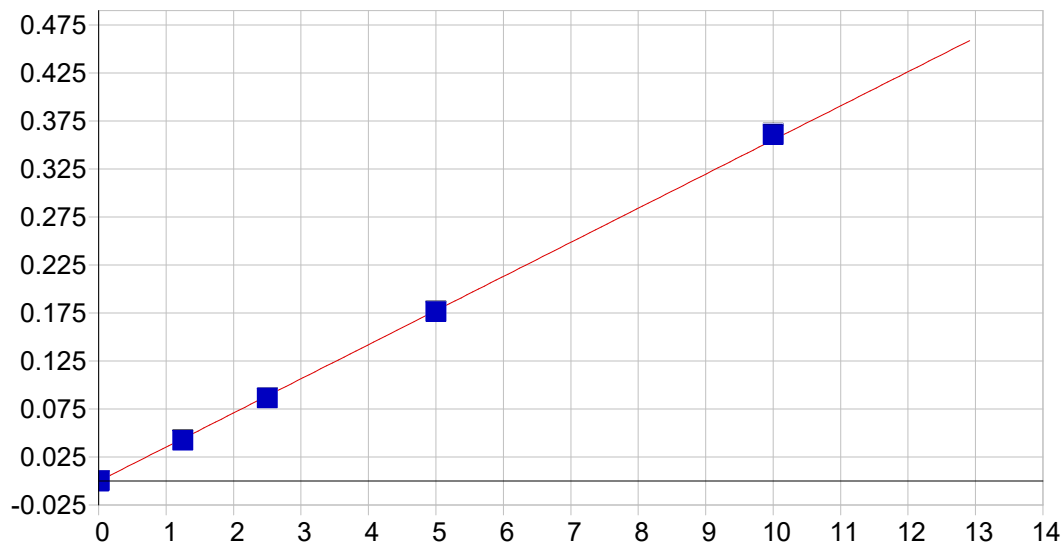


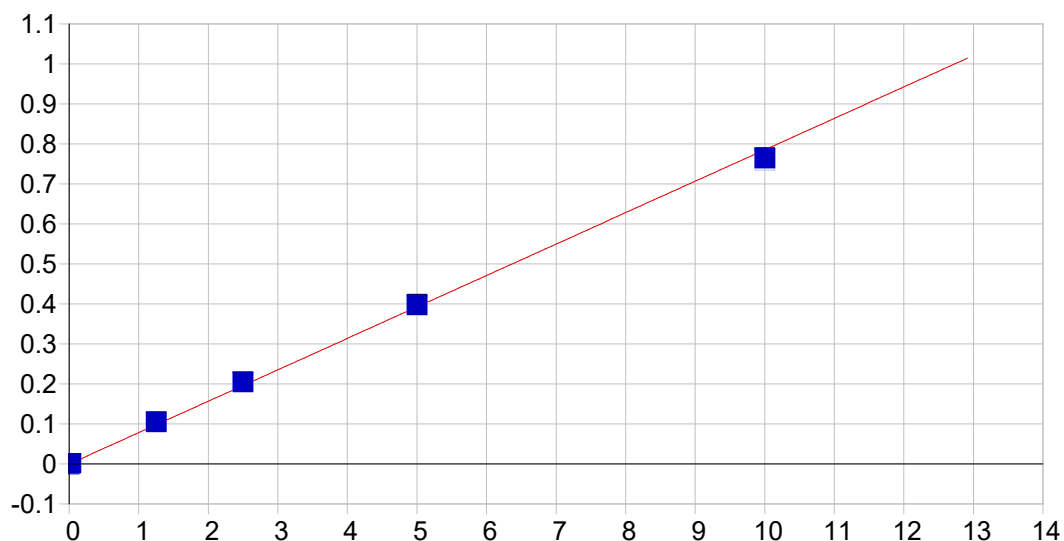


**As 189.042 {479}**

Date of Fit: 10/24/2024 16:11:07      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000211 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.035542  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999796  | Status:   | OK.      |
| Std Error of Est: | 0.000012  |           |          |
| Predicted MDL:    | 0.005423  |           |          |
| Predicted MQL:    | 0.018076  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00021 | .000    | 1        |
| S1        | .01000       | .01296      | .003       | 29.6    | .00025  | .000    | 1        |
| S2        | 1.2500       | 1.1942      | -.056      | -4.46   | .04239  | .000    | 1        |
| S3        | 2.5000       | 2.4322      | -.068      | -2.71   | .08655  | .000    | 1        |
| S4        | 5.0000       | 4.9682      | -.032      | -.636   | .17701  | .000    | 1        |
| S5        | 10.000       | 10.152      | .152       | 1.52    | .36190  | .001    | 1        |

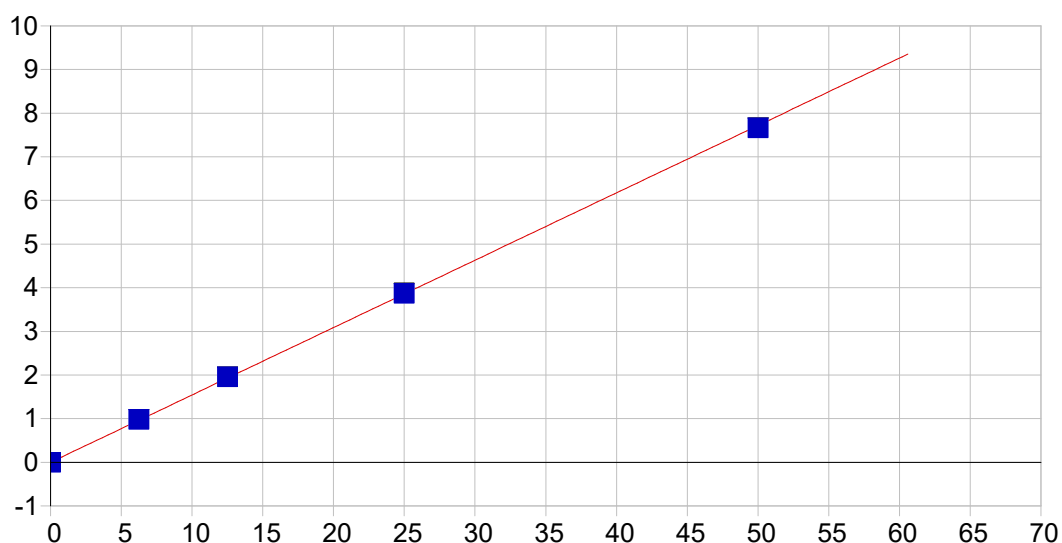


TI 190.856 {477}

Date of Fit: 10/24/2024 16:11:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000432 Re-Slope: 1.000000  
 A1 (Gain): 0.078570 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999479 Status: OK.  
 Std Error of Est: 0.000067  
 Predicted MDL: 0.002727  
 Predicted MQL: 0.009090

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00043 | .000    | 1        |
| S1        | .02500       | .02606      | .001       | 4.23    | .00157  | .000    | 1        |
| S2        | 1.2500       | 1.3373      | .087       | 6.99    | .10396  | .000    | 1        |
| S3        | 2.5000       | 2.6107      | .111       | 4.43    | .20334  | .000    | 1        |
| S4        | 5.0000       | 5.0703      | .070       | 1.41    | .39524  | .001    | 1        |
| S5        | 10.000       | 9.7306      | -.269      | -2.69   | .75869  | .002    | 1        |

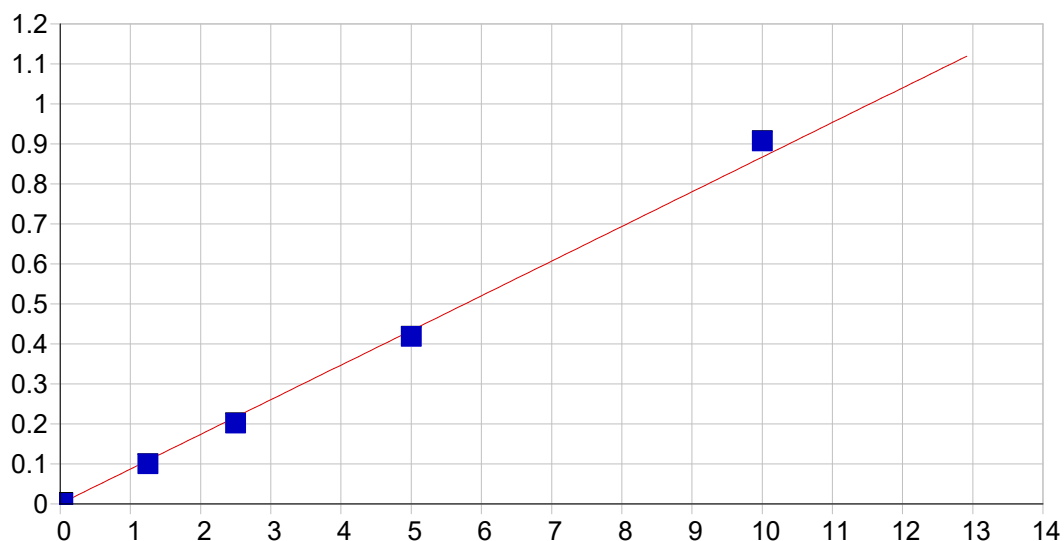


### Pb 220.353 {453}

Date of Fit: 10/24/2024 16:11:07      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000731 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.154371  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999964  | Status:   | OK.      |
| Std Error of Est: | 0.000049  |           |          |
| Predicted MDL:    | 0.003071  |           |          |
| Predicted MQL:    | 0.010236  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00073 | .001    | 1        |
| S1        | .01000       | .01127      | .001       | 12.7    | .00101  | .000    | 1        |
| S2        | 6.2500       | 6.3523      | .102       | 1.64    | .97964  | .003    | 1        |
| S3        | 12.500       | 12.669      | .169       | 1.35    | 1.9545  | .001    | 1        |
| S4        | 25.000       | 25.075      | .075       | .302    | 3.8692  | .010    | 1        |
| S5        | 50.000       | 49.652      | -.348      | -.697   | 7.6621  | .006    | 1        |

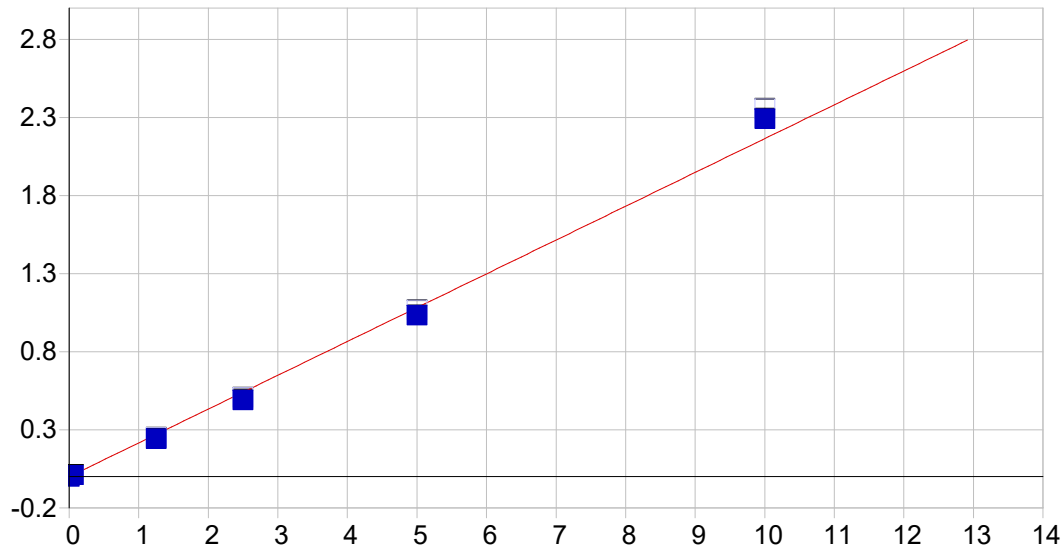


Se 196.090 {472}

Date of Fit: 10/24/2024 16:11:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000458 Re-Slope: 1.000000  
 A1 (Gain): 0.086639 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998646 Status: OK.  
 Std Error of Est: 0.000141  
 Predicted MDL: 0.004749  
 Predicted MQL: 0.015832

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00046 | .000    | 1        |
| S1        | .03500       | .02647      | -.009      | -24.4   | .00275 | .000    | 1        |
| S2        | 1.2500       | 1.1454      | -.105      | -8.37   | .09948 | .000    | 1        |
| S3        | 2.5000       | 2.3258      | -.174      | -6.97   | .20155 | .001    | 1        |
| S4        | 5.0000       | 4.8233      | -.177      | -3.53   | .41752 | .001    | 1        |
| S5        | 10.000       | 10.464      | .464       | 4.64    | .90541 | .001    | 1        |

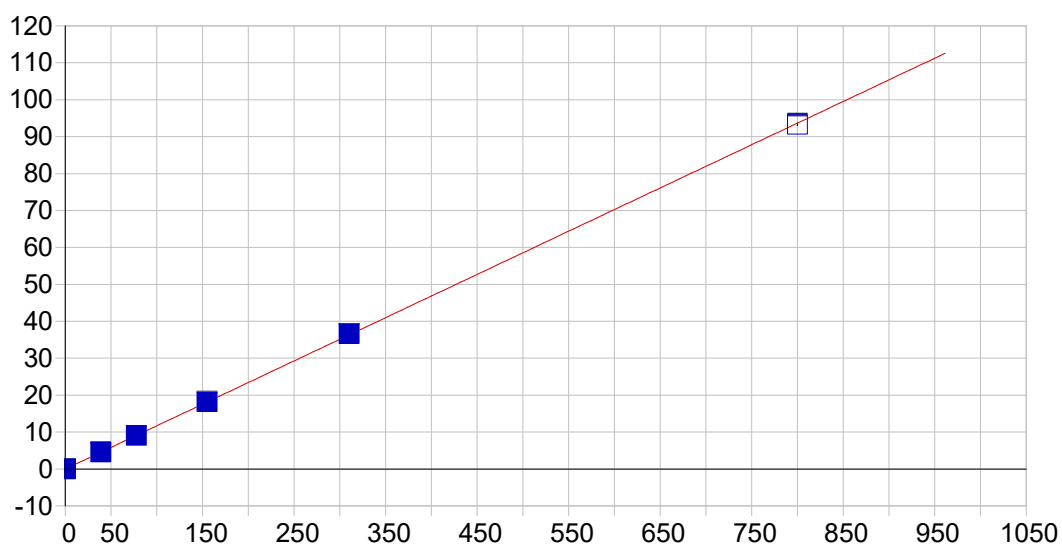


**Sb 206.833 {463}**

Date of Fit: 10/24/2024 16:11:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000109 Re-Slope: 1.000000  
 A1 (Gain): 0.216420 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.997995 Status: OK.  
 Std Error of Est: 0.000581  
 Predicted MDL: 0.002299  
 Predicted MQL: 0.007665

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | -.00011 | .000    | 1        |
| S1        | .06000       | .05521      | -.005      | -7.98   | .01184  | .000    | 1        |
| S2        | 1.2500       | 1.1194      | -.131      | -10.4   | .25014  | .002    | 1        |
| S3        | 2.5000       | 2.2683      | -.232      | -9.27   | .50678  | .001    | 1        |
| S4        | 5.0000       | 4.7774      | -.223      | -4.45   | 1.0658  | .002    | 1        |
| S5        | 10.000       | 10.589      | .589       | 5.89    | 2.3555  | .003    | 1        |

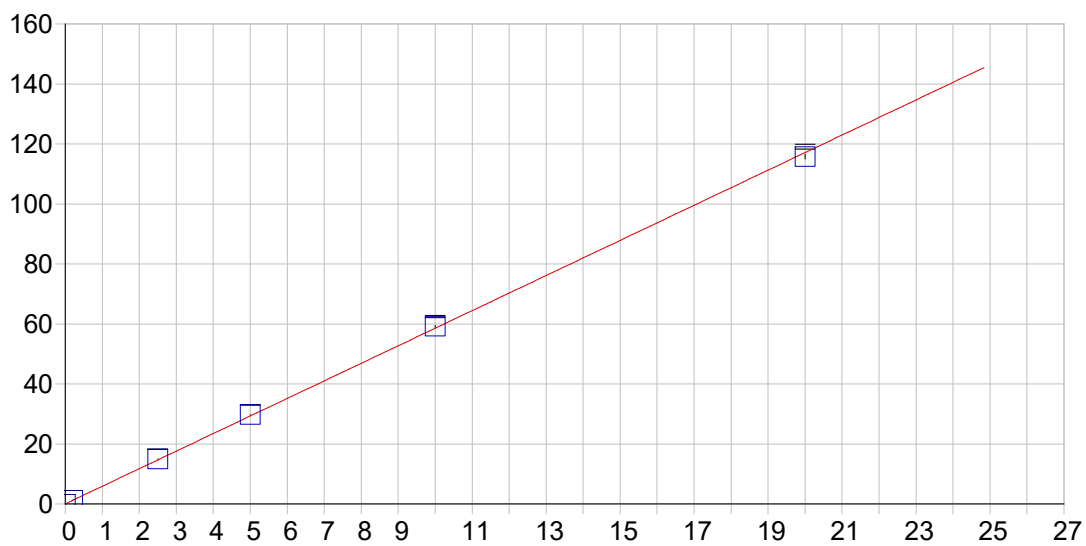


AI 396.152 { 85}

Date of Fit: 10/24/2024 16:11:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004383 Re-Slope: 1.000000  
 A1 (Gain): 0.117102 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999984 Status: OK.  
 Std Error of Est: 0.000408  
 Predicted MDL: 0.013492  
 Predicted MQL: 0.044974

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00438 | .001    | 1        |
| S1        | .20000       | .21217      | .012       | 6.09    | .02051  | .002    | 1        |
| S2        | 38.750       | 39.088      | .338       | .872    | 4.5783  | .016    | 1        |
| S3        | 77.500       | 77.156      | -.344      | -.444   | 9.0417  | .027    | 1        |
| S4        | 155.00       | 155.37      | .370       | .239    | 18.212  | .140    | 1        |
| S5        | 310.00       | 312.78      | 2.78       | .896    | 36.666  | .044    | 1        |
| S6        | 800.00       | 796.84      | -3.16      | -.395   | 93.308  | .348    | 1        |

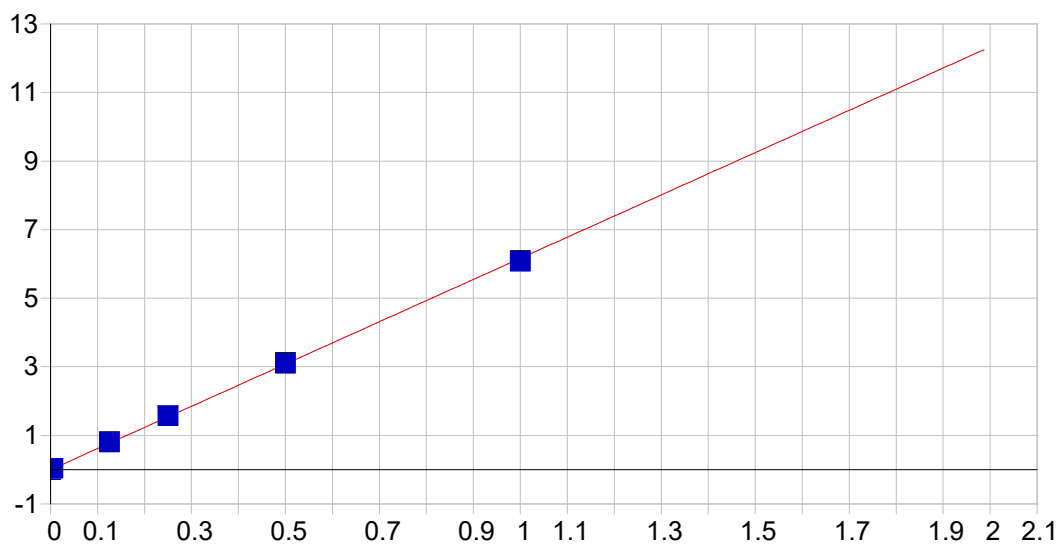


**Ba 493.409 { 68}**

Date of Fit: 10/24/2024 16:11:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.031335 Re-Slope: 1.000000  
 A1 (Gain): 5.853687 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999915 Status: OK.  
 Std Error of Est: 0.008089  
 Predicted MDL: 0.000836  
 Predicted MQL: 0.002787

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .03122 | .002    | 1        |
| S1        | .20000       | .21304      | .013       | 6.52    | 1.2784 | .001    | 1        |
| S2        | 2.5000       | 2.5457      | .046       | 1.83    | 14.933 | .051    | 1        |
| S3        | 5.0000       | 5.0696      | .070       | 1.39    | 29.707 | .034    | 1        |
| S4        | 10.000       | 10.103      | .103       | 1.03    | 59.169 | .359    | 1        |
| S5        | 20.000       | 19.769      | -.231      | -1.15   | 115.75 | .785    | 1        |

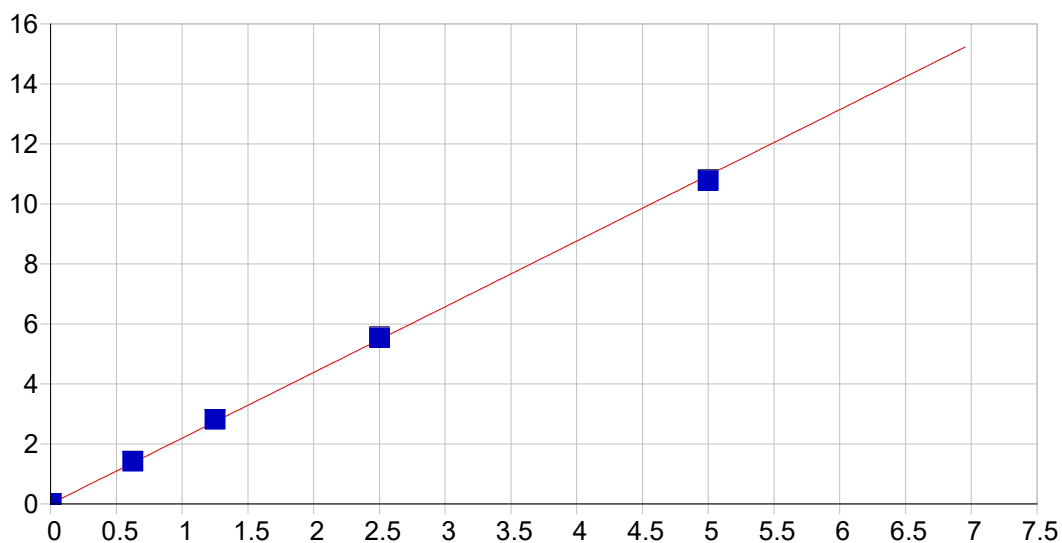


Be 234.861 {144}

Date of Fit: 10/24/2024 16:11:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002784 Re-Slope: 1.000000  
 A1 (Gain): 6.166224 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999823 Status: OK.  
 Std Error of Est: 0.000435  
 Predicted MDL: 0.000146  
 Predicted MQL: 0.000486

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00279 | .001    | 1        |
| S1        | .00500       | .00566      | .001       | 13.2    | .03209  | .001    | 1        |
| S2        | .12500       | .13104      | .006       | 4.83    | .80402  | .001    | 1        |
| S3        | .25000       | .25425      | .004       | 1.70    | 1.5625  | .011    | 1        |
| S4        | .50000       | .50299      | .003       | .598    | 3.0938  | .021    | 1        |
| S5        | 1.0000       | .98606      | -.014      | -1.39   | 6.0675  | .019    | 1        |

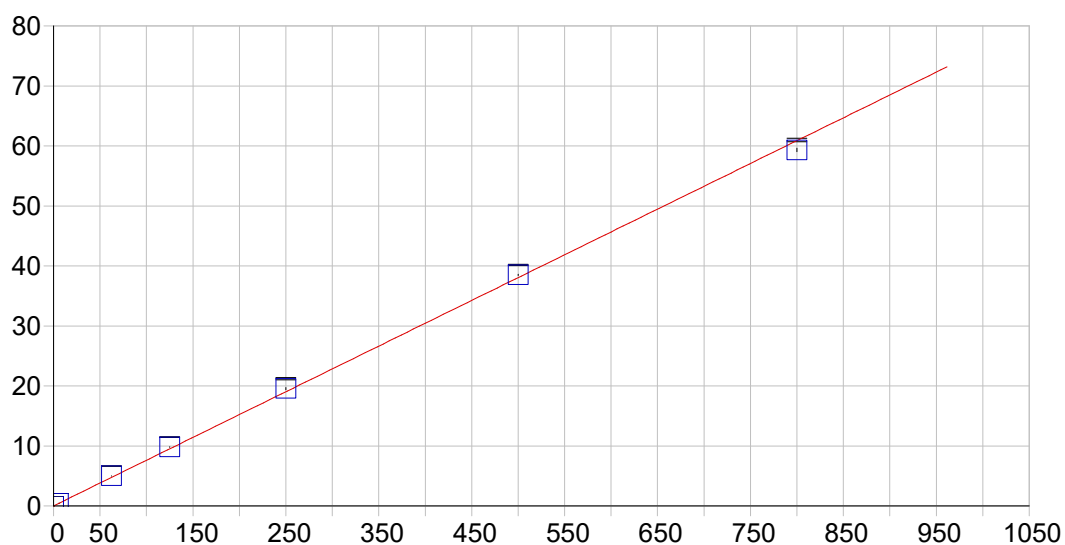


**Cd 214.438 {457}**

Date of Fit: 10/24/2024 16:11:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000381 Re-Slope: 1.000000  
 A1 (Gain): 2.190312 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999825 Status: OK.  
 Std Error of Est: 0.000345  
 Predicted MDL: 0.000131  
 Predicted MQL: 0.000436

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00038 | .000    | 1        |
| S1        | .00500       | .00516      | .000       | 3.29    | .01170 | .000    | 1        |
| S2        | .62500       | .64613      | .021       | 3.38    | 1.4189 | .004    | 1        |
| S3        | 1.2500       | 1.2832      | .033       | 2.65    | 2.8175 | .003    | 1        |
| S4        | 2.5000       | 2.5285      | .029       | 1.14    | 5.5518 | .011    | 1        |
| S5        | 5.0000       | 4.9170      | -.083      | -1.66   | 10.796 | .016    | 1        |

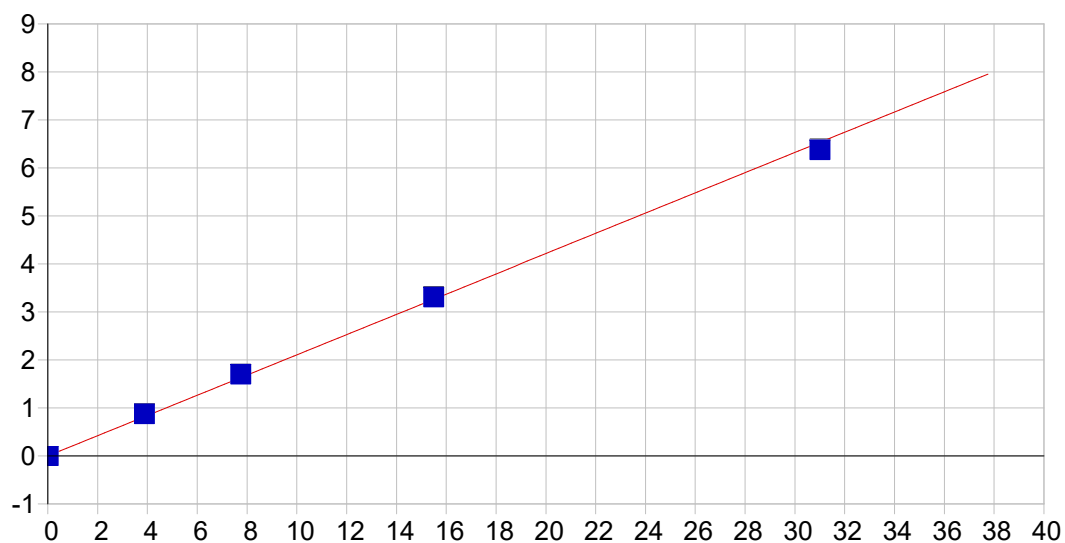


Ca 373.690 { 90}

Date of Fit: 10/24/2024 16:11:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004191 Re-Slope: 1.000000  
 A1 (Gain): 0.076093 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999678 Status: OK.  
 Std Error of Est: 0.006742  
 Predicted MDL: 0.016604  
 Predicted MQL: 0.055347

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00108     | -.001      | .000    | .00411 | .002    | 1        |
| S1        | 5.0000       | 5.6121      | .612       | 12.2    | .43123 | .004    | 1        |
| S2        | 62.500       | 65.529      | 3.03       | 4.85    | 4.9904 | .021    | 1        |
| S3        | 125.00       | 128.97      | 3.97       | 3.17    | 9.8176 | .048    | 1        |
| S4        | 250.00       | 256.95      | 6.95       | 2.78    | 19.557 | .181    | 1        |
| S5        | 500.00       | 505.74      | 5.74       | 1.15    | 38.488 | .108    | 1        |
| S6        | 800.00       | 779.69      | -20.3      | -2.54   | 59.333 | .288    | 1        |

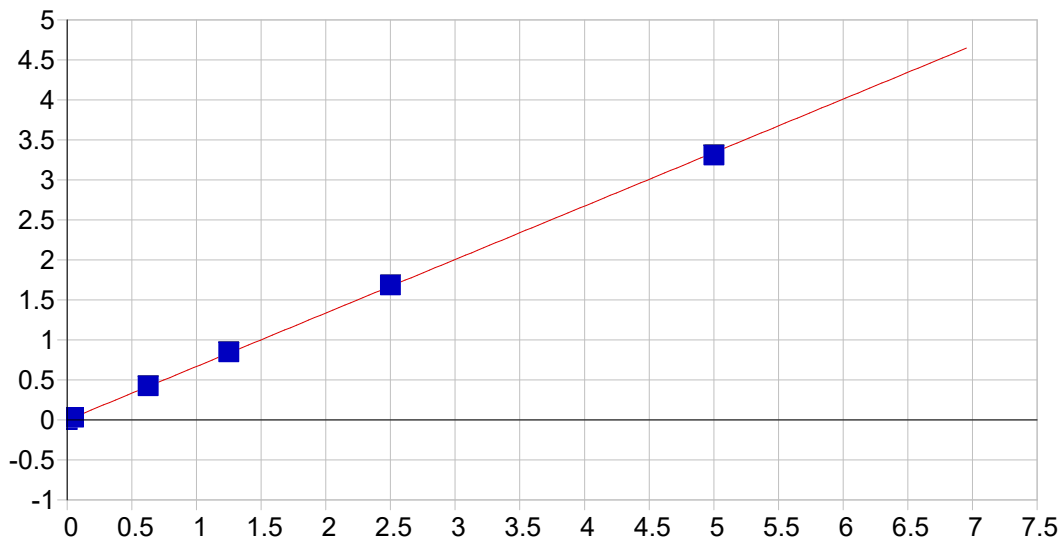


**Cr 267.716 {126}**

Date of Fit: 10/24/2024 16:11:07      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000236 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.210716  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999569  | Status:   | OK.      |
| Std Error of Est: | 0.000183  |           |          |
| Predicted MDL:    | 0.000929  |           |          |
| Predicted MQL:    | 0.003097  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00024 | .000    | 1        |
| S1        | .01000       | .01157      | .002       | 15.7    | .00221  | .000    | 1        |
| S2        | 3.8750       | 4.1390      | .264       | 6.81    | .87283  | .003    | 1        |
| S3        | 7.7500       | 8.0531      | .303       | 3.91    | 1.6985  | .003    | 1        |
| S4        | 15.500       | 15.680      | .180       | 1.16    | 3.3074  | .005    | 1        |
| S5        | 31.000       | 30.252      | -.748      | -2.41   | 6.3816  | .012    | 1        |

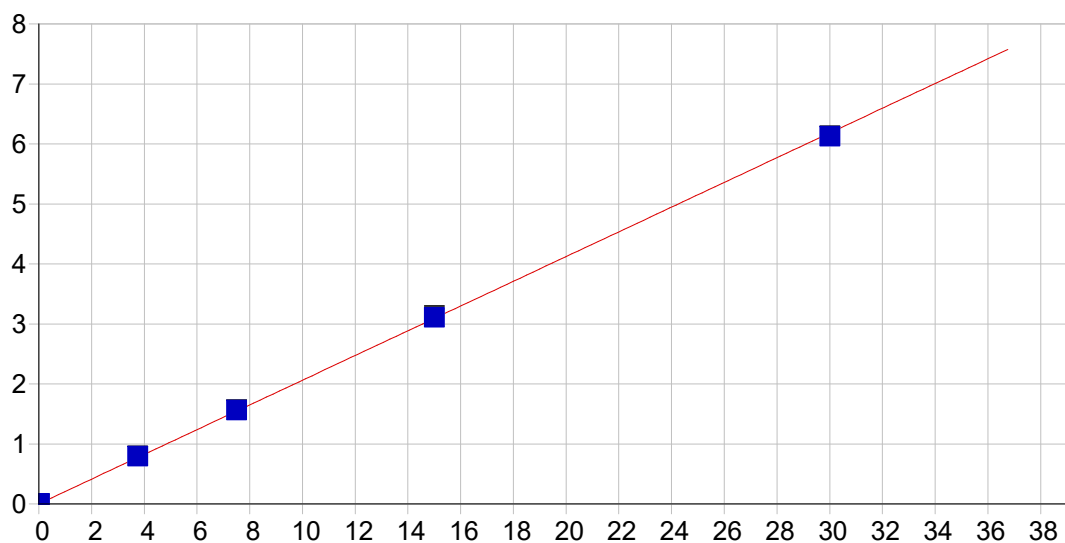


Co 228.616 {448}

Date of Fit: 10/24/2024 16:11:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000412 Re-Slope: 1.000000  
 A1 (Gain): 0.668366 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999945 Status: OK.  
 Std Error of Est: 0.000187  
 Predicted MDL: 0.000497  
 Predicted MQL: 0.001656

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00041 | .000    | 1        |
| S1        | .05000       | .05041      | .000       | .822    | .03340  | .000    | 1        |
| S2        | .62500       | .63366      | .009       | 1.39    | .42361  | .000    | 1        |
| S3        | 1.2500       | 1.2684      | .018       | 1.47    | .84835  | .001    | 1        |
| S4        | 2.5000       | 2.5212      | .021       | .849    | 1.6867  | .003    | 1        |
| S5        | 5.0000       | 4.9513      | -.049      | -.974   | 3.3130  | .004    | 1        |

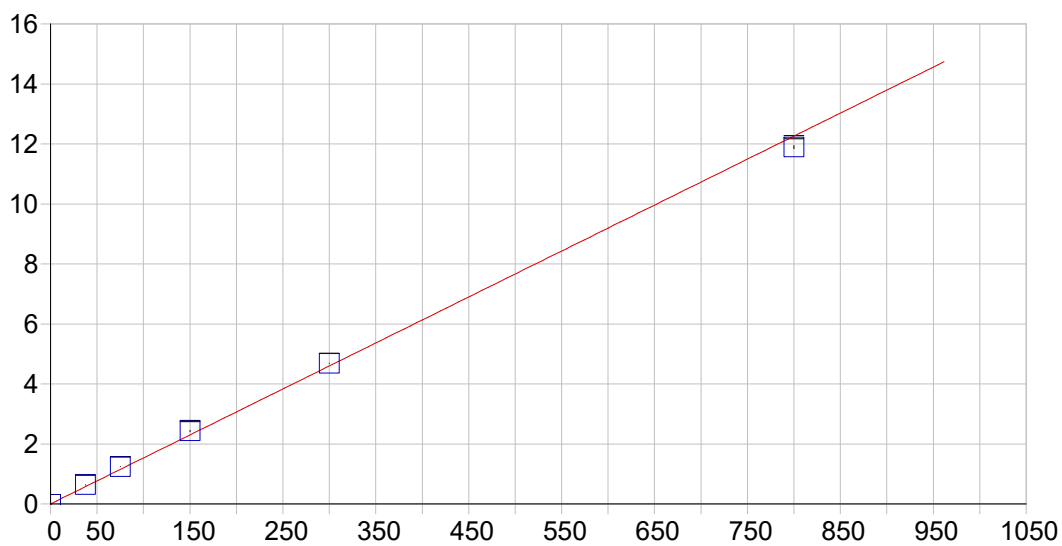


**Cu 324.754 {104}**

Date of Fit: 10/24/2024 16:11:07      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001411 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.206040 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999945 | Status:   | OK.      |
| Std Error of Est: | 0.000099 |           |          |
| Predicted MDL:    | 0.003780 |           |          |
| Predicted MQL:    | 0.012599 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00141 | .000    | 1        |
| S1        | .02500       | .02442      | -.001      | -2.30   | .00644 | .000    | 1        |
| S2        | 3.7500       | 3.8467      | .097       | 2.58    | .79348 | .001    | 1        |
| S3        | 7.5000       | 7.5808      | .081       | 1.08    | 1.5624 | .004    | 1        |
| S4        | 15.000       | 15.087      | .087       | .581    | 3.1080 | .024    | 1        |
| S5        | 30.000       | 29.736      | -.264      | -.880   | 6.1243 | .006    | 1        |

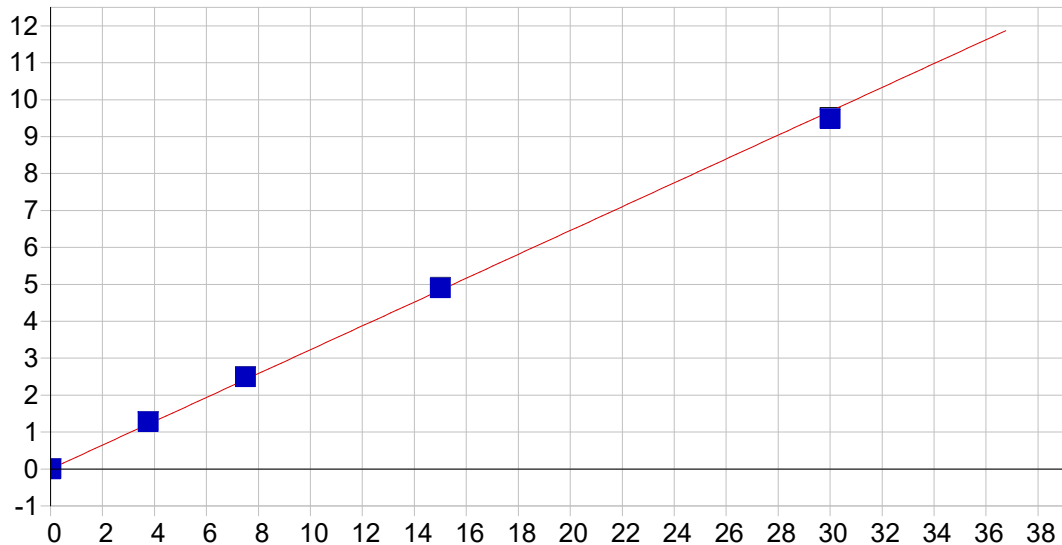


### Fe 259.837 {130}

Date of Fit: 10/24/2024 16:11:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000295 Re-Slope: 1.000000  
 A1 (Gain): 0.015325 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999193 Status: OK.  
 Std Error of Est: 0.000269  
 Predicted MDL: 0.023436  
 Predicted MQL: 0.078119

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00004     | -.000      | .000    | .00029 | .000    | 1        |
| S1        | .10000       | .11974      | .020       | 19.7    | .00213 | .000    | 1        |
| S2        | 37.500       | 41.415      | 3.91       | 10.4    | .63499 | .004    | 1        |
| S3        | 75.000       | 80.833      | 5.83       | 7.78    | 1.2391 | .006    | 1        |
| S4        | 150.00       | 158.62      | 8.62       | 5.75    | 2.4312 | .025    | 1        |
| S5        | 300.00       | 305.77      | 5.77       | 1.92    | 4.6863 | .008    | 1        |
| S6        | 800.00       | 775.85      | -24.2      | -3.02   | 11.890 | .053    | 1        |

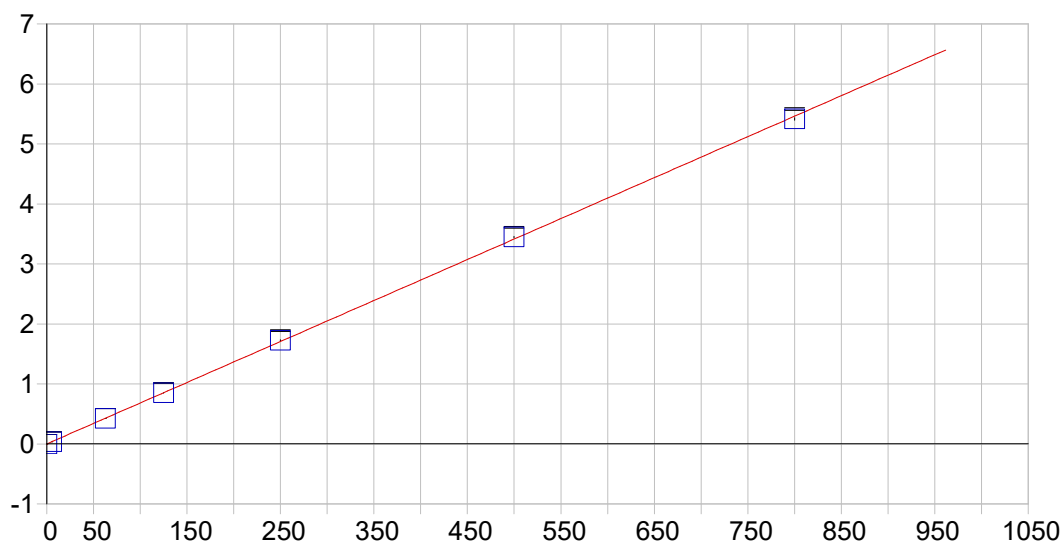


**Mn 257.610 {131}**

Date of Fit: 10/24/2024 16:11:07      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000055 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.322849 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999704 | Status:   | OK.      |
| Std Error of Est: | 0.000279 |           |          |
| Predicted MDL:    | 0.001163 |           |          |
| Predicted MQL:    | 0.003878 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00005 | .000    | 1        |
| S1        | .01500       | .01540      | .000       | 2.66    | .00504 | .000    | 1        |
| S2        | 3.7500       | 3.9634      | .213       | 5.69    | 1.2798 | .005    | 1        |
| S3        | 7.5000       | 7.7274      | .227       | 3.03    | 2.4952 | .009    | 1        |
| S4        | 15.000       | 15.168      | .168       | 1.12    | 4.8978 | .024    | 1        |
| S5        | 30.000       | 29.391      | -.609      | -2.03   | 9.4903 | .024    | 1        |

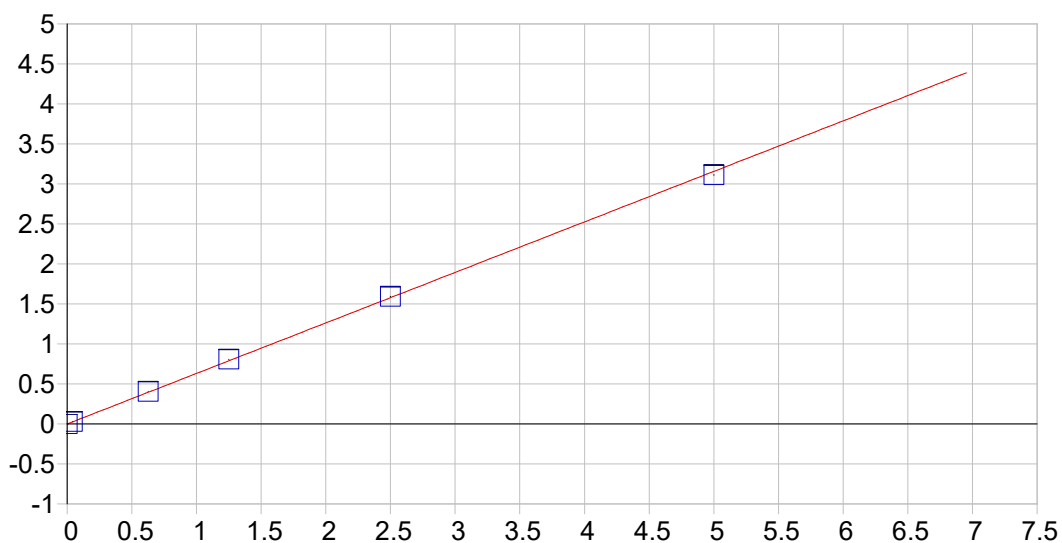


**Mg 279.079 {121}**

Date of Fit: 10/24/2024 16:11:07      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000175 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.006828  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999961  | Status:   | OK.      |
| Std Error of Est: | 0.000211  |           |          |
| Predicted MDL:    | 0.062461  |           |          |
| Predicted MQL:    | 0.208203  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00028     | -.000      | .000    | -.00018 | .000    | 1        |
| S1        | 5.0000       | 5.2679      | .268       | 5.36    | .03579  | .001    | 1        |
| S2        | 62.500       | 62.227      | -.273      | -.437   | .42470  | .002    | 1        |
| S3        | 125.00       | 124.62      | -.379      | -.303   | .85071  | .004    | 1        |
| S4        | 250.00       | 252.33      | 2.33       | .932    | 1.7227  | .013    | 1        |
| S5        | 500.00       | 504.67      | 4.67       | .934    | 3.4456  | .013    | 1        |
| S6        | 800.00       | 793.38      | -6.62      | -.827   | 5.4169  | .022    | 1        |

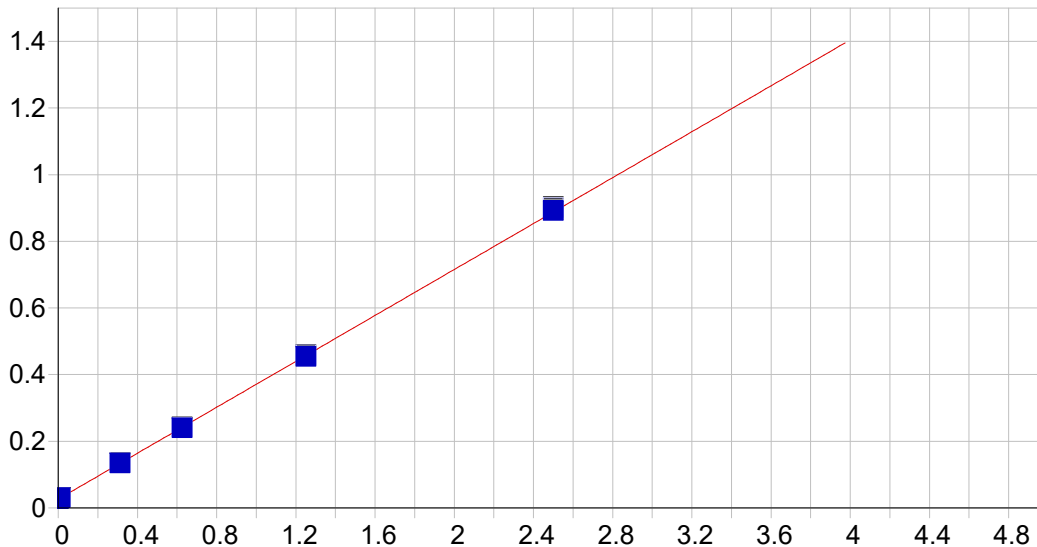


**Ni 231.604 {446}**

Date of Fit: 10/24/2024 16:11:07      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000442 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.631384  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999864  | Status:   | OK.      |
| Std Error of Est: | 0.000248  |           |          |
| Predicted MDL:    | 0.000560  |           |          |
| Predicted MQL:    | 0.001866  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00045 | .000    | 1        |
| S1        | .04000       | .04253      | .003       | 6.34    | .02641  | .000    | 1        |
| S2        | .62500       | .64294      | .018       | 2.87    | .40550  | .002    | 1        |
| S3        | 1.2500       | 1.2781      | .028       | 2.24    | .80650  | .002    | 1        |
| S4        | 2.5000       | 2.5236      | .024       | .942    | 1.5929  | .003    | 1        |
| S5        | 5.0000       | 4.9279      | -.072      | -1.44   | 3.1110  | .003    | 1        |

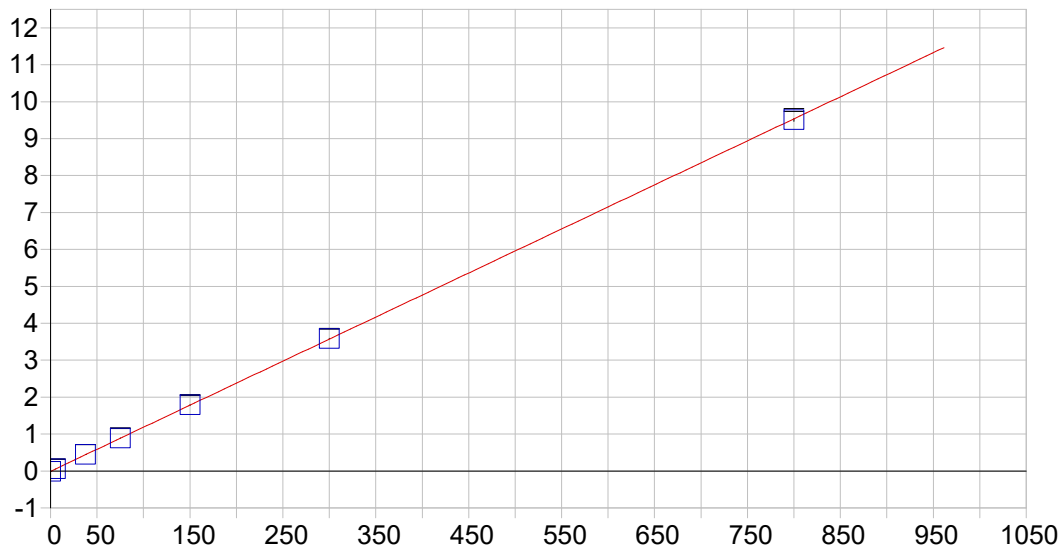


**Ag 328.068 {103}**

Date of Fit: 10/24/2024 16:11:07      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.026407 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.344548 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999945 | Status:   | OK.      |
| Std Error of Est: | 0.000031 |           |          |
| 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    | .02641 | .000    | 1        |
| S1        | .01000       | .01188      | .002       | 18.8    | .03049 | .000    | 1        |
| S2        | .31250       | .31299      | .000       | .156    | .13541 | .000    | 1        |
| S3        | .62500       | .61878      | -.006      | -.995   | .24193 | .001    | 1        |
| S4        | 1.2500       | 1.2418      | -.008      | -.658   | .45890 | .001    | 1        |
| S5        | 2.5000       | 2.5121      | .012       | .484    | .90123 | .002    | 1        |

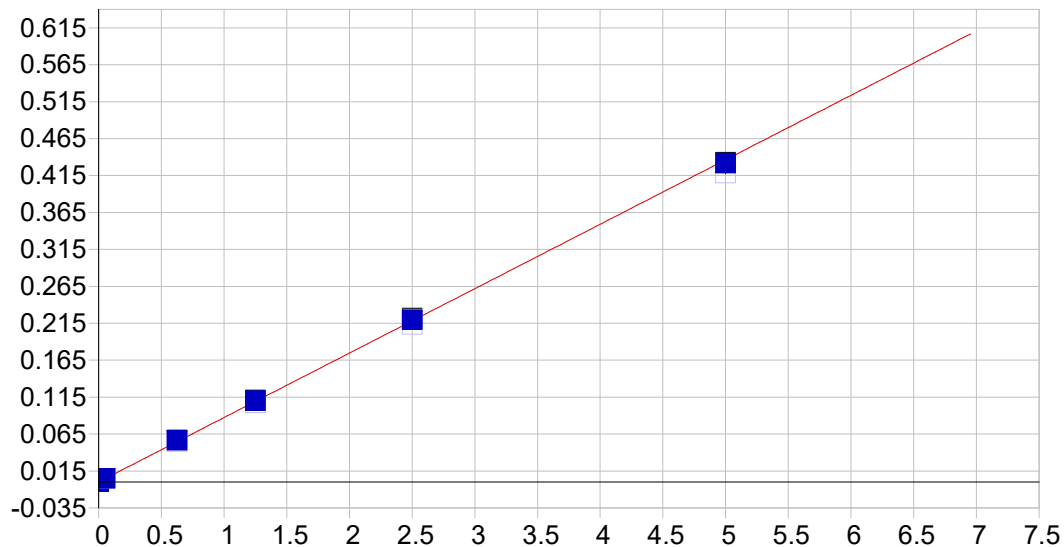


### Na 818.326 { 41}

Date of Fit: 10/24/2024 16:11:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.008731 Re-Slope: 1.000000  
 A1 (Gain): 0.011931 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999989 Status: OK.  
 Std Error of Est: 0.000171  
 Predicted MDL: 0.281078  
 Predicted MQL: 0.936927

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00029     | -.000      | .000    | -.00873 | .006    | 1        |
| S1        | 5.0000       | 5.1735      | .173       | 3.47    | .05300  | .003    | 1        |
| S2        | 37.500       | 38.136      | .636       | 1.70    | .44628  | .002    | 1        |
| S3        | 75.000       | 75.249      | .249       | .331    | .88908  | .008    | 1        |
| S4        | 150.00       | 150.52      | .524       | .349    | 1.7872  | .011    | 1        |
| S5        | 300.00       | 300.86      | .865       | .288    | 3.5810  | .010    | 1        |
| S6        | 800.00       | 797.55      | -2.45      | -.306   | 9.5071  | .036    | 1        |

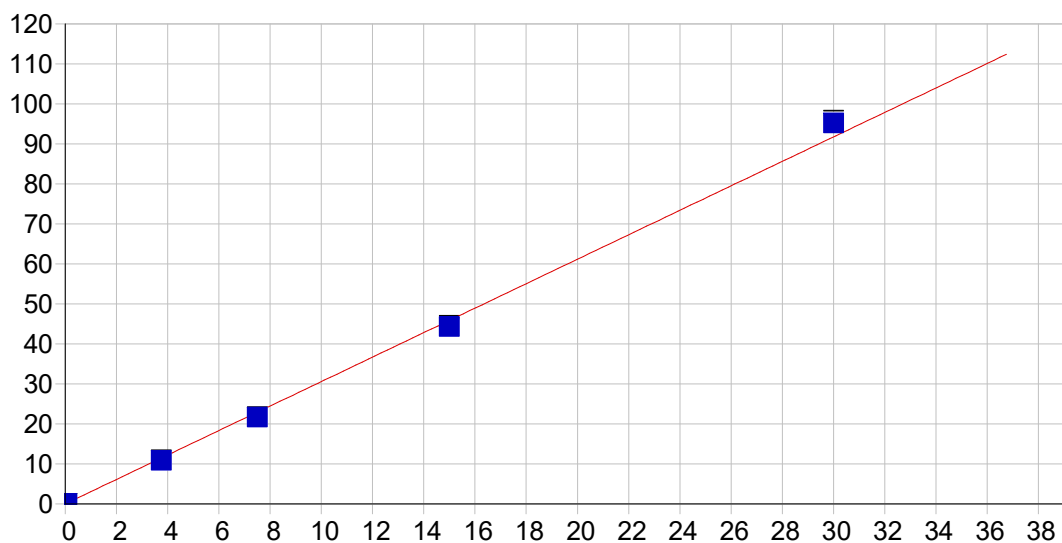


V 292.402 {115}

Date of Fit: 10/24/2024 16:11:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000076 Re-Slope: 1.000000  
A1 (Gain): 0.087259 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999910 Status: OK.  
Std Error of Est: 0.000030  
Predicted MDL: 0.008764  
Predicted MQL: 0.029212

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00008 | .000    | 1        |
| S1        | .05000       | .05297      | .003       | 5.95    | .00469 | .000    | 1        |
| S2        | .62500       | .64361      | .019       | 2.98    | .05456 | .001    | 1        |
| S3        | 1.2500       | 1.2638      | .014       | 1.10    | .10700 | .001    | 1        |
| S4        | 2.5000       | 2.5183      | .018       | .730    | .21311 | .002    | 1        |
| S5        | 5.0000       | 4.9463      | -.054      | -1.07   | .41828 | .001    | 1        |

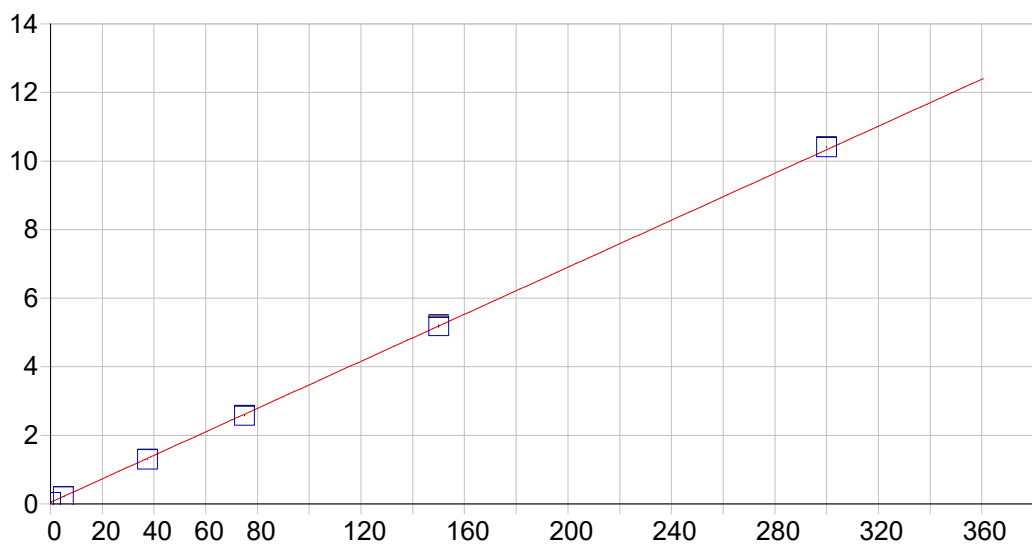


**Zn 213.856 {158}**

Date of Fit: 10/24/2024 16:11:07      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001681 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.058256 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999168 | Status:   | OK.      |
| Std Error of Est: | 0.008894 |           |          |
| Predicted MDL:    | 0.000436 |           |          |
| Predicted MQL:    | 0.001453 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00171 | .002    | 1        |
| S1        | .06000       | .05744      | -.003      | -4.27   | .17823 | .001    | 1        |
| S2        | 3.7500       | 3.5566      | -.193      | -5.16   | 10.892 | .048    | 1        |
| S3        | 7.5000       | 7.0829      | -.417      | -5.56   | 21.691 | .089    | 1        |
| S4        | 15.000       | 14.480      | -.520      | -3.47   | 44.342 | .287    | 1        |
| S5        | 30.000       | 31.133      | 1.13       | 3.78    | 95.325 | .584    | 1        |

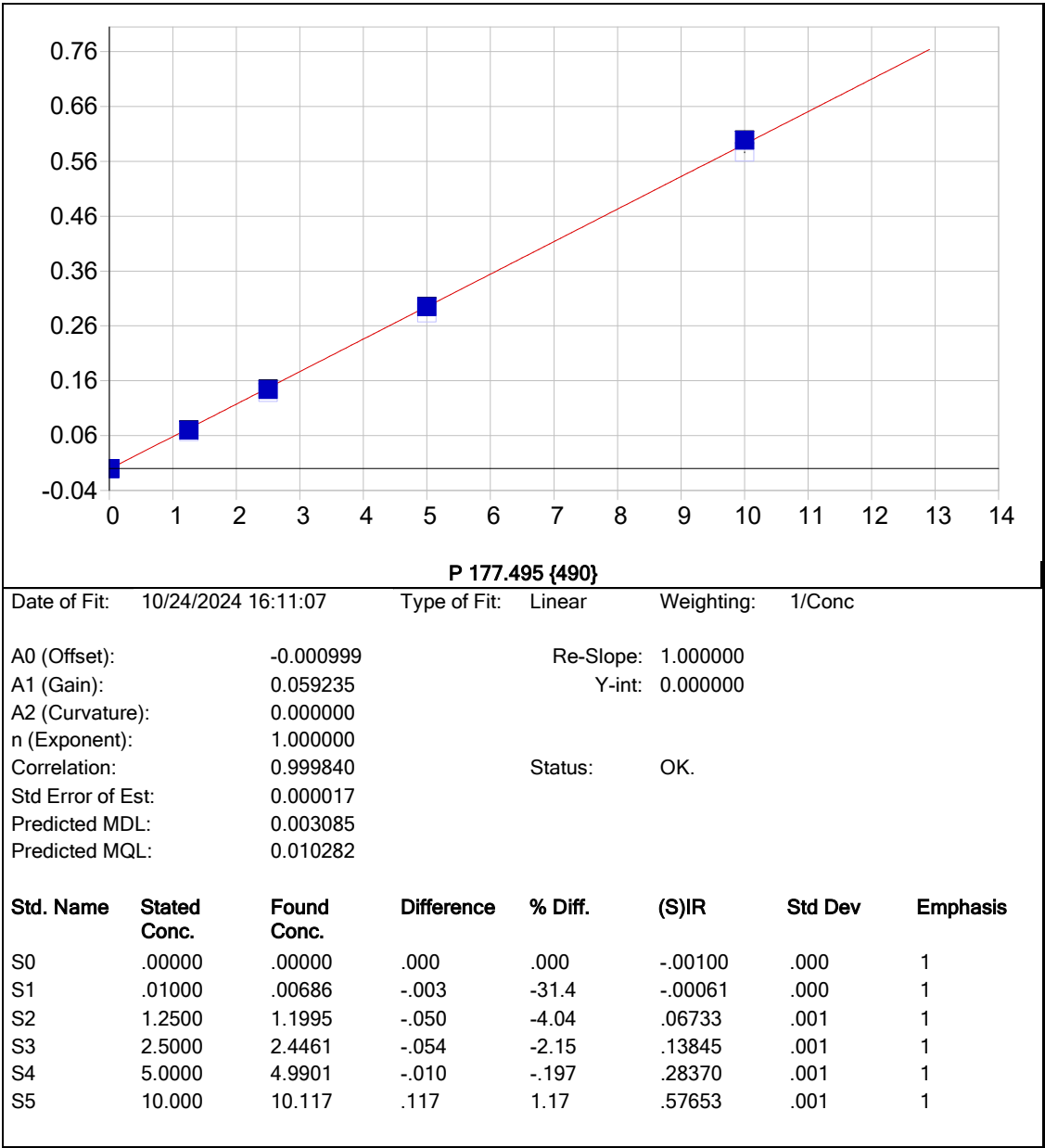


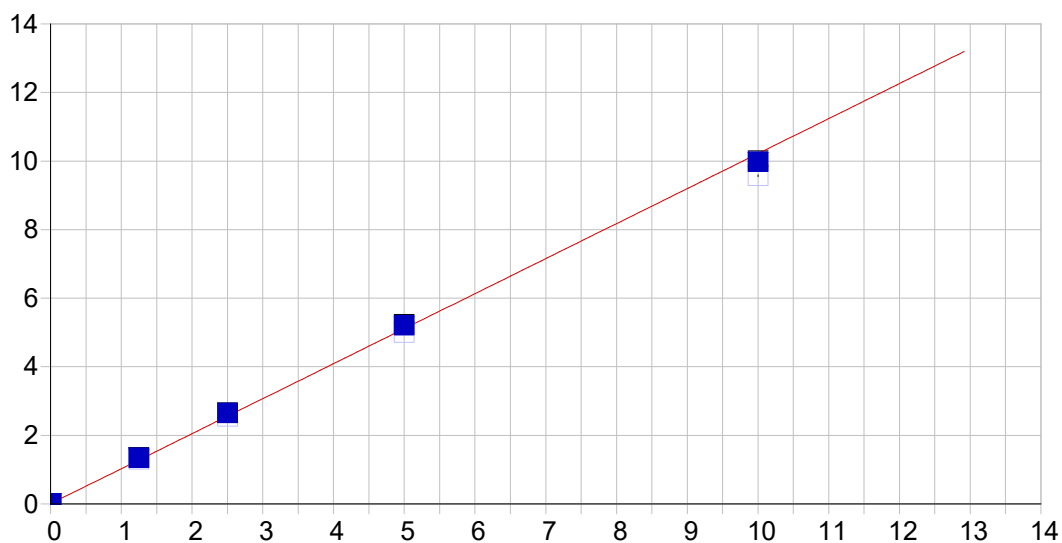
K 769.896 { 44}

Date of Fit: 10/24/2024 16:11:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.046025 Re-Slope: 1.000000  
 A1 (Gain): 0.034280 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999946 Status: OK.  
 Std Error of Est: 0.000736  
 Predicted MDL: 0.126779  
 Predicted MQL: 0.422596

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00020      | .000       | .000    | .04603 | .001    | 1        |
| S1        | 5.0000       | 4.9734      | -.027      | -.531   | .21652 | .001    | 1        |
| S2        | 37.500       | 36.571      | -.929      | -2.48   | 1.2997 | .003    | 1        |
| S3        | 75.000       | 73.746      | -1.25      | -1.67   | 2.5741 | .011    | 1        |
| S4        | 150.00       | 149.93      | -.075      | -.050   | 5.1855 | .037    | 1        |
| S5        | 300.00       | 302.28      | 2.28       | .761    | 10.408 | .010    | 1        |



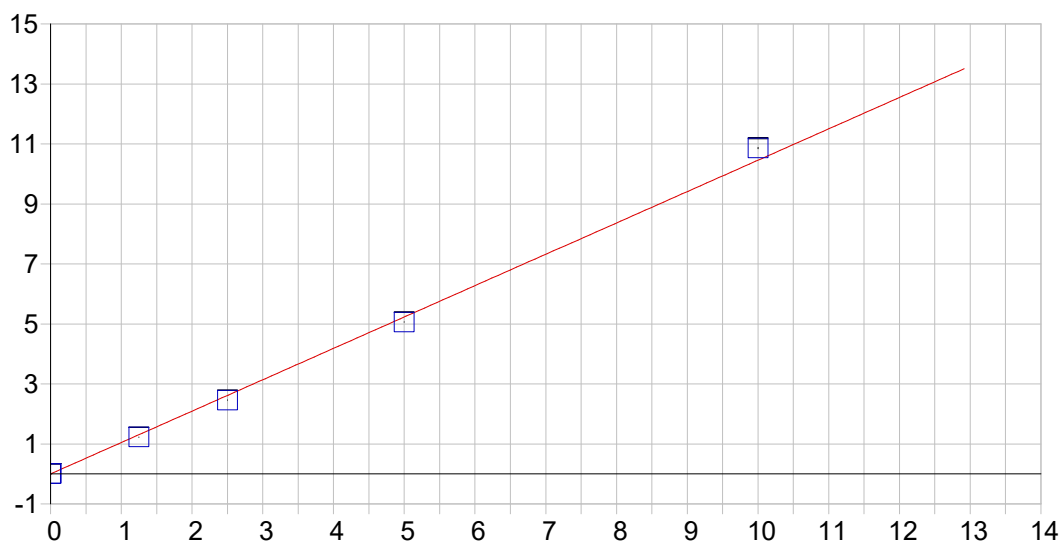


**B 249.678 {135}**

Date of Fit: 10/24/2024 16:11:07      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.005887 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.021182 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999346 | Status:   | OK.      |
| Std Error of Est: | 0.000595 |           |          |
| Predicted MDL:    | 0.000995 |           |          |
| Predicted MQL:    | 0.003318 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00590 | .000    | 1        |
| S1        | .01000       | .00033      | -.010      | -96.7   | .00613 | .000    | 1        |
| S2        | 1.2500       | 1.3131      | .063       | 5.05    | 1.2953 | .001    | 1        |
| S3        | 2.5000       | 2.5881      | .088       | 3.53    | 2.5458 | .003    | 1        |
| S4        | 5.0000       | 5.0902      | .090       | 1.80    | 4.9978 | .036    | 1        |
| S5        | 10.000       | 9.7686      | -.231      | -2.31   | 9.5692 | .021    | 1        |

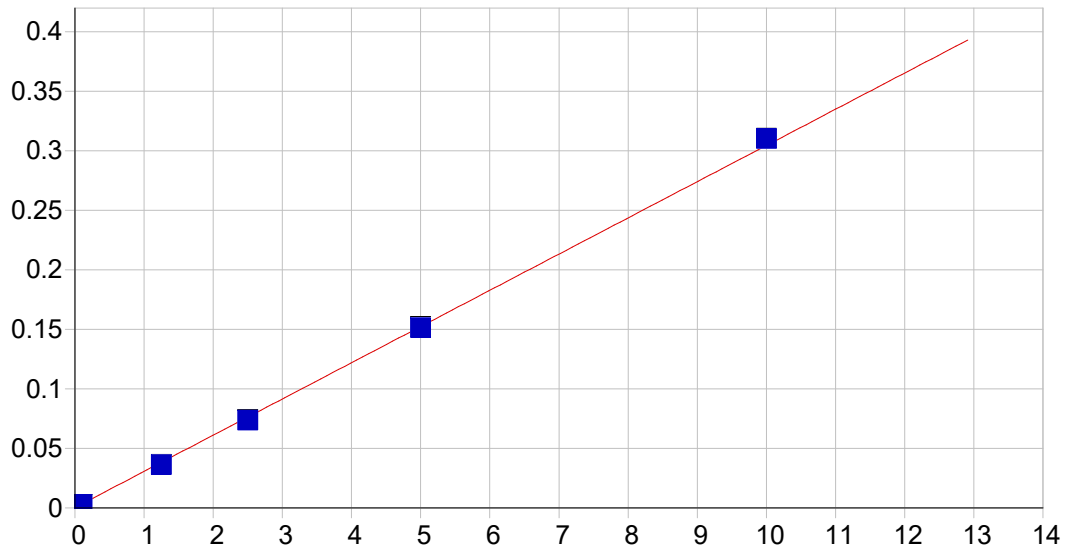


Mo 202.030 {467}

Date of Fit: 10/24/2024 16:11:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000039 Re-Slope: 1.000000  
 A1 (Gain): 1.045786 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999108 Status: OK.  
 Std Error of Est: 0.000741  
 Predicted MDL: 0.000426  
 Predicted MQL: 0.001420

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00004 | .000    | 1        |
| S1        | .01000       | .00956      | -.000      | -4.41   | .00996  | .000    | 1        |
| S2        | 1.2500       | 1.1723      | -.078      | -6.22   | 1.2259  | .003    | 1        |
| S3        | 2.5000       | 2.3530      | -.147      | -5.88   | 2.4607  | .006    | 1        |
| S4        | 5.0000       | 4.8397      | -.160      | -3.21   | 5.0613  | .006    | 1        |
| S5        | 10.000       | 10.385      | .385       | 3.85    | 10.861  | .025    | 1        |

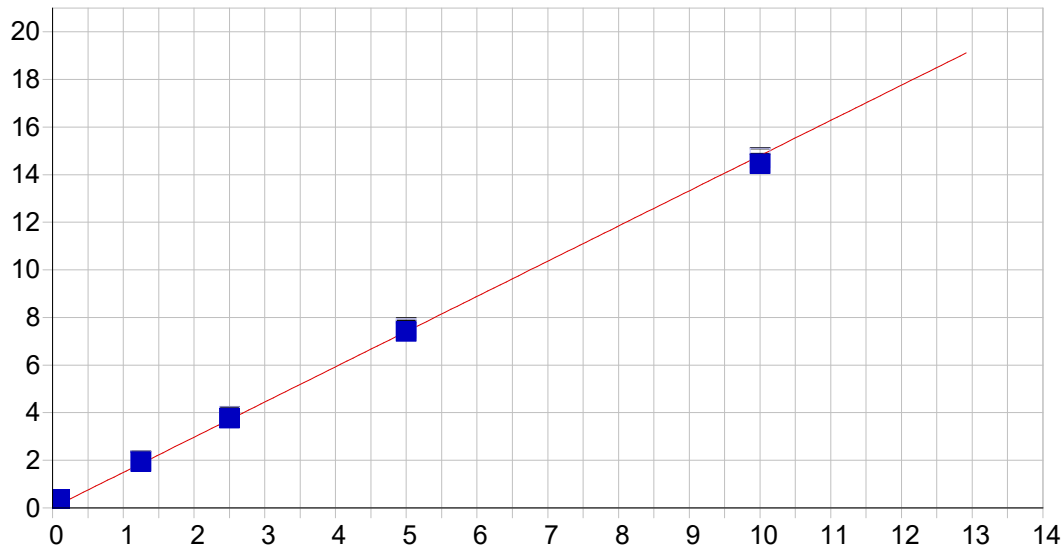


**S 182.034 {485}**

Date of Fit: 10/24/2024 16:11:07      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000275 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.030427 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999712 | Status:   | OK.      |
| Std Error of Est: | 0.000039 |           |          |
| Predicted MDL:    | 0.005874 |           |          |
| Predicted MQL:    | 0.019580 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00028 | .000    | 1        |
| S1        | .10000       | .08892      | -.011      | -11.1   | .00298 | .000    | 1        |
| S2        | 1.2500       | 1.1875      | -.063      | -5.00   | .03641 | .000    | 1        |
| S3        | 2.5000       | 2.4160      | -.084      | -3.36   | .07379 | .000    | 1        |
| S4        | 5.0000       | 4.9703      | -.030      | -.595   | .15152 | .001    | 1        |
| S5        | 10.000       | 10.187      | .187       | 1.87    | .31027 | .000    | 1        |

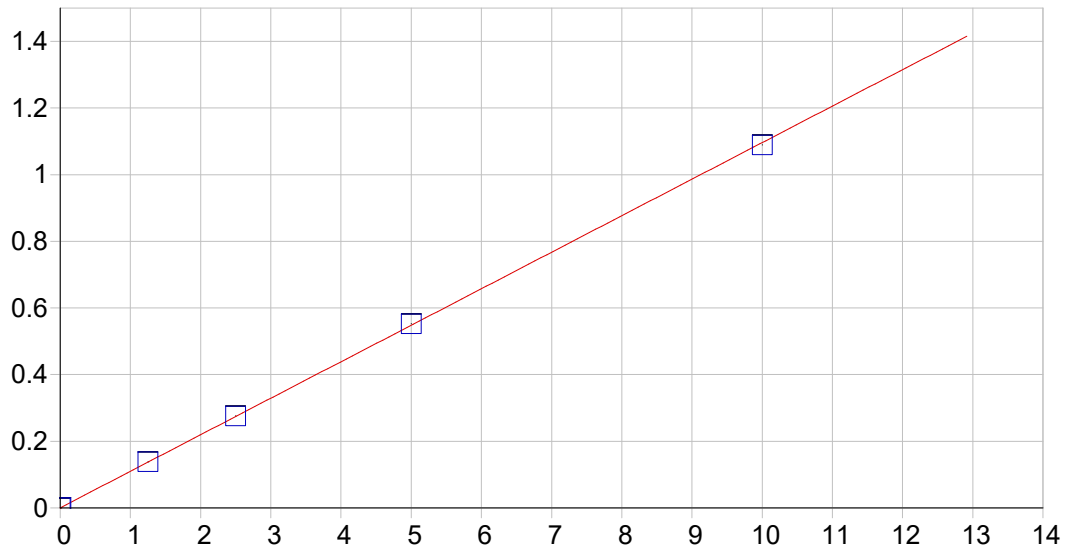


Si 251.611 {134}

Date of Fit: 10/24/2024 16:11:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011298 Re-Slope: 1.000000  
 A1 (Gain): 1.479083 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.994627 Status: OK.  
 Std Error of Est: 0.008312  
 Predicted MDL: 0.000592  
 Predicted MQL: 0.001973

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00015     | -.000      | .000    | .01108 | .001    | 1        |
| S1        | .10000       | .24216      | .142       | 142.    | .37046 | .003    | 1        |
| S2        | 1.2500       | 1.3054      | .055       | 4.43    | 1.9720 | .011    | 1        |
| S3        | 2.5000       | 2.5394      | .039       | 1.57    | 3.8270 | .020    | 1        |
| S4        | 5.0000       | 4.9973      | -.003      | -.054   | 7.5223 | .052    | 1        |
| S5        | 10.000       | 9.7671      | -.233      | -2.33   | 14.697 | .028    | 1        |

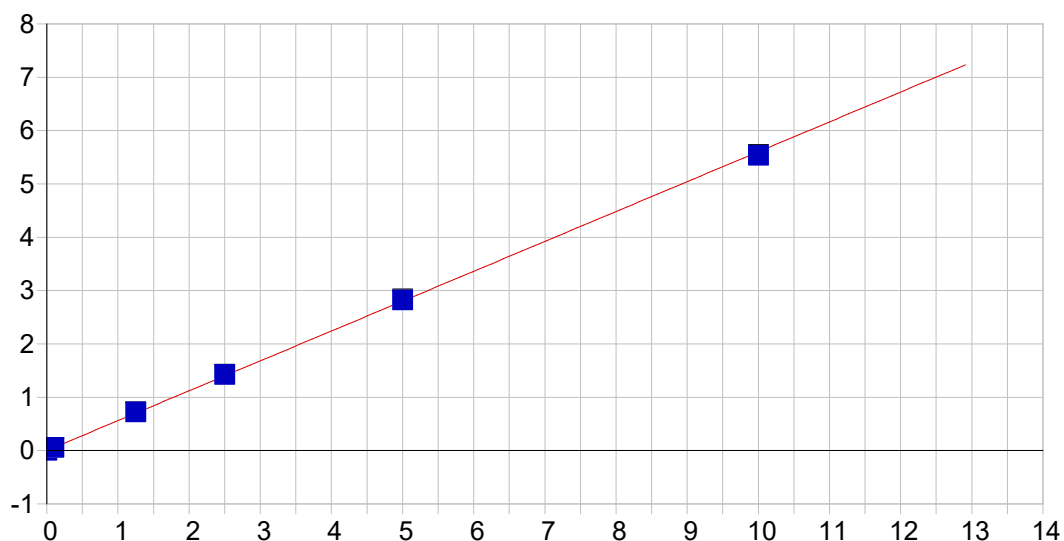


**Sn 189.989 {478}**

Date of Fit: 10/24/2024 16:11:07      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000265 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.109578 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999962 | Status:   | OK.      |
| Std Error of Est: | 0.000013 |           |          |
| Predicted MDL:    | 0.001632 |           |          |
| Predicted MQL:    | 0.005440 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00027 | .000    | 1        |
| S1        | .00700       | .00494      | -.002      | -29.4   | .00081 | .000    | 1        |
| S2        | 1.2500       | 1.2581      | .008       | .651    | .13813 | .000    | 1        |
| S3        | 2.5000       | 2.5165      | .017       | .660    | .27602 | .000    | 1        |
| S4        | 5.0000       | 5.0383      | .038       | .766    | .55235 | .001    | 1        |
| S5        | 10.000       | 9.9391      | -.061      | -.609   | 1.0894 | .001    | 1        |

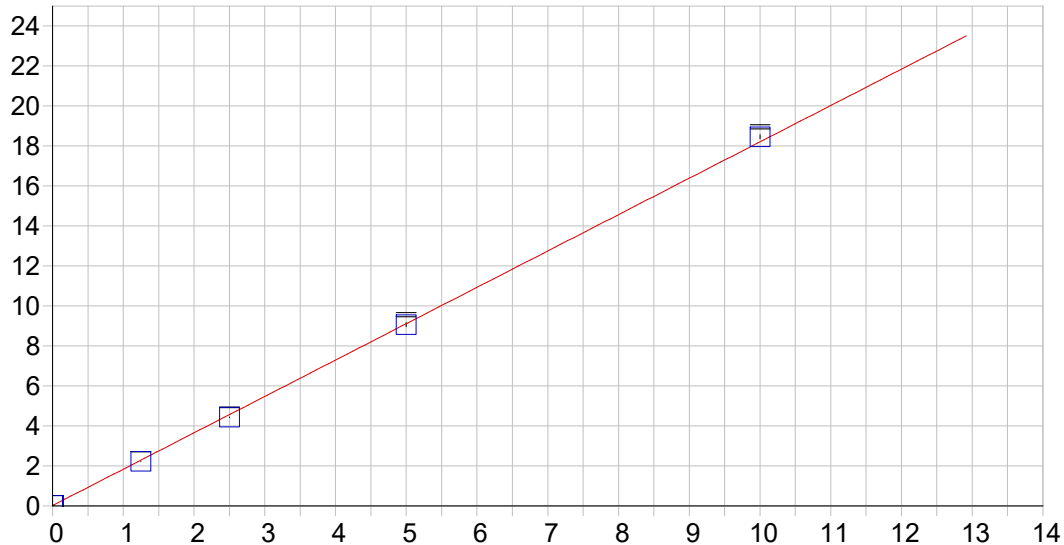


**Ti 336.121 {100}**

Date of Fit: 10/24/2024 16:11:07      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000817 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.560144 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999904 | Status:   | OK.      |
| Std Error of Est: | 0.000412 |           |          |
| Predicted MDL:    | 0.001615 |           |          |
| Predicted MQL:    | 0.005382 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00081 | .001    | 1        |
| S1        | .10000       | .10335      | .003       | 3.35    | .05869 | .000    | 1        |
| S2        | 1.2500       | 1.2874      | .037       | 2.99    | .72162 | .002    | 1        |
| S3        | 2.5000       | 2.5426      | .043       | 1.70    | 1.4243 | .006    | 1        |
| S4        | 5.0000       | 5.0349      | .035       | .699    | 2.8197 | .018    | 1        |
| S5        | 10.000       | 9.8817      | -.118      | -1.18   | 5.5332 | .010    | 1        |



Li 670.784 { 50}

Date of Fit: 10/24/2024 16:11:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.018018 Re-Slope: 1.000000  
 A1 (Gain): 1.819000 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999860 Status: OK.  
 Std Error of Est: 0.000624  
 Predicted MDL: 0.001826  
 Predicted MQL: 0.006086

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .01802 | .004    | 1        |
| S5        | 10.000       | 10.136      | .136       | 1.36    | 18.455 | .104    | 1        |
| S4        | 5.0000       | 4.9742      | -.026      | -.516   | 9.0661 | .101    | 1        |
| S3        | 2.5000       | 2.4286      | -.071      | -2.86   | 4.4356 | .014    | 1        |
| S2        | 1.2500       | 1.2110      | -.039      | -3.12   | 2.2208 | .009    | 1        |
| S1        | .01500       | .01534      | .000       | 2.24    | .04592 | .001    | 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}<sup>\*</sup>

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

