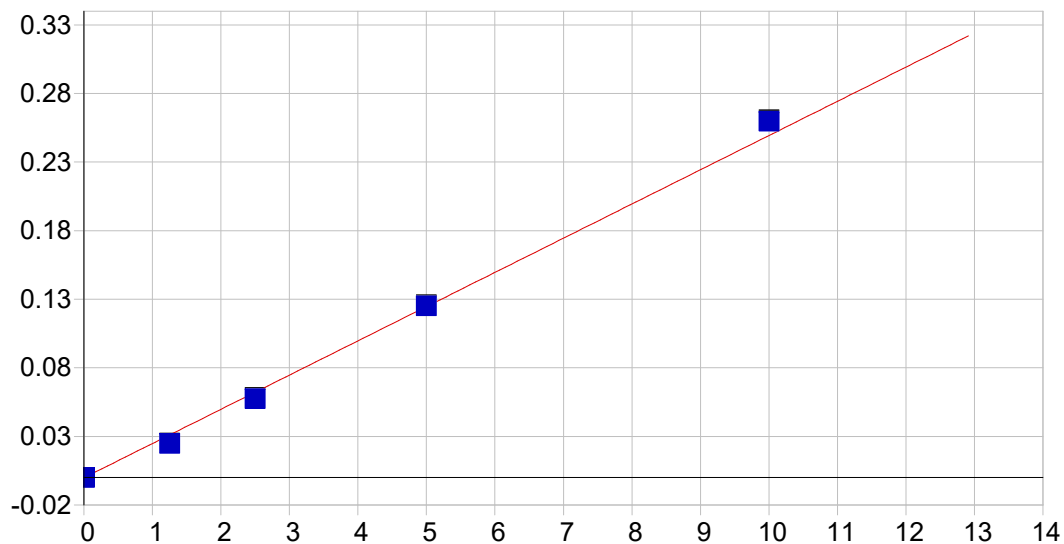


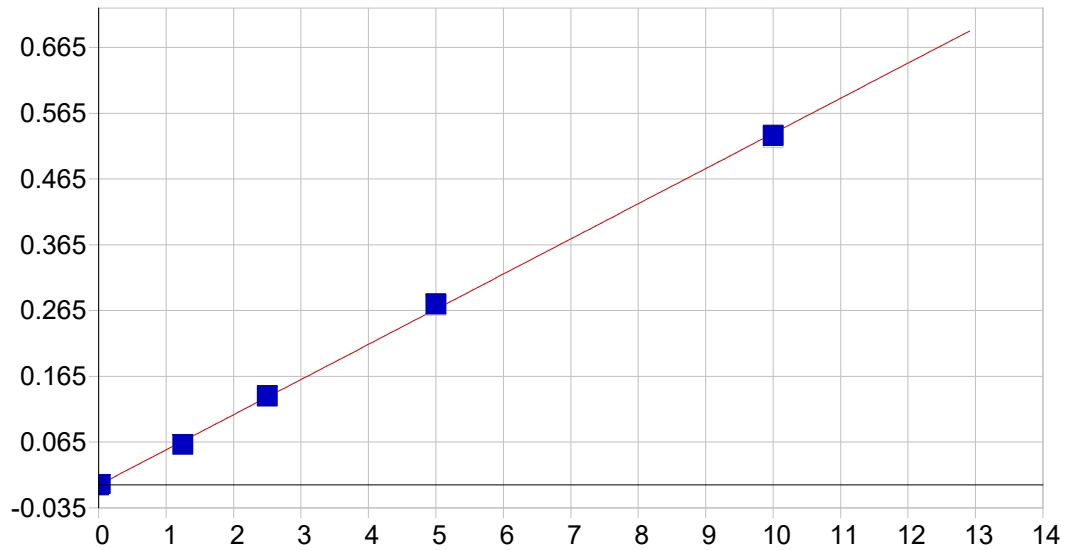


**As 189.042 {479}**

Date of Fit: 06/14/2024 3:15:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000141 Re-Slope: 1.000000  
A1 (Gain): 0.024950 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.997834 Status: OK.  
Std Error of Est: 0.000028  
Predicted MDL: 0.005770  
Predicted MQL: 0.019232

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00014 | .000    | 1        |
| S1        | .01000       | .01165      | .002       | 16.5    | .00015  | .000    | 1        |
| S2        | 1.2500       | .99994      | -.250      | -20.0   | .02481  | .000    | 1        |
| S3        | 2.5000       | 2.3127      | -.187      | -7.49   | .05757  | .001    | 1        |
| S4        | 5.0000       | 5.0219      | .022       | .439    | .12518  | .001    | 1        |
| S5        | 10.000       | 10.414      | .414       | 4.14    | .25973  | .001    | 1        |

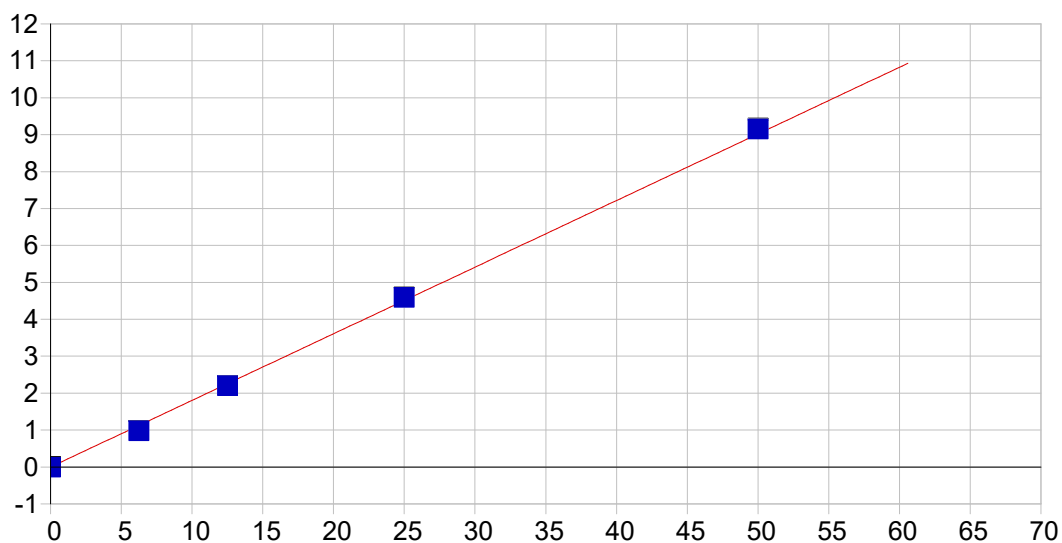


TI 190.856 {477}

Date of Fit: 06/14/2024 3:15:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000255 Re-Slope: 1.000000  
 A1 (Gain): 0.053467 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999649 Status: OK.  
 Std Error of Est: 0.000037  
 Predicted MDL: 0.003185  
 Predicted MQL: 0.010615

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00026 | .000    | 1        |
| S1        | .02500       | .02880      | .004       | 15.2    | .00125  | .000    | 1        |
| S2        | 1.2500       | 1.1493      | -.101      | -8.06   | .06073  | .000    | 1        |
| S3        | 2.5000       | 2.5272      | .027       | 1.09    | .13395  | .001    | 1        |
| S4        | 5.0000       | 5.1344      | .134       | 2.69    | .27243  | .001    | 1        |
| S5        | 10.000       | 9.9353      | -.065      | -.647   | .52728  | .001    | 1        |

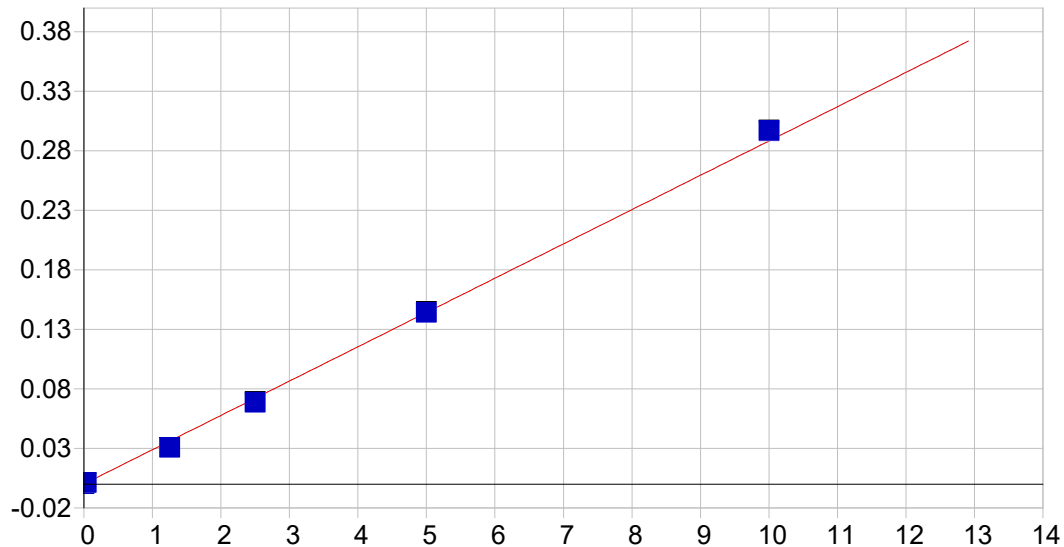


### Pb 220.353 {453}

Date of Fit: 06/14/2024 3:15:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000596 Re-Slope: 1.000000  
 A1 (Gain): 0.180425 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999289 Status: OK.  
 Std Error of Est: 0.000255  
 Predicted MDL: 0.002088  
 Predicted MQL: 0.006961

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00060 | .000    | 1        |
| S1        | .01000       | .00877      | -.001      | -12.3   | .00099  | .000    | 1        |
| S2        | 6.2500       | 5.4268      | -.823      | -13.2   | .97913  | .002    | 1        |
| S3        | 12.500       | 12.189      | -.311      | -2.49   | 2.1997  | .004    | 1        |
| S4        | 25.000       | 25.428      | .428       | 1.71    | 4.5897  | .009    | 1        |
| S5        | 50.000       | 50.708      | .708       | 1.42    | 9.1531  | .023    | 1        |

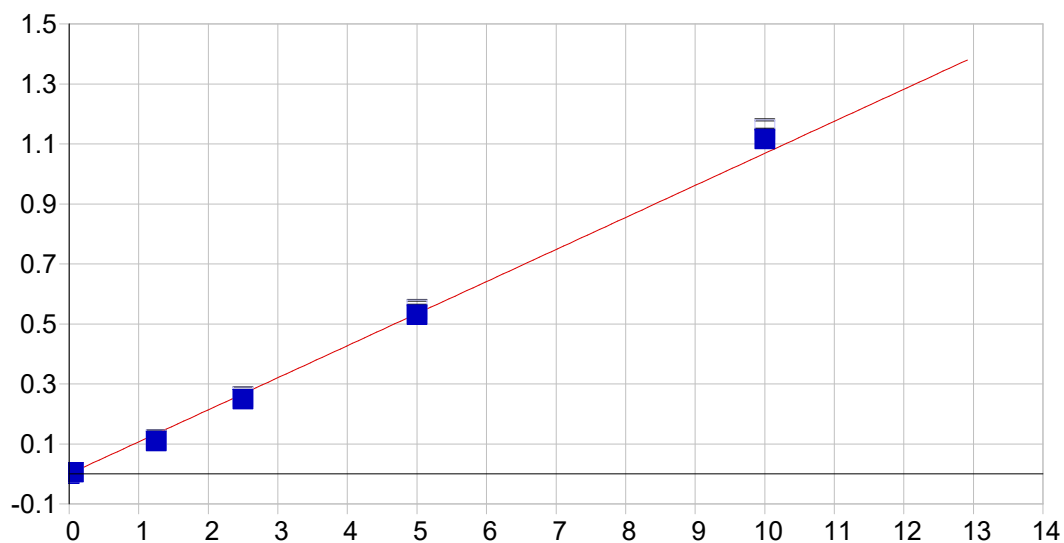


Se 196.090 {472}

Date of Fit: 06/14/2024 3:15:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000076 Re-Slope: 1.000000  
 A1 (Gain): 0.028822 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998876 Status: OK.  
 Std Error of Est: 0.000043  
 Predicted MDL: 0.006949  
 Predicted MQL: 0.023163

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00008 | .000    | 1        |
| S1        | .03500       | .03731      | .002       | 6.59    | .00115 | .000    | 1        |
| S2        | 1.2500       | 1.0650      | -.185      | -14.8   | .03070 | .000    | 1        |
| S3        | 2.5000       | 2.3810      | -.119      | -4.76   | .06856 | .001    | 1        |
| S4        | 5.0000       | 5.0031      | .003       | .063    | .14400 | .001    | 1        |
| S5        | 10.000       | 10.299      | .299       | 2.99    | .29635 | .001    | 1        |

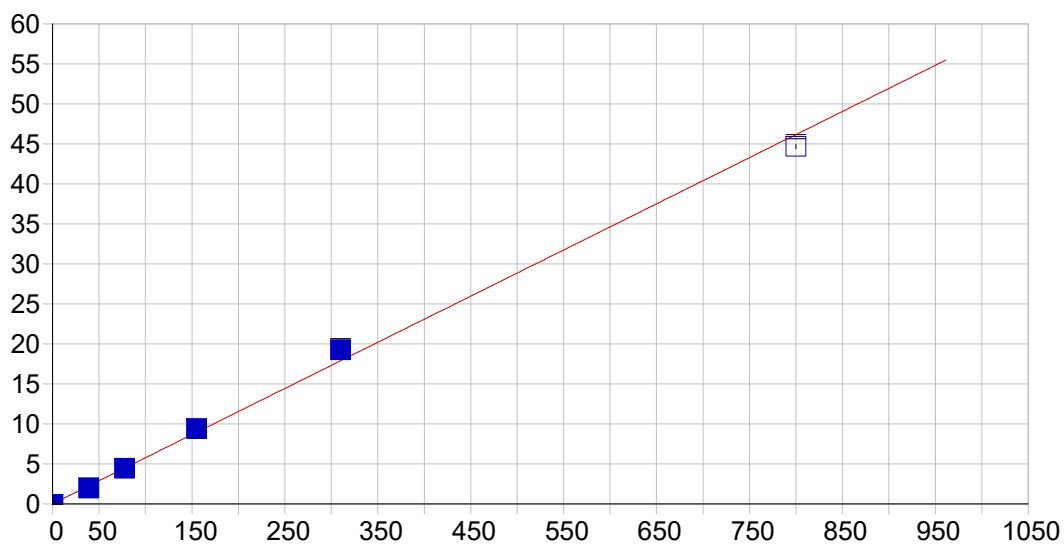


**Sb 206.833 {463}**

Date of Fit: 06/14/2024 3:15:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000036 Re-Slope: 1.000000  
 A1 (Gain): 0.106842 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998159 Status: OK.  
 Std Error of Est: 0.000275  
 Predicted MDL: 0.002641  
 Predicted MQL: 0.008804

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00004 | .000    | 1        |
| S1        | .06000       | .05691      | -.003      | -5.16   | .00612 | .000    | 1        |
| S2        | 1.2500       | 1.0227      | -.227      | -18.2   | .11324 | .001    | 1        |
| S3        | 2.5000       | 2.3246      | -.175      | -7.02   | .25629 | .001    | 1        |
| S4        | 5.0000       | 4.9638      | -.036      | -.723   | .54615 | .003    | 1        |
| S5        | 10.000       | 10.442      | .442       | 4.42    | 1.1472 | .003    | 1        |

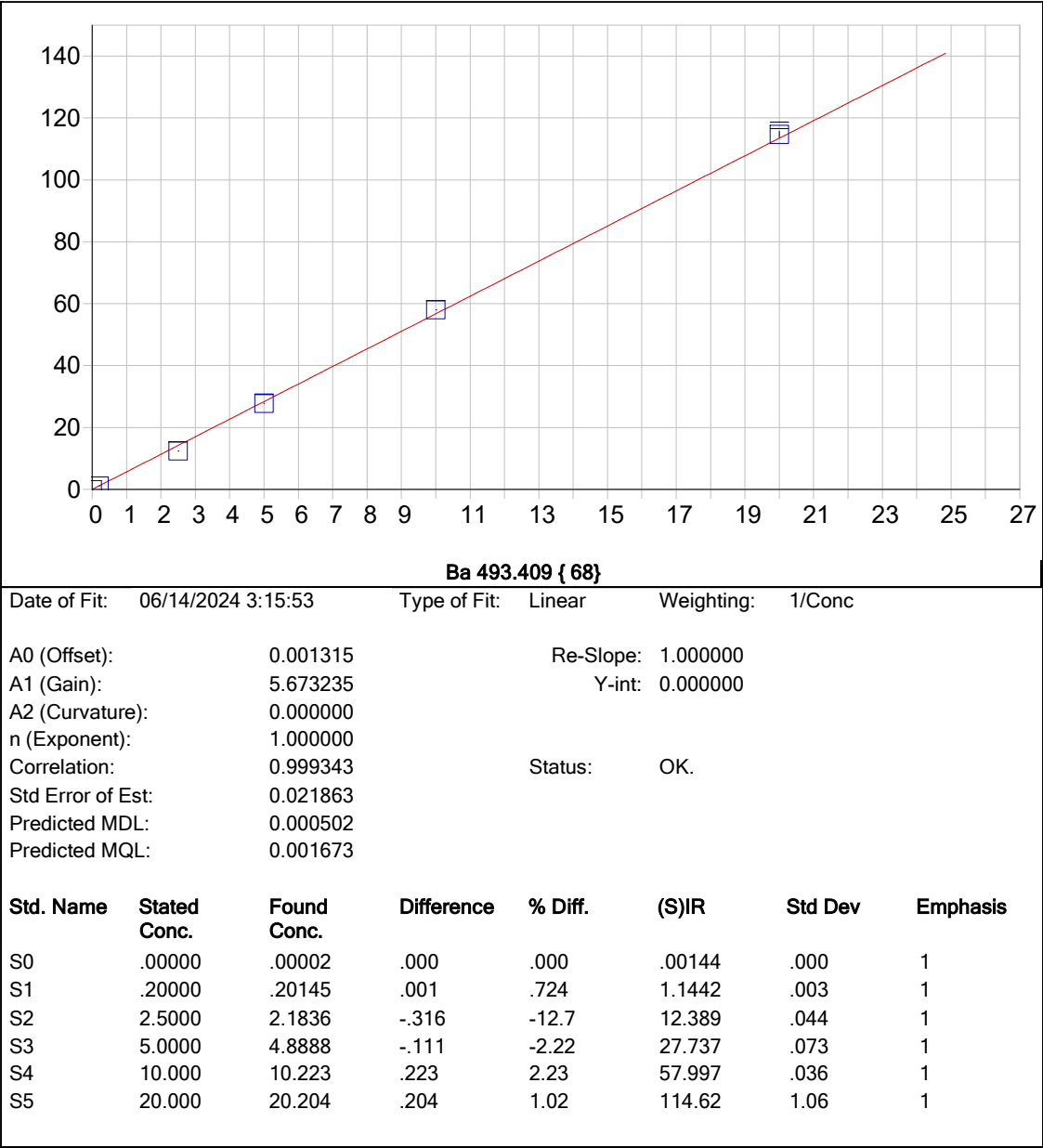


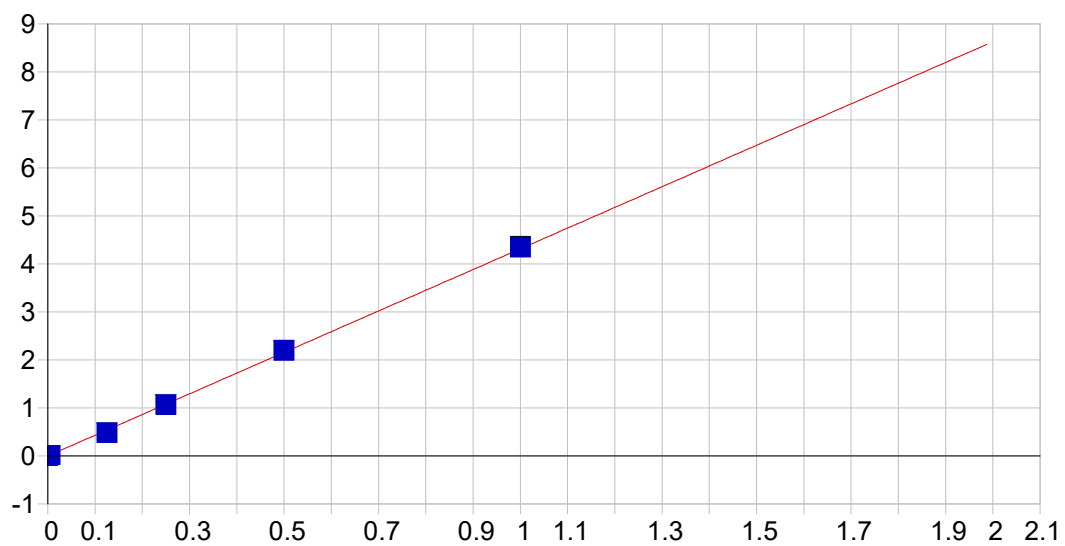
AI 396.152 { 85}

Date of Fit: 06/14/2024 3:15:53      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000876 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.057708 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.998707 | Status:   | OK.      |
| Std Error of Est: | 0.001827 |           |          |
| Predicted MDL:    | 0.016372 |           |          |
| Predicted MQL:    | 0.054574 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00088 | .000    | 1        |
| S1        | .20000       | .20932      | .009       | 4.66    | .01298 | .000    | 1        |
| S2        | 38.750       | 33.996      | -4.75      | -12.3   | 1.9654 | .006    | 1        |
| S3        | 77.500       | 76.771      | -.729      | -.940   | 4.4366 | .016    | 1        |
| S4        | 155.00       | 163.02      | 8.02       | 5.17    | 9.4192 | .028    | 1        |
| S5        | 310.00       | 333.25      | 23.3       | 7.50    | 19.254 | .147    | 1        |
| S6        | 800.00       | 774.17      | -25.8      | -3.23   | 44.677 | .257    | 1        |



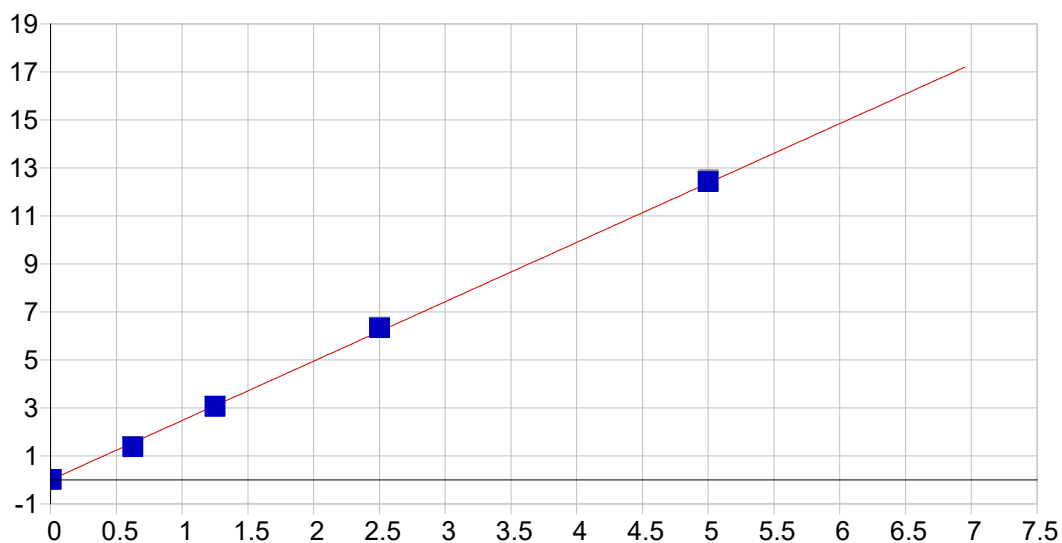


Be 234.861 {144}

Date of Fit: 06/14/2024 3:15:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000331 Re-Slope: 1.000000  
A1 (Gain): 4.314503 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999529 Status: OK.  
Std Error of Est: 0.000496  
Predicted MDL: 0.000130  
Predicted MQL: 0.000434

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00033 | .000    | 1        |
| S1        | .00500       | .00542      | .000       | 8.33    | .02303  | .000    | 1        |
| S2        | .12500       | .11126      | -.014      | -11.0   | .47883  | .002    | 1        |
| S3        | .25000       | .24773      | -.002      | -.908   | 1.0668  | .007    | 1        |
| S4        | .50000       | .50872      | .009       | 1.74    | 2.1910  | .006    | 1        |
| S5        | 1.0000       | 1.0069      | .007       | .688    | 4.3369  | .020    | 1        |

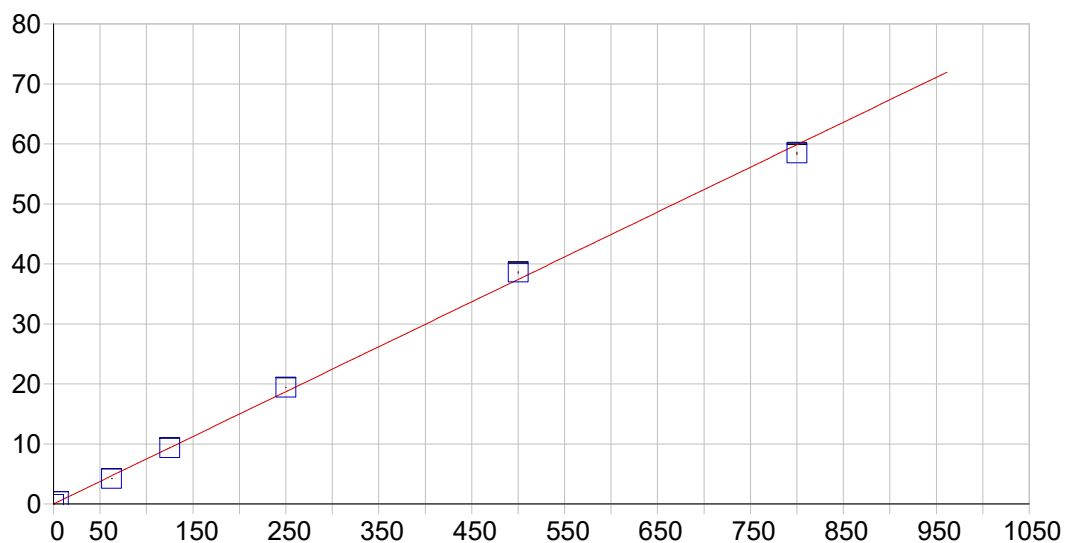


**Cd 214.438 {457}**

Date of Fit: 06/14/2024 3:15:53      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000192 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.474362 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999467 | Status:   | OK.      |
| Std Error of Est: | 0.000679 |           |          |
| Predicted MDL:    | 0.000106 |           |          |
| Predicted MQL:    | 0.000352 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00019 | .000    | 1        |
| S1        | .00500       | .00522      | .000       | 4.43    | .01312 | .000    | 1        |
| S2        | .62500       | .55303      | -.072      | -11.5   | 1.3723 | .004    | 1        |
| S3        | 1.2500       | 1.2362      | -.014      | -1.10   | 3.0665 | .001    | 1        |
| S4        | 2.5000       | 2.5611      | .061       | 2.44    | 6.3522 | .012    | 1        |
| S5        | 5.0000       | 5.0244      | .024       | .488    | 12.462 | .036    | 1        |

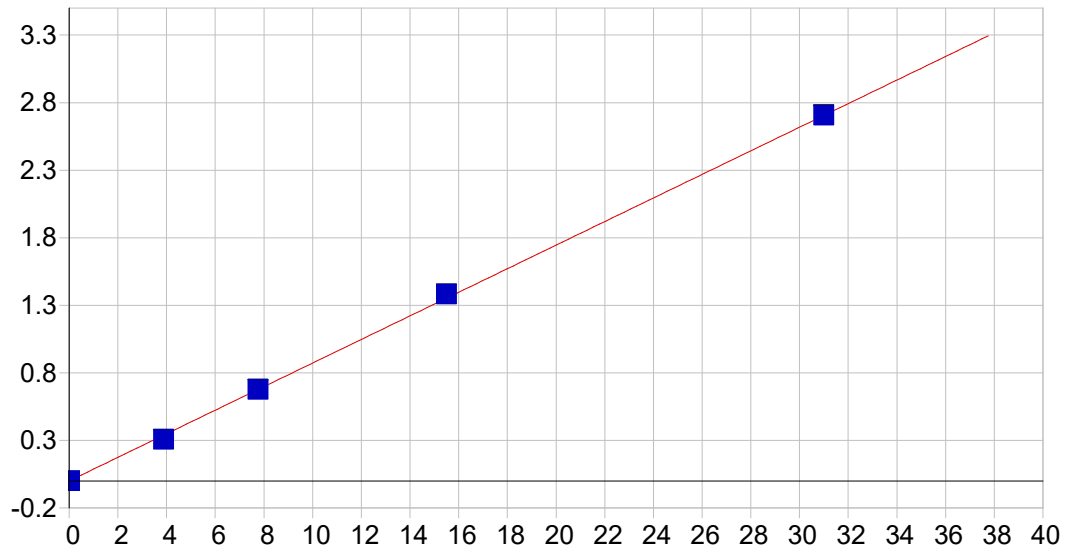


Ca 373.690 { 90}

Date of Fit: 06/14/2024 3:15:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002957 Re-Slope: 1.000000  
 A1 (Gain): 0.074826 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999442 Status: OK.  
 Std Error of Est: 0.008728  
 Predicted MDL: 0.013425  
 Predicted MQL: 0.044750

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00004     | -.000      | .000    | .00295 | .001    | 1        |
| S1        | 5.0000       | 5.3218      | .322       | 6.44    | .40116 | .001    | 1        |
| S2        | 62.500       | 56.241      | -6.26      | -10.0   | 4.2113 | .016    | 1        |
| S3        | 125.00       | 124.85      | -.149      | -.119   | 9.3450 | .024    | 1        |
| S4        | 250.00       | 259.37      | 9.37       | 3.75    | 19.410 | .046    | 1        |
| S5        | 500.00       | 515.74      | 15.7       | 3.15    | 38.593 | .147    | 1        |
| S6        | 800.00       | 780.98      | -19.0      | -2.38   | 58.441 | .177    | 1        |

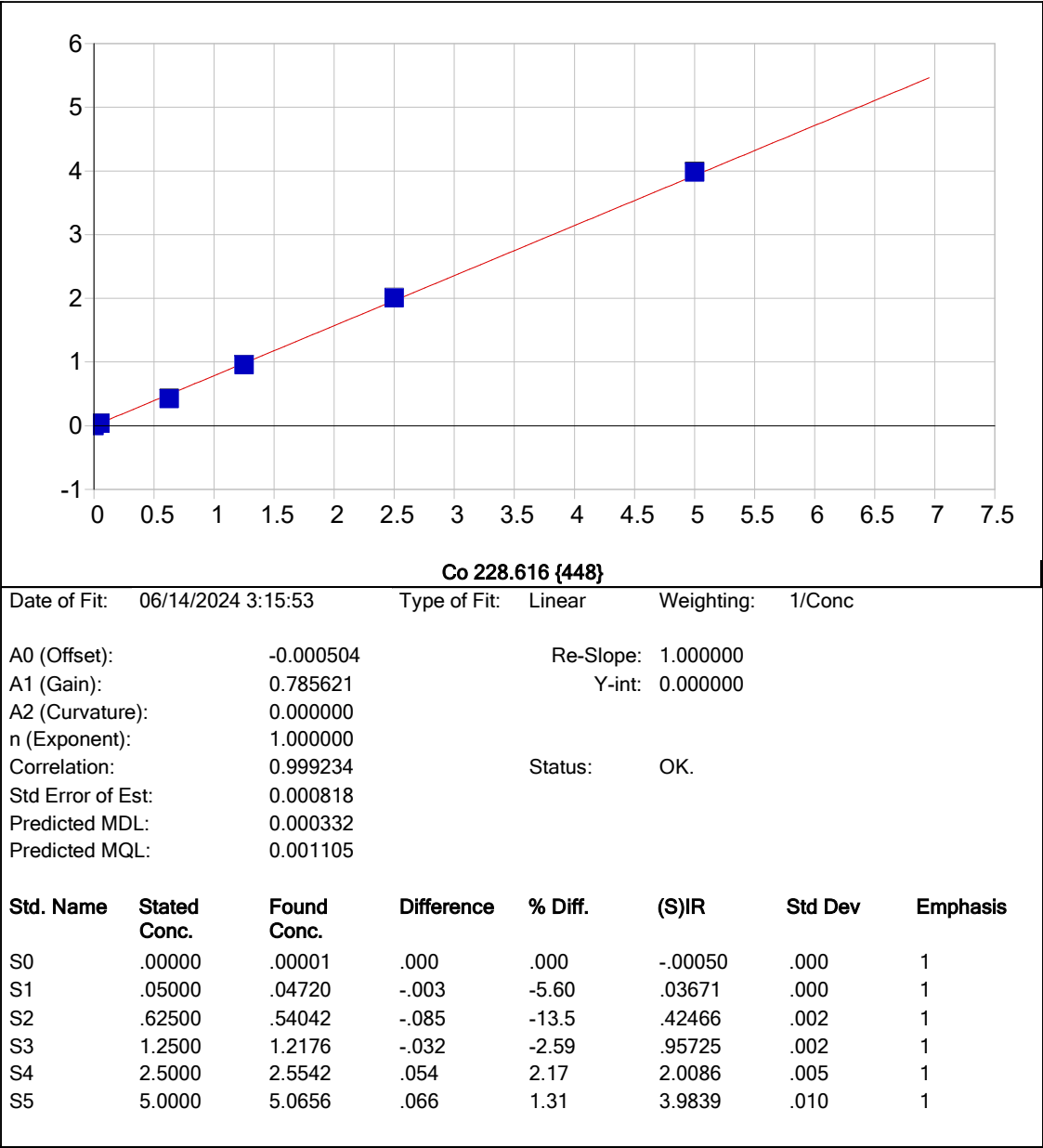


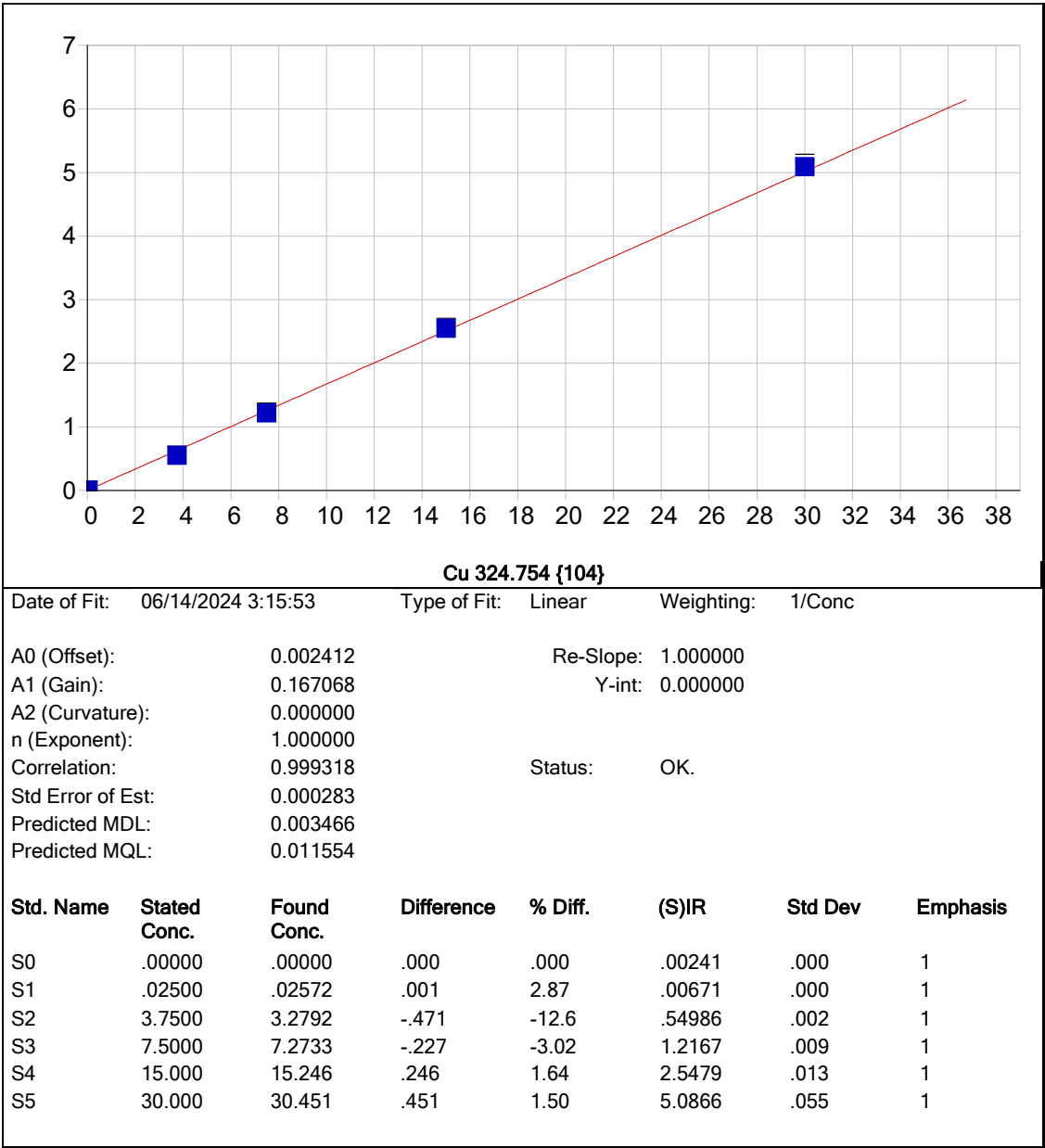
**Cr 267.716 {126}**

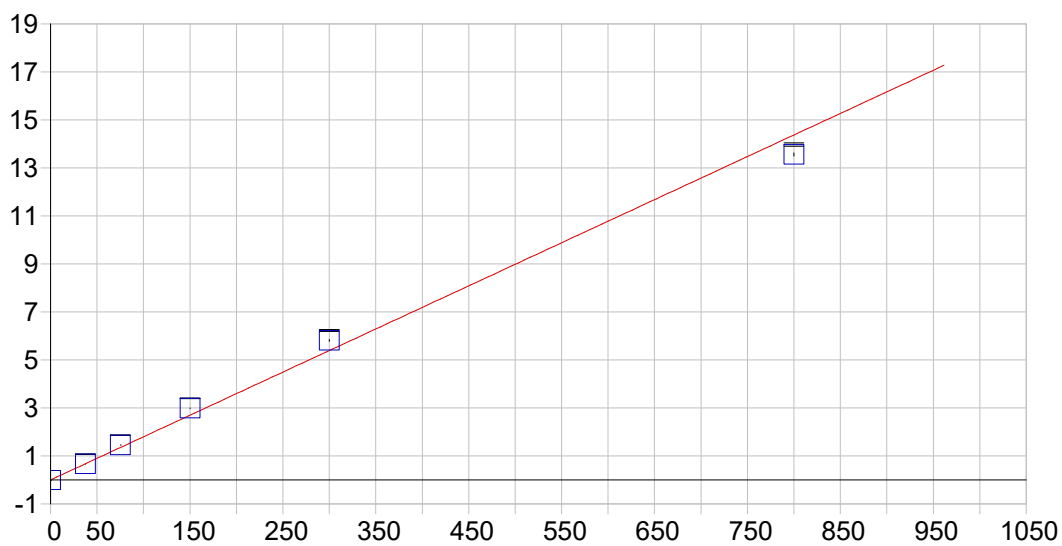
Date of Fit: 06/14/2024 3:15:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000034 Re-Slope: 1.000000  
 A1 (Gain): 0.087260 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999668 Status: OK.  
 Std Error of Est: 0.000066  
 Predicted MDL: 0.001214  
 Predicted MQL: 0.004047

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00003 | .000    | 1        |
| S1        | .01000       | .01087      | .001       | 8.70    | .00092  | .000    | 1        |
| S2        | 3.8750       | 3.5273      | -.348      | -8.97   | .30798  | .000    | 1        |
| S3        | 7.7500       | 7.7498      | -.000      | -.002   | .67665  | .002    | 1        |
| S4        | 15.500       | 15.838      | .338       | 2.18    | 1.3828  | .000    | 1        |
| S5        | 31.000       | 31.009      | .009       | .030    | 2.7076  | .003    | 1        |





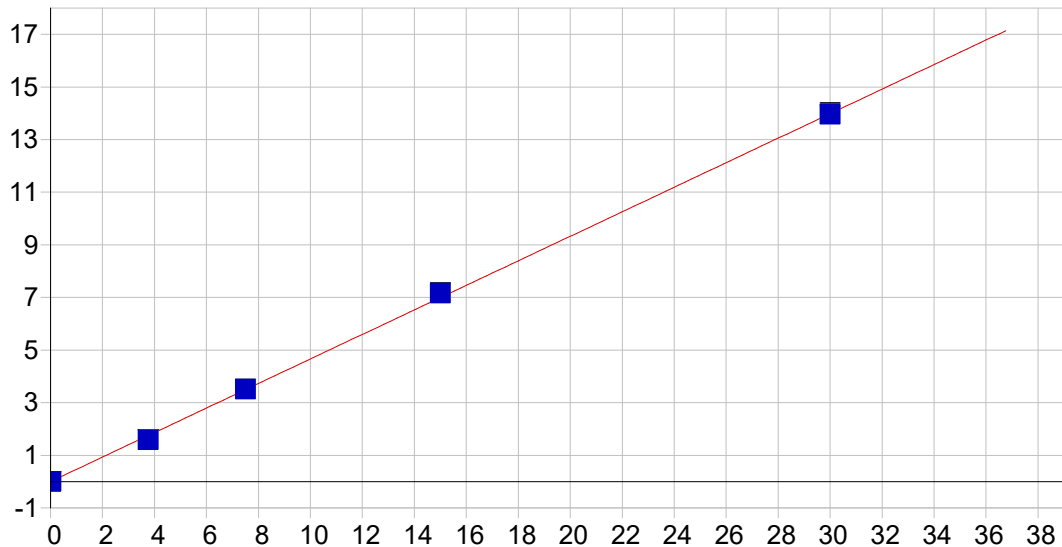


### Fe 259.837 {130}

Date of Fit: 06/14/2024 3:15:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000169 Re-Slope: 1.000000  
 A1 (Gain): 0.017965 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.997592 Status: OK.  
 Std Error of Est: 0.000545  
 Predicted MDL: 0.015796  
 Predicted MQL: 0.052653

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | .00017 | .000    | 1        |
| S1        | .10000       | .11420      | .014       | 14.2    | .00222 | .000    | 1        |
| S2        | 37.500       | 36.819      | -.681      | -1.82   | .66164 | .003    | 1        |
| S3        | 75.000       | 81.041      | 6.04       | 8.05    | 1.4561 | .003    | 1        |
| S4        | 150.00       | 166.21      | 16.2       | 10.8    | 2.9862 | .014    | 1        |
| S5        | 300.00       | 323.32      | 23.3       | 7.77    | 5.8088 | .041    | 1        |
| S6        | 800.00       | 755.10      | -44.9      | -5.61   | 13.566 | .067    | 1        |

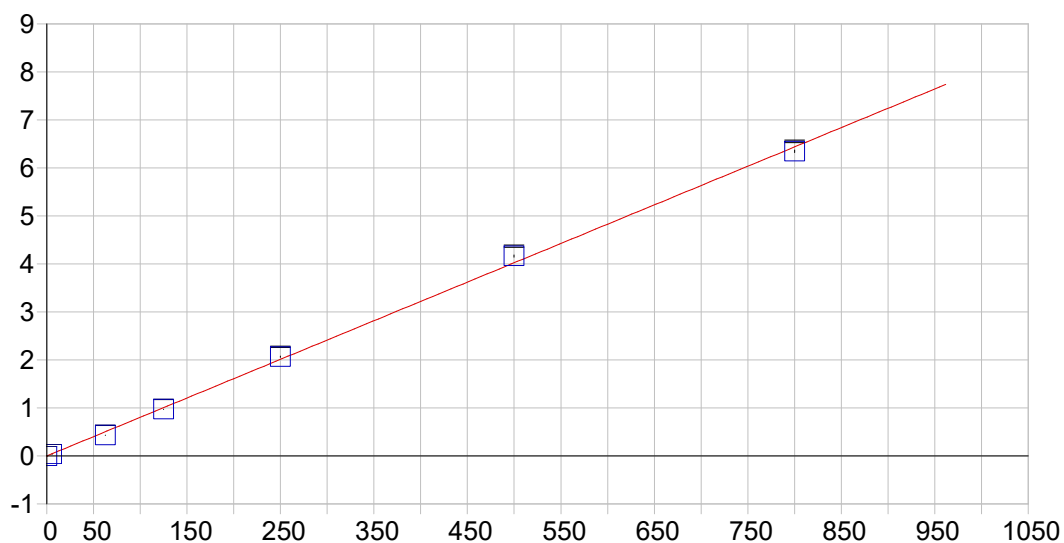


**Mn 257.610 {131}**

Date of Fit: 06/14/2024 3:15:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000160 Re-Slope: 1.000000  
 A1 (Gain): 0.466238 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999663 Status: OK.  
 Std Error of Est: 0.000431  
 Predicted MDL: 0.000702  
 Predicted MQL: 0.002340

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00016 | .000    | 1        |
| S1        | .01500       | .01621      | .001       | 8.10    | .00742  | .000    | 1        |
| S2        | 3.7500       | 3.4211      | -.329      | -8.77   | 1.5951  | .006    | 1        |
| S3        | 7.5000       | 7.5284      | .028       | .379    | 3.5104  | .008    | 1        |
| S4        | 15.000       | 15.362      | .362       | 2.42    | 7.1634  | .022    | 1        |
| S5        | 30.000       | 29.937      | -.063      | -.210   | 13.960  | .057    | 1        |

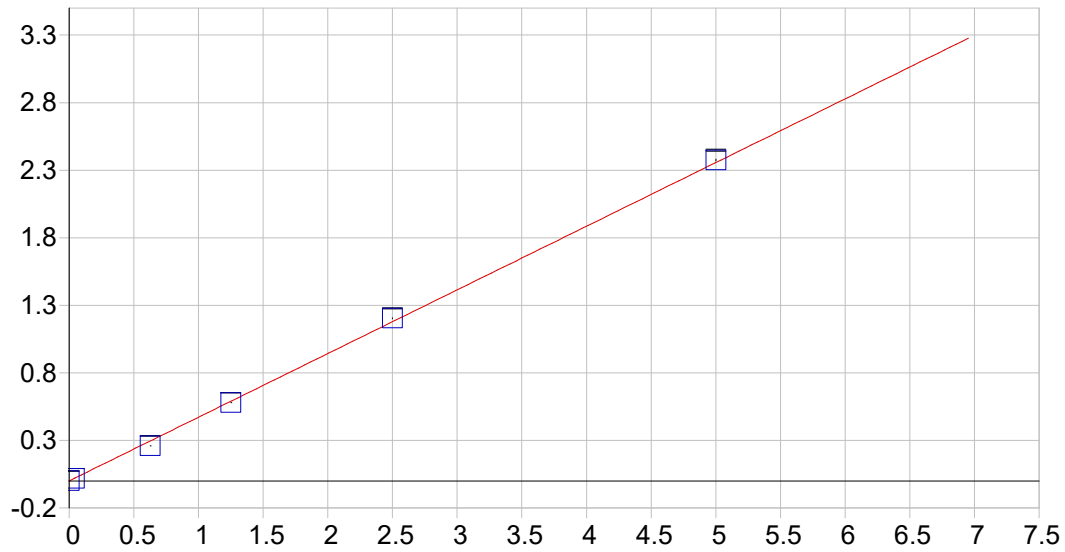


**Mg 279.079 {121}**

Date of Fit: 06/14/2024 3:15:53      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000282 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.008047  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999315  | Status:   | OK.      |
| Std Error of Est: | 0.001040  |           |          |
| Predicted MDL:    | 0.044614  |           |          |
| Predicted MQL:    | 0.148713  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00065      | .001       | .000    | -.00028 | .000    | 1        |
| S1        | 5.0000       | 5.0024      | .002       | .048    | .03997  | .000    | 1        |
| S2        | 62.500       | 53.483      | -9.02      | -14.4   | .43009  | .002    | 1        |
| S3        | 125.00       | 120.76      | -4.24      | -3.39   | .97147  | .002    | 1        |
| S4        | 250.00       | 256.64      | 6.64       | 2.66    | 2.0649  | .012    | 1        |
| S5        | 500.00       | 517.57      | 17.6       | 3.51    | 4.1645  | .025    | 1        |
| S6        | 800.00       | 789.04      | -11.0      | -1.37   | 6.3490  | .028    | 1        |

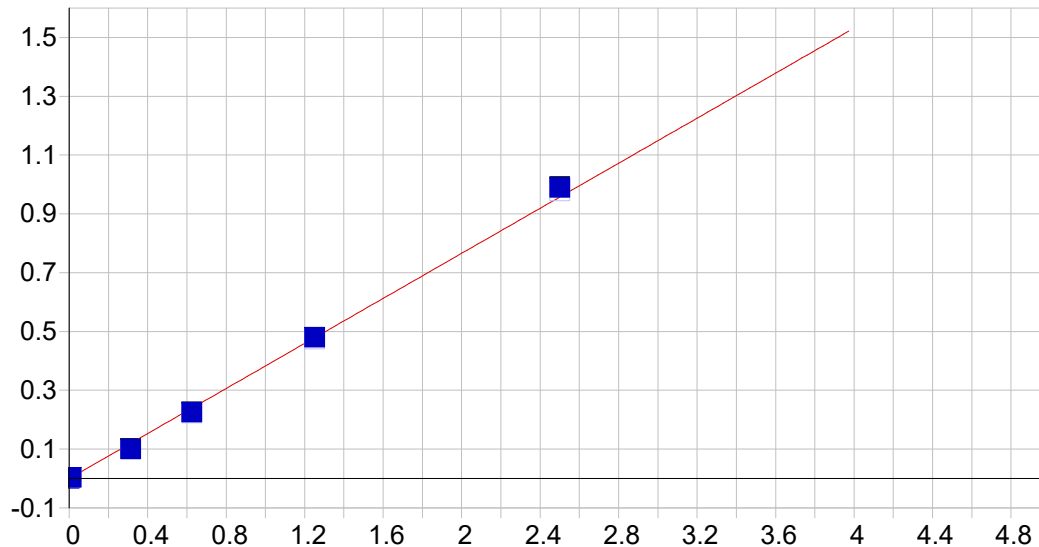


Ni 231.604 {446}

Date of Fit: 06/14/2024 3:15:53      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000160 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.471232 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999425 | Status:   | OK.      |
| Std Error of Est: | 0.000380 |           |          |
| Predicted MDL:    | 0.000555 |           |          |
| Predicted MQL:    | 0.001850 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00016 | .000    | 1        |
| S1        | .04000       | .04006      | .000       | .151    | .01904 | .000    | 1        |
| S2        | .62500       | .55019      | -.075      | -12.0   | .25943 | .001    | 1        |
| S3        | 1.2500       | 1.2298      | -.020      | -1.62   | .57968 | .001    | 1        |
| S4        | 2.5000       | 2.5556      | .056       | 2.22    | 1.2044 | .003    | 1        |
| S5        | 5.0000       | 5.0394      | .039       | .788    | 2.3749 | .006    | 1        |

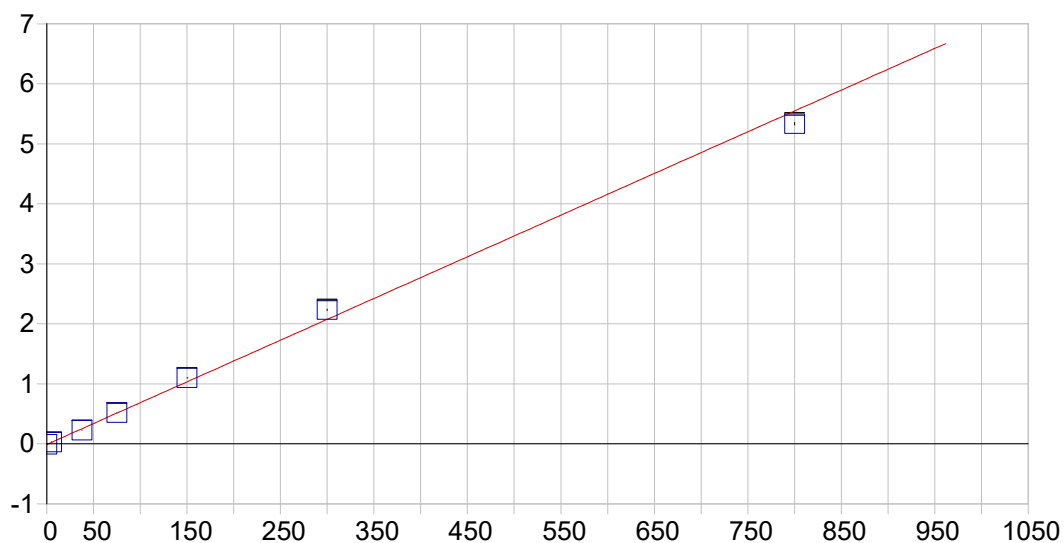


**Ag 328.068 {103}**

Date of Fit: 06/14/2024 3:15:53      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000301 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.383045  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.998635  | Status:   | OK.      |
| Std Error of Est: | 0.000166  |           |          |
| Predicted MDL:    | 0.000391  |           |          |
| Predicted MQL:    | 0.001303  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00030 | .000    | 1        |
| S1        | .01000       | .00970      | -.000      | -2.97   | .00340  | .000    | 1        |
| S2        | .31250       | .26391      | -.049      | -15.5   | .09935  | .001    | 1        |
| S3        | .62500       | .58786      | -.037      | -5.94   | .22200  | .001    | 1        |
| S4        | 1.2500       | 1.2528      | .003       | .228    | .47384  | .001    | 1        |
| S5        | 2.5000       | 2.5832      | .083       | 3.33    | .97766  | .004    | 1        |

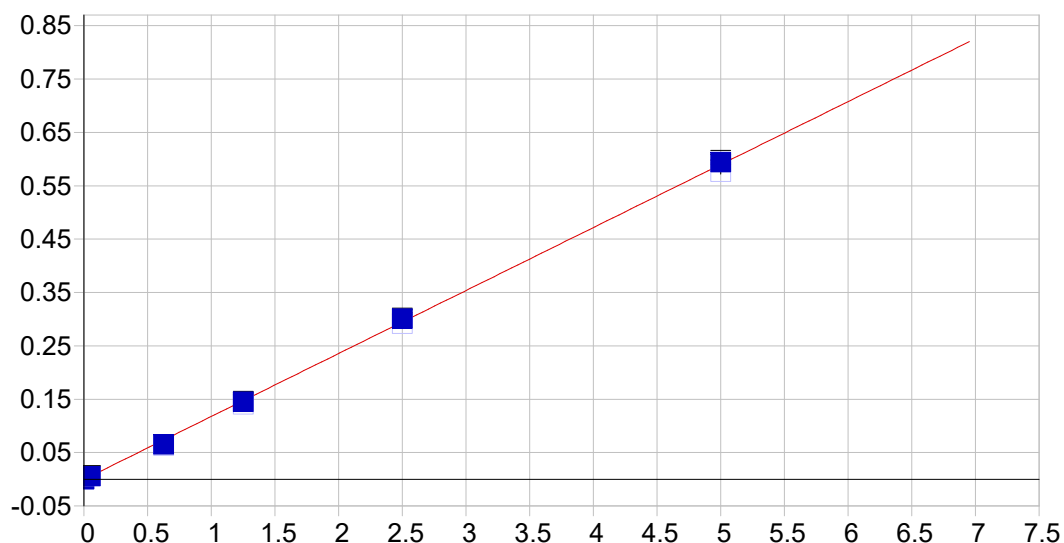


**Na 818.326 { 41}**

Date of Fit: 06/14/2024 3:15:53      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.007856 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.006945  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.998572  | Status:   | OK.      |
| Std Error of Est: | 0.001149  |           |          |
| Predicted MDL:    | 0.303099  |           |          |
| Predicted MQL:    | 1.010331  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00056     | -.001      | .000    | -.00786 | .001    | 1        |
| S1        | 5.0000       | 5.4670      | .467       | 9.34    | .03011  | .002    | 1        |
| S2        | 37.500       | 33.946      | -3.55      | -9.48   | .22790  | .002    | 1        |
| S3        | 75.000       | 75.825      | .825       | 1.10    | .51875  | .003    | 1        |
| S4        | 150.00       | 159.73      | 9.73       | 6.49    | 1.1015  | .001    | 1        |
| S5        | 300.00       | 322.86      | 22.9       | 7.62    | 2.2344  | .014    | 1        |
| S6        | 800.00       | 769.67      | -30.3      | -3.79   | 5.3375  | .021    | 1        |

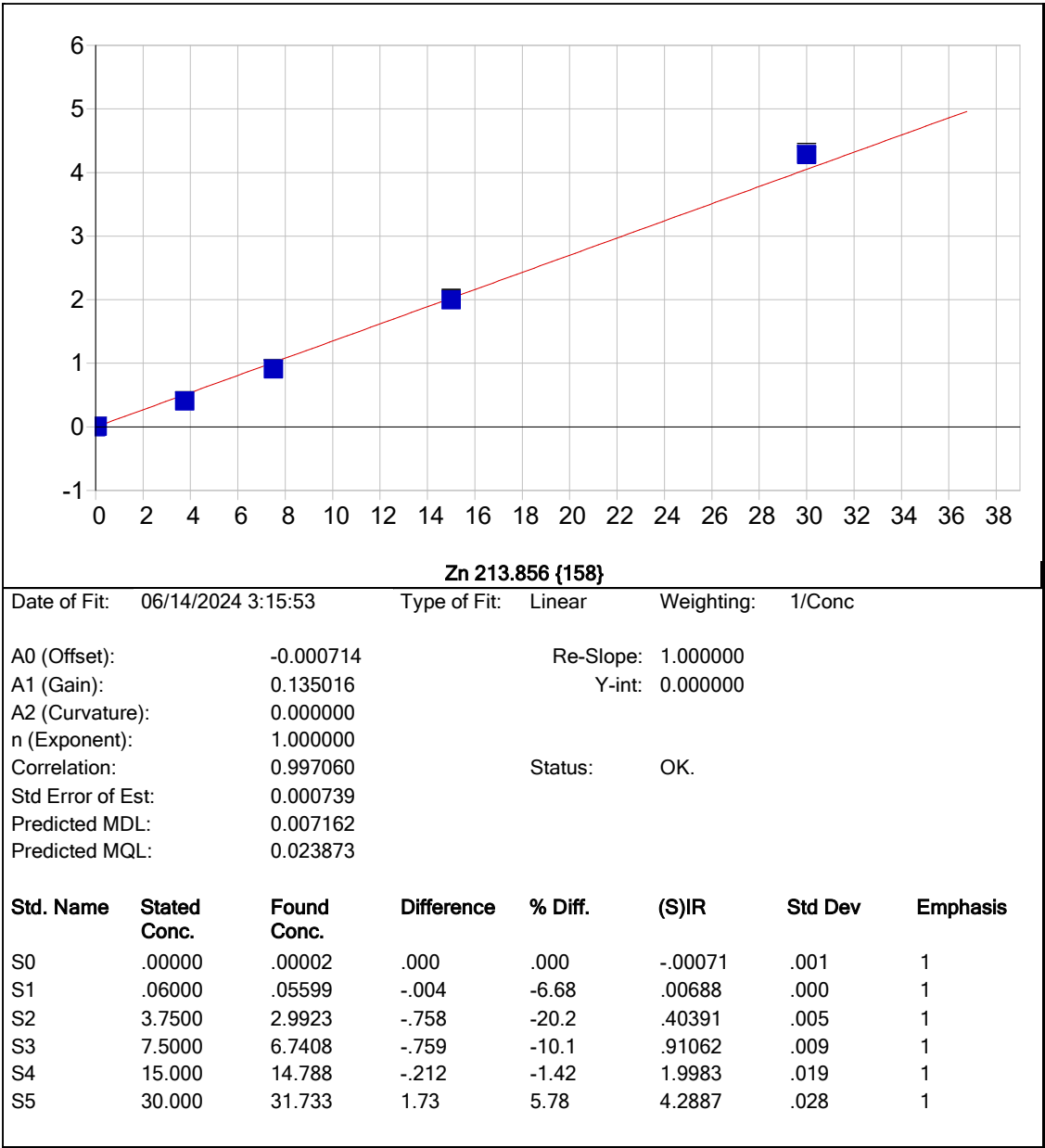


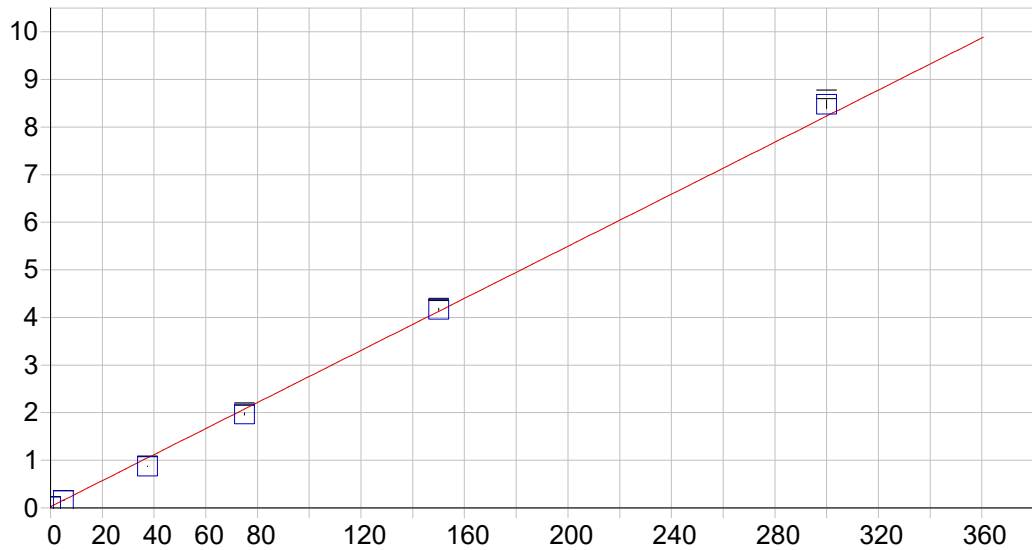
V 292.402 {115}

Date of Fit: 06/14/2024 3:15:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000373 Re-Slope: 1.000000  
A1 (Gain): 0.118017 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999480 Status: OK.  
Std Error of Est: 0.000098  
Predicted MDL: 0.003764  
Predicted MQL: 0.012547

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00037 | .000    | 1        |
| S1        | .05000       | .05166      | .002       | 3.31    | .00571  | .000    | 1        |
| S2        | .62500       | .55600      | -.069      | -11.0   | .06298  | .000    | 1        |
| S3        | 1.2500       | 1.2311      | -.019      | -1.51   | .14038  | .001    | 1        |
| S4        | 2.5000       | 2.5502      | .050       | 2.01    | .29152  | .001    | 1        |
| S5        | 5.0000       | 5.0361      | .036       | .721    | .57584  | .004    | 1        |

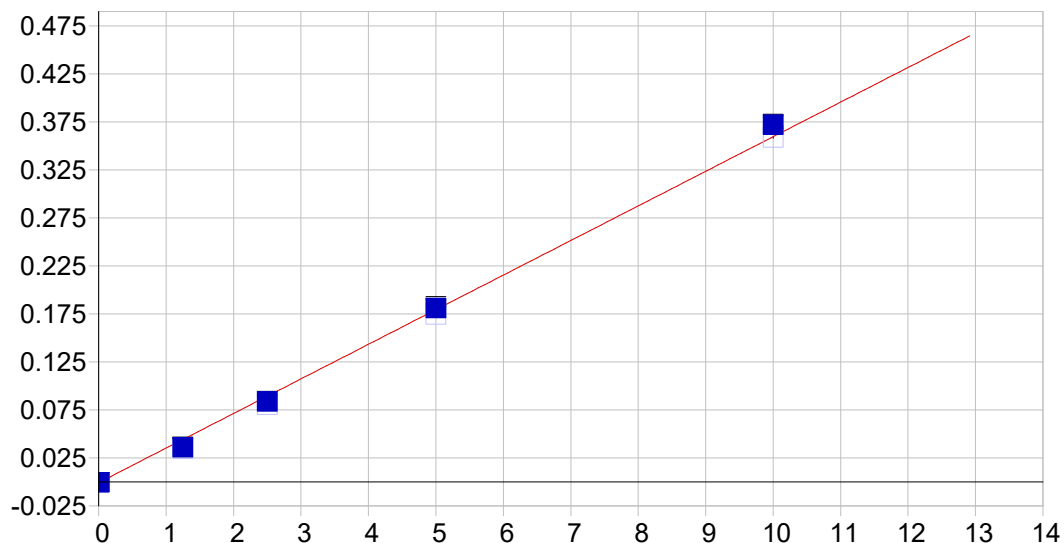




Date of Fit: 06/14/2024 3:15:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.025759 Re-Slope: 1.000000  
 A1 (Gain): 0.027349 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998582 Status: OK.  
 Std Error of Est: 0.003006  
 Predicted MDL: 0.116074  
 Predicted MQL: 0.386913

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00123      | .001       | .000    | .02579 | .001    | 1        |
| S1        | 5.0000       | 4.6849      | -.315      | -6.30   | .15389 | .001    | 1        |
| S2        | 37.500       | 31.068      | -6.43      | -17.2   | .87545 | .008    | 1        |
| S3        | 75.000       | 71.134      | -3.87      | -5.15   | 1.9712 | .023    | 1        |
| S4        | 150.00       | 151.54      | 1.54       | 1.03    | 4.1703 | .025    | 1        |
| S5        | 300.00       | 309.07      | 9.07       | 3.02    | 8.4787 | .091    | 1        |

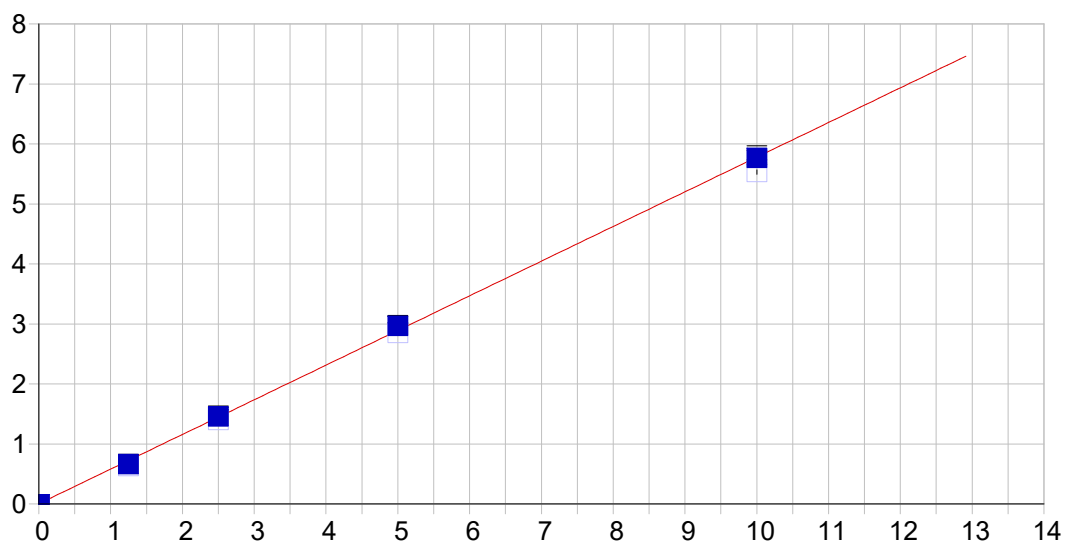


P 177.495 {490}

Date of Fit: 06/14/2024 3:15:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000821 Re-Slope: 1.000000  
A1 (Gain): 0.036041 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.998143 Status: OK.  
Std Error of Est: 0.000036  
Predicted MDL: 0.004045  
Predicted MQL: 0.013483

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00082 | .000    | 1        |
| S1        | .01000       | .00915      | -.001      | -8.45   | -.00050 | .000    | 1        |
| S2        | 1.2500       | 1.0175      | -.232      | -18.6   | .03419  | .000    | 1        |
| S3        | 2.5000       | 2.3473      | -.153      | -6.11   | .08046  | .000    | 1        |
| S4        | 5.0000       | 5.0422      | .042       | .844    | .17428  | .002    | 1        |
| S5        | 10.000       | 10.344      | .344       | 3.44    | .35873  | .001    | 1        |

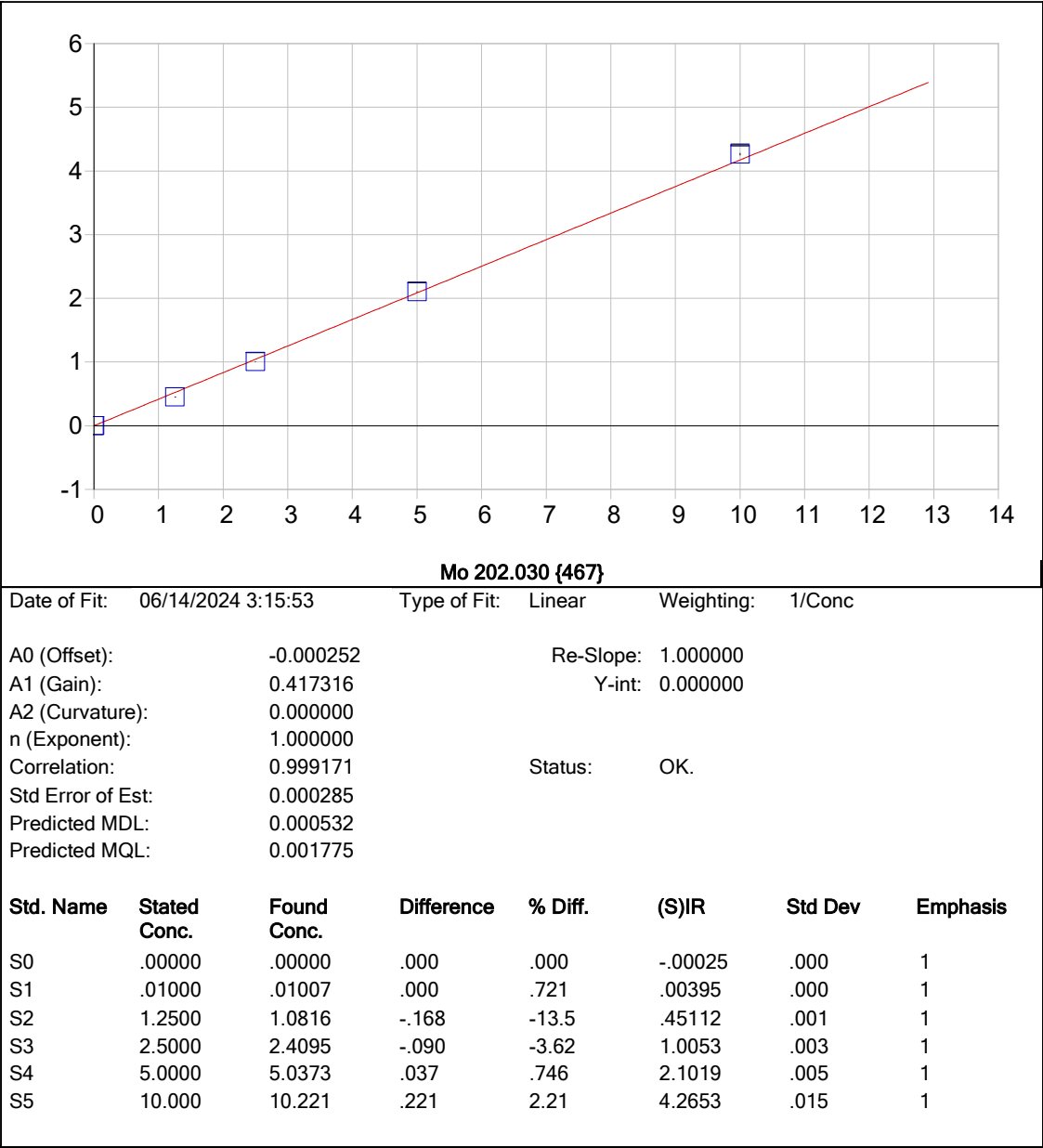


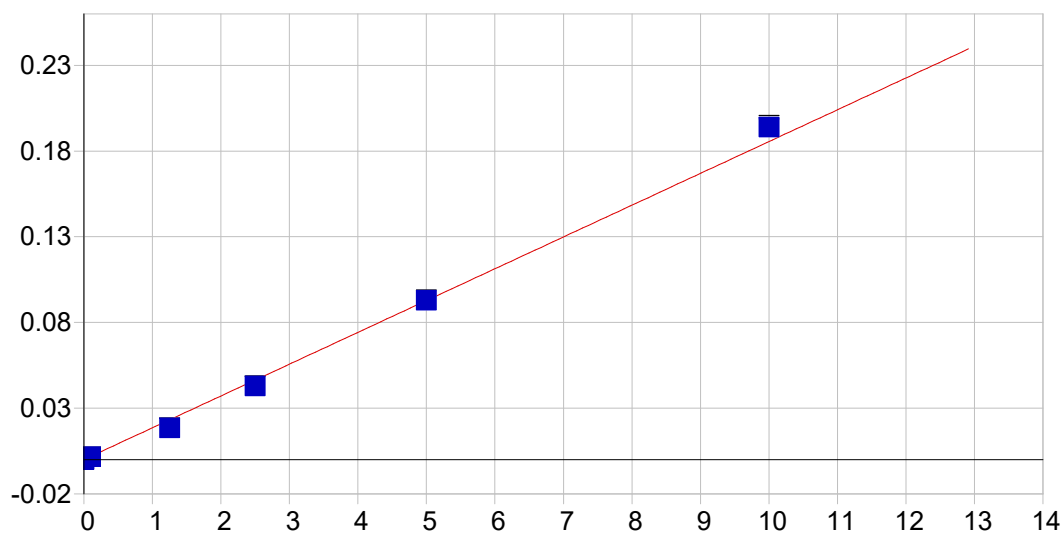
**B 249.678 {135}**

Date of Fit: 06/14/2024 3:15:53      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.002204 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.577698 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999272 | Status:   | OK.      |
| Std Error of Est: | 0.000355 |           |          |
| Predicted MDL:    | 0.001139 |           |          |
| Predicted MQL:    | 0.003795 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00221 | .000    | 1        |
| S1        | .01000       | -.00073     | -.011      | -107.   | .00173 | .000    | 1        |
| S2        | 1.2500       | 1.1380      | -.112      | -8.96   | .63048 | .003    | 1        |
| S3        | 2.5000       | 2.5167      | .017       | .670    | 1.3978 | .009    | 1        |
| S4        | 5.0000       | 5.1315      | .132       | 2.63    | 2.8501 | .009    | 1        |
| S5        | 10.000       | 9.9748      | -.025      | -.252   | 5.5315 | .036    | 1        |



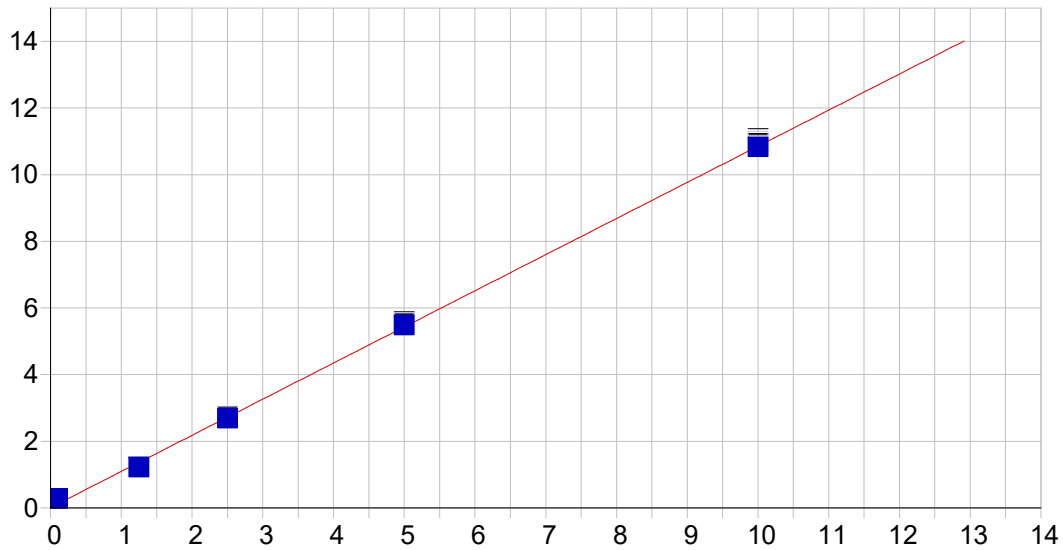


**S 182.034 {485}**

Date of Fit: 06/14/2024 3:15:53      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000024 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.018550 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.997592 | Status:   | OK.      |
| Std Error of Est: | 0.000069 |           |          |
| Predicted MDL:    | 0.007250 |           |          |
| Predicted MQL:    | 0.024166 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00004      | .000       | .000    | .00002 | .000    | 1        |
| S1        | .10000       | .08700      | -.013      | -13.0   | .00164 | .000    | 1        |
| S2        | 1.2500       | .98879      | -.261      | -20.9   | .01837 | .000    | 1        |
| S3        | 2.5000       | 2.3109      | -.189      | -7.56   | .04290 | .000    | 1        |
| S4        | 5.0000       | 5.0106      | .011       | .212    | .09298 | .000    | 1        |
| S5        | 10.000       | 10.453      | .453       | 4.53    | .19394 | .001    | 1        |

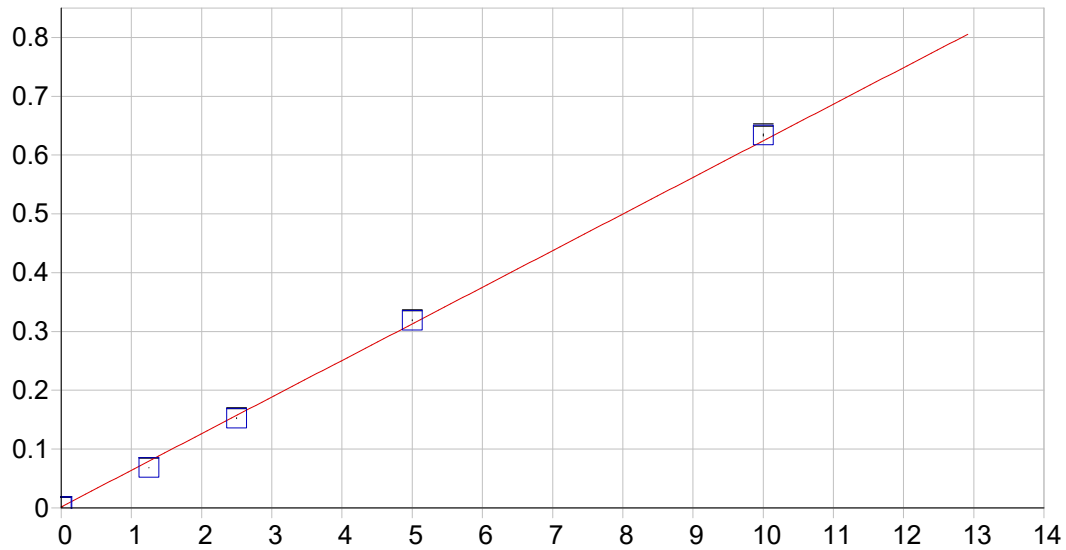


Si 251.611 {134}

Date of Fit: 06/14/2024 3:15:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010995 Re-Slope: 1.000000  
 A1 (Gain): 1.084207 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.994283 Status: OK.  
 Std Error of Est: 0.006287  
 Predicted MDL: 0.000584  
 Predicted MQL: 0.001948

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00013     | -.000      | .000    | .01085 | .001    | 1        |
| S1        | .10000       | .24424      | .144       | 144.    | .27653 | .003    | 1        |
| S2        | 1.2500       | 1.1111      | -.139      | -11.1   | 1.2375 | .005    | 1        |
| S3        | 2.5000       | 2.4709      | -.029      | -1.16   | 2.7338 | .013    | 1        |
| S4        | 5.0000       | 5.0443      | .044       | .885    | 5.5677 | .018    | 1        |
| S5        | 10.000       | 9.9808      | -.019      | -.192   | 11.008 | .072    | 1        |

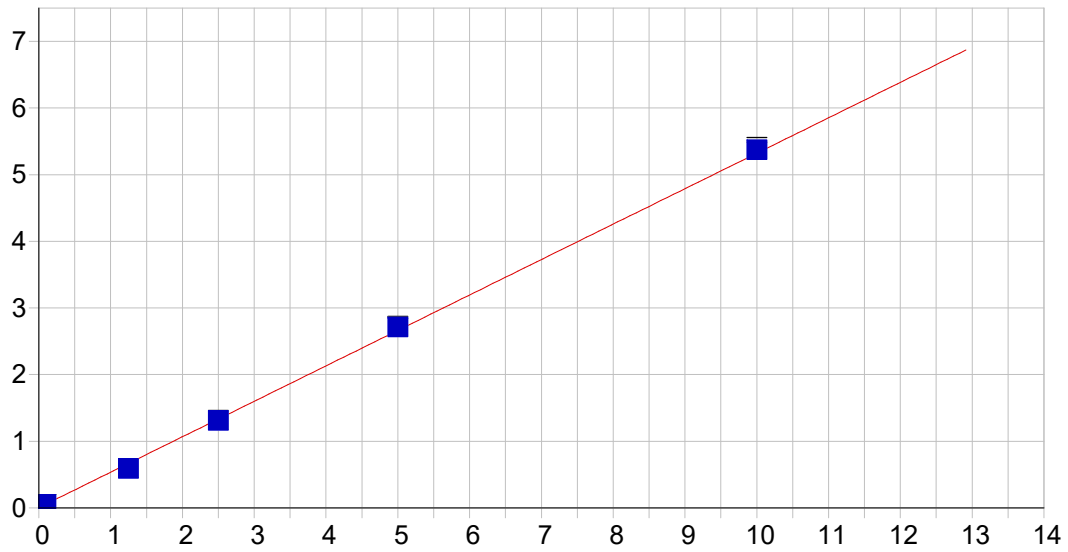


**Sn 189.989 {478}**

Date of Fit: 06/14/2024 3:15:53      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001758 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.062244 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999128 | Status:   | OK.      |
| Std Error of Est: | 0.000036 |           |          |
| Predicted MDL:    | 0.002132 |           |          |
| Predicted MQL:    | 0.007107 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00176 | .000    | 1        |
| S1        | .00700       | .00708      | .000       | 1.09    | .00220 | .000    | 1        |
| S2        | 1.2500       | 1.0699      | -.180      | -14.4   | .06836 | .000    | 1        |
| S3        | 2.5000       | 2.4231      | -.077      | -3.08   | .15258 | .001    | 1        |
| S4        | 5.0000       | 5.0989      | .099       | 1.98    | .31914 | .001    | 1        |
| S5        | 10.000       | 10.158      | .158       | 1.58    | .63404 | .002    | 1        |

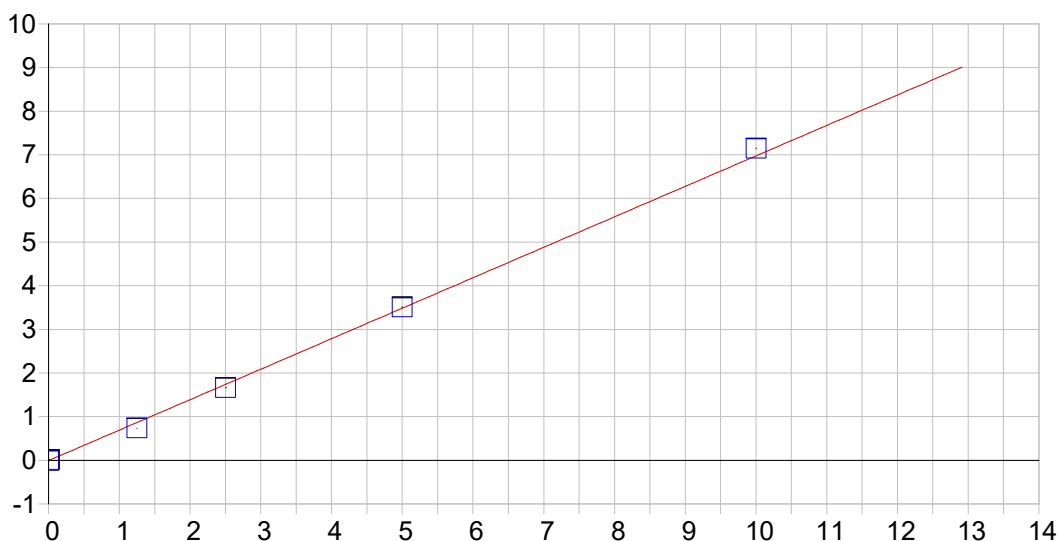


**Ti 336.121 {100}**

Date of Fit: 06/14/2024 3:15:53      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.003825 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.531806 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999424 | Status:   | OK.      |
| Std Error of Est: | 0.000959 |           |          |
| Predicted MDL:    | 0.001267 |           |          |
| Predicted MQL:    | 0.004224 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00383 | .000    | 1        |
| S1        | .10000       | .09960      | -.000      | -.397   | .05677 | .000    | 1        |
| S2        | 1.2500       | 1.0990      | -.151      | -12.1   | .58795 | .004    | 1        |
| S3        | 2.5000       | 2.4577      | -.042      | -1.69   | 1.3102 | .003    | 1        |
| S4        | 5.0000       | 5.0937      | .094       | 1.87    | 2.7114 | .012    | 1        |
| S5        | 10.000       | 10.100      | .100       | 1.00    | 5.3724 | .034    | 1        |



Li 670.784 { 50}

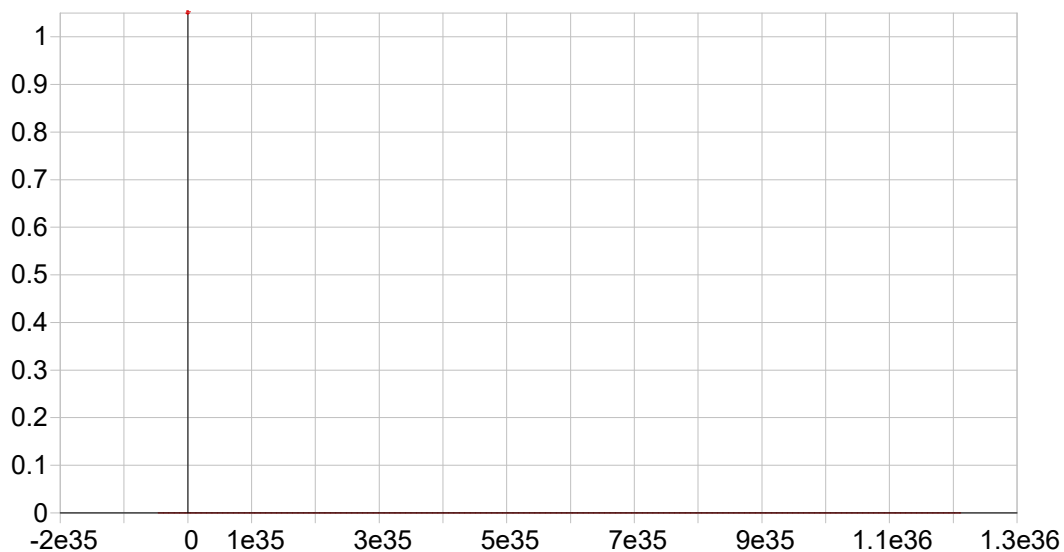
Date of Fit: 06/14/2024 3:15:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006901 Re-Slope: 1.000000  
 A1 (Gain): 0.698223 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998473 Status: OK.  
 Std Error of Est: 0.000793  
 Predicted MDL: 0.003139  
 Predicted MQL: 0.010464

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00691 | .002    | 1        |
| S5        | 10.000       | 10.249      | .249       | 2.49    | 7.1489  | .009    | 1        |
| S4        | 5.0000       | 5.0320      | .032       | .639    | 3.5065  | .010    | 1        |
| S3        | 2.5000       | 2.3914      | -.109      | -4.34   | 1.6628  | .002    | 1        |
| S2        | 1.2500       | 1.0616      | -.188      | -15.1   | .73435  | .002    | 1        |
| S1        | .01500       | .03141      | .016       | 109.    | .01503  | .002    | 1        |



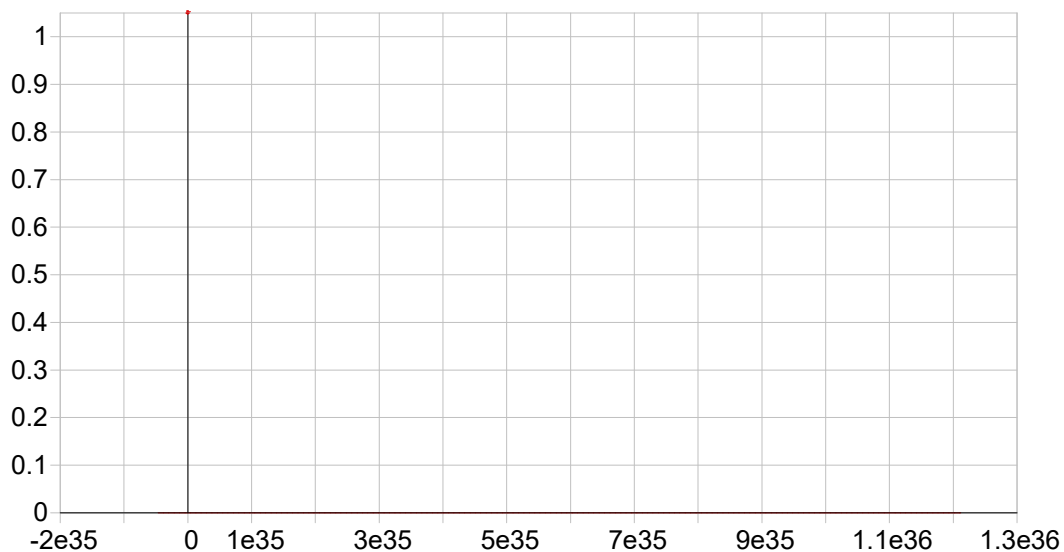




**Y 224.306 {150}\***

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

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



In 230.606 {446}<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   |        |

