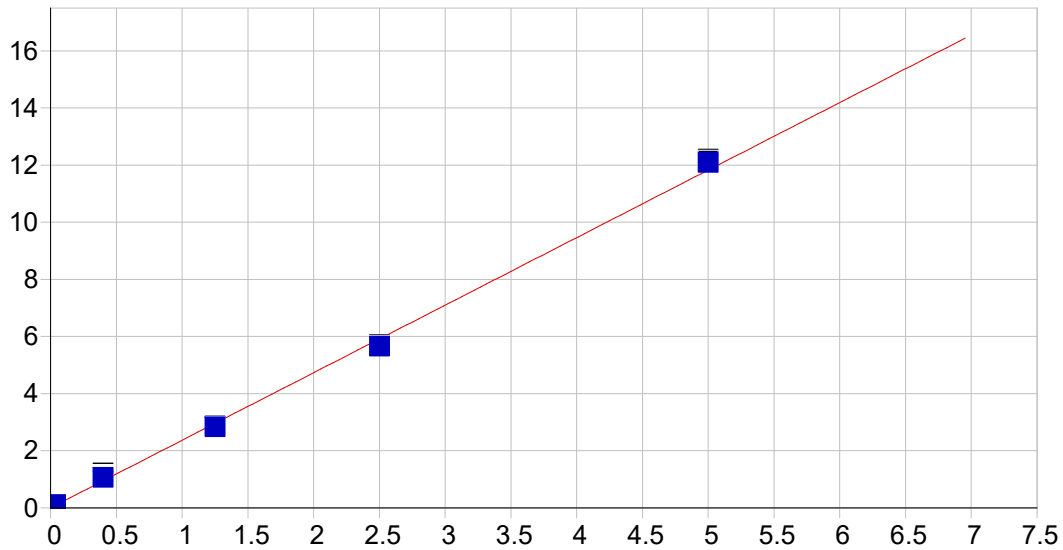


**Zn 206.200 {464}**

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002346 Re-Slope: 1.000000  
 A1 (Gain): 1.617065 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999293 Status: OK.  
 Std Error of Est: 0.001428  
 Predicted MDL: 0.000140  
 Predicted MQL: 0.000468

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00234 | .000    | 1        |
| S1        | .04000       | .04554      | .006       | 13.9    | .07599 | .000    | 1        |
| S3        | 1.2500       | 1.1792      | -.071      | -5.66   | 1.9092 | .007    | 1        |
| S4        | 2.5000       | 2.4061      | -.094      | -3.76   | 3.8931 | .092    | 1        |
| S5        | 5.0000       | 5.1465      | .146       | 2.93    | 8.3246 | .354    | 1        |
| S2        | .40000       | .41271      | .013       | 3.18    | .66972 | .002    | 1        |

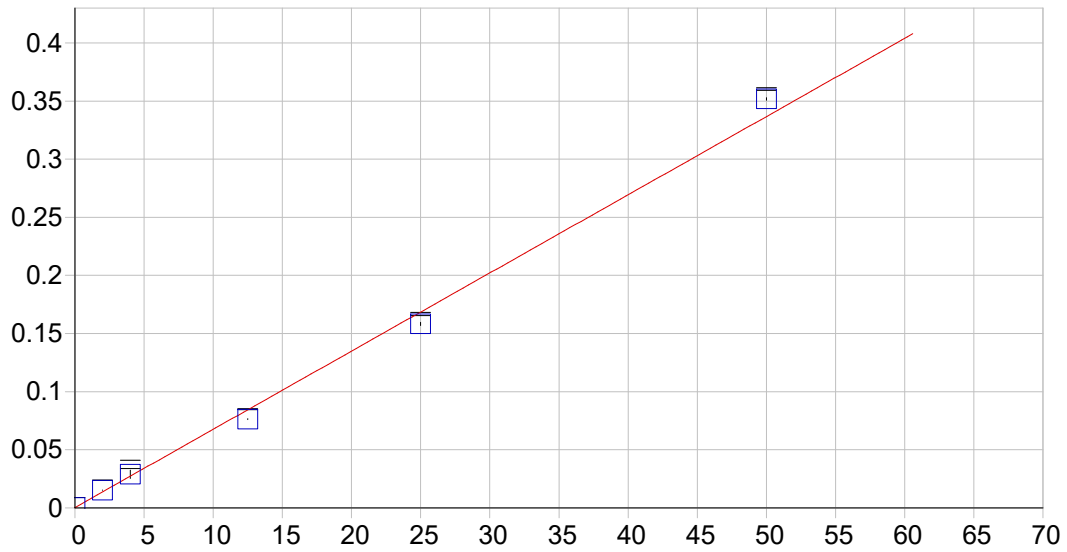


**Zn 213.856 {158}**

Date of Fit: 7/20/2024 14:30:17      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.003552 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.364882 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999136 | Status:   | OK.      |
| Std Error of Est: | 0.002324 |           |          |
| Predicted MDL:    | 0.000212 |           |          |
| Predicted MQL:    | 0.000706 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00353 | .000    | 1        |
| S1        | .04000       | .04546      | .005       | 13.7    | .11172 | .000    | 1        |
| S3        | 1.2500       | 1.1979      | -.052      | -4.17   | 2.8569 | .016    | 1        |
| S4        | 2.5000       | 2.3895      | -.110      | -4.42   | 5.6956 | .015    | 1        |
| S5        | 5.0000       | 5.1083      | .108       | 2.17    | 12.166 | .044    | 1        |
| S2        | .40000       | .44886      | .049       | 12.2    | 1.0716 | .146    | 1        |

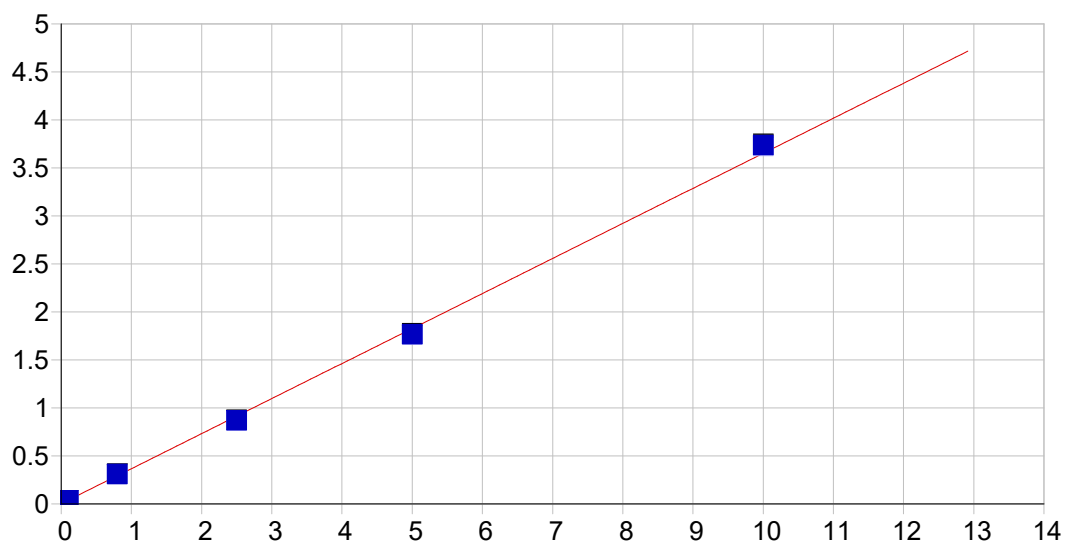


K 766.490 { 44}

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000377 Re-Slope: 1.000000  
 A1 (Gain): 0.006725 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998146 Status: OK.  
 Std Error of Est: 0.000217  
 Predicted MDL: 0.019128  
 Predicted MQL: 0.063759

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00011     | -.000      | .000    | .00038 | .000    | 1        |
| S2        | 4.0000       | 4.2491      | .249       | 6.23    | .02895 | .004    | 1        |
| S3        | 12.500       | 11.298      | -1.20      | -9.62   | .07635 | .000    | 1        |
| S4        | 25.000       | 23.482      | -1.52      | -6.07   | .15830 | .001    | 1        |
| S5        | 50.000       | 52.262      | 2.26       | 4.52    | .35184 | .001    | 1        |
| S1        | 2.0000       | 2.2091      | .209       | 10.5    | .01523 | .000    | 1        |



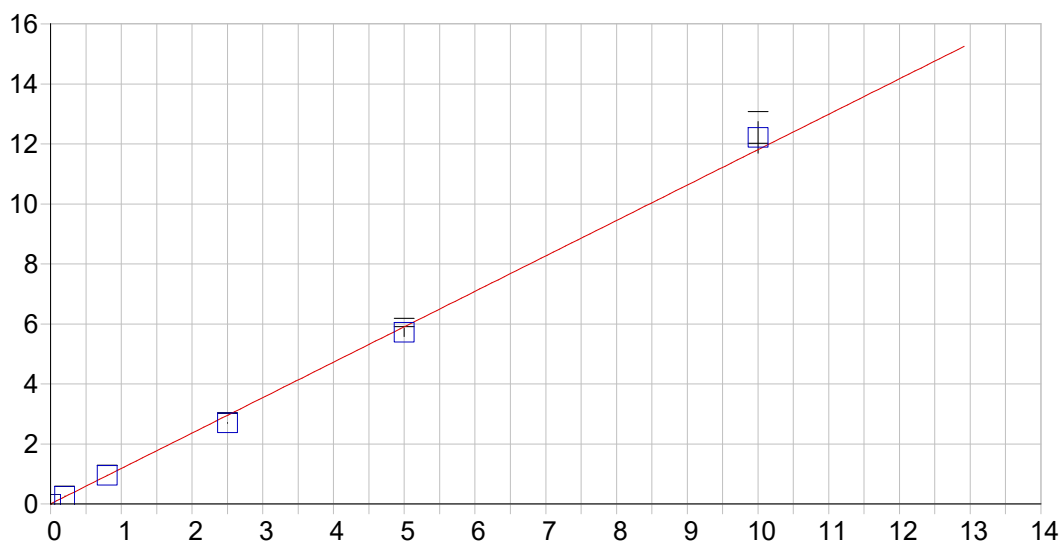
**B 249.678 {135}**

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002073 Re-Slope: 1.000000  
 A1 (Gain): 0.364969 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999477 Status: OK.  
 Std Error of Est: 0.000618  
 Predicted MDL: 0.000638  
 Predicted MQL: 0.002127

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00207 | .000    | 1        |
| S1        | .10000       | .10421      | .004       | 4.21    | .03991 | .000    | 1        |
| S3        | 2.5000       | 2.3802      | -.120      | -4.79   | .86808 | .004    | 1        |
| S4        | 5.0000       | 4.8366      | -.163      | -3.27   | 1.7619 | .010    | 1        |
| S5        | 10.000       | 10.236      | .236       | 2.36    | 3.7269 | .012    | 1        |
| S2        | .80000       | .84343      | .043       | 5.43    | .30903 | .005    | 1        |



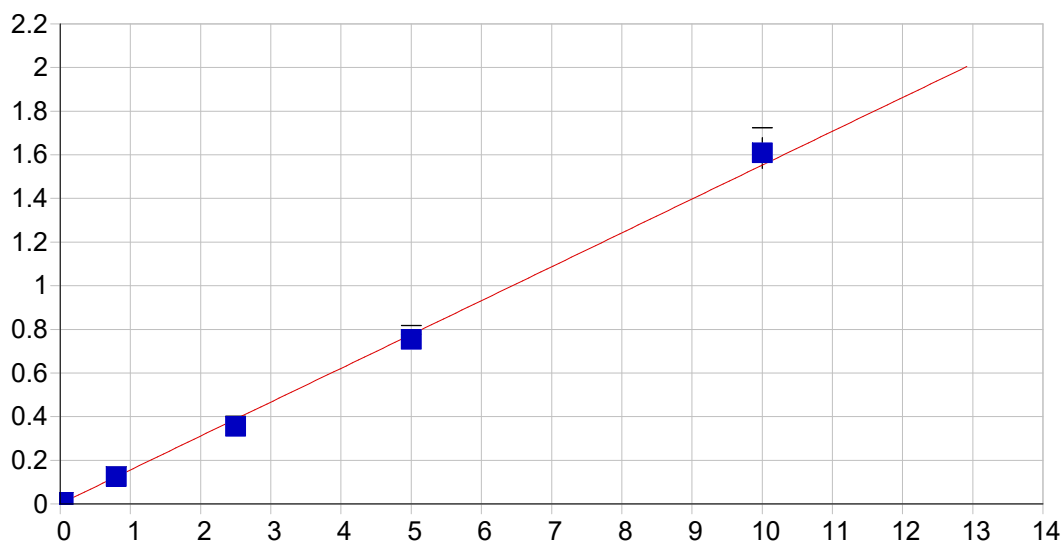


Mo 202.030 {467}

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000231 Re-Slope: 1.000000  
 A1 (Gain): 1.181050 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999017 Status: OK.  
 Std Error of Est: 0.003901  
 Predicted MDL: 0.000198  
 Predicted MQL: 0.000659

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00023 | .000    | 1        |
| S1        | .20000       | .21713      | .017       | 8.57    | .25667 | .000    | 1        |
| S3        | 2.5000       | 2.2879      | -.212      | -8.49   | 2.7023 | .012    | 1        |
| S4        | 5.0000       | 4.8423      | -.158      | -3.15   | 5.7192 | .135    | 1        |
| S5        | 10.000       | 10.345      | .345       | 3.45    | 12.218 | .527    | 1        |
| S2        | .80000       | .80760      | .008       | .950    | .95405 | .003    | 1        |

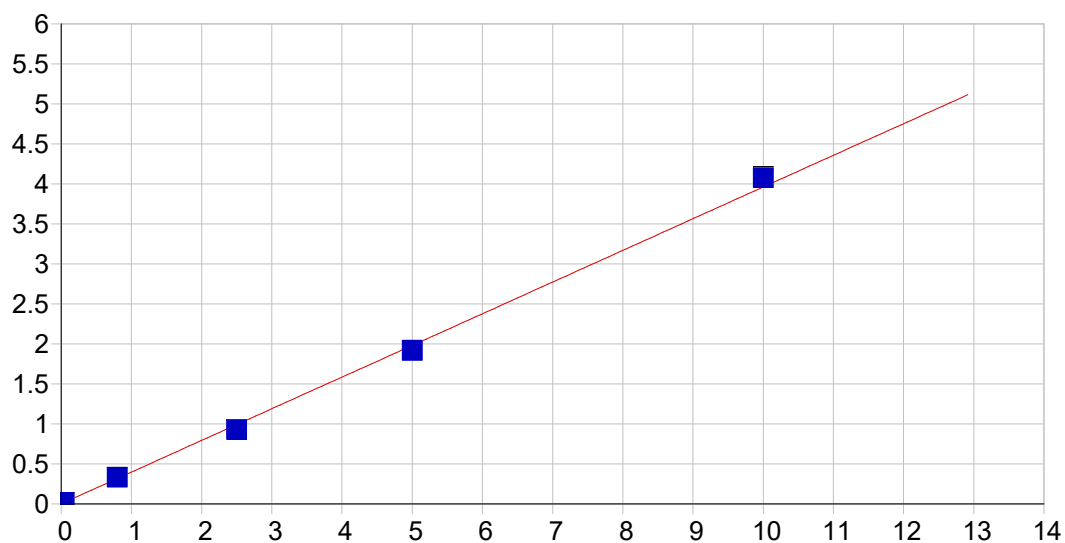


**Sn 189.989 {478}**

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000654 Re-Slope: 1.000000  
 A1 (Gain): 0.155169 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999002 Status: OK.  
 Std Error of Est: 0.000230  
 Predicted MDL: 0.000571  
 Predicted MQL: 0.001903

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00065 | .000    | 1        |
| S1        | .04000       | .04203      | .002       | 5.06    | .00717 | .000    | 1        |
| S3        | 2.5000       | 2.2843      | -.216      | -8.63   | .35471 | .002    | 1        |
| S4        | 5.0000       | 4.8498      | -.150      | -3.00   | .75239 | .020    | 1        |
| S5        | 10.000       | 10.365      | .365       | 3.65    | 1.6074 | .070    | 1        |
| S2        | .80000       | .79859      | -.001      | -.176   | .12444 | .000    | 1        |

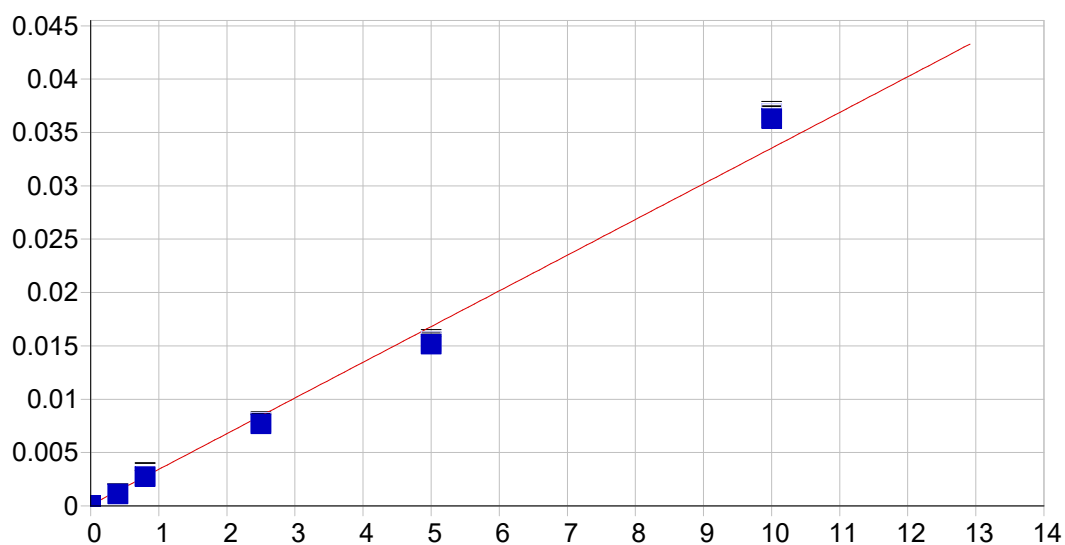


**Ti 336.121 {100}**

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001501 Re-Slope: 1.000000  
A1 (Gain): 0.395933 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999302 Status: OK.  
Std Error of Est: 0.000490  
Predicted MDL: 0.000605  
Predicted MQL: 0.002018

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00150 | .000    | 1        |
| S1        | .04000       | .04228      | .002       | 5.70    | .01823 | .000    | 1        |
| S3        | 2.5000       | 2.3384      | -.162      | -6.46   | .92699 | .001    | 1        |
| S4        | 5.0000       | 4.8369      | -.163      | -3.26   | 1.9159 | .003    | 1        |
| S5        | 10.000       | 10.291      | .291       | 2.91    | 4.0745 | .015    | 1        |
| S2        | .80000       | .83176      | .032       | 3.97    | .33071 | .001    | 1        |

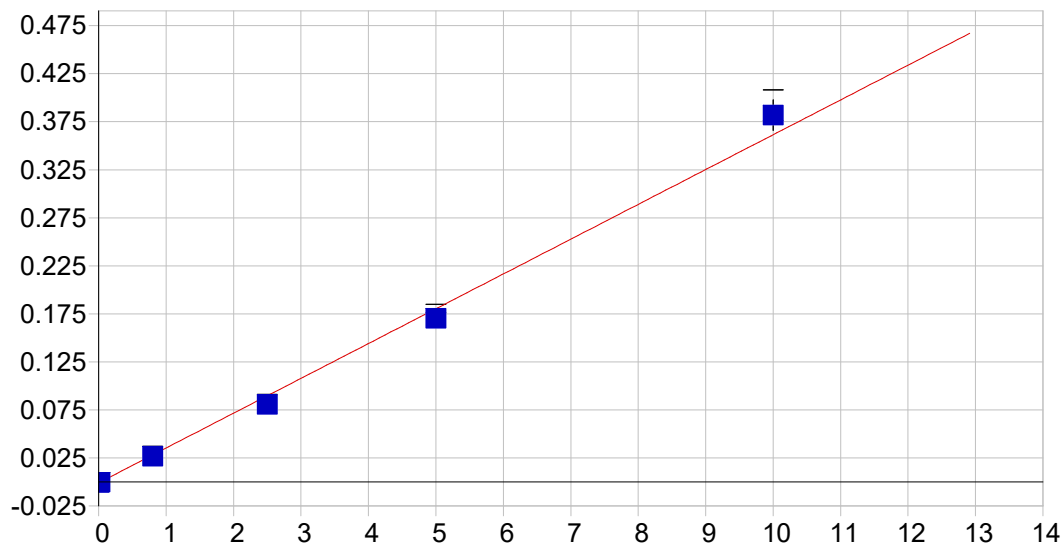


Si 288.158 {117}

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000075 Re-Slope: 1.000000  
 A1 (Gain): 0.003346 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.995952 Status: OK.  
 Std Error of Est: 0.000032  
 Predicted MDL: 0.006505  
 Predicted MQL: 0.021682

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00014      | .000       | .000    | .00008 | .000    | 1        |
| S1        | .40000       | .31232      | -.088      | -21.9   | .00112 | .000    | 1        |
| S3        | 2.5000       | 2.2750      | -.225      | -9.00   | .00781 | .000    | 1        |
| S4        | 5.0000       | 4.5005      | -.499      | -9.99   | .01539 | .000    | 1        |
| S5        | 10.000       | 10.820      | .820       | 8.20    | .03678 | .000    | 1        |
| S2        | .80000       | .79092      | -.009      | -1.14   | .00276 | .000    | 1        |

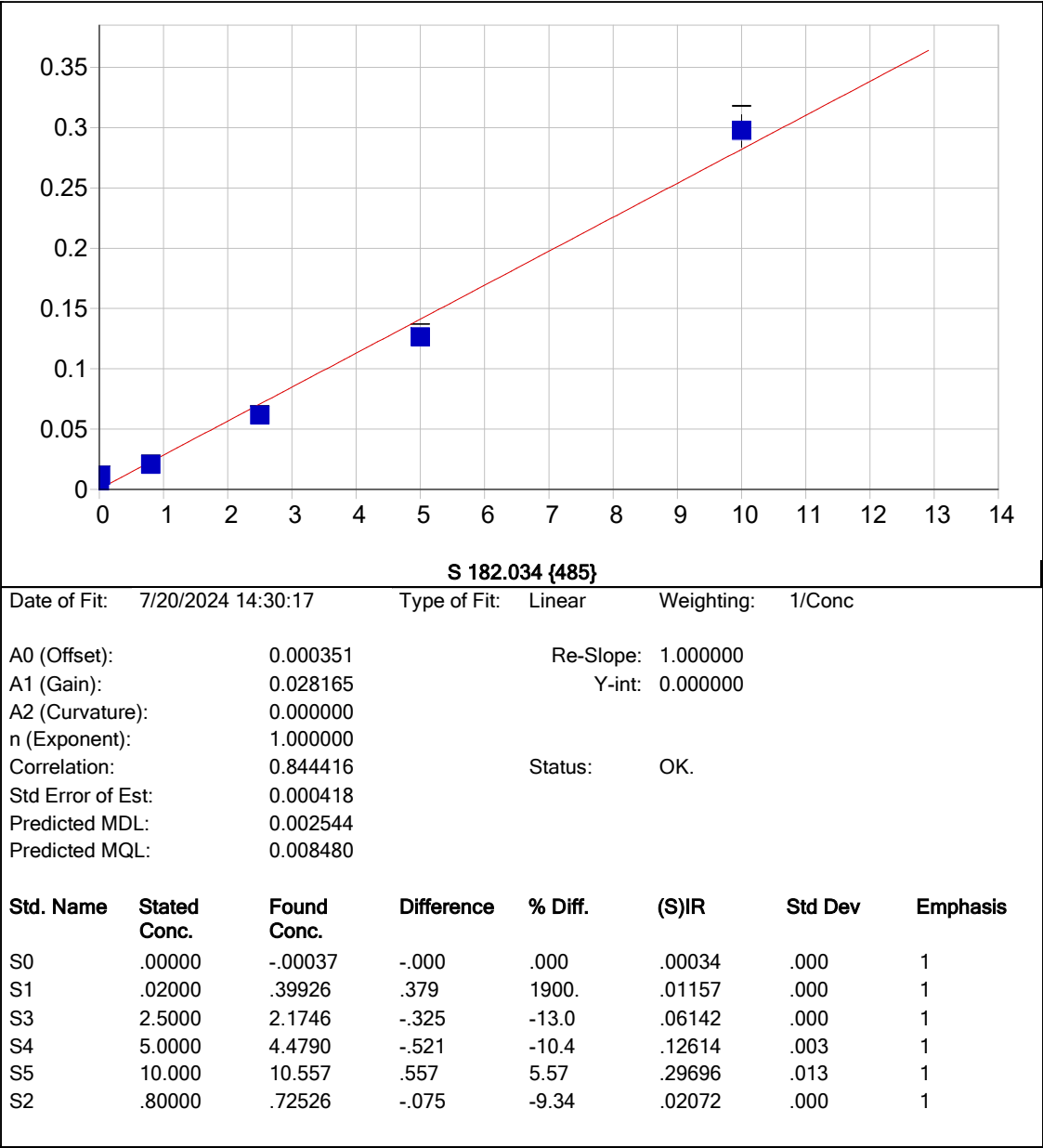


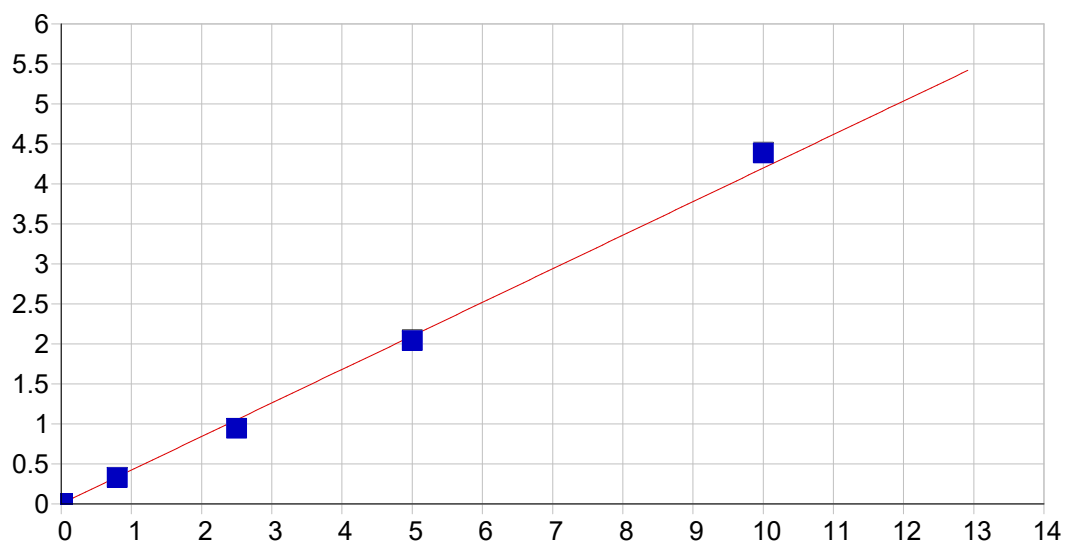
P 177.495 {490}

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000941 Re-Slope: 1.000000  
 A1 (Gain): 0.036239 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.997973 Status: OK.  
 Std Error of Est: 0.000054  
 Predicted MDL: 0.002117  
 Predicted MQL: 0.007058

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00094 | .000    | 1        |
| S1        | .02000       | .01814      | -.002      | -9.32   | -.00028 | .000    | 1        |
| S3        | 2.5000       | 2.2469      | -.253      | -10.1   | .08047  | .000    | 1        |
| S4        | 5.0000       | 4.7267      | -.273      | -5.47   | .17032  | .004    | 1        |
| S5        | 10.000       | 10.566      | .566       | 5.66    | .38189  | .016    | 1        |
| S2        | .80000       | .76273      | -.037      | -4.66   | .02670  | .000    | 1        |



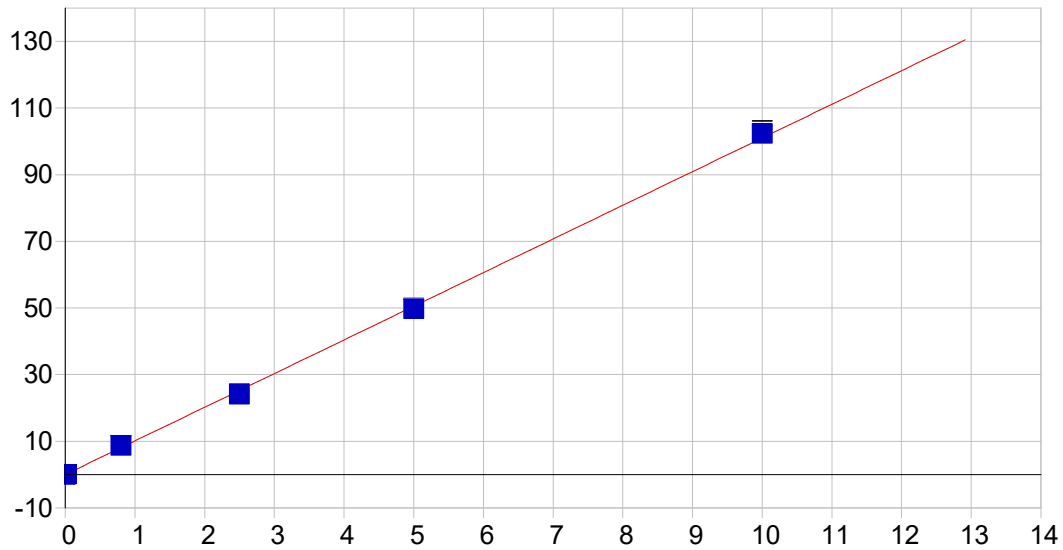


Li 670.784 { 50}

Date of Fit: 7/20/2024 14:30:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003338 Re-Slope: 1.000000  
 A1 (Gain): 0.419350 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998081 Status: OK.  
 Std Error of Est: 0.000610  
 Predicted MDL: 0.002003  
 Predicted MQL: 0.006675

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00335 | .000    | 1        |
| S5        | 10.000       | 10.451      | .451       | 4.51    | 4.3897 | .005    | 1        |
| S4        | 5.0000       | 4.8528      | -.147      | -2.94   | 2.0402 | .009    | 1        |
| S3        | 2.5000       | 2.2397      | -.260      | -10.4   | .94351 | .002    | 1        |
| S1        | .02000       | .00096      | -.019      | -95.2   | .00389 | .000    | 1        |
| S2        | .80000       | .77599      | -.024      | -3.00   | .32905 | .001    | 1        |



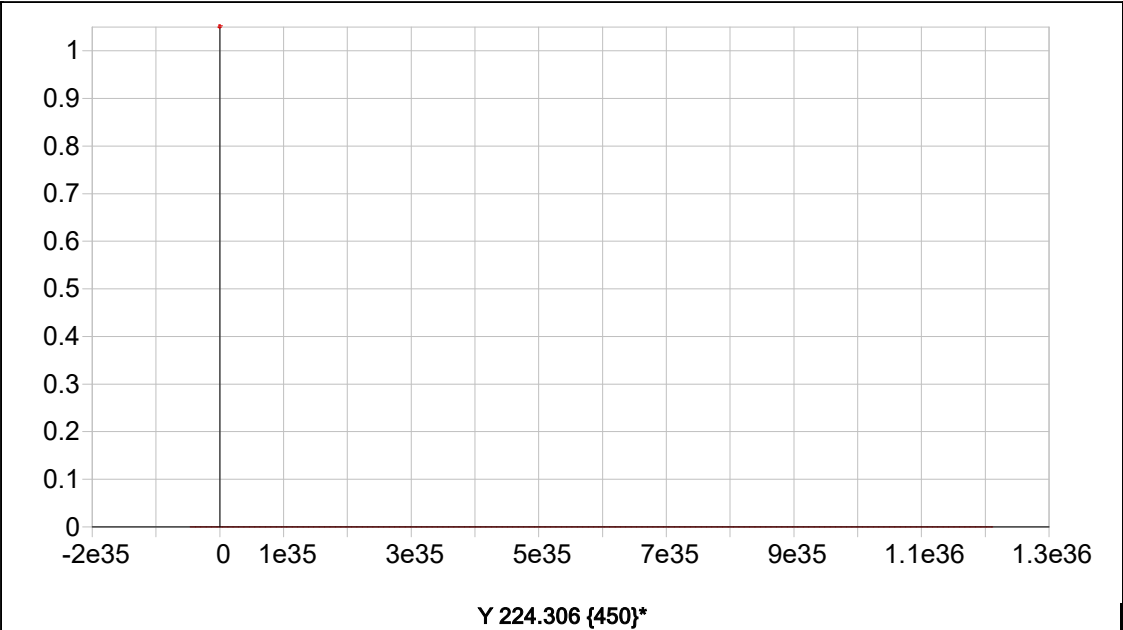
**Sr 407.771 { 83}**

Date of Fit: 7/20/2024 14:30:17      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001142 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 10.101677 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999650  | Status:   | OK.      |
| Std Error of Est: | 0.006273  |           |          |
| Predicted MDL:    | 0.000039  |           |          |
| Predicted MQL:    | 0.000130  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00117 | .001    | 1        |
| S1        | .02000       | .02243      | .002       | 12.2    | .22648  | .001    | 1        |
| S3        | 2.5000       | 2.3844      | -.116      | -4.63   | 24.110  | .098    | 1        |
| S4        | 5.0000       | 4.9244      | -.076      | -1.51   | 49.794  | .149    | 1        |
| S5        | 10.000       | 10.129      | .129       | 1.29    | 102.42  | .761    | 1        |
| S2        | .80000       | .85937      | .059       | 7.42    | 8.6880  | .020    | 1        |

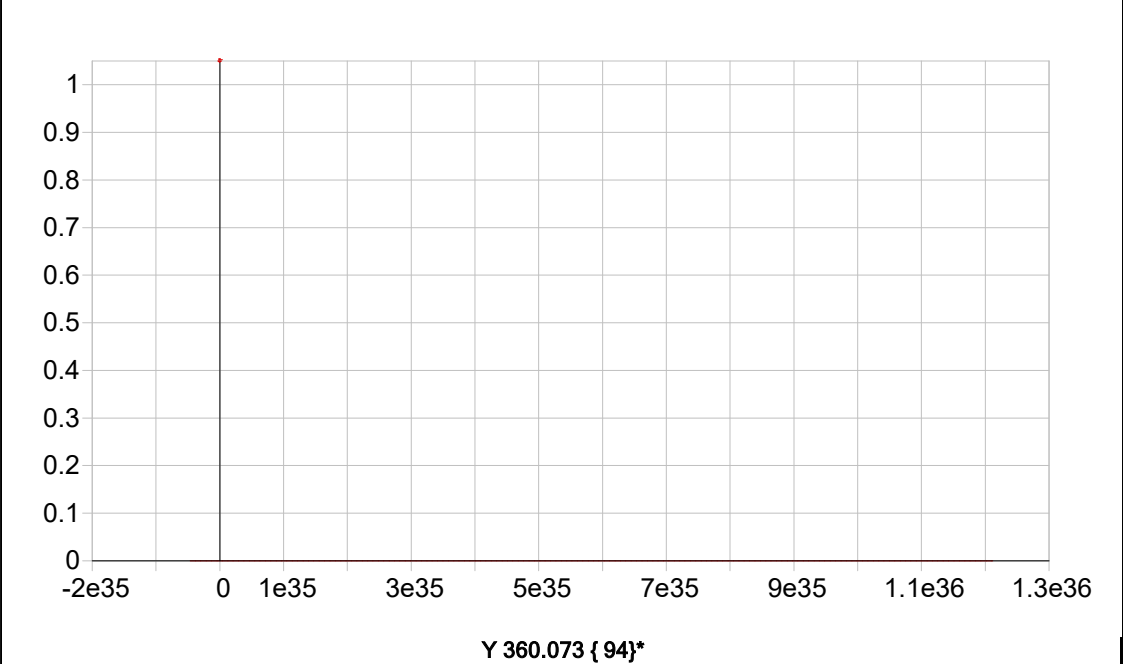




Date of Fit: 7/20/2024 14:30:17      Type of Fit: Linear      Weighting: 1/Conc

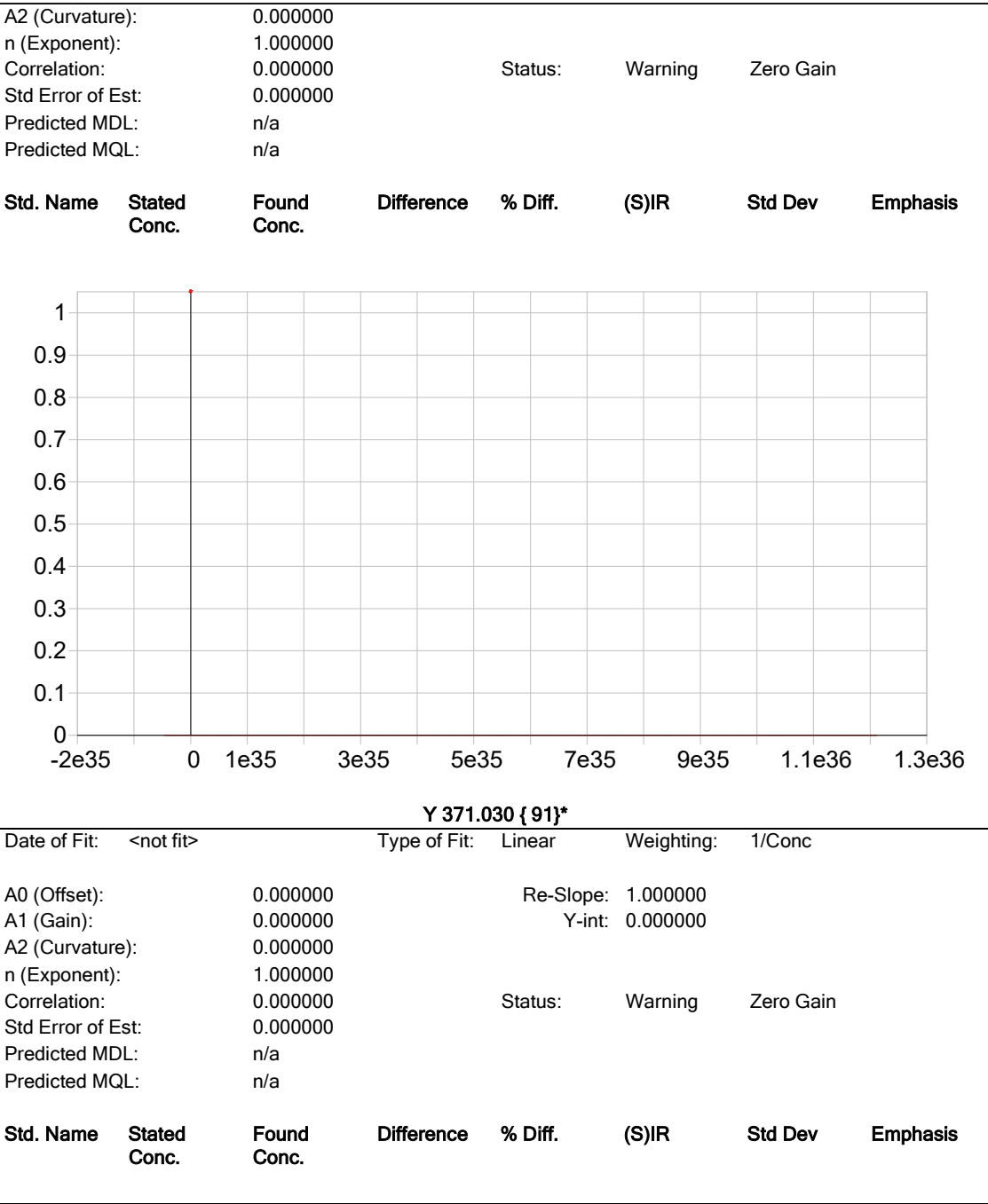
|                   |          |           |                        |
|-------------------|----------|-----------|------------------------|
| A0 (Offset):      | 0.000000 | Re-Slope: | 1.000000               |
| A1 (Gain):        | 0.000000 | Y-int:    | 0.000000               |
| A2 (Curvature):   | 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      |           |                        |

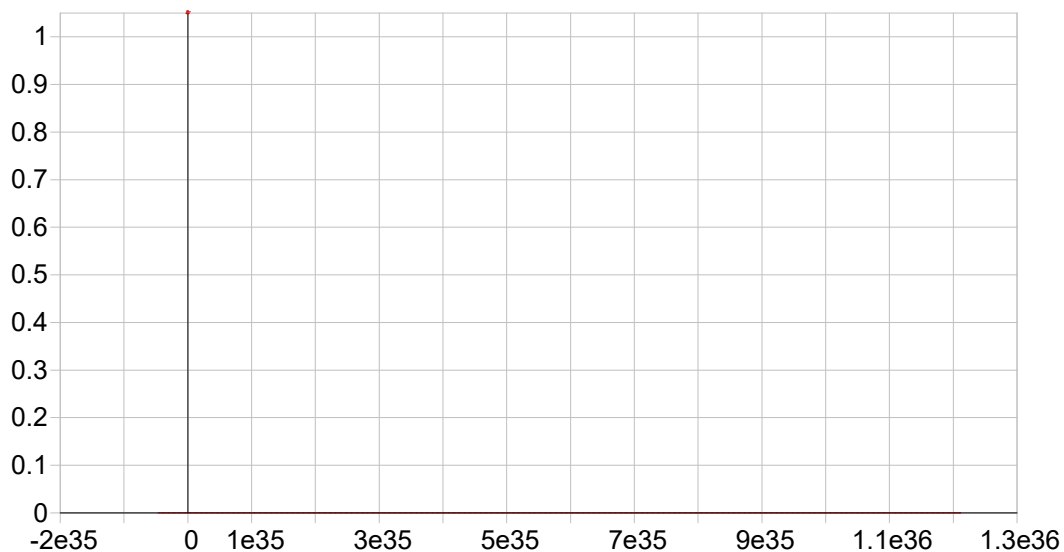
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



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

---

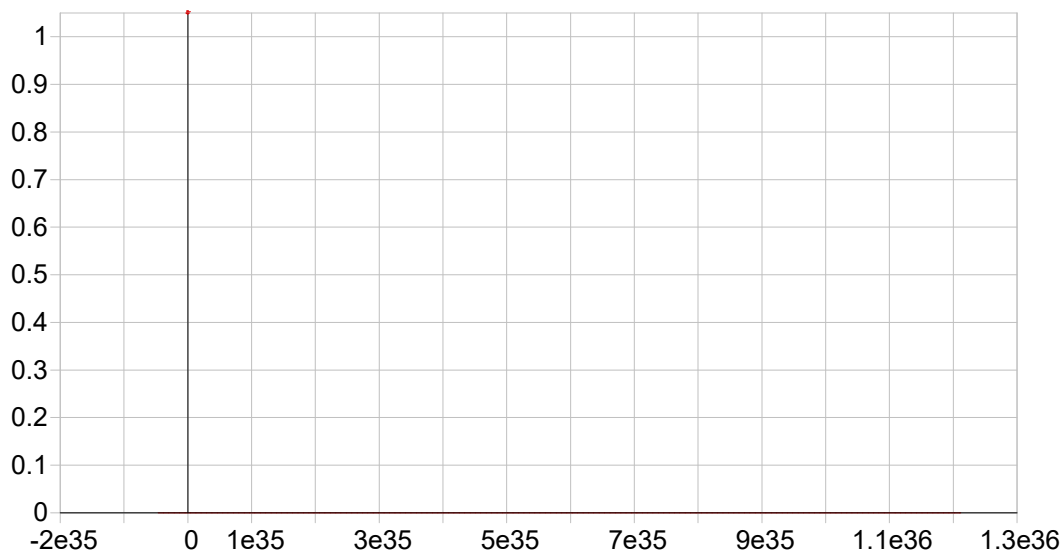
Weighting: 1/Conc

|                   |          |
|-------------------|----------|
| A0 (Offset):      | 0.000000 |
| A1 (Gain):        | 0.000000 |
| A2 (Curvature):   | 0.000000 |
| n (Exponent):     | 1.000000 |
| Correlation:      | 0.000000 |
| Std Error of Est: | 0.000000 |
| Predicted MDL:    | n/a      |
| Predicted MQL:    | n/a      |

Re-Slope: 1.000000  
Y-int: 0.000000

Status:      Warning      Zero Gain

| 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 |
| A1 (Gain):   | 0.000000 |

Re-Slope: 1.000000  
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 |