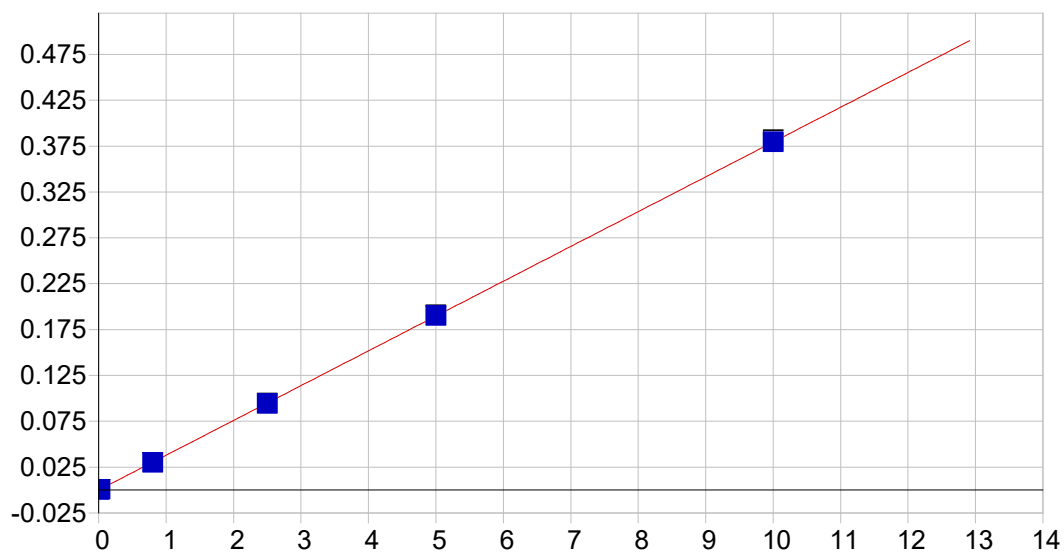




**As 189.042 {479}**

Date of Fit: 7/11/2025 3:09:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.037944

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999995

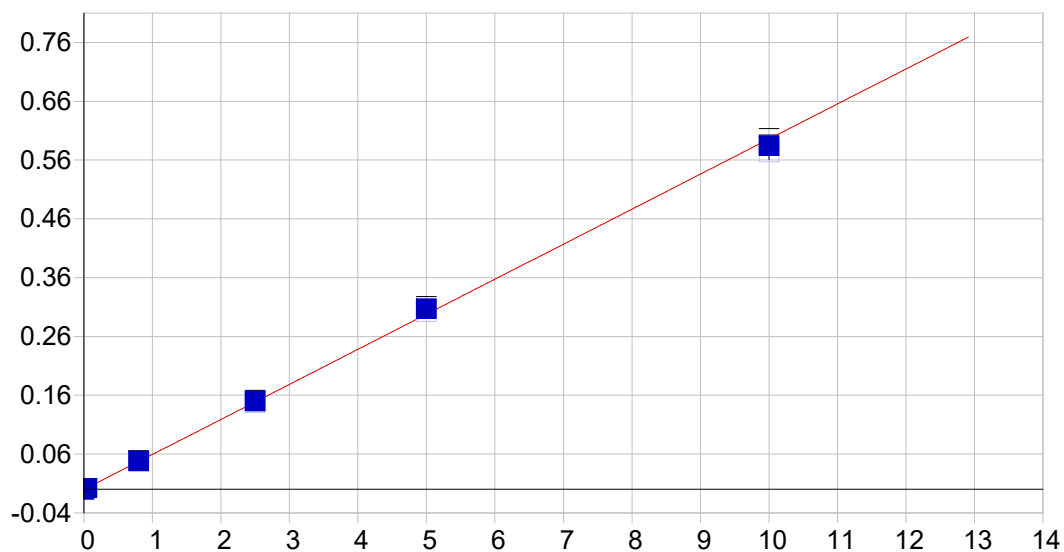
Status: OK.

Std Error of Est: 0.000003

Predicted MDL: 0.002572

Predicted MQL: 0.008574

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00000 | .000    | 1        |
| S1        | .02000       | .01997      | -.000      | -.134   | .00075 | .000    | 1        |
| S3        | 2.5000       | 2.4865      | -.014      | -.540   | .09425 | .000    | 1        |
| S4        | 5.0000       | 5.0133      | .013       | .265    | .19002 | .001    | 1        |
| S5        | 10.000       | 10.008      | .008       | .077    | .37933 | .002    | 1        |
| S2        | .80000       | .79259      | -.007      | -.926   | .03004 | .000    | 1        |



TI 190.856 {477}

Date of Fit: 7/11/2025 3:09:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000214

Re-Slope: 1.000000

A1 (Gain): 0.059598

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999741

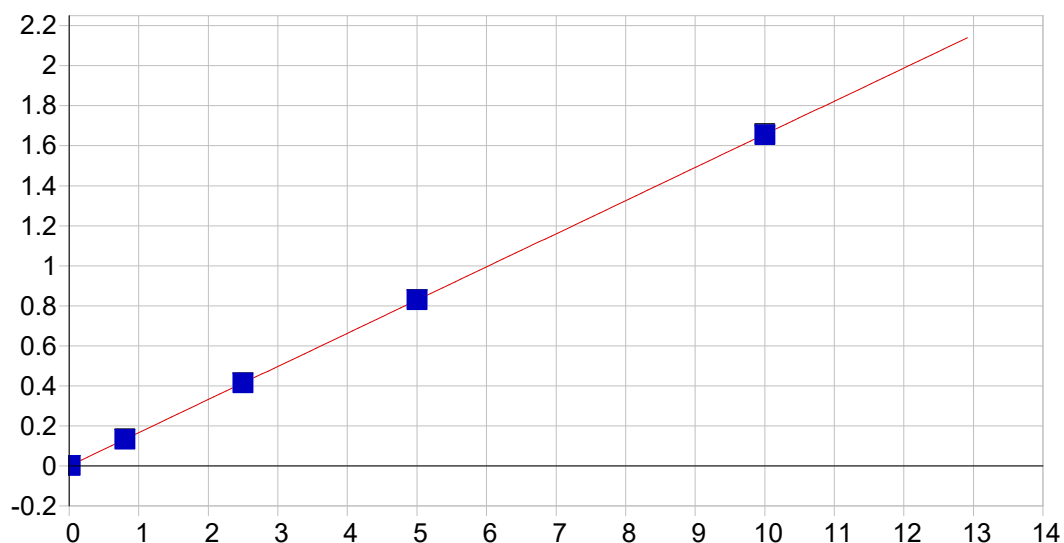
Status: OK.

Std Error of Est: 0.000044

Predicted MDL: 0.001860

Predicted MQL: 0.006199

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00021 | .000    | 1        |
| S1        | .04000       | .04293      | .003       | 7.33    | .00219  | .000    | 1        |
| S3        | 2.5000       | 2.5205      | .021       | .821    | .14727  | .001    | 1        |
| S4        | 5.0000       | 5.1553      | .155       | 3.11    | .30156  | .004    | 1        |
| S5        | 10.000       | 9.8073      | -.193      | -1.93   | .57333  | .012    | 1        |
| S2        | .80000       | .81402      | .014       | 1.75    | .04742  | .000    | 1        |

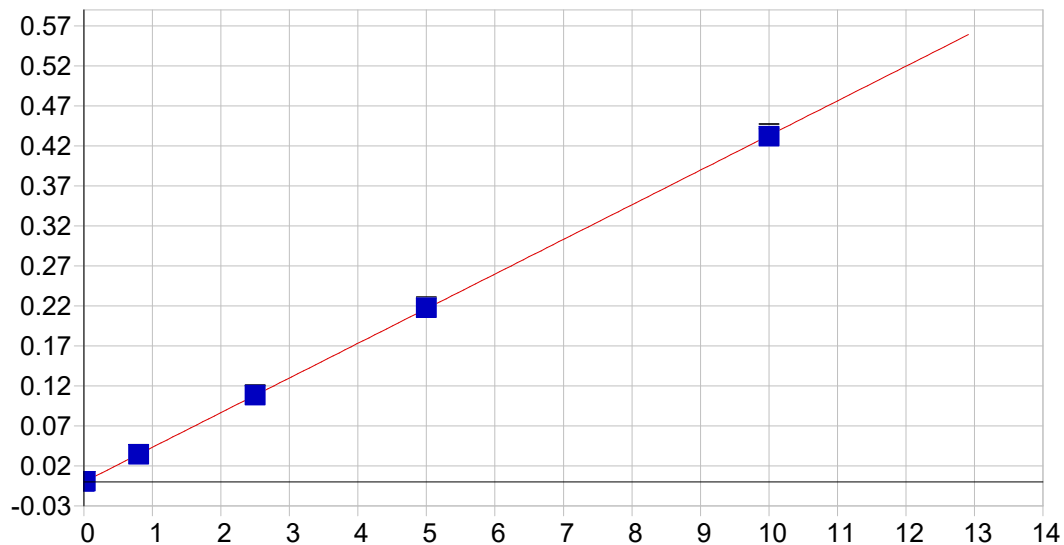


### Pb 220.353 {453}

Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000233 Re-Slope: 1.000000  
 A1 (Gain): 0.165672 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999997 Status: OK.  
 Std Error of Est: 0.000007  
 Predicted MDL: 0.001354  
 Predicted MQL: 0.004514

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00023 | .000    | 1        |
| S1        | .01200       | .01111      | -.001      | -7.40   | .00204 | .000    | 1        |
| S3        | 2.5000       | 2.5003      | .000       | .010    | .41403 | .001    | 1        |
| S4        | 5.0000       | 5.0070      | .007       | .140    | .82889 | .002    | 1        |
| S5        | 10.000       | 9.9901      | -.010      | -.099   | 1.6536 | .005    | 1        |
| S2        | .80000       | .80358      | .004       | .448    | .13323 | .001    | 1        |

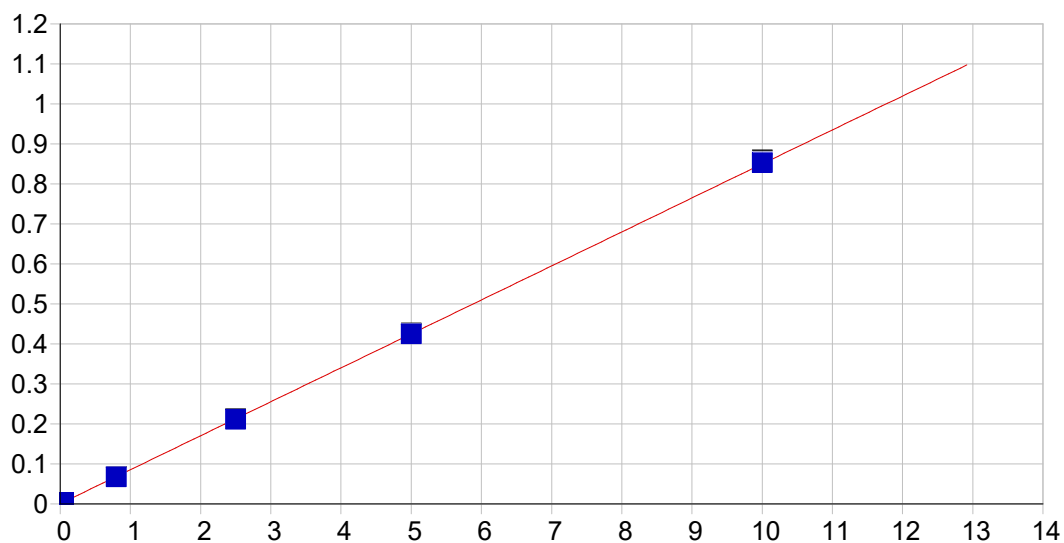


Se 196.090 {472}

Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000016 Re-Slope: 1.000000  
 A1 (Gain): 0.043302 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999992 Status: OK.  
 Std Error of Est: 0.000004  
 Predicted MDL: 0.003865  
 Predicted MQL: 0.012883

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00002 | .000    | 1        |
| S1        | .02000       | .01942      | -.001      | -2.89   | .00082  | .000    | 1        |
| S3        | 2.5000       | 2.4991      | -.001      | -.035   | .10814  | .000    | 1        |
| S4        | 5.0000       | 5.0289      | .029       | .577    | .21762  | .001    | 1        |
| S5        | 10.000       | 9.9792      | -.021      | -.208   | .43185  | .003    | 1        |
| S2        | .80000       | .79345      | -.007      | -.819   | .03432  | .000    | 1        |

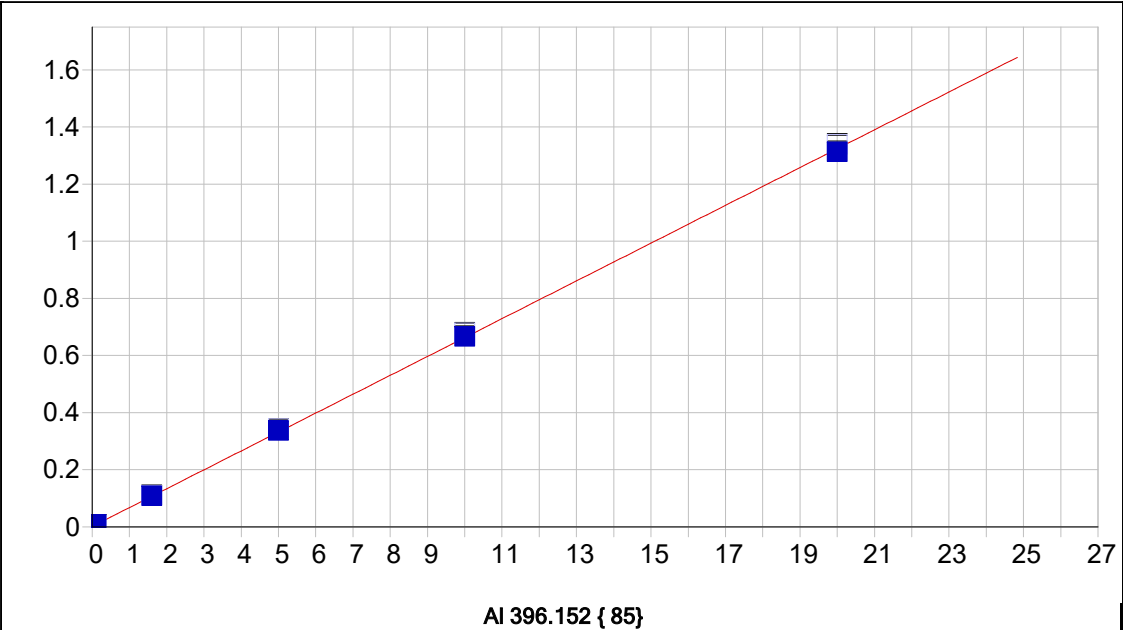


**Sb 206.833 {463}**

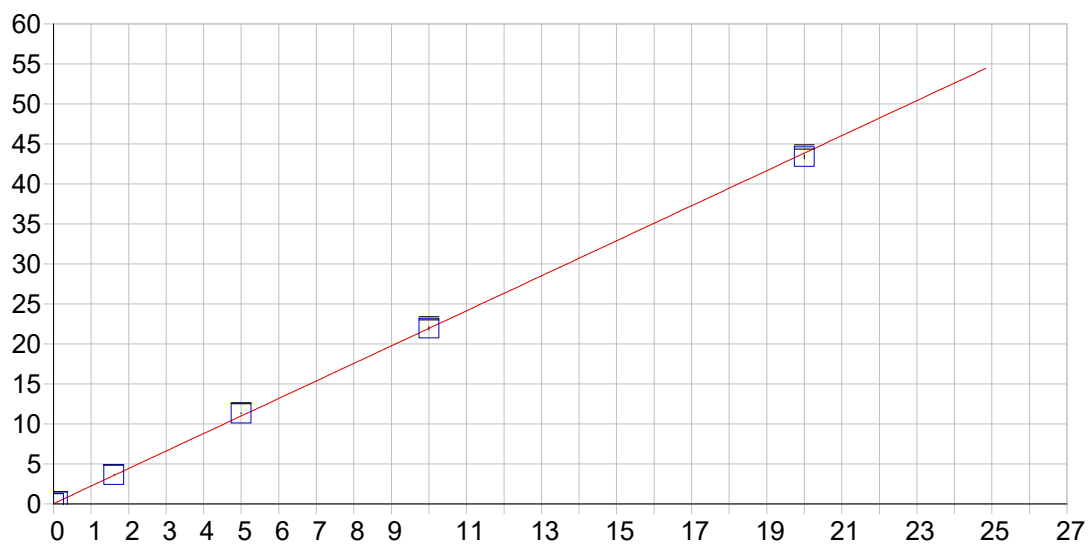
Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000436 Re-Slope: 1.000000  
 A1 (Gain): 0.084937 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999990 Status: OK.  
 Std Error of Est: 0.000014  
 Predicted MDL: 0.001930  
 Predicted MQL: 0.006434

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00044 | .000    | 1        |
| S1        | .05000       | .05014      | .000       | .283    | .00470 | .000    | 1        |
| S3        | 2.5000       | 2.4847      | -.015      | -.612   | .21206 | .001    | 1        |
| S4        | 5.0000       | 4.9945      | -.005      | -.110   | .42581 | .002    | 1        |
| S5        | 10.000       | 10.032      | .032       | .319    | .85482 | .005    | 1        |
| S2        | .80000       | .78874      | -.011      | -1.41   | .06761 | .000    | 1        |



|                                |              |                     |            |                   |        |         |          |
|--------------------------------|--------------|---------------------|------------|-------------------|--------|---------|----------|
| Date of Fit: 7/11/2025 3:09:28 |              | Type of Fit: Linear |            | Weighting: 1/Conc |        |         |          |
| A0 (Offset):                   | 0.001526     | Re-Slope:           |            | 1.000000          |        |         |          |
| A1 (Gain):                     | 0.066134     | Y-int:              |            | 0.000000          |        |         |          |
| A2 (Curvature):                | 0.000000     |                     |            |                   |        |         |          |
| n (Exponent):                  | 1.000000     |                     |            |                   |        |         |          |
| Correlation:                   | 0.999955     | Status:             |            | OK.               |        |         |          |
| Std Error of Est:              | 0.000048     |                     |            |                   |        |         |          |
| Predicted MDL:                 | 0.012098     |                     |            |                   |        |         |          |
| Predicted MQL:                 | 0.040328     |                     |            |                   |        |         |          |
|                                |              |                     |            |                   |        |         |          |
| Std. Name                      | Stated Conc. | Found Conc.         | Difference | % Diff.           | (S)IR  | Std Dev | Emphasis |
| S0                             | .00000       | -.00001             | -.000      | .000              | .00153 | .001    | 1        |
| S1                             | .10000       | .10511              | .005       | 5.11              | .00899 | .001    | 1        |
| S3                             | 5.0000       | 5.0741              | .074       | 1.48              | .34351 | .001    | 1        |
| S4                             | 10.000       | 10.054              | .054       | .543              | .67929 | .002    | 1        |
| S5                             | 20.000       | 19.838              | -.162      | -.810             | 1.3392 | .003    | 1        |
| S2                             | 1.6000       | 1.6282              | .028       | 1.76              | .11126 | .000    | 1        |

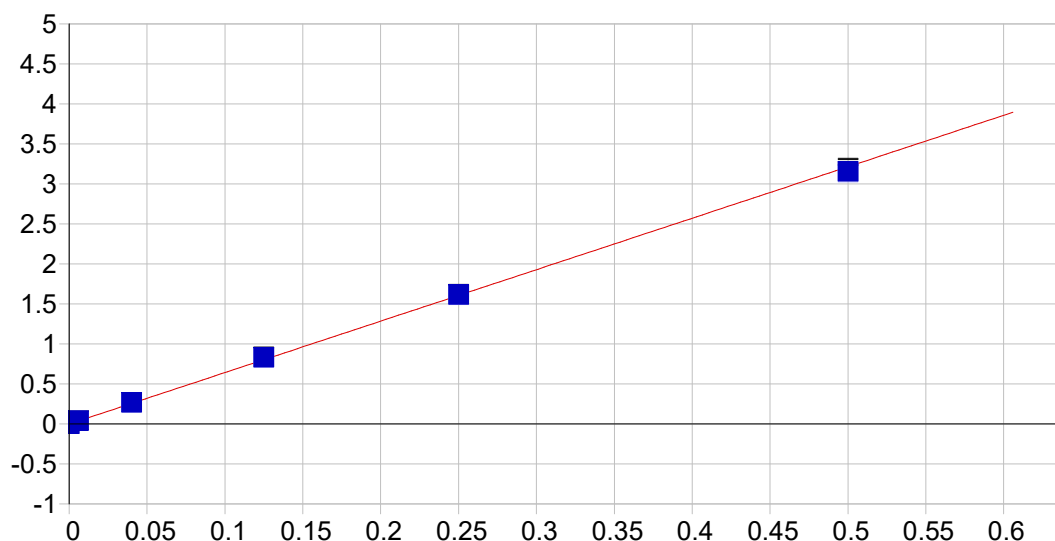


**Ba 493.409 { 68}**

Date of Fit: 7/11/2025 3:09:28      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.044997 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.189804 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999889 | Status:   | OK.      |
| Std Error of Est: | 0.002424 |           |          |
| Predicted MDL:    | 0.000852 |           |          |
| Predicted MQL:    | 0.002840 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .04498 | .001    | 1        |
| S1        | .10000       | .10399      | .004       | 3.99    | .27272 | .003    | 1        |
| S3        | 5.0000       | 5.1533      | .153       | 3.07    | 11.330 | .051    | 1        |
| S4        | 10.000       | 10.009      | .009       | .089    | 21.963 | .198    | 1        |
| S5        | 20.000       | 19.791      | -.209      | -1.04   | 43.384 | .257    | 1        |
| S2        | 1.6000       | 1.6426      | .043       | 2.66    | 3.6419 | .009    | 1        |



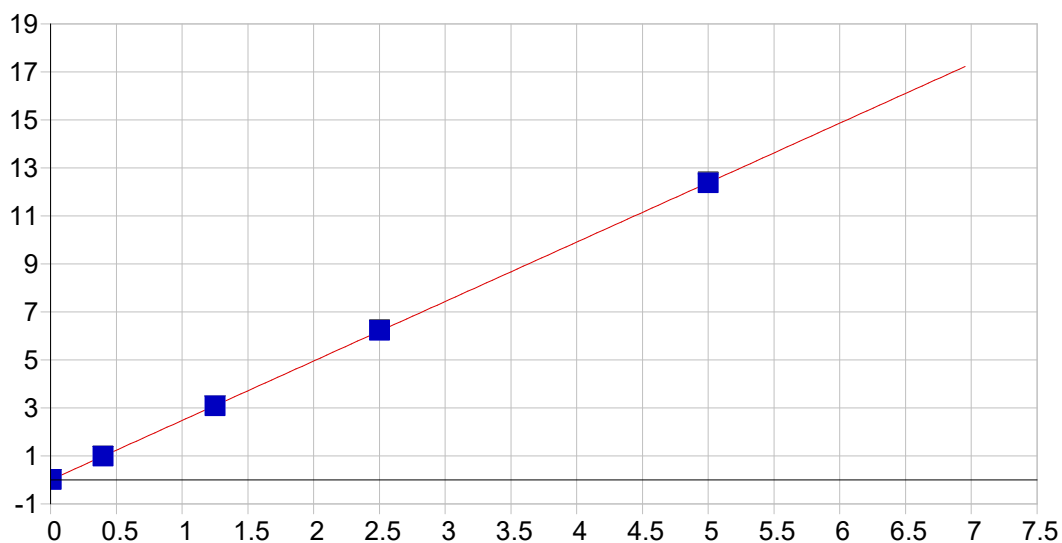
### Be 234.861 {144}

Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001615 Re-Slope: 1.000000  
 A1 (Gain): 6.431593 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999734 Status: OK.  
 Std Error of Est: 0.000425  
 Predicted MDL: 0.000076  
 Predicted MQL: 0.000254

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00162 | .000    | 1        |
| S1        | .00600       | .00660      | .001       | 10.1    | .04057  | .000    | 1        |
| S3        | .12500       | .12957      | .005       | 3.66    | .82814  | .005    | 1        |
| S4        | .25000       | .25173      | .002       | .694    | 1.6102  | .004    | 1        |
| S5        | .50000       | .49119      | -.009      | -1.76   | 3.1431  | .037    | 1        |
| S2        | .04000       | .04190      | .002       | 4.74    | .26670  | .001    | 1        |



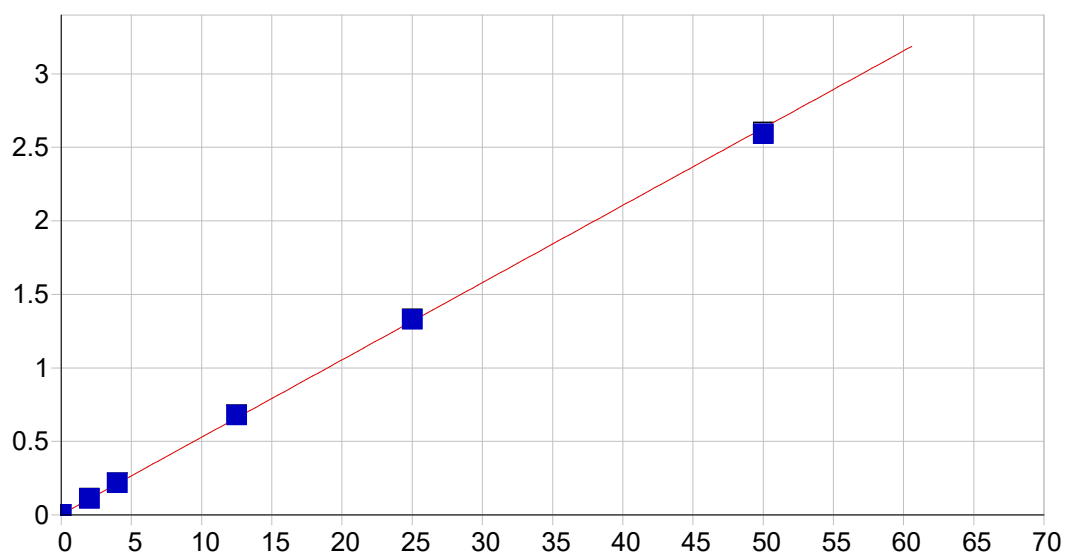


**Cd 226.502 {449}**

Date of Fit: 7/11/2025 3:09:28      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000534 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.477489  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999991  | Status:   | OK.      |
| Std Error of Est: | 0.000095  |           |          |
| Predicted MDL:    | 0.000078  |           |          |
| Predicted MQL:    | 0.000259  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00053 | .000    | 1        |
| S1        | .00600       | .00602      | .000       | .288    | .01443  | .000    | 1        |
| S3        | 1.2500       | 1.2453      | -.005      | -.374   | 3.0869  | .008    | 1        |
| S4        | 2.5000       | 2.5160      | .016       | .641    | 6.2372  | .012    | 1        |
| S5        | 5.0000       | 4.9923      | -.008      | -.155   | 12.376  | .038    | 1        |
| S2        | .40000       | .39638      | -.004      | -.905   | .98218  | .002    | 1        |

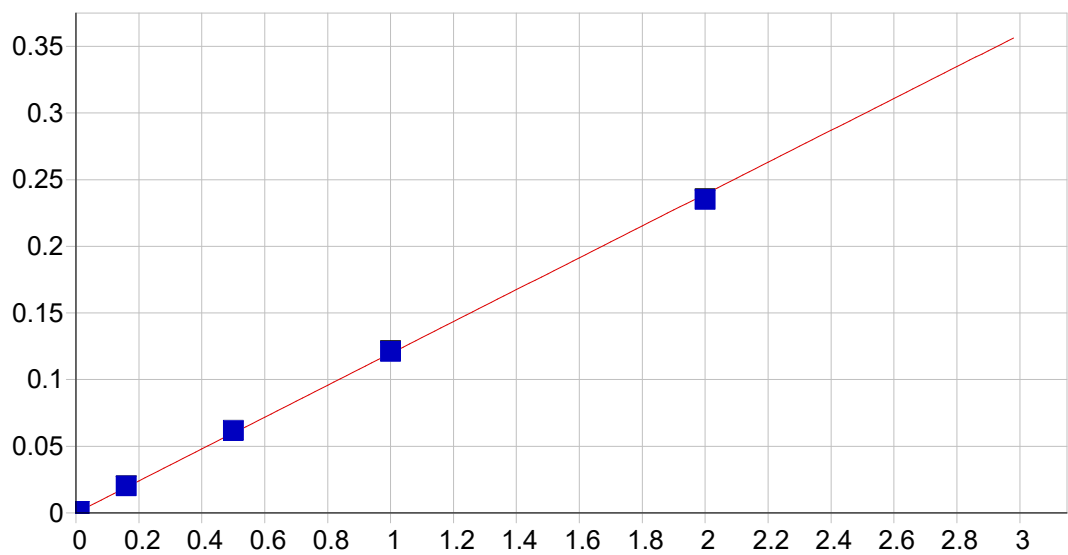


Ca 373.690 { 90}

Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003453 Re-Slope: 1.000000  
 A1 (Gain): 0.052548 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999853 Status: OK.  
 Std Error of Est: 0.000477  
 Predicted MDL: 0.012165  
 Predicted MQL: 0.040551

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00015     | -.000      | .000    | .00345 | .000    | 1        |
| S2        | 4.0000       | 4.0825      | .082       | 2.06    | .21798 | .001    | 1        |
| S3        | 12.500       | 12.865      | .365       | 2.92    | .67948 | .001    | 1        |
| S4        | 25.000       | 25.230      | .230       | .922    | 1.3293 | .003    | 1        |
| S5        | 50.000       | 49.258      | -.742      | -1.48   | 2.5919 | .010    | 1        |
| S1        | 2.0000       | 2.0641      | .064       | 3.20    | .11192 | .001    | 1        |

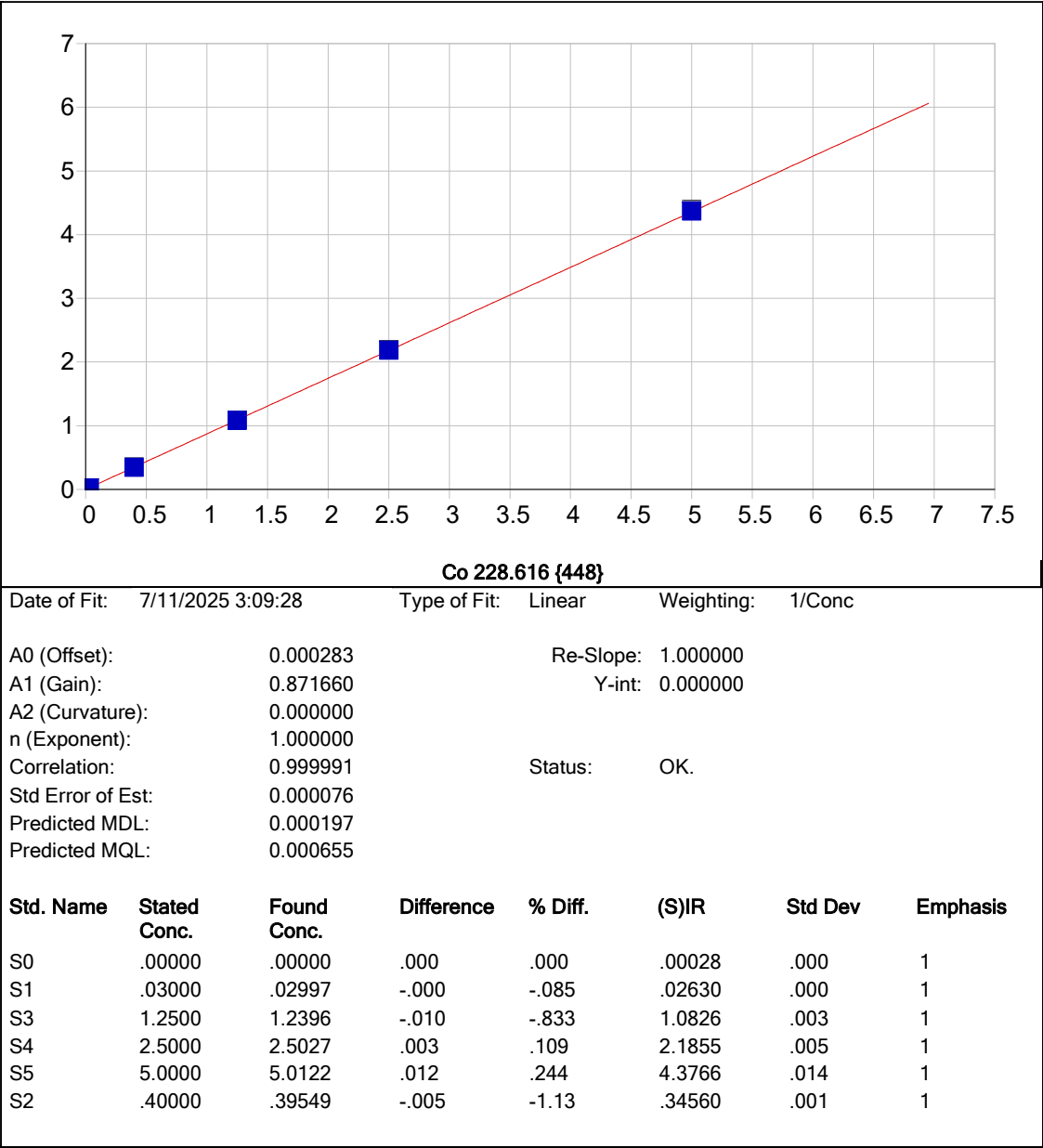


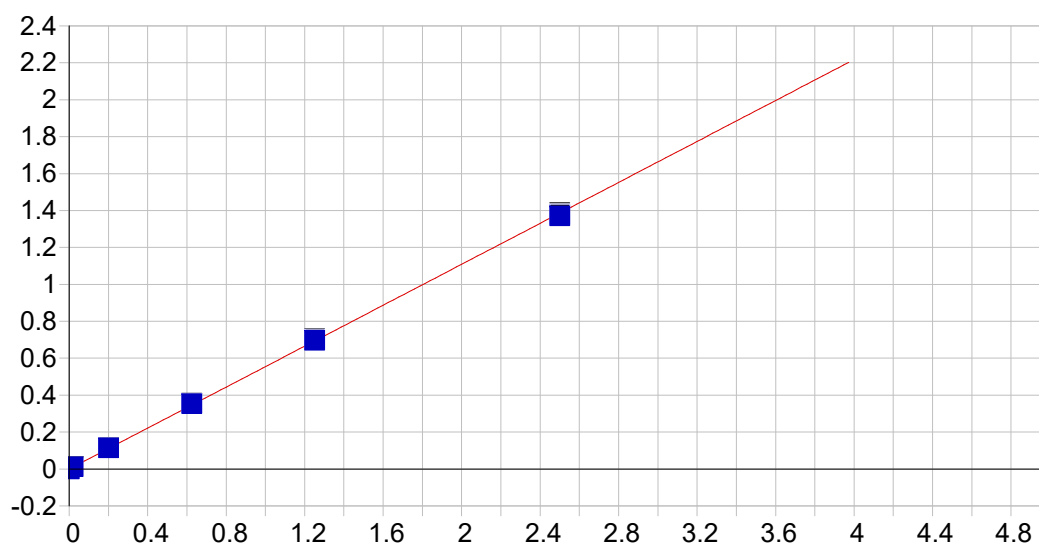
**Cr 267.716 {126}**

Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000138 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.119532 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999778 | Status:   | OK.      |
| Std Error of Est: | 0.000019 |           |          |
| Predicted MDL:    | 0.000486 |           |          |
| Predicted MQL:    | 0.001620 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00014 | .000    | 1        |
| S1        | .01000       | .01078      | .001       | 7.83    | .00143 | .000    | 1        |
| S3        | .50000       | .51576      | .016       | 3.15    | .06187 | .000    | 1        |
| S4        | 1.0000       | 1.0119      | .012       | 1.19    | .12126 | .000    | 1        |
| S5        | 2.0000       | 1.9646      | -.035      | -1.77   | .23530 | .000    | 1        |
| S2        | .16000       | .16698      | .007       | 4.36    | .02012 | .000    | 1        |



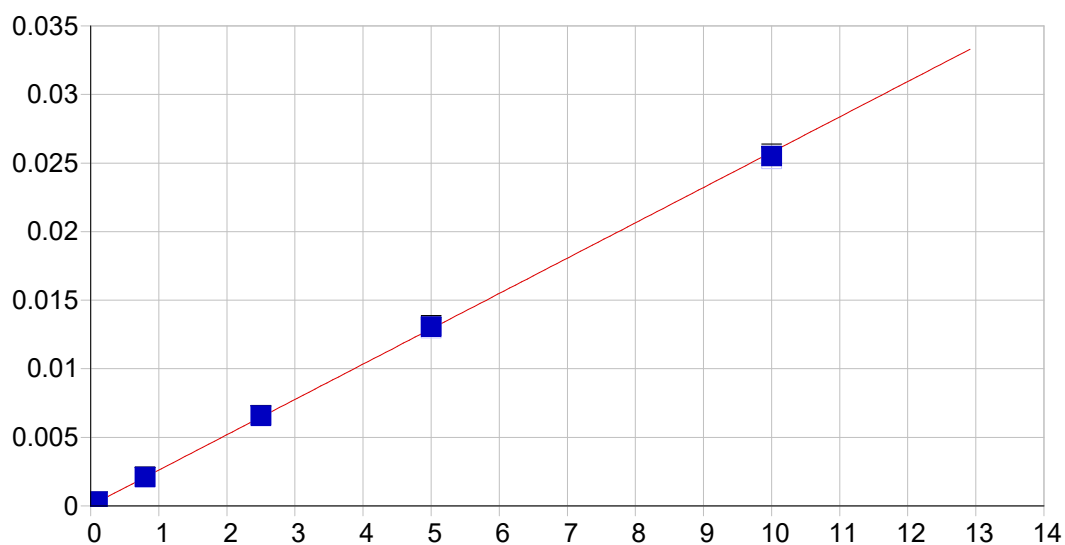


**Cu 224.700 {450}**

Date of Fit: 7/11/2025 3:09:28      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000254 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.554488  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999883  | Status:   | OK.      |
| Std Error of Est: | 0.000100  |           |          |
| Predicted MDL:    | 0.000447  |           |          |
| Predicted MQL:    | 0.001491  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00026 | .000    | 1        |
| S1        | .02000       | .02207      | .002       | 10.4    | .01211  | .000    | 1        |
| S3        | .62500       | .63786      | .013       | 2.06    | .35632  | .001    | 1        |
| S4        | 1.2500       | 1.2568      | .007       | .546    | .70242  | .002    | 1        |
| S5        | 2.5000       | 2.4712      | -.029      | -1.15   | 1.3816  | .006    | 1        |
| S2        | .20000       | .20700      | .007       | 3.50    | .11545  | .001    | 1        |

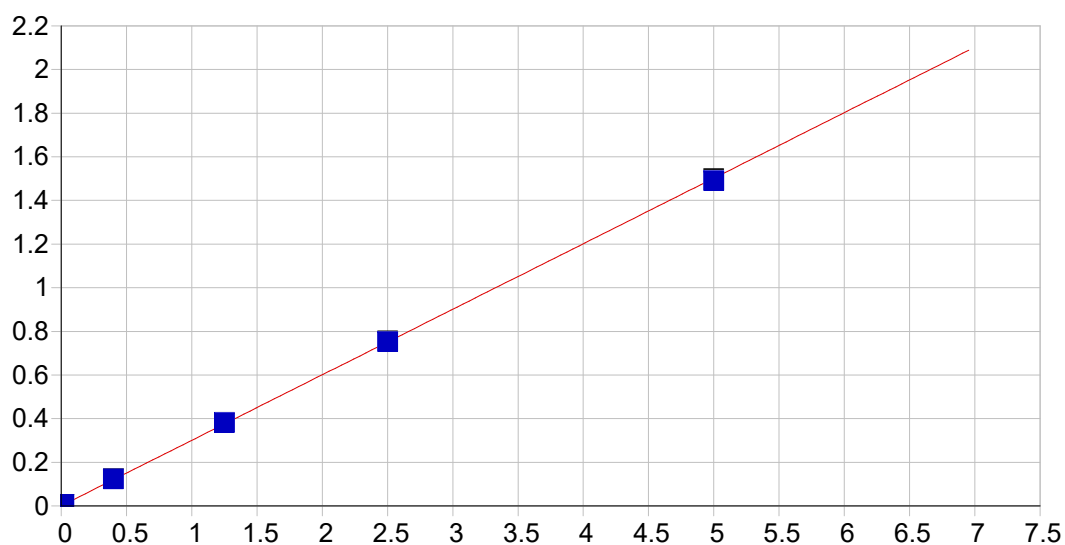


**Fe 240.488 {140}**

Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000035 Re-Slope: 1.000000  
 A1 (Gain): 0.002576 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999911 Status: OK.  
 Std Error of Est: 0.000002  
 Predicted MDL: 0.007782  
 Predicted MQL: 0.025941

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00003 | .000    | 1        |
| S1        | .10000       | .10724      | .007       | 7.24    | .00031 | .000    | 1        |
| S3        | 2.5000       | 2.5456      | .046       | 1.82    | .00654 | .000    | 1        |
| S4        | 5.0000       | 5.0583      | .058       | 1.17    | .01295 | .000    | 1        |
| S5        | 10.000       | 9.8916      | -.108      | -1.08   | .02529 | .000    | 1        |
| S2        | .80000       | .79730      | -.003      | -.338   | .00207 | .000    | 1        |

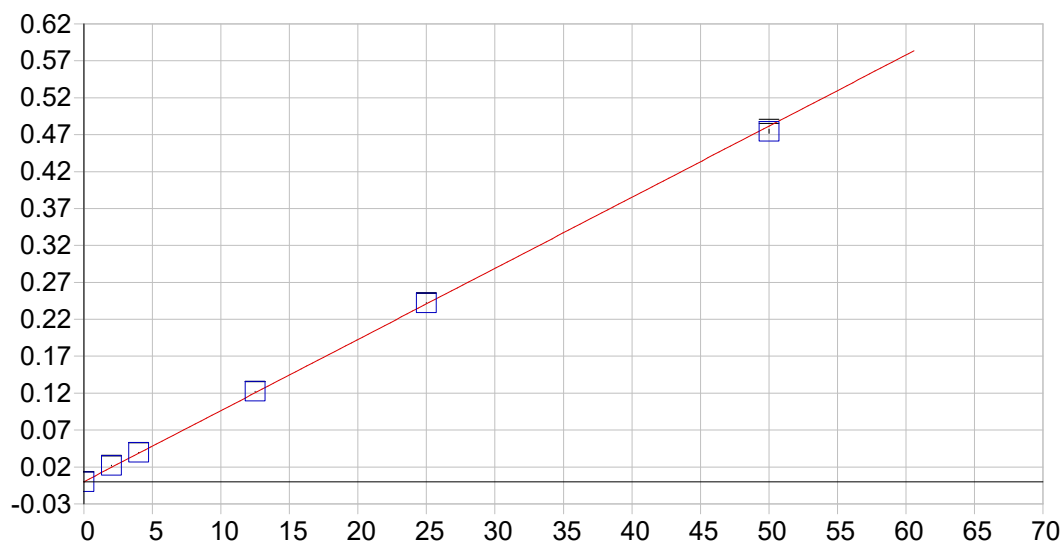


**Mn 257.610 {131}**

Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000254 Re-Slope: 1.000000  
 A1 (Gain): 0.300351 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999946 Status: OK.  
 Std Error of Est: 0.000052  
 Predicted MDL: 0.000706  
 Predicted MQL: 0.002354

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00025 | .000    | 1        |
| S1        | .02000       | .02180      | .002       | 9.00    | .00680 | .000    | 1        |
| S3        | 1.2500       | 1.2710      | .021       | 1.68    | .38207 | .001    | 1        |
| S4        | 2.5000       | 2.5058      | .006       | .234    | .75304 | .002    | 1        |
| S5        | 5.0000       | 4.9629      | -.037      | -.742   | 1.4912 | .007    | 1        |
| S2        | .40000       | .40848      | .008       | 2.12    | .12297 | .000    | 1        |



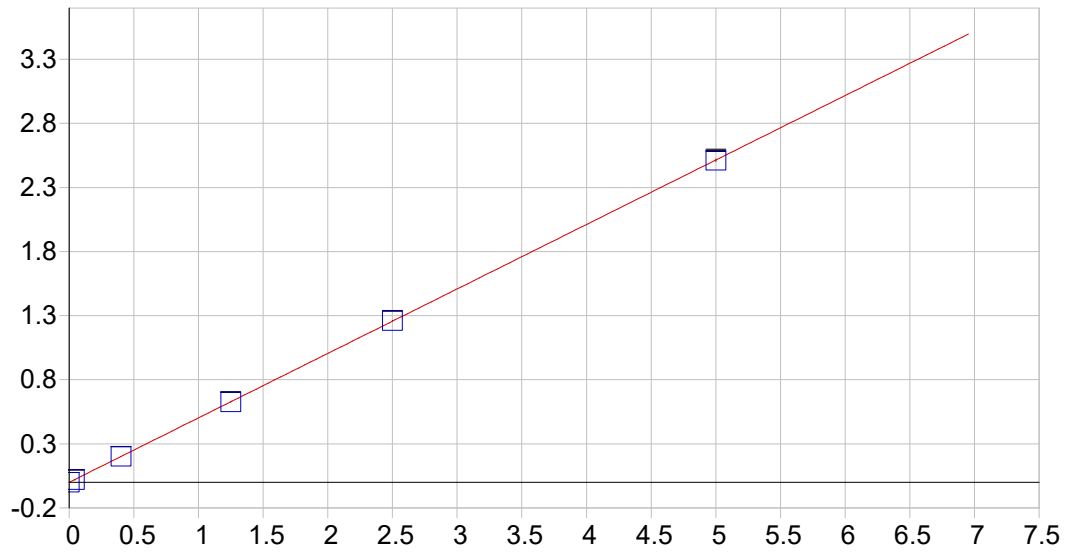
### Mg 279.079 {121}

Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000082 Re-Slope: 1.000000  
 A1 (Gain): 0.009629 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999725 Status: OK.  
 Std Error of Est: 0.000120  
 Predicted MDL: 0.030368  
 Predicted MQL: 0.101227

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00033     | -.000      | .000    | .00008 | .000    | 1        |
| S2        | 4.0000       | 4.1136      | .114       | 2.84    | .03969 | .000    | 1        |
| S3        | 12.500       | 12.713      | .213       | 1.71    | .12250 | .000    | 1        |
| S4        | 25.000       | 25.140      | .140       | .560    | .24216 | .001    | 1        |
| S5        | 50.000       | 49.275      | -.725      | -1.45   | .47456 | .003    | 1        |
| S1        | 2.0000       | 2.2580      | .258       | 12.9    | .02182 | .000    | 1        |



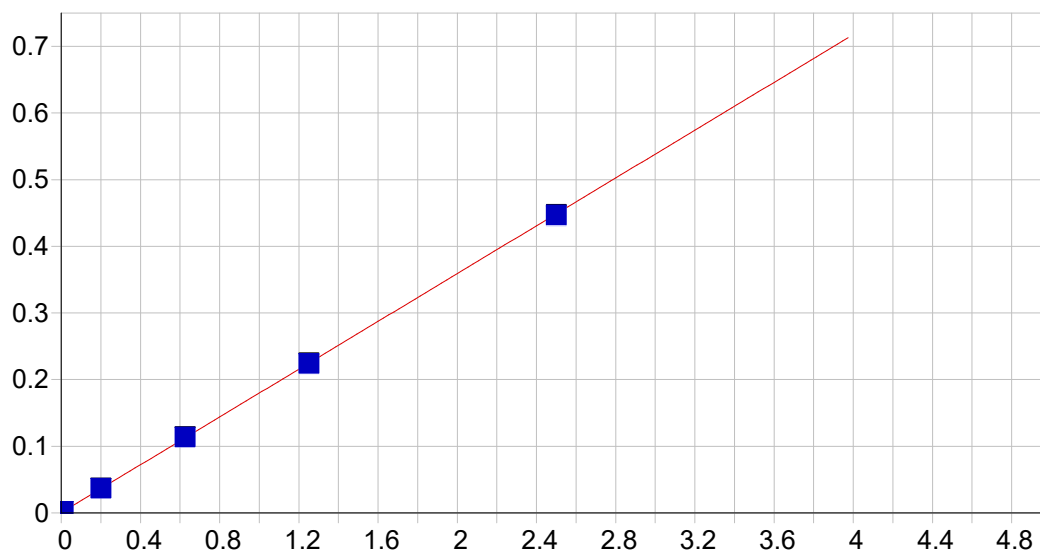


**Ni 231.604 {446}**

Date of Fit: 7/11/2025 3:09:28      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000146 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.502925  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999998  | Status:   | OK.      |
| Std Error of Est: | 0.000026  |           |          |
| Predicted MDL:    | 0.000361  |           |          |
| Predicted MQL:    | 0.001202  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00015 | .000    | 1        |
| S1        | .04000       | .04068      | .001       | 1.70    | .02031  | .000    | 1        |
| S3        | 1.2500       | 1.2463      | -.004      | -.293   | .62667  | .002    | 1        |
| S4        | 2.5000       | 2.5068      | .007       | .270    | 1.2606  | .003    | 1        |
| S5        | 5.0000       | 4.9957      | -.004      | -.087   | 2.5123  | .009    | 1        |
| S2        | .40000       | .40056      | .001       | .141    | .20131  | .001    | 1        |

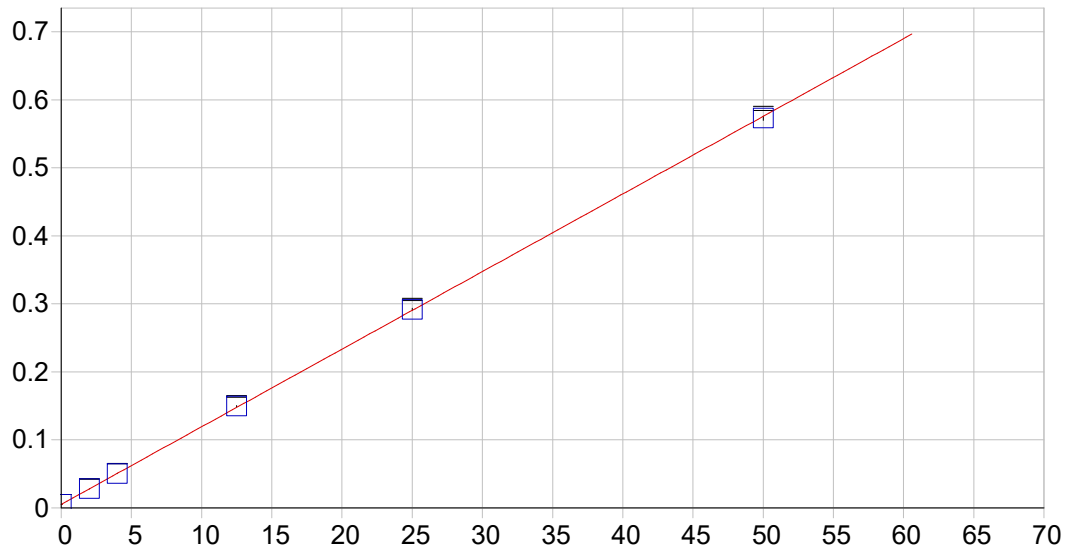


**Ag 328.068 {103}**

Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000546 Re-Slope: 1.000000  
 A1 (Gain): 0.179295 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999979 Status: OK.  
 Std Error of Est: 0.000010  
 Predicted MDL: 0.000559  
 Predicted MQL: 0.001864

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00055 | .000    | 1        |
| S1        | .01000       | .00971      | -.000      | -2.94   | .00227 | .000    | 1        |
| S3        | .62500       | .63247      | .007       | 1.20    | .11340 | .000    | 1        |
| S4        | 1.2500       | 1.2478      | -.002      | -.174   | .22319 | .001    | 1        |
| S5        | 2.5000       | 2.4915      | -.009      | -.341   | .44508 | .001    | 1        |
| S2        | .20000       | .20352      | .004       | 1.76    | .03686 | .000    | 1        |

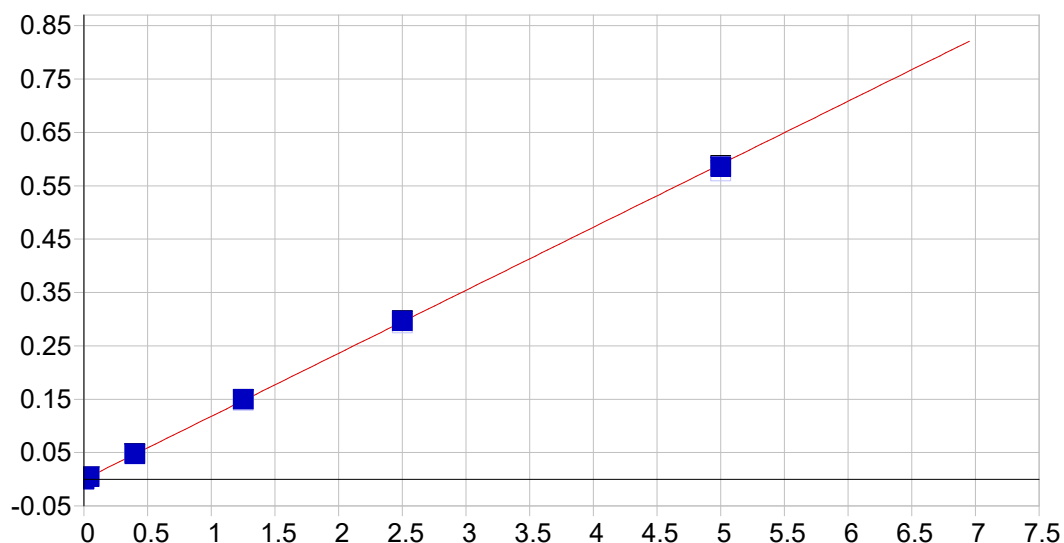


**Na 589.592 { 57}**

Date of Fit: 7/11/2025 3:09:28      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.005158 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.011413 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999979 | Status:   | OK.      |
| Std Error of Est: | 0.000039 |           |          |
| Predicted MDL:    | 0.012482 |           |          |
| Predicted MQL:    | 0.041605 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00516 | .000    | 1        |
| S2        | 4.0000       | 3.9712      | -.029      | -.719   | .05048 | .000    | 1        |
| S3        | 12.500       | 12.649      | .149       | 1.19    | .14952 | .001    | 1        |
| S4        | 25.000       | 25.124      | .124       | .497    | .29190 | .002    | 1        |
| S5        | 50.000       | 49.751      | -.249      | -.497   | .57297 | .003    | 1        |
| S1        | 2.0000       | 2.0041      | .004       | .206    | .02803 | .000    | 1        |

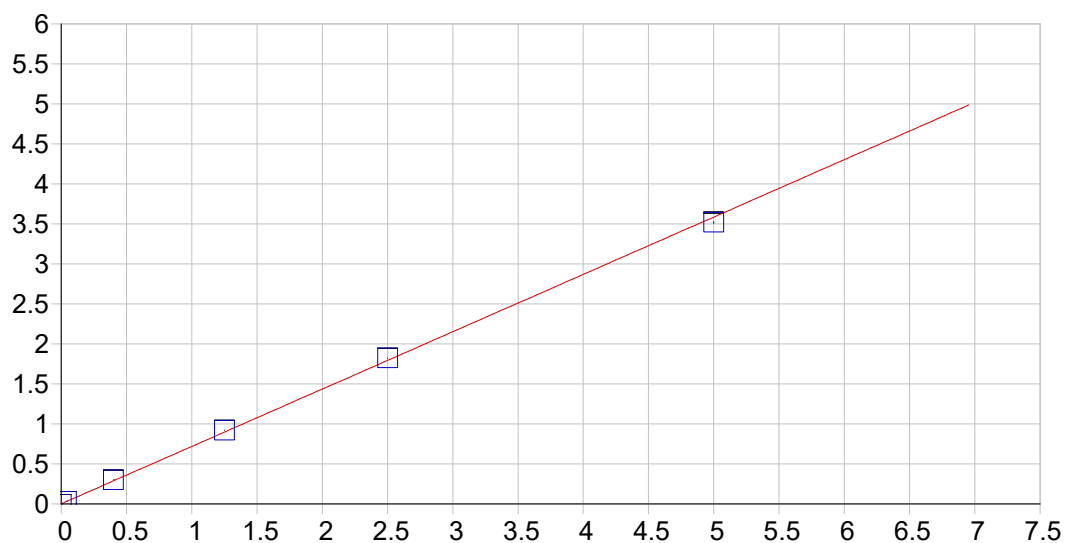


**V 292.402 {115}**

Date of Fit: 7/11/2025 3:09:28      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000296 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.118129  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999954  | Status:   | OK.      |
| Std Error of Est: | 0.000026  |           |          |
| Predicted MDL:    | 0.002994  |           |          |
| Predicted MQL:    | 0.009979  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00030 | .000    | 1        |
| S1        | .04000       | .04229      | .002       | 5.72    | .00452  | .000    | 1        |
| S3        | 1.2500       | 1.2682      | .018       | 1.45    | .14736  | .001    | 1        |
| S4        | 2.5000       | 2.5135      | .014       | .540    | .29232  | .000    | 1        |
| S5        | 5.0000       | 4.9616      | -.038      | -.768   | .57720  | .002    | 1        |
| S2        | .40000       | .40449      | .004       | 1.12    | .04680  | .000    | 1        |

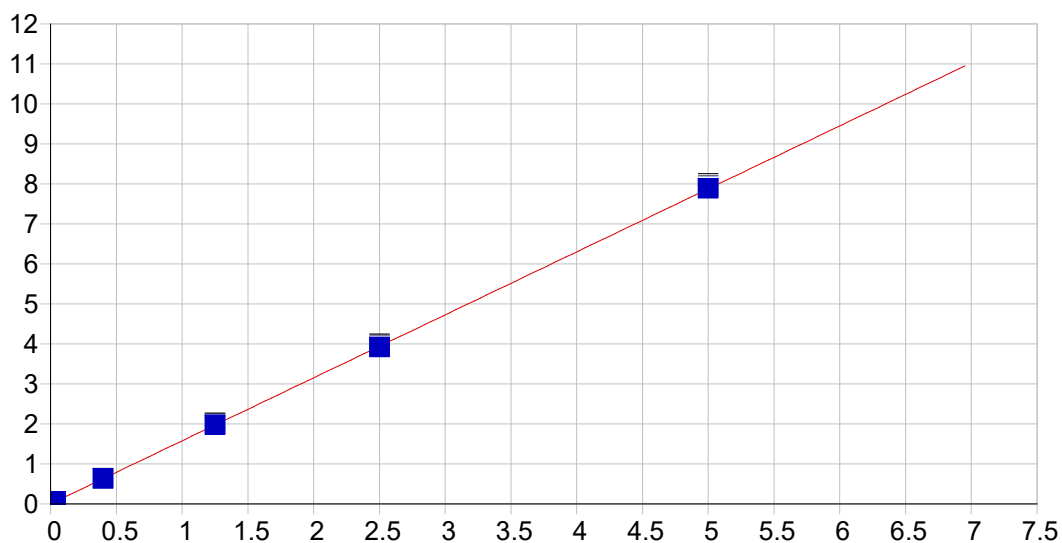


**Zn 206.200 {464}**

Date of Fit: 7/11/2025 3:09:28      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001226 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.716985 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999767 | Status:   | OK.      |
| Std Error of Est: | 0.000363 |           |          |
| Predicted MDL:    | 0.000193 |           |          |
| Predicted MQL:    | 0.000642 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00122 | .000    | 1        |
| S1        | .04000       | .04176      | .002       | 4.41    | .03117 | .000    | 1        |
| S3        | 1.2500       | 1.2825      | .033       | 2.60    | .92077 | .002    | 1        |
| S4        | 2.5000       | 2.5416      | .042       | 1.66    | 1.8235 | .002    | 1        |
| S5        | 5.0000       | 4.9054      | -.095      | -1.89   | 3.5183 | .011    | 1        |
| S2        | .40000       | .41877      | .019       | 4.69    | .30148 | .001    | 1        |

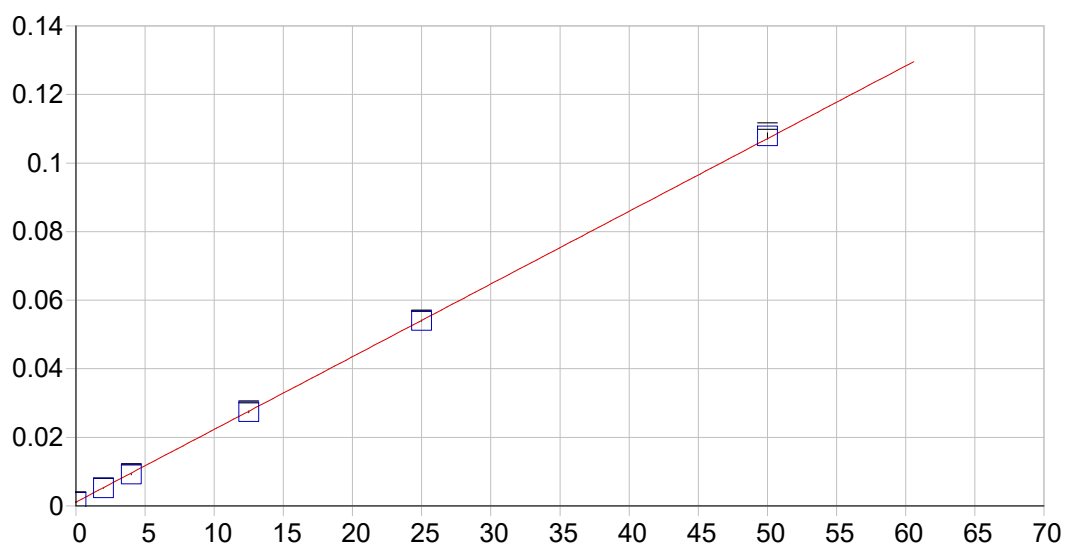


**Zn 213.856 {158}**

Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002577 Re-Slope: 1.000000  
 A1 (Gain): 1.574789 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999996 Status: OK.  
 Std Error of Est: 0.000106  
 Predicted MDL: 0.000319  
 Predicted MQL: 0.001064

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00258 | .000    | 1        |
| S1        | .04000       | .03919      | -.001      | -2.02   | .06474 | .001    | 1        |
| S3        | 1.2500       | 1.2527      | .003       | .214    | 1.9890 | .032    | 1        |
| S4        | 2.5000       | 2.4899      | -.010      | -.402   | 3.9511 | .046    | 1        |
| S5        | 5.0000       | 5.0083      | .008       | .165    | 7.9443 | .064    | 1        |
| S2        | .40000       | .39992      | -.000      | -.019   | .63675 | .002    | 1        |

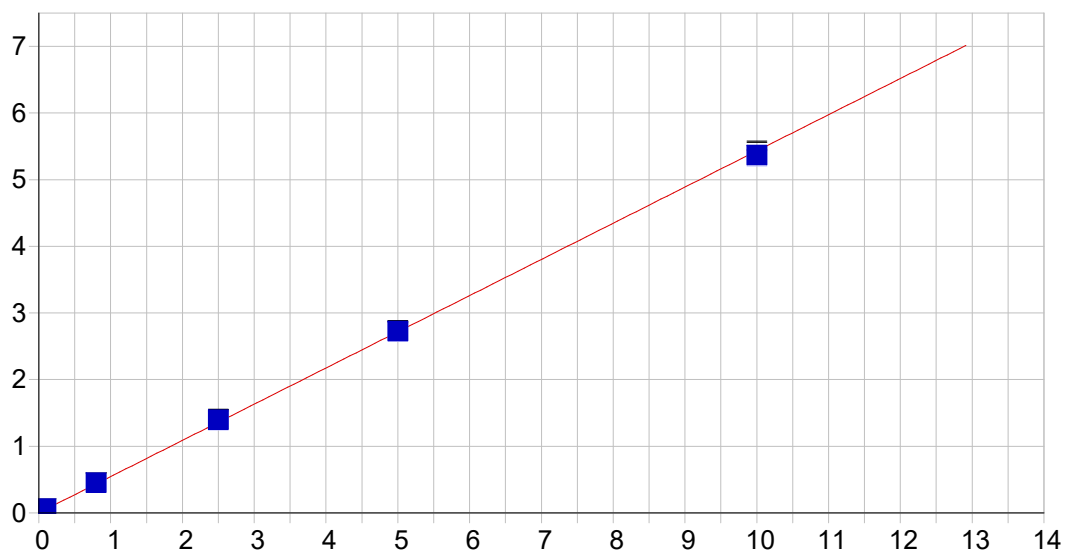


**K 766.490 { 44}**

Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001115 Re-Slope: 1.000000  
 A1 (Gain): 0.002120 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999927 Status: OK.  
 Std Error of Est: 0.000014  
 Predicted MDL: 0.064211  
 Predicted MQL: 0.214037

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00017      | .000       | .000    | .00112 | .000    | 1        |
| S2        | 4.0000       | 3.8279      | -.172      | -4.30   | .00923 | .000    | 1        |
| S3        | 12.500       | 12.431      | -.069      | -.551   | .02747 | .000    | 1        |
| S4        | 25.000       | 24.965      | -.035      | -.139   | .05405 | .000    | 1        |
| S5        | 50.000       | 50.355      | .355       | .711    | .10788 | .001    | 1        |
| S1        | 2.0000       | 1.9202      | -.080      | -3.99   | .00519 | .000    | 1        |



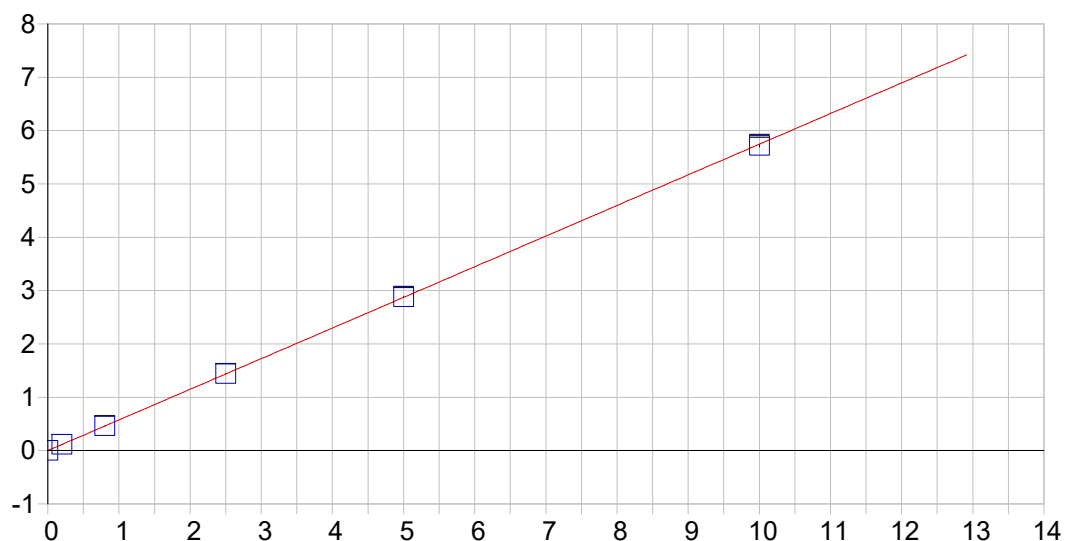
**B 249.678 {135}**

Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002282 Re-Slope: 1.000000  
 A1 (Gain): 0.543006 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999868 Status: OK.  
 Std Error of Est: 0.000462  
 Predicted MDL: 0.000947  
 Predicted MQL: 0.003158

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00227 | .000    | 1        |
| S1        | .10000       | .10824      | .008       | 8.24    | .06074 | .000    | 1        |
| S3        | 2.5000       | 2.5646      | .065       | 2.59    | 1.3900 | .010    | 1        |
| S4        | 5.0000       | 5.0191      | .019       | .381    | 2.7179 | .011    | 1        |
| S5        | 10.000       | 9.8801      | -.120      | -1.20   | 5.3477 | .062    | 1        |
| S2        | .80000       | .82794      | .028       | 3.49    | .45029 | .002    | 1        |



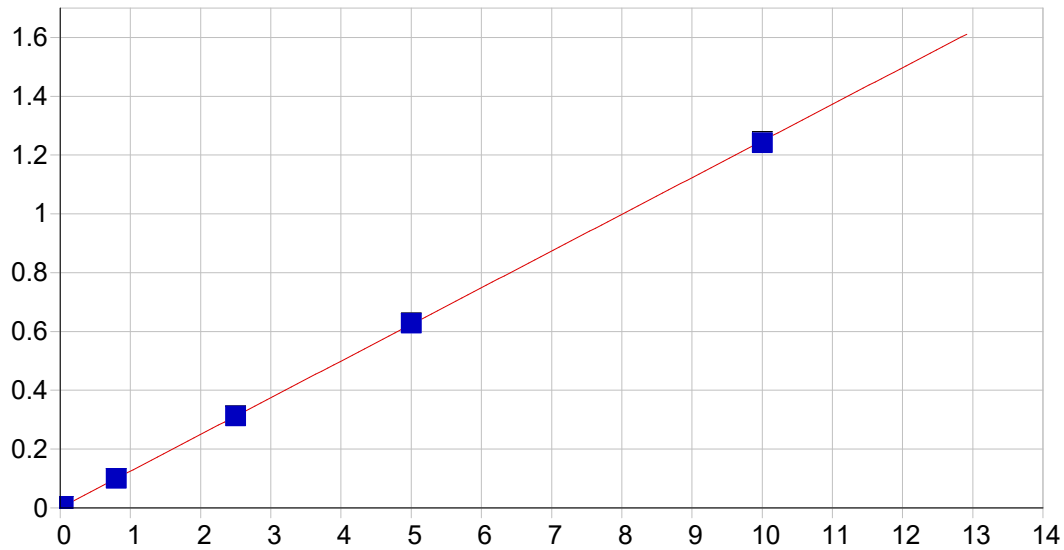


### Mo 202.030 {467}

Date of Fit: 7/11/2025 3:09:28      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000045 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.574475 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999984 | Status:   | OK.      |
| Std Error of Est: | 0.000243 |           |          |
| Predicted MDL:    | 0.000271 |           |          |
| Predicted MQL:    | 0.000905 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00004 | .000    | 1        |
| S1        | .20000       | .20580      | .006       | 2.90    | .11827 | .000    | 1        |
| S3        | 2.5000       | 2.5128      | .013       | .513    | 1.4436 | .004    | 1        |
| S4        | 5.0000       | 5.0164      | .016       | .329    | 2.8819 | .009    | 1        |
| S5        | 10.000       | 9.9556      | -.044      | -.444   | 5.7193 | .027    | 1        |
| S2        | .80000       | .80937      | .009       | 1.17    | .46501 | .002    | 1        |



**Sn 189.989 {478}**

Date of Fit: 7/11/2025 3:09:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000292

Re-Slope: 1.000000

A1 (Gain): 0.124752

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999973

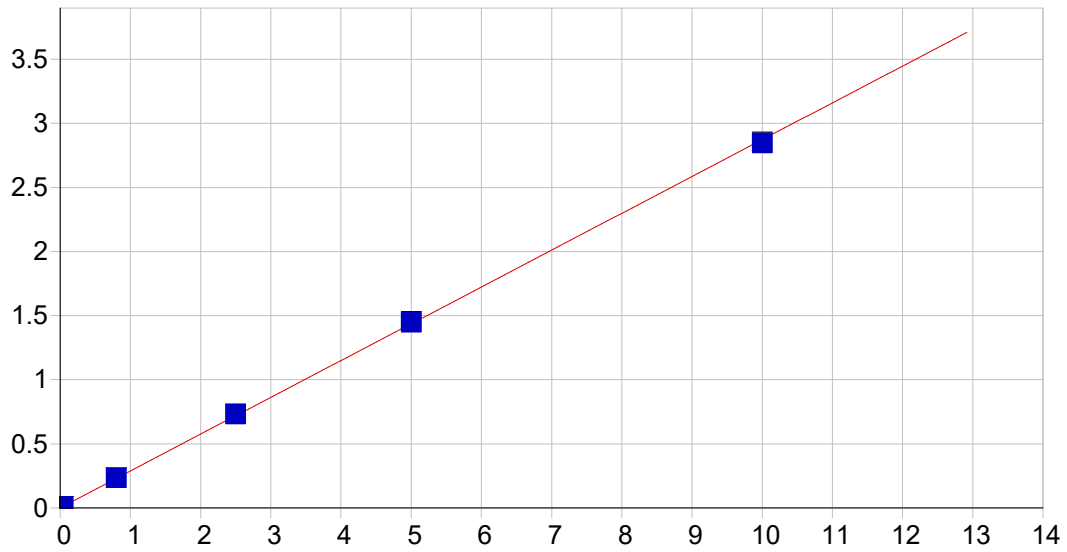
Status: OK.

Std Error of Est: 0.000031

Predicted MDL: 0.000654

Predicted MQL: 0.002181

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00029 | .000    | 1        |
| S1        | .04000       | .04466      | .005       | 11.6    | .00586 | .000    | 1        |
| S3        | 2.5000       | 2.5051      | .005       | .205    | .31249 | .001    | 1        |
| S4        | 5.0000       | 5.0333      | .033       | .667    | .62757 | .001    | 1        |
| S5        | 10.000       | 9.9536      | -.046      | -.464   | 1.2407 | .004    | 1        |
| S2        | .80000       | .80329      | .003       | .411    | .10040 | .000    | 1        |

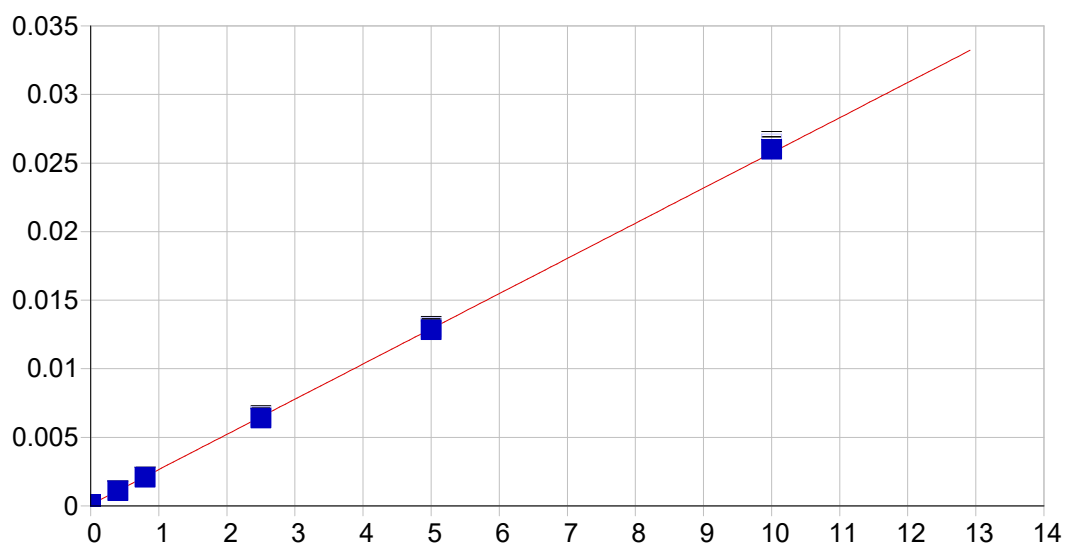


**Ti 336.121 {100}**

Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000893 Re-Slope: 1.000000  
 A1 (Gain): 0.287188 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: 0.001651  
 Predicted MQL: 0.005502

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00089 | .000    | 1        |
| S1        | .04000       | .03970      | -.000      | -.759   | .01228 | .000    | 1        |
| S3        | 2.5000       | 2.5421      | .042       | 1.68    | .73070 | .002    | 1        |
| S4        | 5.0000       | 5.0360      | .036       | .721    | 1.4467 | .005    | 1        |
| S5        | 10.000       | 9.9093      | -.091      | -.907   | 2.8457 | .007    | 1        |
| S2        | .80000       | .81283      | .013       | 1.60    | .23424 | .000    | 1        |

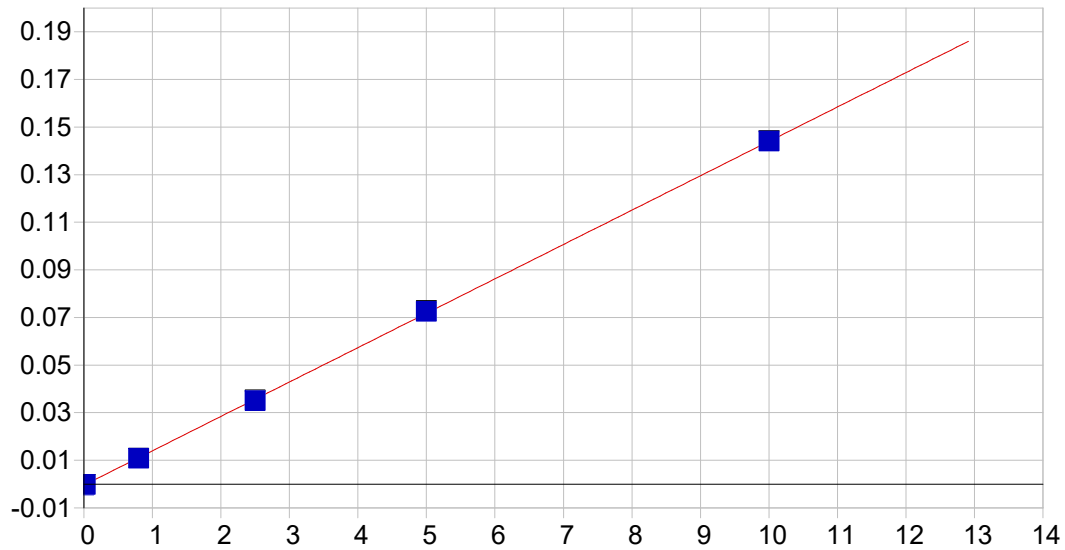


Si 288.158 {117}

Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000085 Re-Slope: 1.000000  
 A1 (Gain): 0.002566 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999934 Status: OK.  
 Std Error of Est: 0.000003  
 Predicted MDL: 0.013655  
 Predicted MQL: 0.045517

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00009 | .000    | 1        |
| S1        | .40000       | .39237      | -.008      | -1.91   | .00109 | .000    | 1        |
| S3        | 2.5000       | 2.4629      | -.037      | -1.48   | .00650 | .000    | 1        |
| S4        | 5.0000       | 4.9647      | -.035      | -.707   | .01302 | .000    | 1        |
| S5        | 10.000       | 10.101      | .101       | 1.01    | .02639 | .000    | 1        |
| S2        | .80000       | .77858      | -.021      | -2.68   | .00211 | .000    | 1        |

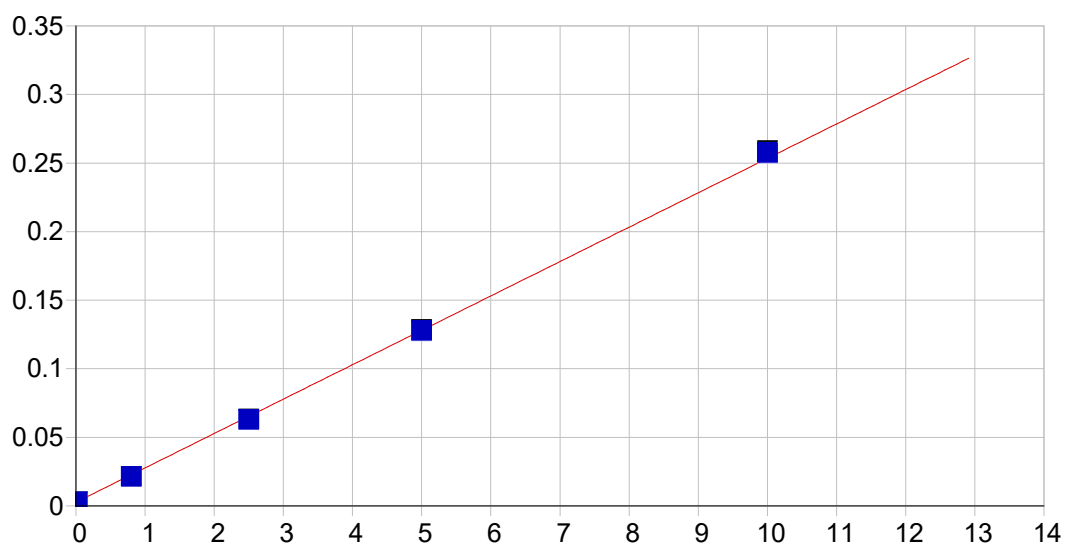


**P 177.495 {490}**

Date of Fit: 7/11/2025 3:09:28      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000448 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.014444  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999949  | Status:   | OK.      |
| Std Error of Est: | 0.000003  |           |          |
| Predicted MDL:    | 0.003739  |           |          |
| Predicted MQL:    | 0.012462  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00045 | .000    | 1        |
| S1        | .02000       | .01959      | -.000      | -2.06   | -.00016 | .000    | 1        |
| S3        | 2.5000       | 2.4610      | -.039      | -1.56   | .03509  | .000    | 1        |
| S4        | 5.0000       | 5.0538      | .054       | 1.08    | .07254  | .000    | 1        |
| S5        | 10.000       | 10.009      | .009       | .087    | .14410  | .000    | 1        |
| S2        | .80000       | .77688      | -.023      | -2.89   | .01077  | .000    | 1        |

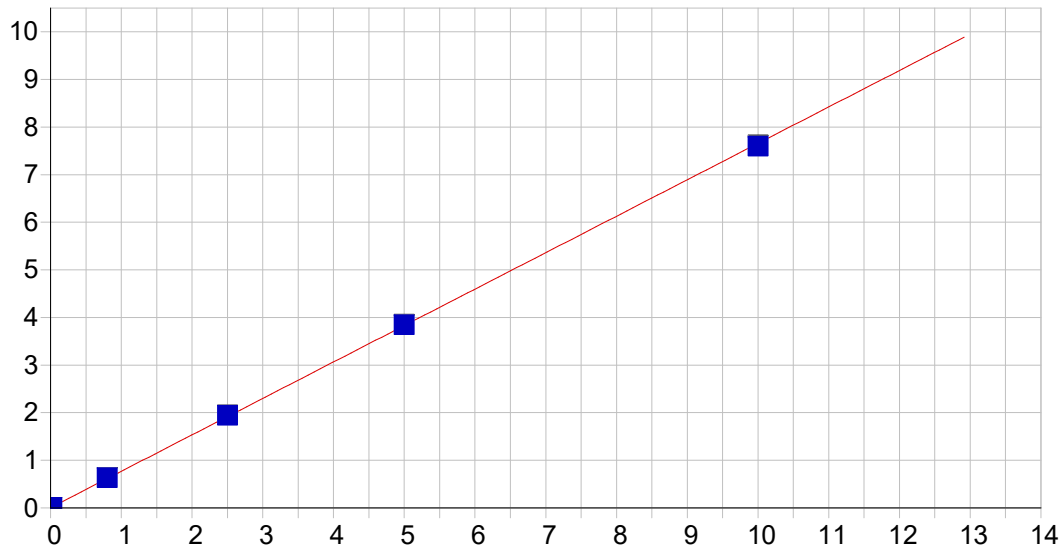


**S 182.034 {485}**

Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002657 Re-Slope: 1.000000  
 A1 (Gain): 0.025073 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999662 Status: OK.  
 Std Error of Est: 0.000015  
 Predicted MDL: 0.002857  
 Predicted MQL: 0.009523

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00266 | .000    | 1        |
| S1        | .02000       | .01292      | -.007      | -35.4   | .00296 | .000    | 1        |
| S3        | 2.5000       | 2.4065      | -.094      | -3.74   | .06283 | .000    | 1        |
| S4        | 5.0000       | 4.9899      | -.010      | -.202   | .12744 | .001    | 1        |
| S5        | 10.000       | 10.164      | .164       | 1.64    | .25685 | .002    | 1        |
| S2        | .80000       | .74630      | -.054      | -6.71   | .02132 | .000    | 1        |

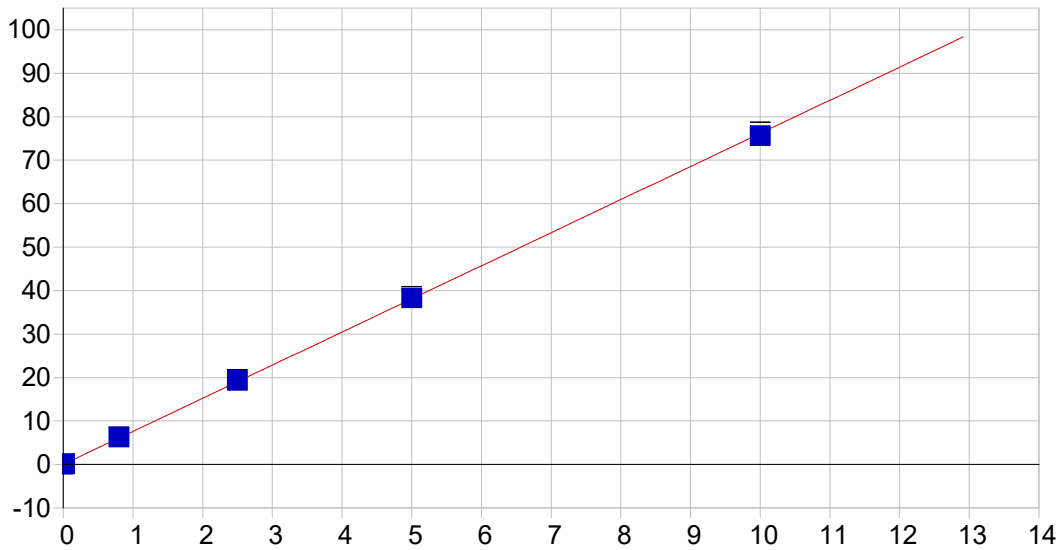


Li 670.784 { 50}

Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004002 Re-Slope: 1.000000  
 A1 (Gain): 0.765376 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999949 Status: OK.  
 Std Error of Est: 0.000182  
 Predicted MDL: 0.001883  
 Predicted MQL: 0.006277

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00400 | .001    | 1        |
| S5        | 10.000       | 9.9213      | -.079      | -.787   | 7.6013 | .021    | 1        |
| S4        | 5.0000       | 5.0191      | .019       | .383    | 3.8474 | .009    | 1        |
| S3        | 2.5000       | 2.5368      | .037       | 1.47    | 1.9466 | .006    | 1        |
| S1        | .02000       | .02122      | .001       | 6.10    | .02049 | .000    | 1        |
| S2        | .80000       | .82153      | .022       | 2.69    | .63309 | .002    | 1        |



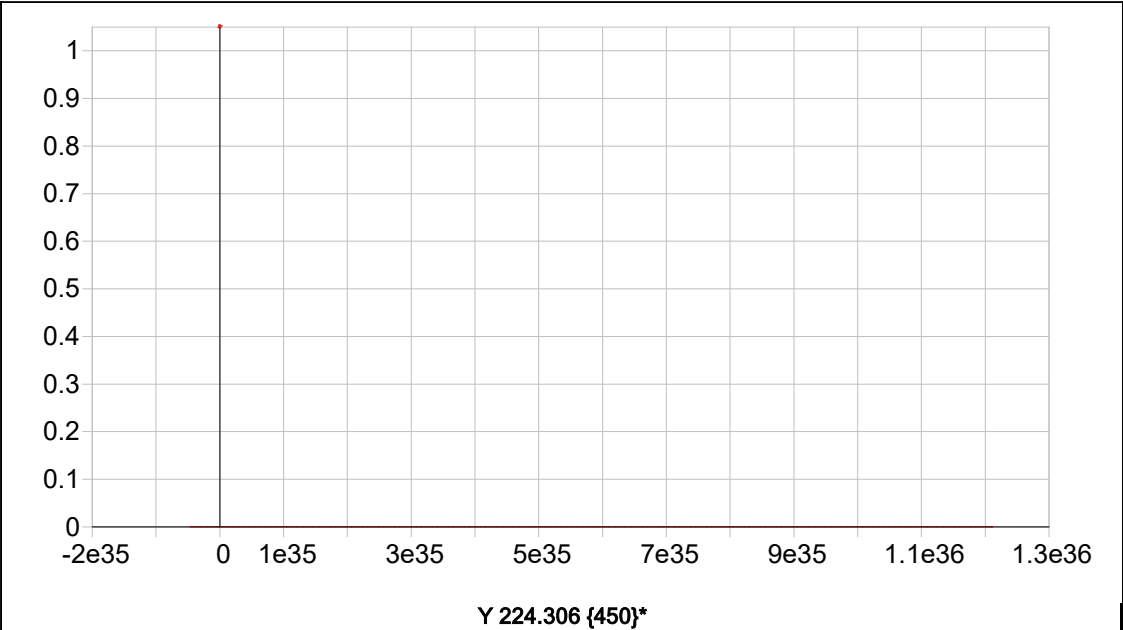
**Sr 407.771 { 83}**

Date of Fit: 7/11/2025 3:09:28      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000324 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 7.616417 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999957 | Status:   | OK.      |
| Std Error of Est: | 0.001650 |           |          |
| Predicted MDL:    | 0.000111 |           |          |
| Predicted MQL:    | 0.000369 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00032 | .000    | 1        |
| S1        | .02000       | .01980      | -.000      | -.984   | .15188 | .002    | 1        |
| S3        | 2.5000       | 2.5313      | .031       | 1.25    | 19.298 | .245    | 1        |
| S4        | 5.0000       | 5.0252      | .025       | .503    | 38.311 | .365    | 1        |
| S5        | 10.000       | 9.9243      | -.076      | -.757   | 75.661 | .862    | 1        |
| S2        | .80000       | .81945      | .019       | 2.43    | 6.2475 | .007    | 1        |

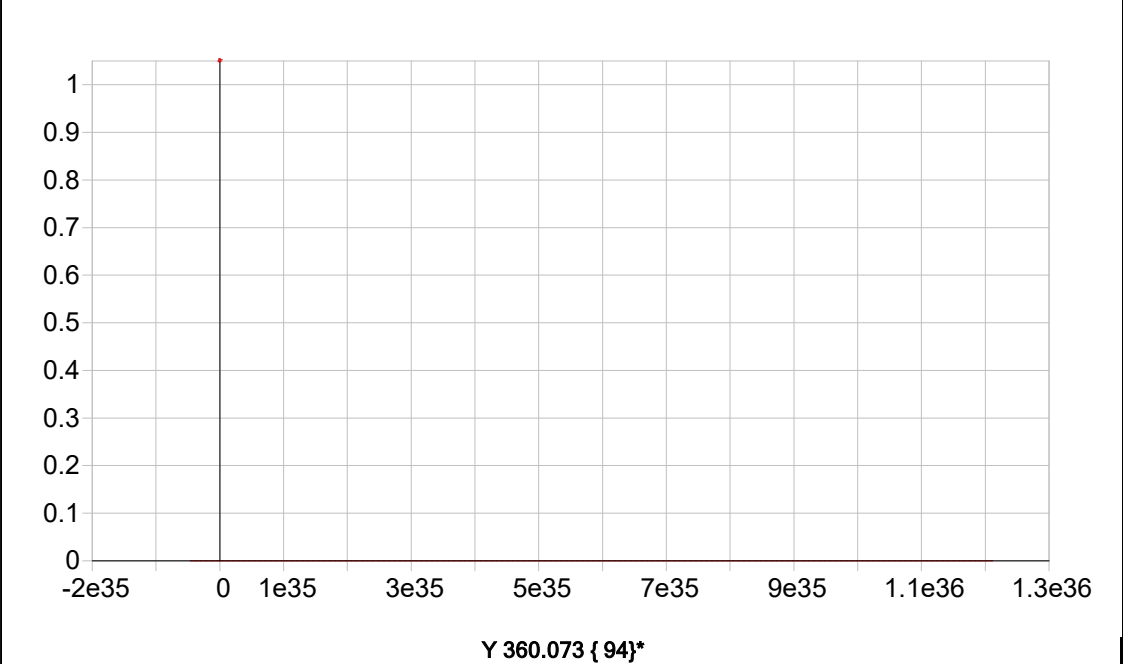




Date of Fit: 7/11/2025 3:09:28      Type of Fit: Linear      Weighting: 1/Conc

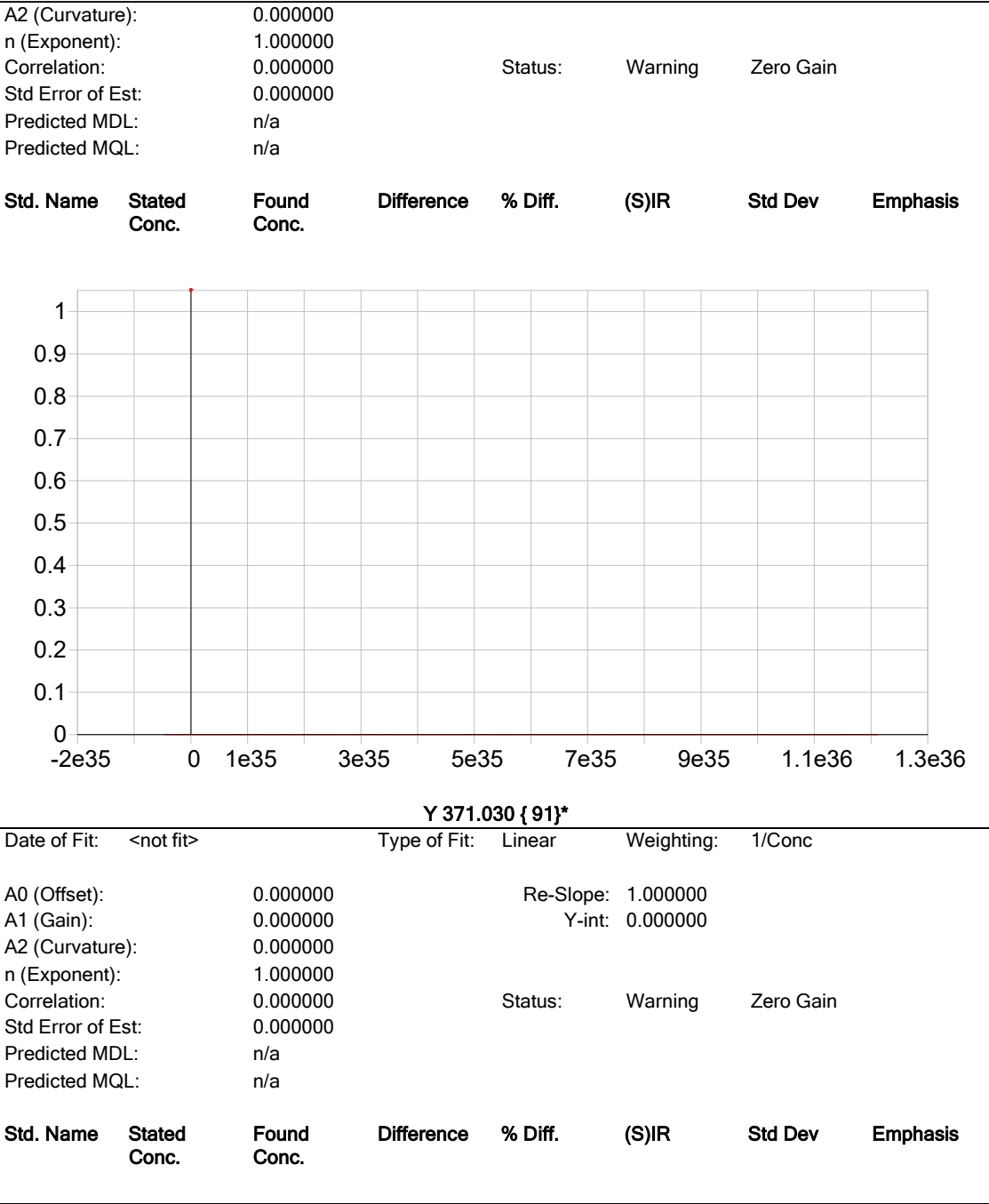
|                   |          |           |                        |
|-------------------|----------|-----------|------------------------|
| A0 (Offset):      | 0.000000 | Re-Slope: | 1.000000               |
| A1 (Gain):        | 0.000000 | Y-int:    | 0.000000               |
| A2 (Curvature):   |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

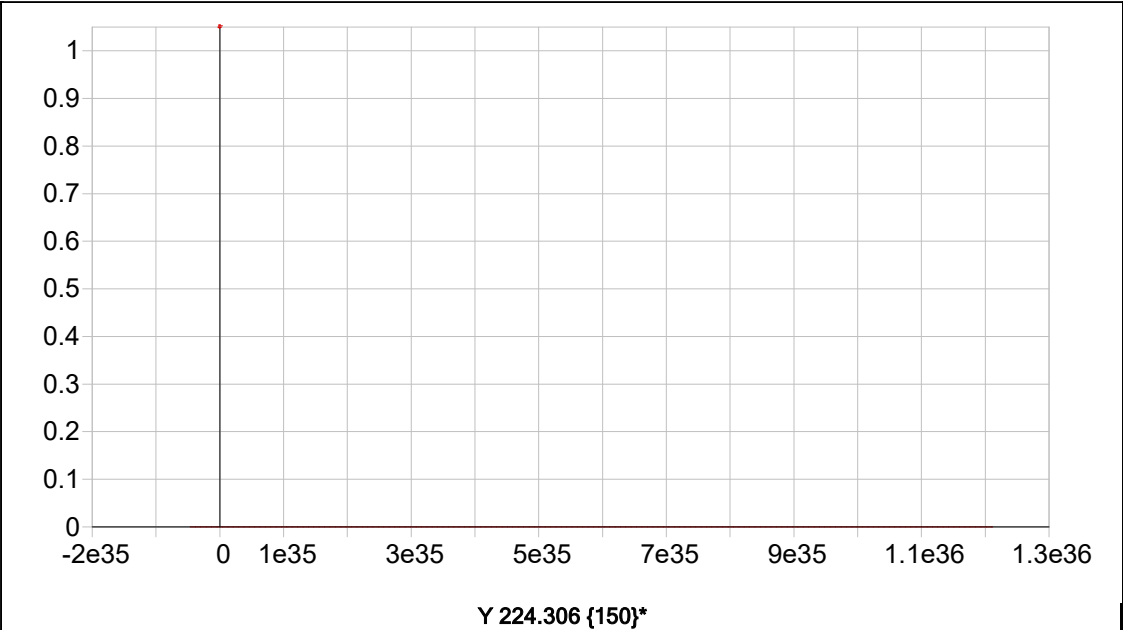
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



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 |





|                   |           |              |          |            |        |
|-------------------|-----------|--------------|----------|------------|--------|
| 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 |
|-------------------|--------------|-------------|------------|---------|-------|---------|----------|
|                   |              |             |            |         |       |         |          |
| ln 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 |            |        |

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