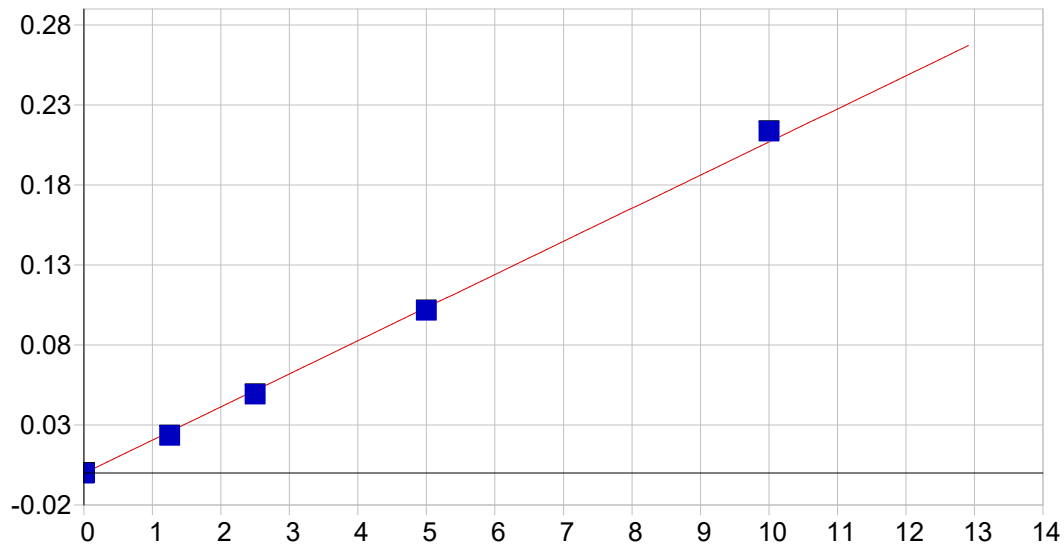


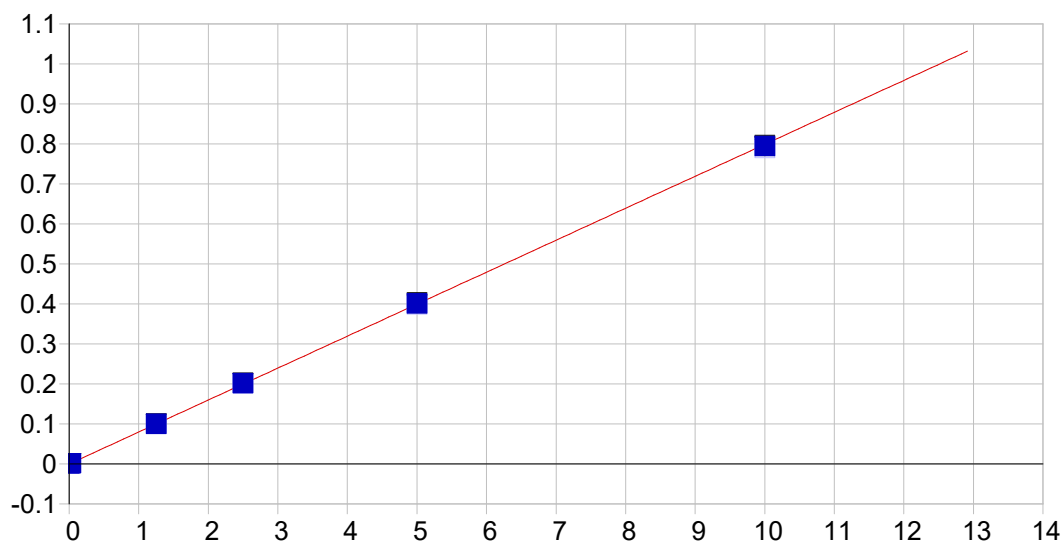


**As 189.042 {479}**

Date of Fit: 09/06/2024 15:18:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000103 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.020695  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999230  | Status:   | OK.      |
| Std Error of Est: | 0.000014  |           |          |
| Predicted MDL:    | 0.006618  |           |          |
| Predicted MQL:    | 0.022061  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00010 | .000    | 1        |
| S1        | .01000       | .00751      | -.002      | -24.9   | .00005  | .000    | 1        |
| S2        | 1.2500       | 1.1344      | -.116      | -9.25   | .02337  | .000    | 1        |
| S3        | 2.5000       | 2.3788      | -.121      | -4.85   | .04912  | .000    | 1        |
| S4        | 5.0000       | 4.9176      | -.082      | -1.65   | .10165  | .000    | 1        |
| S5        | 10.000       | 10.322      | .322       | 3.22    | .21347  | .000    | 1        |

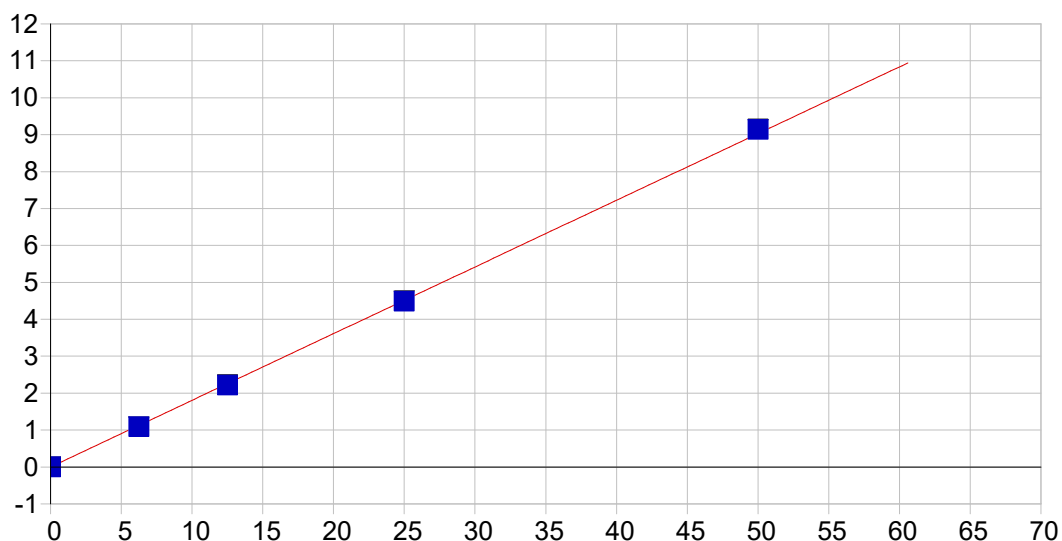


**TI 190.856 {477}**

Date of Fit: 09/06/2024 15:18:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000155 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.079912  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999981  | Status:   | OK.      |
| Std Error of Est: | 0.000013  |           |          |
| Predicted MDL:    | 0.002077  |           |          |
| Predicted MQL:    | 0.006922  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00016 | .000    | 1        |
| S1        | .02500       | .02489      | -.000      | -.424   | .00179  | .000    | 1        |
| S2        | 1.2500       | 1.2525      | .002       | .197    | .09924  | .000    | 1        |
| S3        | 2.5000       | 2.5287      | .029       | 1.15    | .20054  | .001    | 1        |
| S4        | 5.0000       | 5.0213      | .021       | .426    | .39836  | .002    | 1        |
| S5        | 10.000       | 9.9477      | -.052      | -.523   | .78928  | .002    | 1        |

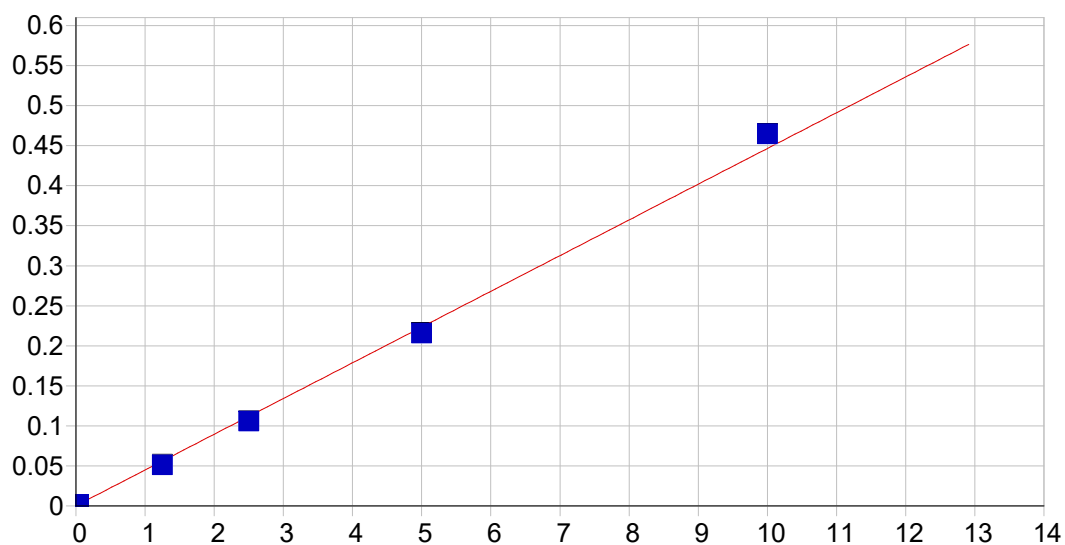


### Pb 220.353 {453}

Date of Fit: 09/06/2024 15:18:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000036 Re-Slope: 1.000000  
 A1 (Gain): 0.180582 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999888 Status: OK.  
 Std Error of Est: 0.000101  
 Predicted MDL: 0.001988  
 Predicted MQL: 0.006626

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00004 | .000    | 1        |
| S1        | .01000       | .01095      | .001       | 9.52    | .00195  | .000    | 1        |
| S2        | 6.2500       | 6.0173      | -.233      | -3.72   | 1.0872  | .005    | 1        |
| S3        | 12.500       | 12.269      | -.231      | -1.85   | 2.2167  | .006    | 1        |
| S4        | 25.000       | 24.862      | -.138      | -.551   | 4.4920  | .011    | 1        |
| S5        | 50.000       | 50.601      | .601       | 1.20    | 9.1422  | .010    | 1        |

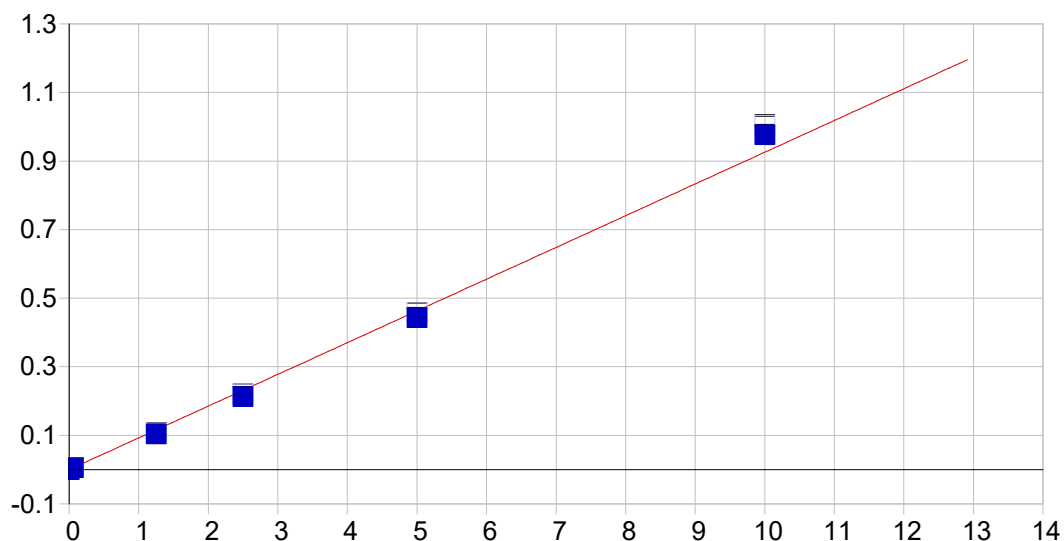


Se 196.090 {472}

Date of Fit: 09/06/2024 15:18:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000267 Re-Slope: 1.000000  
 A1 (Gain): 0.044627 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998970 Status: OK.  
 Std Error of Est: 0.000063  
 Predicted MDL: 0.005037  
 Predicted MQL: 0.016789

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00027 | .000    | 1        |
| S1        | .03500       | .03429      | -.001      | -2.02   | .00180 | .000    | 1        |
| S2        | 1.2500       | 1.1449      | -.105      | -8.41   | .05125 | .001    | 1        |
| S3        | 2.5000       | 2.3640      | -.136      | -5.44   | .10555 | .000    | 1        |
| S4        | 5.0000       | 4.8327      | -.167      | -3.35   | .21551 | .001    | 1        |
| S5        | 10.000       | 10.409      | .409       | 4.09    | .46395 | .000    | 1        |

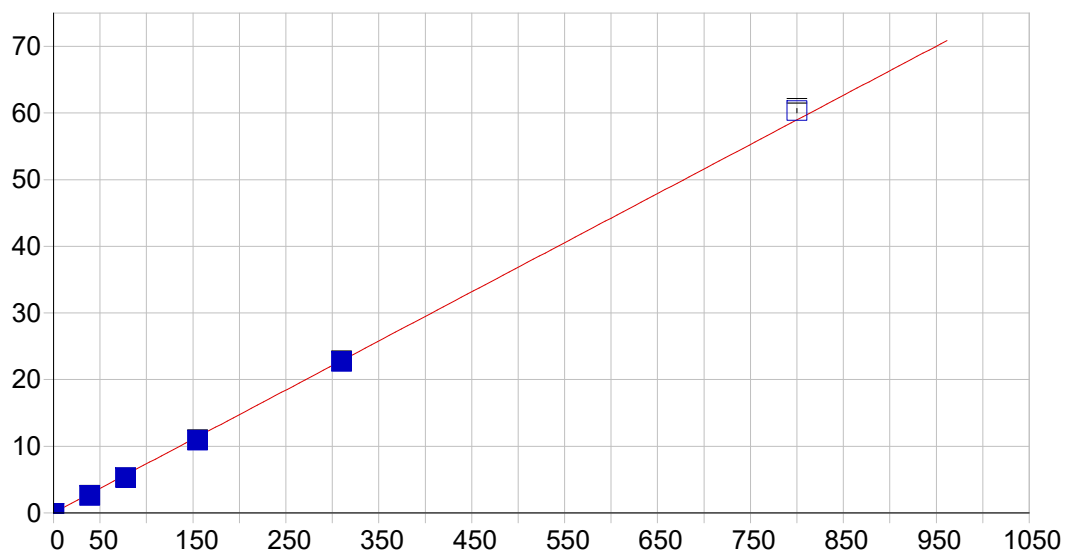


**Sb 206.833 {463}**

Date of Fit: 09/06/2024 15:18:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000165 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.092555 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.998282 | Status:   | OK.      |
| Std Error of Est: | 0.000230 |           |          |
| Predicted MDL:    | 0.002728 |           |          |
| Predicted MQL:    | 0.009095 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00017 | .000    | 1        |
| S1        | .06000       | .05567      | -.004      | -7.22   | .00532 | .000    | 1        |
| S2        | 1.2500       | 1.1207      | -.129      | -10.3   | .10731 | .000    | 1        |
| S3        | 2.5000       | 2.3008      | -.199      | -7.97   | .21995 | .000    | 1        |
| S4        | 5.0000       | 4.7857      | -.214      | -4.29   | .45676 | .001    | 1        |
| S5        | 10.000       | 10.547      | .547       | 5.47    | 1.0037 | .002    | 1        |

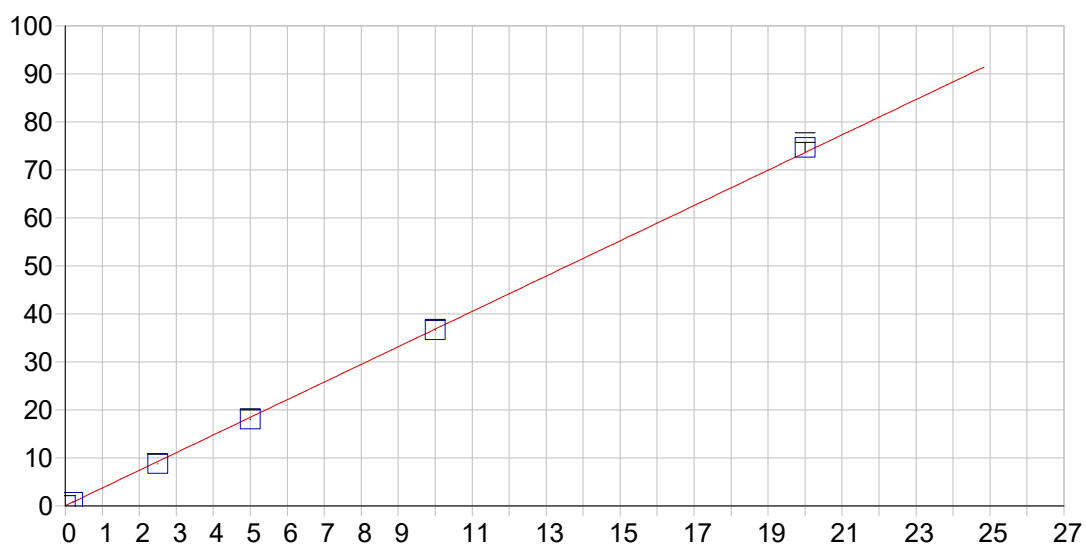


AI 396.152 { 85}

Date of Fit: 09/06/2024 15:23:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002600 Re-Slope: 1.000000  
A1 (Gain): 0.073713 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999426 Status: OK.  
Std Error of Est: 0.001555  
Predicted MDL: 0.018826  
Predicted MQL: 0.062754

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00006      | .000       | .000    | .00260 | .000    | 1        |
| S1        | .20000       | .17902      | -.021      | -10.5   | .01582 | .000    | 1        |
| S2        | 38.750       | 35.273      | -3.48      | -8.97   | 2.6061 | .011    | 1        |
| S3        | 77.500       | 71.528      | -5.97      | -7.71   | 5.2821 | .018    | 1        |
| S4        | 155.00       | 147.63      | -7.37      | -4.76   | 10.898 | .052    | 1        |
| S5        | 310.00       | 307.88      | -2.12      | -.684   | 22.725 | .080    | 1        |
| S6        | 800.00       | 818.99      | 19.0       | 2.37    | 60.373 | .334    | 1        |

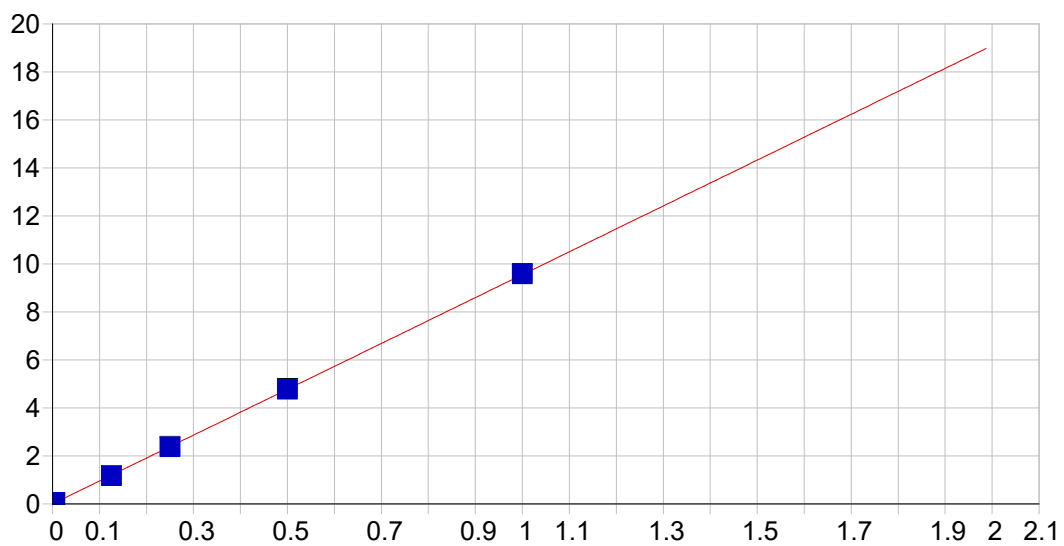


**Ba 493.409 { 68}**

Date of Fit: 09/06/2024 15:18:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.056116 Re-Slope: 1.000000  
 A1 (Gain): 3.678436 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999823 Status: OK.  
 Std Error of Est: 0.007354  
 Predicted MDL: 0.000963  
 Predicted MQL: 0.003210

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .05617 | .004    | 1        |
| S1        | .20000       | .19707      | -.003      | -1.47   | .78102 | .002    | 1        |
| S2        | 2.5000       | 2.3695      | -.130      | -5.22   | 8.7723 | .017    | 1        |
| S3        | 5.0000       | 4.8926      | -.107      | -2.15   | 18.053 | .095    | 1        |
| S4        | 10.000       | 9.9579      | -.042      | -.421   | 36.686 | .108    | 1        |
| S5        | 20.000       | 20.283      | .283       | 1.41    | 74.665 | .986    | 1        |

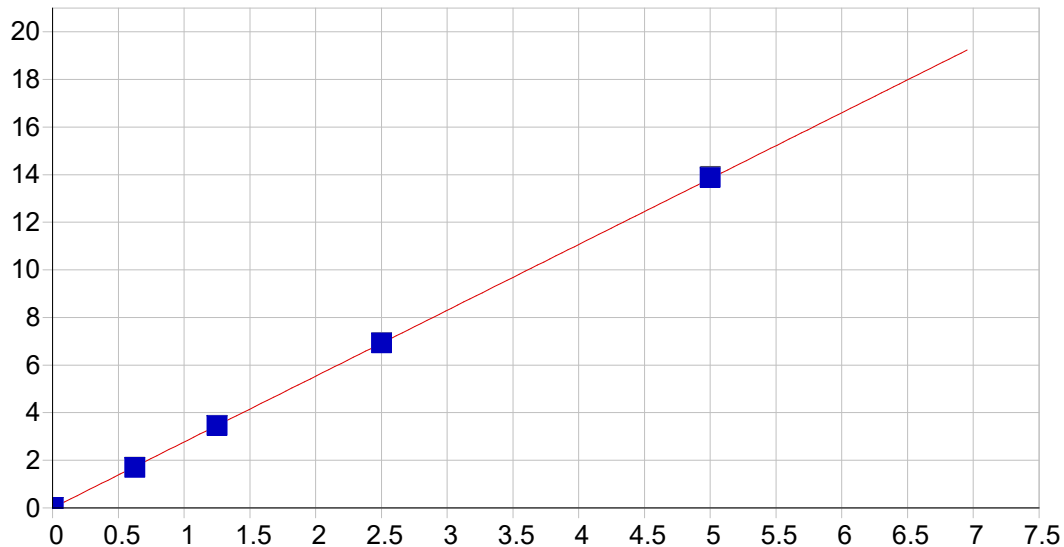


**Be 234.861 {144}**

Date of Fit: 09/06/2024 15:18:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001355 Re-Slope: 1.000000  
 A1 (Gain): 9.548951 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999987 Status: OK.  
 Std Error of Est: 0.000180  
 Predicted MDL: 0.000086  
 Predicted MQL: 0.000286

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00135 | .001    | 1        |
| S1        | .00500       | .00511      | .000       | 2.27    | .05016 | .001    | 1        |
| S2        | .12500       | .12320      | -.002      | -1.44   | 1.1759 | .011    | 1        |
| S3        | .25000       | .24854      | -.001      | -.582   | 2.3709 | .020    | 1        |
| S4        | .50000       | .49989      | -.000      | -.022   | 4.7671 | .037    | 1        |
| S5        | 1.0000       | 1.0033      | .003       | .325    | 9.5660 | .005    | 1        |

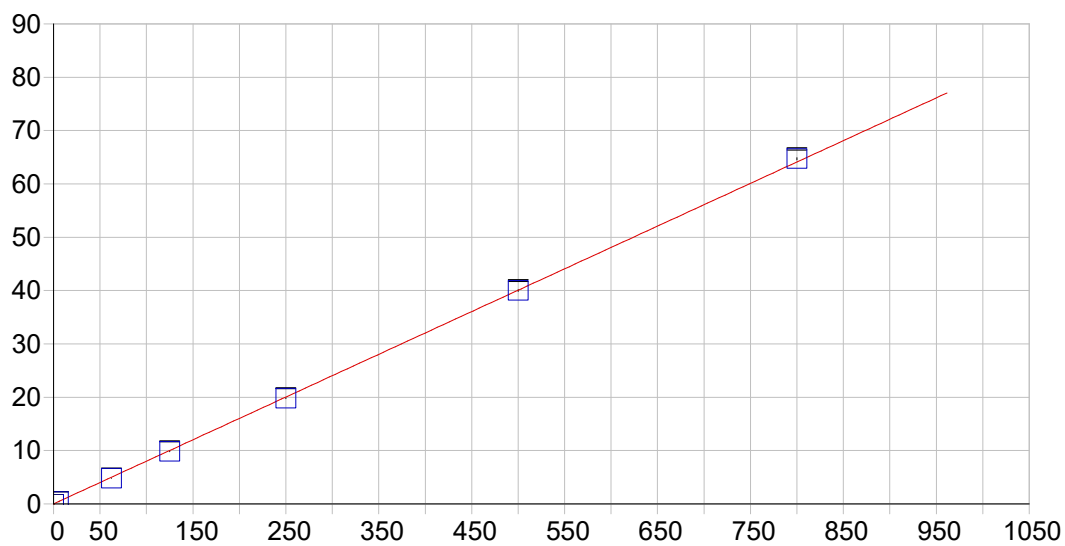


**Cd 214.438 {457}**

Date of Fit: 09/06/2024 15:18:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000443 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.766873 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999983 | Status:   | OK.      |
| Std Error of Est: | 0.000137 |           |          |
| Predicted MDL:    | 0.000088 |           |          |
| Predicted MQL:    | 0.000292 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00044 | .000    | 1        |
| S1        | .00500       | .00485      | -.000      | -3.03   | .01387 | .000    | 1        |
| S2        | .62500       | .61183      | -.013      | -2.11   | 1.6974 | .007    | 1        |
| S3        | 1.2500       | 1.2477      | -.002      | -.180   | 3.4611 | .007    | 1        |
| S4        | 2.5000       | 2.5012      | .001       | .047    | 6.9375 | .017    | 1        |
| S5        | 5.0000       | 5.0144      | .014       | .288    | 13.908 | .016    | 1        |

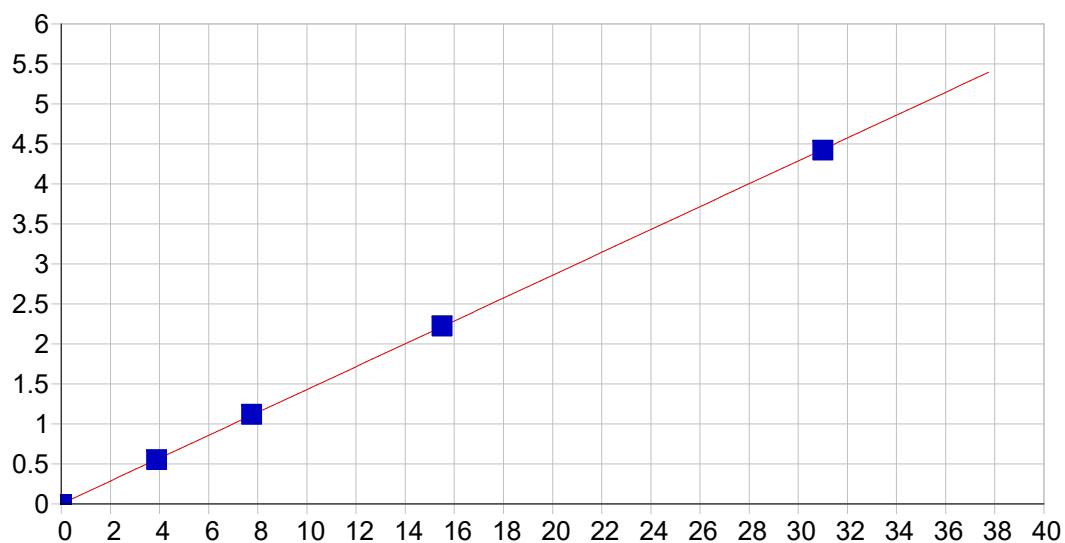


Ca 373.690 { 90}

Date of Fit: 09/06/2024 15:23:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005177 Re-Slope: 1.000000  
 A1 (Gain): 0.080131 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999935 Status: OK.  
 Std Error of Est: 0.003178  
 Predicted MDL: 0.015823  
 Predicted MQL: 0.052743

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00031      | .000       | .000    | .00520 | .001    | 1        |
| S1        | 5.0000       | 4.9763      | -.024      | -.474   | .40393 | .002    | 1        |
| S2        | 62.500       | 60.137      | -2.36      | -3.78   | 4.8240 | .015    | 1        |
| S3        | 125.00       | 122.96      | -2.04      | -1.63   | 9.8582 | .076    | 1        |
| S4        | 250.00       | 247.35      | -2.65      | -1.06   | 19.826 | .073    | 1        |
| S5        | 500.00       | 499.40      | -.597      | -.119   | 40.023 | .190    | 1        |
| S6        | 800.00       | 807.67      | 7.67       | .959    | 64.725 | .203    | 1        |

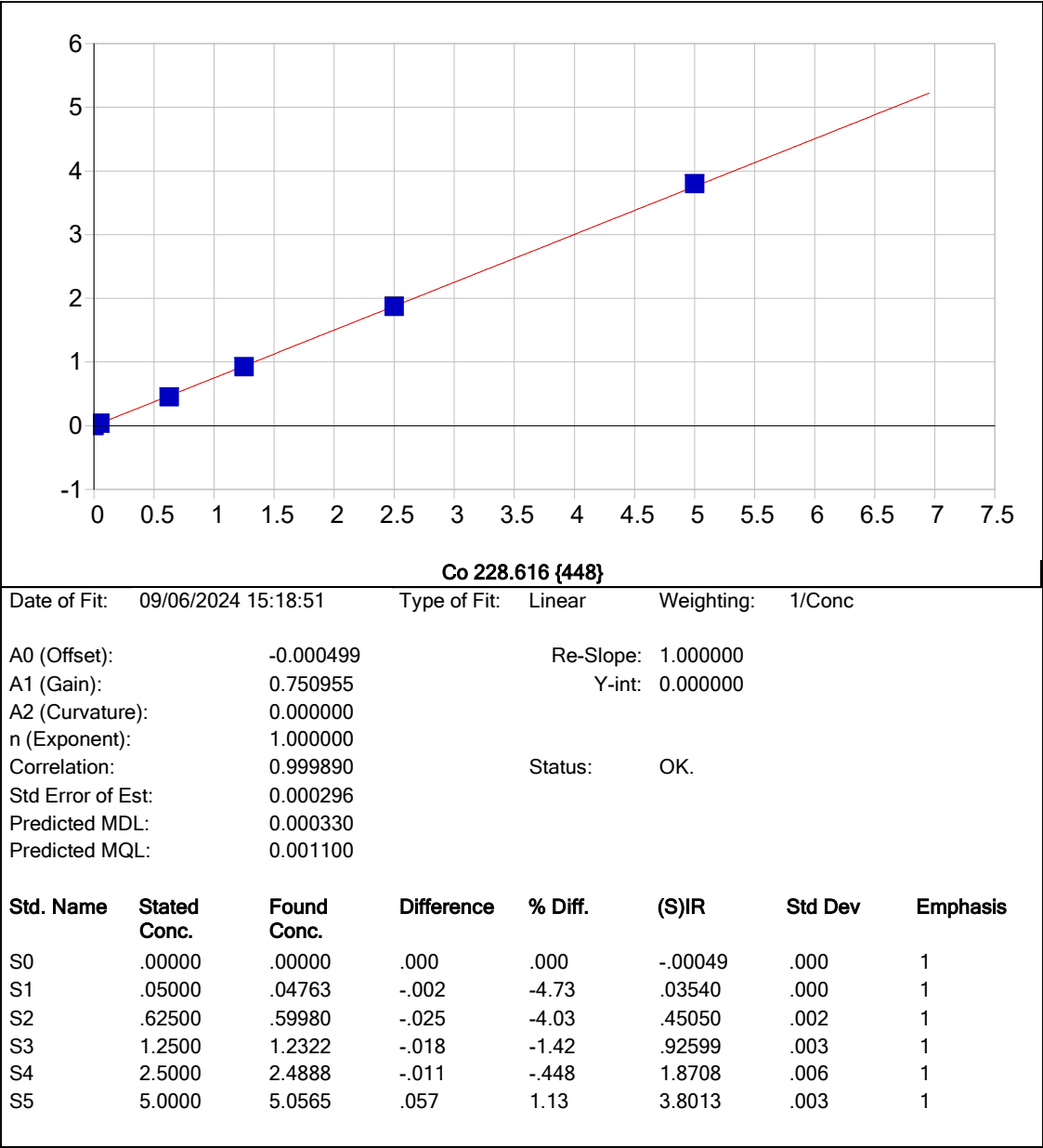


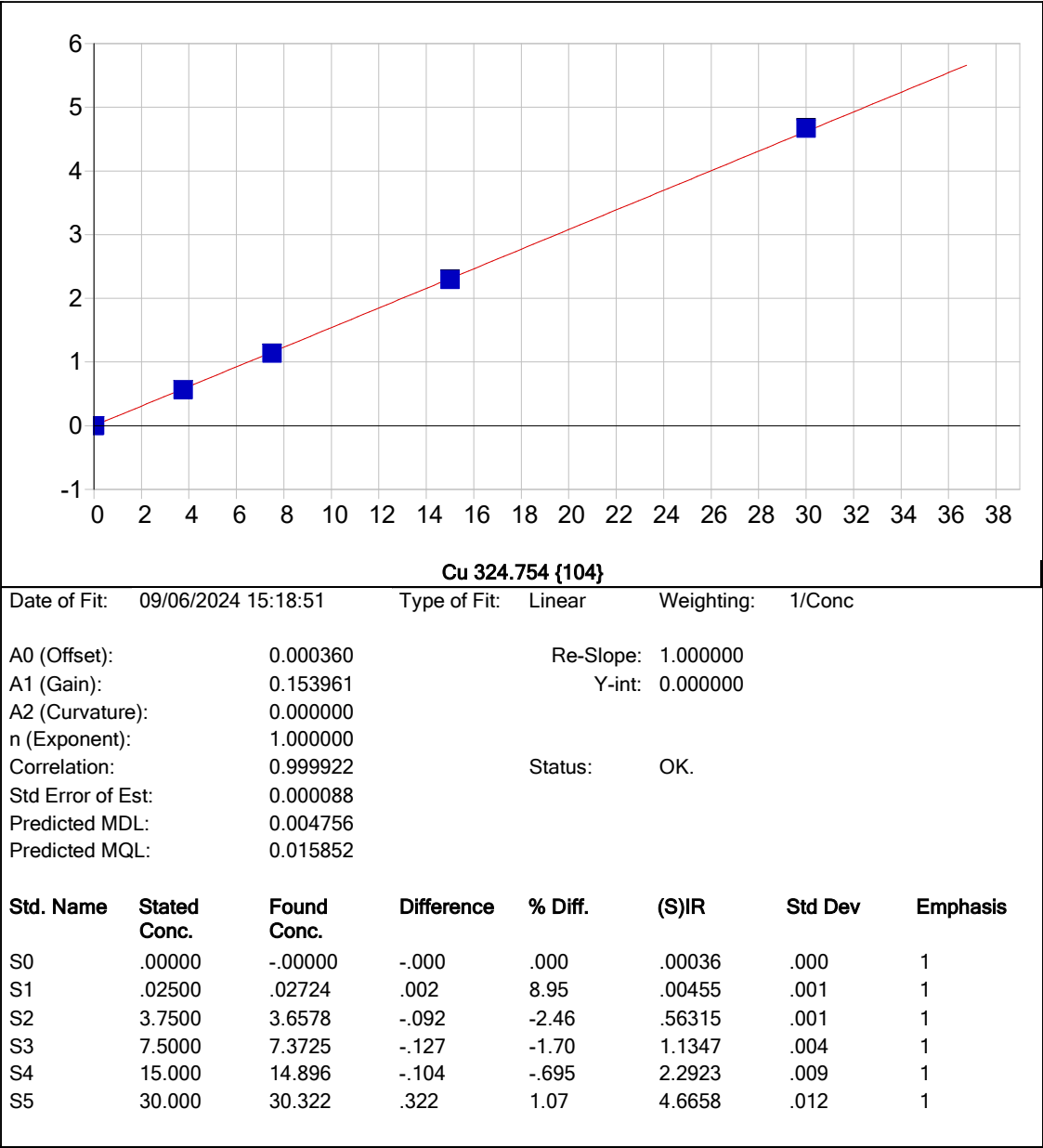
**Cr 267.716 {126}**

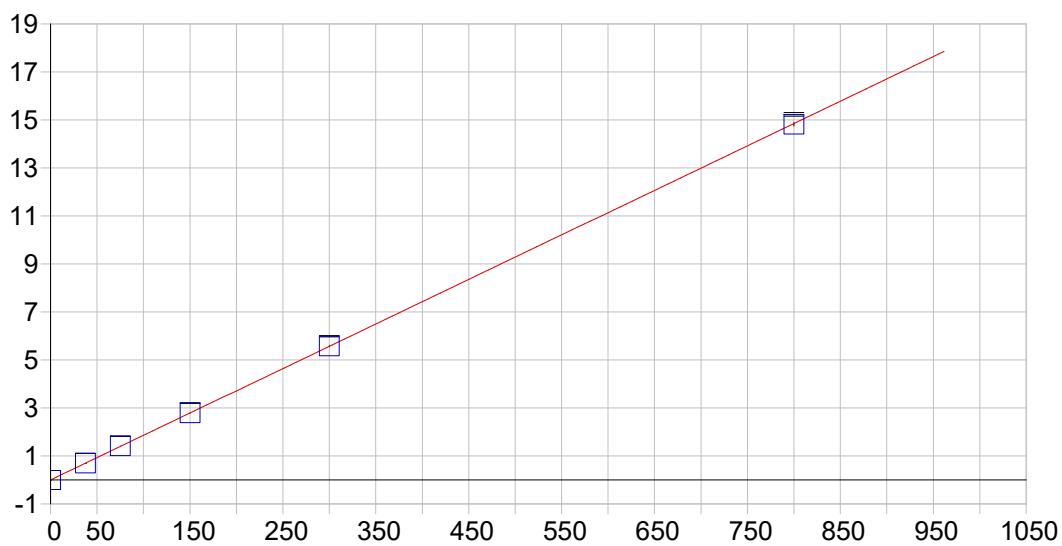
Date of Fit: 09/06/2024 15:18:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000264 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.142921 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999991 | Status:   | OK.      |
| Std Error of Est: | 0.000017 |           |          |
| Predicted MDL:    | 0.001100 |           |          |
| Predicted MQL:    | 0.003668 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00026 | .000    | 1        |
| S1        | .01000       | .01036      | .000       | 3.55    | .00174 | .000    | 1        |
| S2        | 3.8750       | 3.8613      | -.014      | -.355   | .55220 | .001    | 1        |
| S3        | 7.7500       | 7.8198      | .070       | .900    | 1.1180 | .001    | 1        |
| S4        | 15.500       | 15.530      | .030       | .194    | 2.2202 | .005    | 1        |
| S5        | 31.000       | 30.914      | -.086      | -.279   | 4.4192 | .003    | 1        |





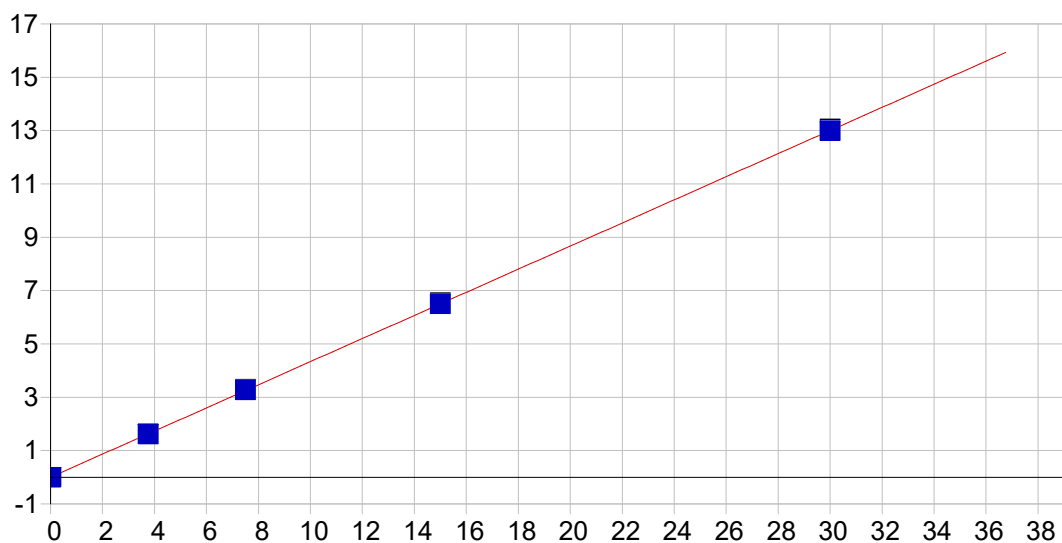


**Fe 259.837 {130}**

Date of Fit: 09/06/2024 15:23:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000356 Re-Slope: 1.000000  
 A1 (Gain): 0.018561 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999994 Status: OK.  
 Std Error of Est: 0.000027  
 Predicted MDL: 0.019411  
 Predicted MQL: 0.064704

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00036 | .000    | 1        |
| S1        | .10000       | .09399      | -.006      | -6.01   | .00139  | .000    | 1        |
| S2        | 37.500       | 37.488      | -.012      | -.031   | .69548  | .002    | 1        |
| S3        | 75.000       | 75.884      | .884       | 1.18    | 1.4082  | .012    | 1        |
| S4        | 150.00       | 150.21      | .214       | .143    | 2.7878  | .018    | 1        |
| S5        | 300.00       | 300.54      | .540       | .180    | 5.5781  | .025    | 1        |
| S6        | 800.00       | 798.38      | -1.62      | -.203   | 14.819  | .068    | 1        |

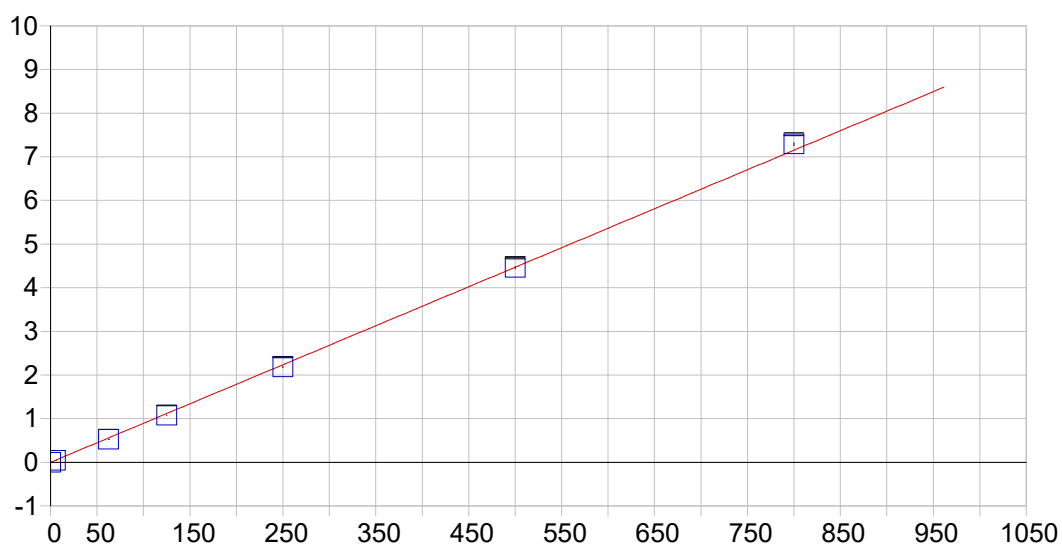


**Mn 257.610 {131}**

Date of Fit: 09/06/2024 15:18:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000039 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.433415 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999994 | Status:   | OK.      |
| Std Error of Est: | 0.000053 |           |          |
| Predicted MDL:    | 0.000835 |           |          |
| Predicted MQL:    | 0.002783 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00004 | .000    | 1        |
| S1        | .01500       | .01538      | .000       | 2.55    | .00672 | .000    | 1        |
| S2        | 3.7500       | 3.7166      | -.033      | -.891   | 1.6111 | .008    | 1        |
| S3        | 7.5000       | 7.5515      | .051       | .686    | 3.2734 | .026    | 1        |
| S4        | 15.000       | 15.003      | .003       | .020    | 6.5035 | .028    | 1        |
| S5        | 30.000       | 29.979      | -.021      | -.072   | 12.995 | .055    | 1        |

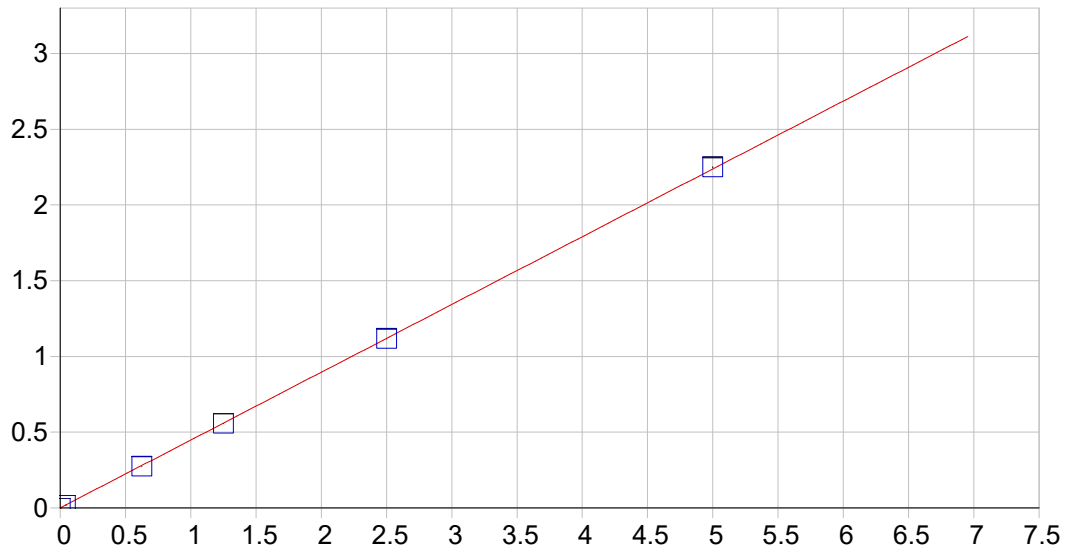


### Mg 279.079 {121}

Date of Fit: 09/06/2024 15:23:38      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000203 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.008940  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999747  | Status:   | OK.      |
| Std Error of Est: | 0.000702  |           |          |
| Predicted MDL:    | 0.048623  |           |          |
| Predicted MQL:    | 0.162077  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00068      | .001       | .000    | -.00020 | .000    | 1        |
| S1        | 5.0000       | 4.8553      | -.145      | -2.89   | .04320  | .001    | 1        |
| S2        | 62.500       | 58.620      | -3.88      | -6.21   | .52384  | .002    | 1        |
| S3        | 125.00       | 120.14      | -4.86      | -3.89   | 1.0738  | .009    | 1        |
| S4        | 250.00       | 244.10      | -5.90      | -2.36   | 2.1819  | .013    | 1        |
| S5        | 500.00       | 499.12      | -.877      | -.175   | 4.4618  | .026    | 1        |
| S6        | 800.00       | 815.67      | 15.7       | 1.96    | 7.2916  | .034    | 1        |

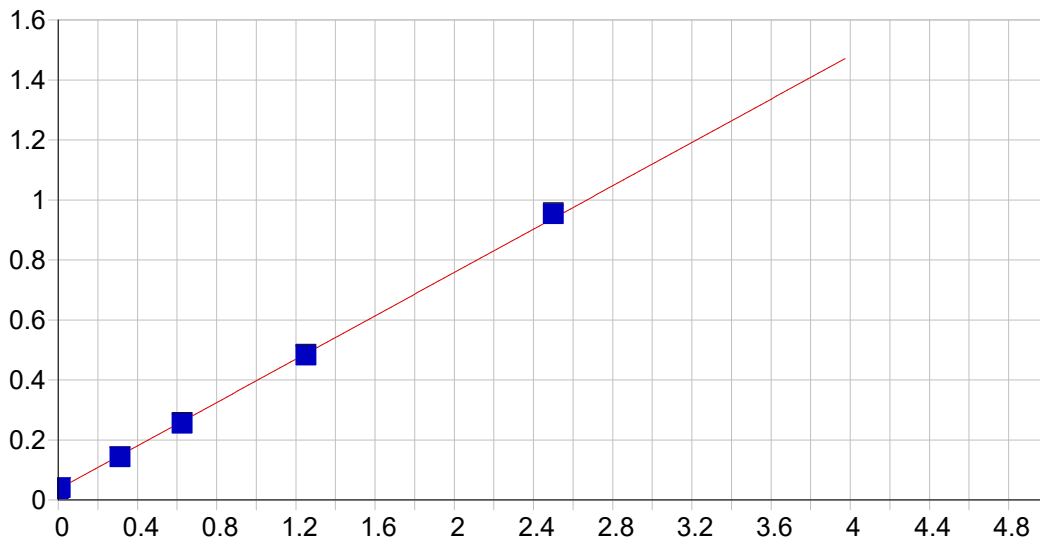


**Ni 231.604 {446}**

Date of Fit: 09/06/2024 15:18:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000397 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.447551 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999973 | Status:   | OK.      |
| Std Error of Est: | 0.000079 |           |          |
| Predicted MDL:    | 0.000582 |           |          |
| Predicted MQL:    | 0.001941 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00040 | .000    | 1        |
| S1        | .04000       | .04126      | .001       | 3.16    | .01887 | .000    | 1        |
| S2        | .62500       | .61099      | -.014      | -2.24   | .27385 | .001    | 1        |
| S3        | 1.2500       | 1.2434      | -.007      | -.530   | .55687 | .000    | 1        |
| S4        | 2.5000       | 2.4951      | -.005      | -.195   | 1.1171 | .002    | 1        |
| S5        | 5.0000       | 5.0242      | .024       | .485    | 2.2490 | .004    | 1        |

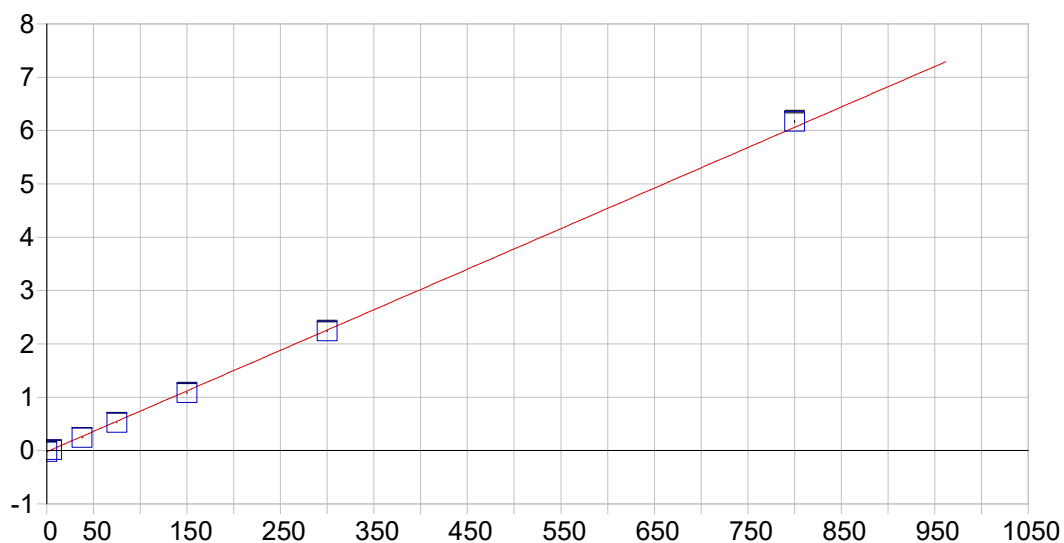


**Ag 328.068 {103}**

Date of Fit: 09/06/2024 15:18:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.035744 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.361180 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999609 | Status:   | OK.      |
| Std Error of Est: | 0.000085 |           |          |
| 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    | .03574 | .000    | 1        |
| S1        | .01000       | .01408      | .004       | 40.8    | .04081 | .000    | 1        |
| S2        | .31250       | .29823      | -.014      | -4.57   | .14332 | .001    | 1        |
| S3        | .62500       | .60706      | -.018      | -2.87   | .25473 | .002    | 1        |
| S4        | 1.2500       | 1.2366      | -.013      | -1.08   | .48181 | .003    | 1        |
| S5        | 2.5000       | 2.5416      | .042       | 1.66    | .95260 | .003    | 1        |

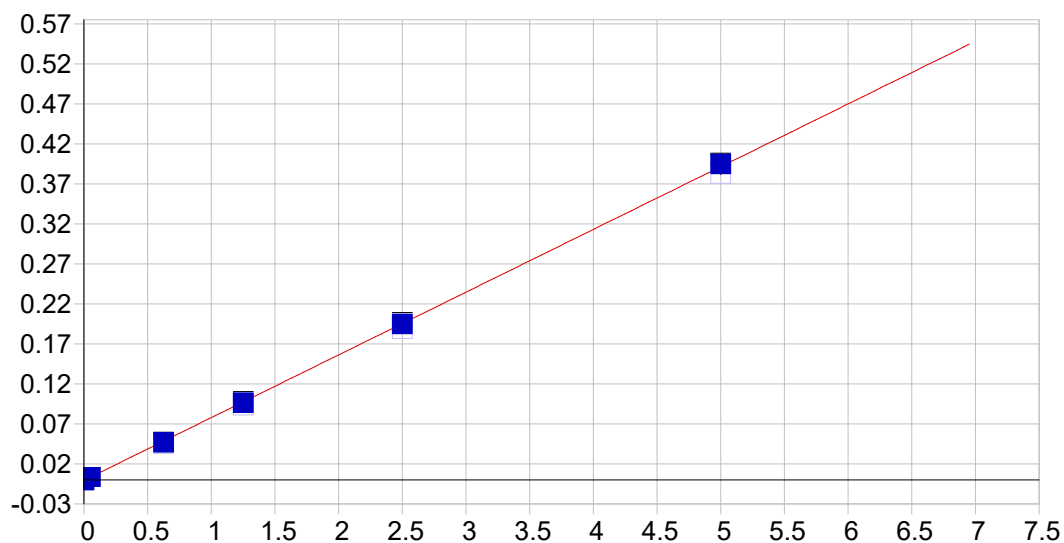


### Na 818.326 { 41}

Date of Fit: 09/06/2024 15:23:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.020625 Re-Slope: 1.000000  
 A1 (Gain): 0.007603 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999681 Status: OK.  
 Std Error of Est: 0.000594  
 Predicted MDL: 0.401352  
 Predicted MQL: 1.337842

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00132      | .001       | .000    | -.02062 | .002    | 1        |
| S1        | 5.0000       | 4.3985      | -.601      | -12.0   | .01282  | .004    | 1        |
| S2        | 37.500       | 34.724      | -2.78      | -7.40   | .24338  | .001    | 1        |
| S3        | 75.000       | 71.684      | -3.32      | -4.42   | .52439  | .004    | 1        |
| S4        | 150.00       | 144.83      | -5.17      | -3.44   | 1.0805  | .011    | 1        |
| S5        | 300.00       | 297.66      | -2.34      | -.780   | 2.2425  | .015    | 1        |
| S6        | 800.00       | 814.20      | 14.2       | 1.78    | 6.1698  | .025    | 1        |

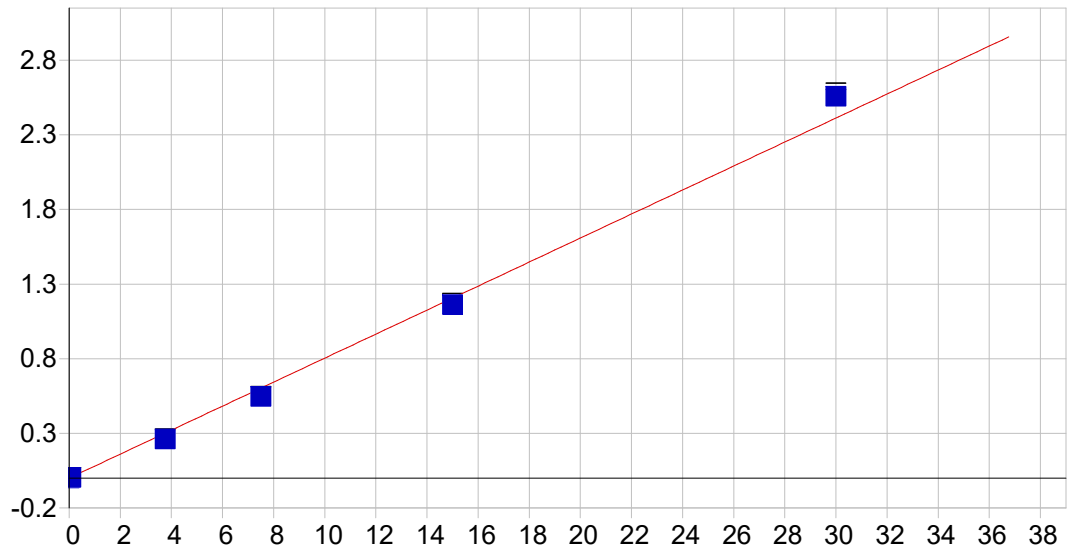


V 292.402 {115}

Date of Fit: 09/06/2024 15:18:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000595 Re-Slope: 1.000000  
 A1 (Gain): 0.078395 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999926 Status: OK.  
 Std Error of Est: 0.000025  
 Predicted MDL: 0.006015  
 Predicted MQL: 0.020049

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00060 | .000    | 1        |
| S1        | .05000       | .05194      | .002       | 3.88    | .00347  | .000    | 1        |
| S2        | .62500       | .60441      | -.021      | -3.29   | .04528  | .000    | 1        |
| S3        | 1.2500       | 1.2355      | -.015      | -1.16   | .09325  | .002    | 1        |
| S4        | 2.5000       | 2.4908      | -.009      | -.366   | .18865  | .002    | 1        |
| S5        | 5.0000       | 5.0423      | .042       | .846    | .38265  | .001    | 1        |

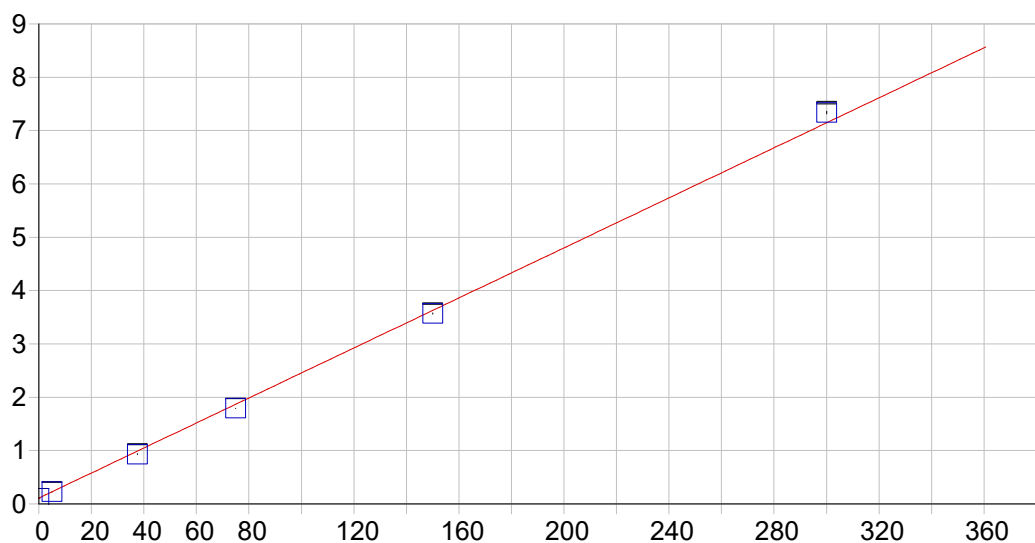


### Zn 213.856 {158}

Date of Fit: 09/06/2024 15:18:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000401 Re-Slope: 1.000000  
 A1 (Gain): 0.080448 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.997654 Status: OK.  
 Std Error of Est: 0.000393  
 Predicted MDL: 0.007748  
 Predicted MQL: 0.025827

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | -.00040 | .000    | 1        |
| S1        | .06000       | .05135      | -.009      | -14.4   | .00375  | .001    | 1        |
| S2        | 3.7500       | 3.2467      | -.503      | -13.4   | .26115  | .004    | 1        |
| S3        | 7.5000       | 6.7835      | -.717      | -9.55   | .54604  | .002    | 1        |
| S4        | 15.000       | 14.435      | -.565      | -3.77   | 1.1623  | .010    | 1        |
| S5        | 30.000       | 31.793      | 1.79       | 5.98    | 2.5602  | .022    | 1        |

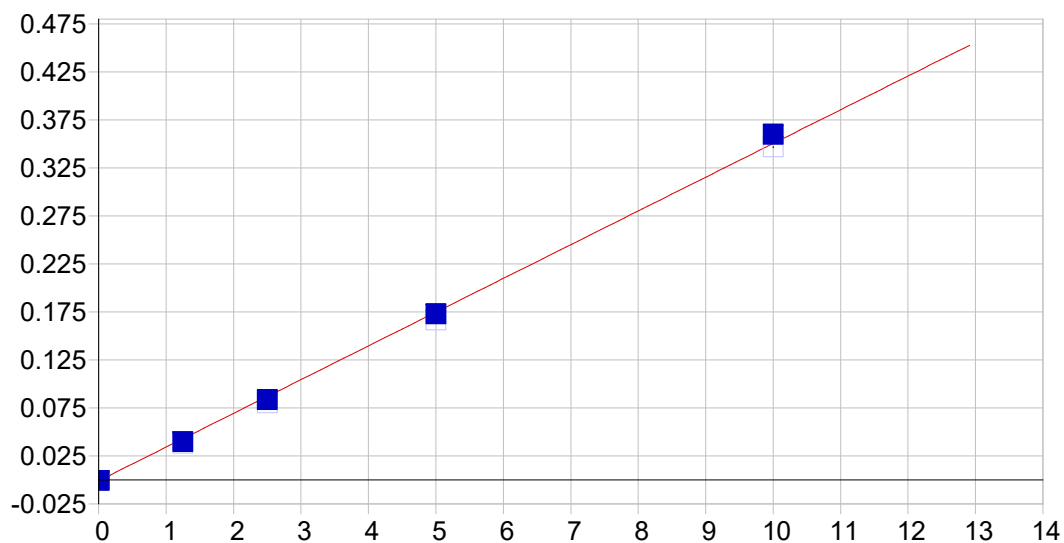


K 769.896 { 44}

Date of Fit: 09/06/2024 15:18:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.110170 Re-Slope: 1.000000  
 A1 (Gain): 0.023451 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999505 Status: OK.  
 Std Error of Est: 0.001522  
 Predicted MDL: 0.136823  
 Predicted MQL: 0.456076

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00055      | .001       | .000    | .11018 | .001    | 1        |
| S1        | 5.0000       | 4.9306      | -.069      | -1.39   | .22580 | .002    | 1        |
| S2        | 37.500       | 35.069      | -2.43      | -6.48   | .93257 | .008    | 1        |
| S3        | 75.000       | 71.766      | -3.23      | -4.31   | 1.7931 | .003    | 1        |
| S4        | 150.00       | 147.54      | -2.46      | -1.64   | 3.5701 | .011    | 1        |
| S5        | 300.00       | 308.20      | 8.20       | 2.73    | 7.3376 | .023    | 1        |

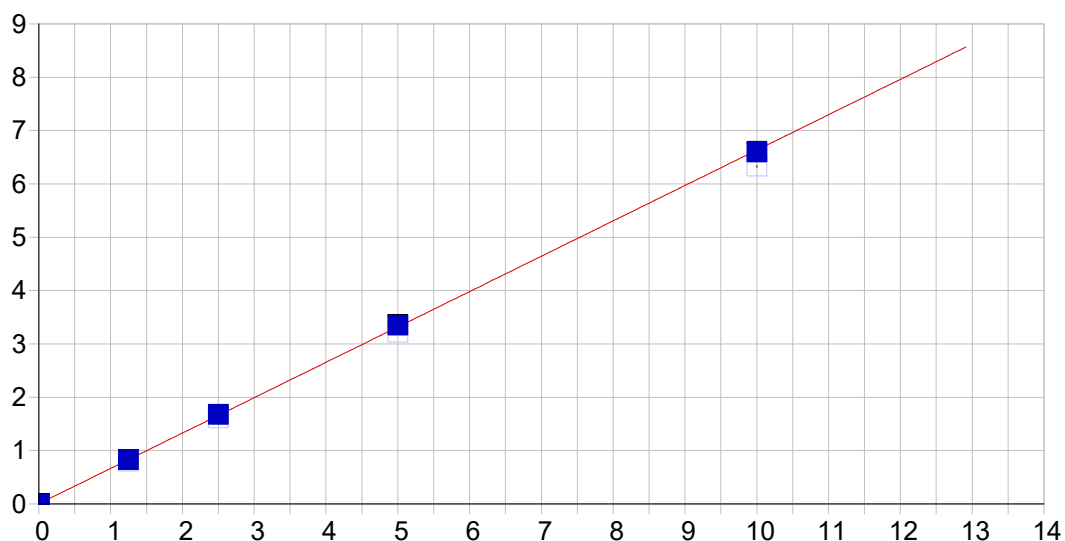


P 177.495 {490}

Date of Fit: 09/06/2024 15:18:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000970 Re-Slope: 1.000000  
 A1 (Gain): 0.035142 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999410 Status: OK.  
 Std Error of Est: 0.000020  
 Predicted MDL: 0.003361  
 Predicted MQL: 0.011203

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00097 | .000    | 1        |
| S1        | .01000       | .00617      | -.004      | -38.3   | -.00076 | .000    | 1        |
| S2        | 1.2500       | 1.1537      | -.096      | -7.71   | .03796  | .000    | 1        |
| S3        | 2.5000       | 2.3965      | -.103      | -4.14   | .08002  | .000    | 1        |
| S4        | 5.0000       | 4.9437      | -.056      | -1.13   | .16630  | .000    | 1        |
| S5        | 10.000       | 10.260      | .260       | 2.60    | .34666  | .001    | 1        |

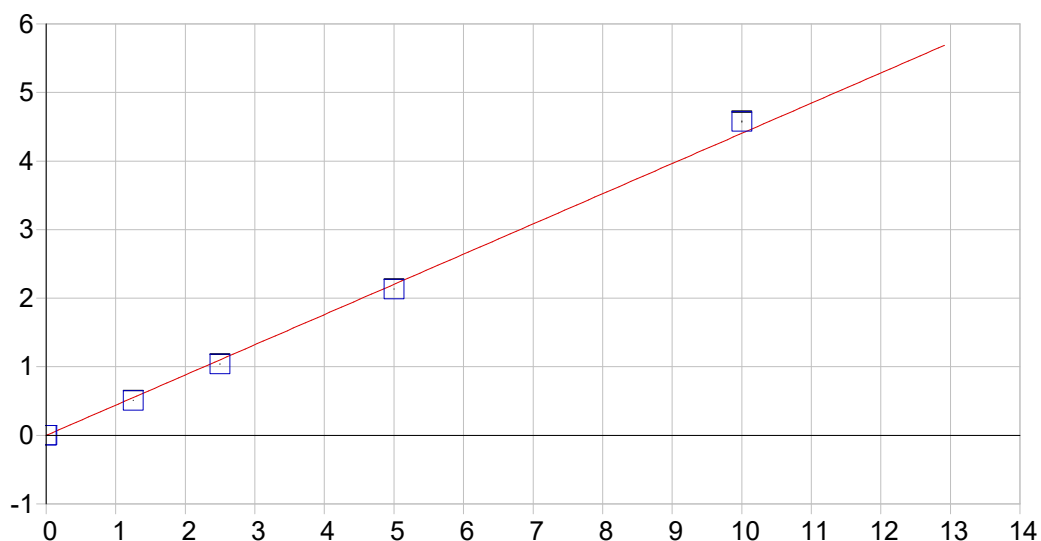


**B 249.678 {135}**

Date of Fit: 09/06/2024 15:18:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.002065 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.663189 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999752 | Status:   | OK.      |
| Std Error of Est: | 0.000238 |           |          |
| Predicted MDL:    | 0.001234 |           |          |
| Predicted MQL:    | 0.004114 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00207 | .001    | 1        |
| S1        | .01000       | .00128      | -.009      | -87.2   | .00285 | .000    | 1        |
| S2        | 1.2500       | 1.2486      | -.001      | -.114   | .79665 | .005    | 1        |
| S3        | 2.5000       | 2.5215      | .022       | .862    | 1.6074 | .009    | 1        |
| S4        | 5.0000       | 5.0471      | .047       | .941    | 3.2154 | .017    | 1        |
| S5        | 10.000       | 9.9418      | -.058      | -.582   | 6.3277 | .017    | 1        |

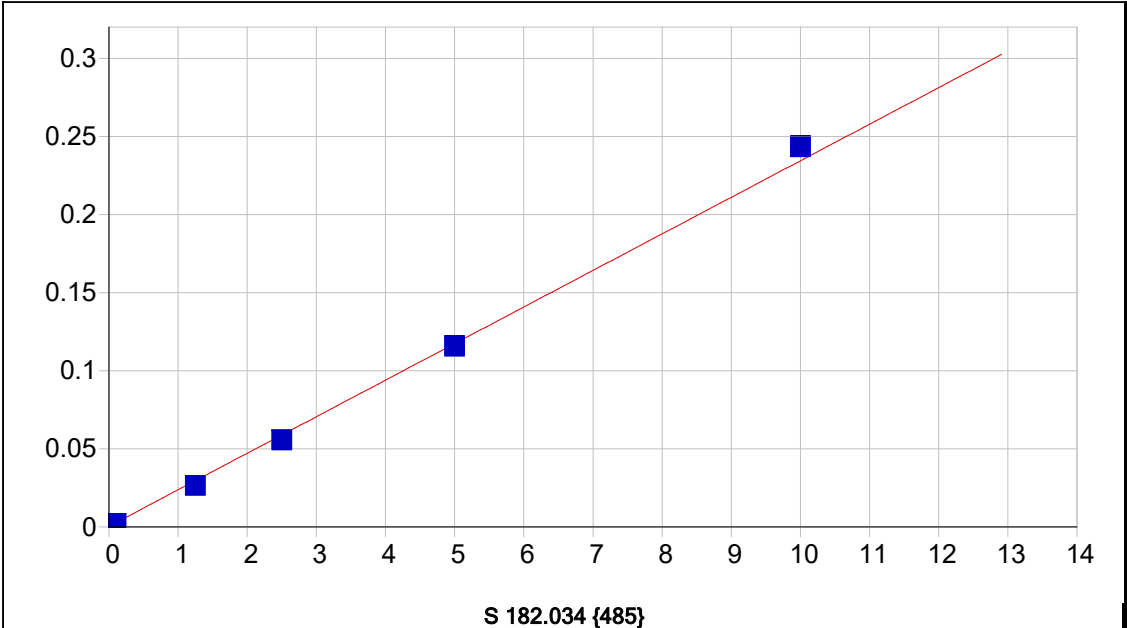


Mo 202.030 {467}

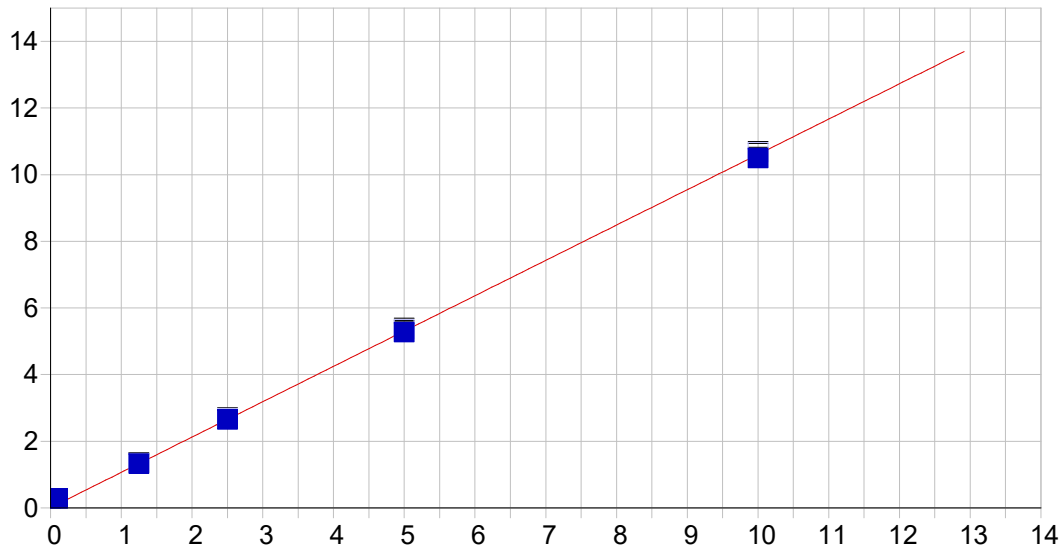
Date of Fit: 09/06/2024 15:18:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000115 Re-Slope: 1.000000  
 A1 (Gain): 0.440398 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999067 Status: OK.  
 Std Error of Est: 0.000319  
 Predicted MDL: 0.000502  
 Predicted MQL: 0.001673

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00011 | .000    | 1        |
| S1        | .01000       | .00947      | -.001      | -5.25   | .00406  | .000    | 1        |
| S2        | 1.2500       | 1.1558      | -.094      | -7.54   | .50890  | .002    | 1        |
| S3        | 2.5000       | 2.3608      | -.139      | -5.57   | 1.0396  | .004    | 1        |
| S4        | 5.0000       | 4.8432      | -.157      | -3.14   | 2.1328  | .002    | 1        |
| S5        | 10.000       | 10.391      | .391       | 3.91    | 4.5760  | .010    | 1        |



|                                  |              |                     |            |                   |        |         |          |
|----------------------------------|--------------|---------------------|------------|-------------------|--------|---------|----------|
| Date of Fit: 09/06/2024 15:18:51 |              | Type of Fit: Linear |            | Weighting: 1/Conc |        |         |          |
| A0 (Offset): 0.000360            |              | Re-Slope: 1.000000  |            |                   |        |         |          |
| A1 (Gain): 0.023403              |              | Y-int: 0.000000     |            |                   |        |         |          |
| A2 (Curvature): 0.000000         |              |                     |            |                   |        |         |          |
| n (Exponent): 1.000000           |              |                     |            |                   |        |         |          |
| Correlation: 0.998866            |              | Status: OK.         |            |                   |        |         |          |
| Std Error of Est: 0.000059       |              |                     |            |                   |        |         |          |
| Predicted MDL: 0.005439          |              |                     |            |                   |        |         |          |
| Predicted MQL: 0.018131          |              |                     |            |                   |        |         |          |
|                                  |              |                     |            |                   |        |         |          |
| Std. Name                        | Stated Conc. | Found Conc.         | Difference | % Diff.           | (S)IR  | Std Dev | Emphasis |
| S0                               | .00000       | .00003              | .000       | .000              | .00036 | .000    | 1        |
| S1                               | .10000       | .08160              | -.018      | -18.4             | .00227 | .000    | 1        |
| S2                               | 1.2500       | 1.1106              | -.139      | -11.2             | .02636 | .000    | 1        |
| S3                               | 2.5000       | 2.3549              | -.145      | -5.81             | .05548 | .000    | 1        |
| S4                               | 5.0000       | 4.9246              | -.075      | -1.51             | .11563 | .000    | 1        |
| S5                               | 10.000       | 10.378              | .378       | 3.78              | .24327 | .001    | 1        |

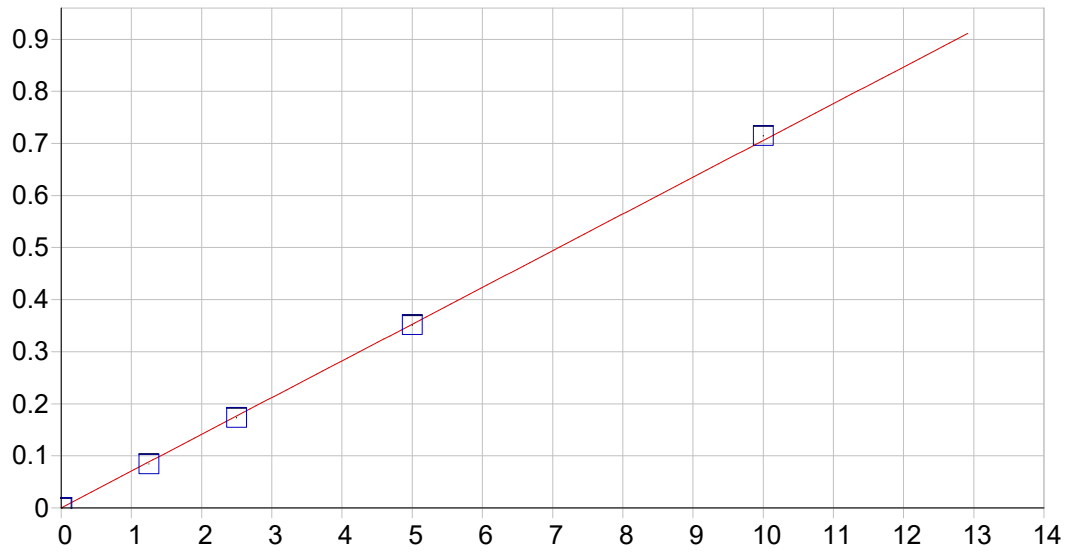


Si 251.611 {134}

Date of Fit: 09/06/2024 15:18:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006840 Re-Slope: 1.000000  
 A1 (Gain): 1.060140 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.994083 Status: OK.  
 Std Error of Est: 0.006255  
 Predicted MDL: 0.000739  
 Predicted MQL: 0.002462

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00015     | -.000      | .000    | .00668 | .000    | 1        |
| S1        | .10000       | .25191      | .152       | 152.    | .27461 | .002    | 1        |
| S2        | 1.2500       | 1.2454      | -.005      | -.368   | 1.3486 | .014    | 1        |
| S3        | 2.5000       | 2.4911      | -.009      | -.358   | 2.6906 | .017    | 1        |
| S4        | 5.0000       | 4.9709      | -.029      | -.583   | 5.3624 | .033    | 1        |
| S5        | 10.000       | 9.8922      | -.108      | -1.08   | 10.665 | .028    | 1        |

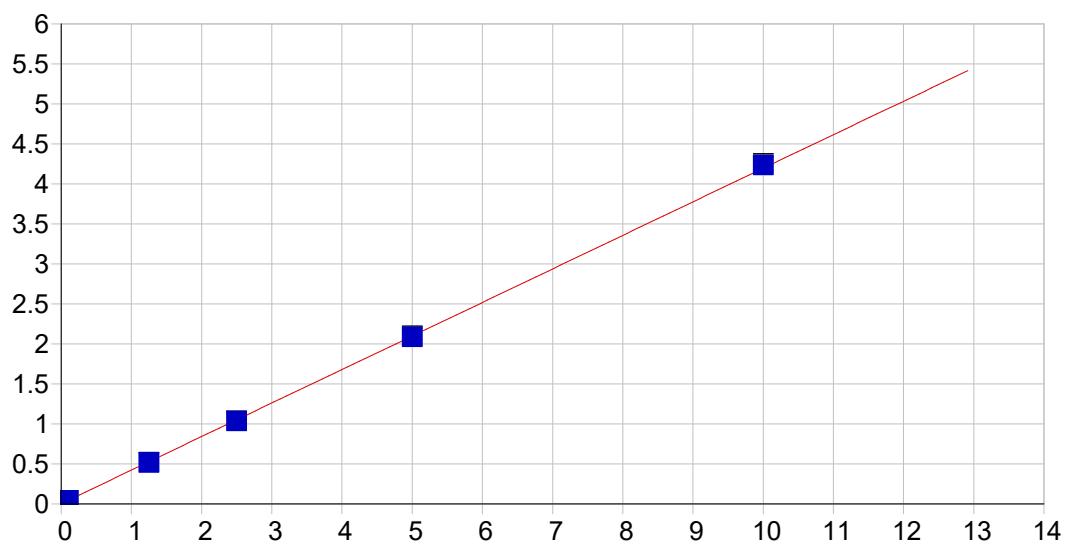


**Sn 189.989 {478}**

Date of Fit: 09/06/2024 15:18:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000178 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.070548 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999851 | Status:   | OK.      |
| Std Error of Est: | 0.000017 |           |          |
| Predicted MDL:    | 0.001683 |           |          |
| Predicted MQL:    | 0.005609 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00018 | .000    | 1        |
| S1        | .00700       | .00518      | -.002      | -26.0   | .00054 | .000    | 1        |
| S2        | 1.2500       | 1.1945      | -.056      | -4.44   | .08444 | .000    | 1        |
| S3        | 2.5000       | 2.4528      | -.047      | -1.89   | .17322 | .001    | 1        |
| S4        | 5.0000       | 4.9765      | -.023      | -.470   | .35126 | .001    | 1        |
| S5        | 10.000       | 10.128      | .128       | 1.28    | .71469 | .001    | 1        |

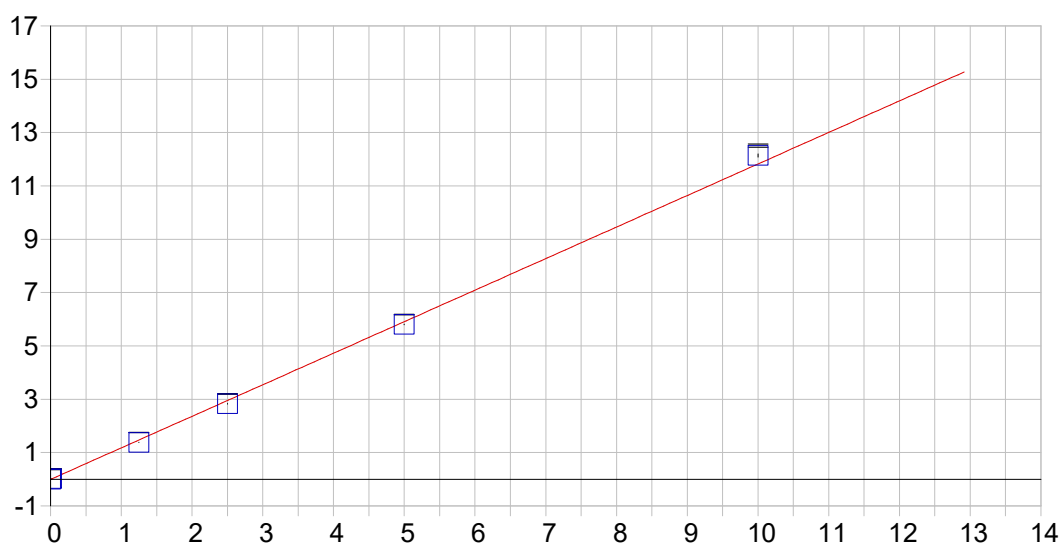


**Ti 336.121 {100}**

Date of Fit: 09/06/2024 15:18:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.003194 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.419181 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999942 | Status:   | OK.      |
| Std Error of Est: | 0.000240 |           |          |
| Predicted MDL:    | 0.001936 |           |          |
| Predicted MQL:    | 0.006454 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00320 | .001    | 1        |
| S1        | .10000       | .09752      | -.002      | -2.48   | .04405 | .000    | 1        |
| S2        | 1.2500       | 1.2257      | -.024      | -1.94   | .51674 | .003    | 1        |
| S3        | 2.5000       | 2.4621      | -.038      | -1.52   | 1.0347 | .002    | 1        |
| S4        | 5.0000       | 4.9700      | -.030      | -.600   | 2.0855 | .012    | 1        |
| S5        | 10.000       | 10.095      | .095       | .946    | 4.2326 | .018    | 1        |



Li 670.784 { 50}

Date of Fit: 09/06/2024 15:18:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006170 Re-Slope: 1.000000  
 A1 (Gain): 1.182913 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999409 Status: OK.  
 Std Error of Est: 0.000835  
 Predicted MDL: 0.002671  
 Predicted MQL: 0.008904

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00618 | .006    | 1        |
| S5        | 10.000       | 10.269      | .269       | 2.69    | 12.141  | .057    | 1        |
| S4        | 5.0000       | 4.9073      | -.093      | -1.85   | 5.7988  | .011    | 1        |
| S3        | 2.5000       | 2.3935      | -.106      | -4.26   | 2.8252  | .010    | 1        |
| S2        | 1.2500       | 1.1728      | -.077      | -6.17   | 1.3812  | .007    | 1        |
| S1        | .01500       | .02271      | .008       | 51.4    | .02069  | .004    | 1        |







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 |            |        |

