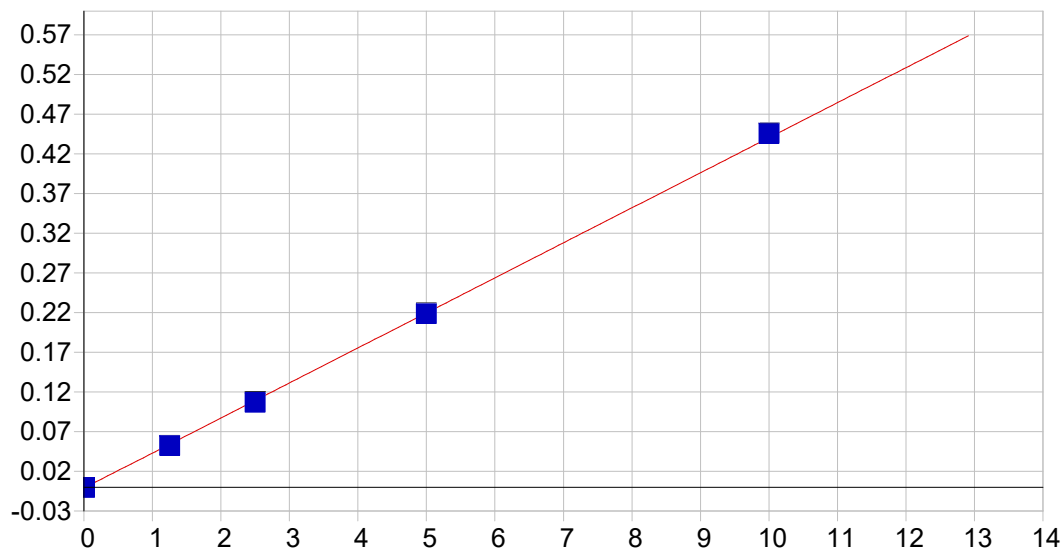




As 189.042 {479}

Date of Fit: 02/01/2022 14:05:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001132

Re-Slope: 1.000000

A1 (Gain): 0.044157

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999889

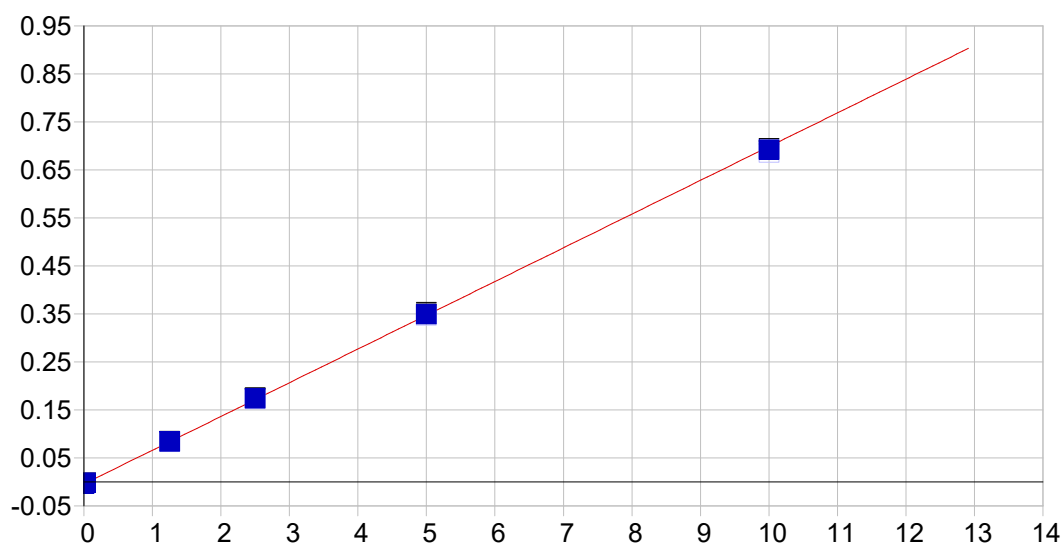
Status: OK.

Std Error of Est: 0.000011

Predicted MDL: 0.006645

Predicted MQL: 0.022151

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00113 | .000    | 1        |
| S1        | .01000       | .00876      | -.001      | -12.4   | -.00075 | .000    | 1        |
| S2        | 1.2500       | 1.2088      | -.041      | -3.30   | .05235  | .000    | 1        |
| S3        | 2.5000       | 2.4464      | -.054      | -2.15   | .10711  | .001    | 1        |
| S4        | 5.0000       | 4.9768      | -.023      | -.463   | .21908  | .001    | 1        |
| S5        | 10.000       | 10.119      | .119       | 1.19    | .44660  | .000    | 1        |

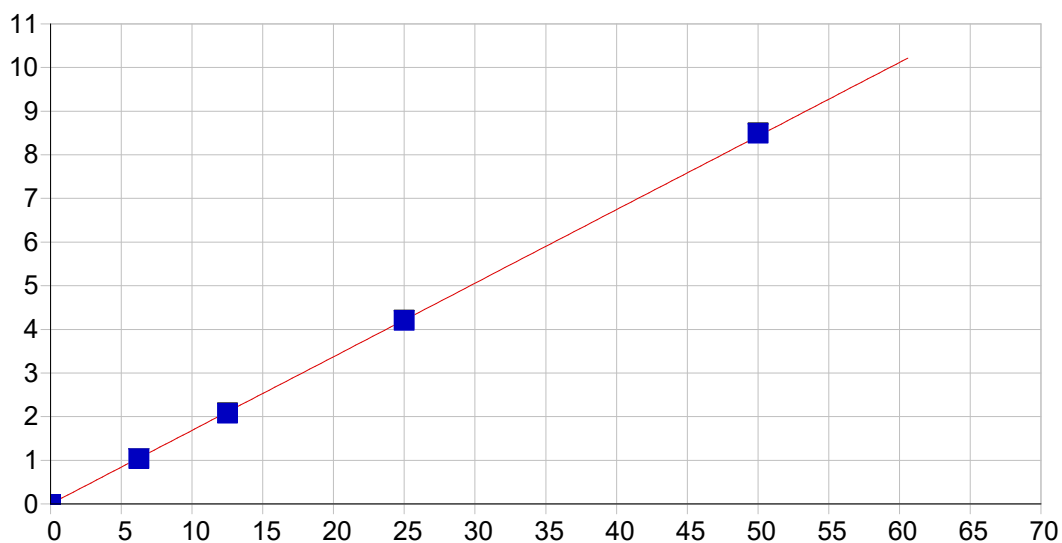


**TI 190.856 {477}**

Date of Fit: 02/01/2022 14:05:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004226 Re-Slope: 1.000000  
 A1 (Gain): 0.070271 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999916 Status: OK.  
 Std Error of Est: 0.000024  
 Predicted MDL: 0.003668  
 Predicted MQL: 0.012227

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00423 | .000    | 1        |
| S1        | .02500       | .03091      | .006       | 23.6    | -.00213 | .000    | 1        |
| S2        | 1.2500       | 1.2570      | .007       | .561    | .08331  | .001    | 1        |
| S3        | 2.5000       | 2.5397      | .040       | 1.59    | .17264  | .001    | 1        |
| S4        | 5.0000       | 5.0352      | .035       | .705    | .34640  | .004    | 1        |
| S5        | 10.000       | 9.9123      | -.088      | -8.77   | .68592  | .003    | 1        |

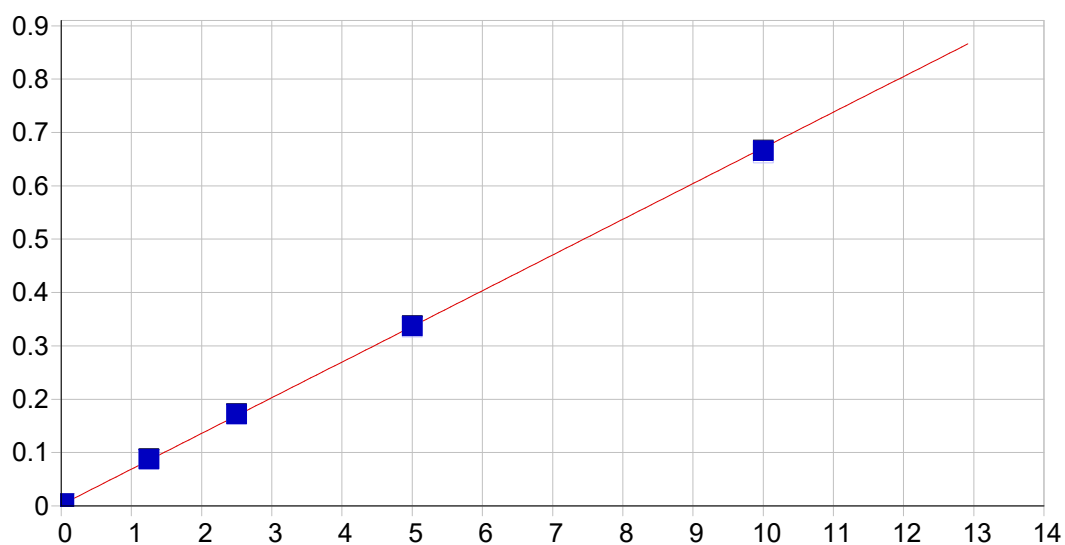


### Pb 220.353 {453}

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000349 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.168583 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999962 | Status:   | OK.      |
| Std Error of Est: | 0.000055 |           |          |
| Predicted MDL:    | 0.002715 |           |          |
| Predicted MQL:    | 0.009049 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00035 | .000    | 1        |
| S1        | .01000       | .01015      | .000       | 1.54    | .00206 | .000    | 1        |
| S2        | 6.2500       | 6.1459      | -.104      | -1.67   | 1.0364 | .002    | 1        |
| S3        | 12.500       | 12.320      | -.180      | -1.44   | 2.0772 | .003    | 1        |
| S4        | 25.000       | 24.926      | -.074      | -.296   | 4.2023 | .010    | 1        |
| S5        | 50.000       | 50.358      | .358       | .717    | 8.4896 | .010    | 1        |

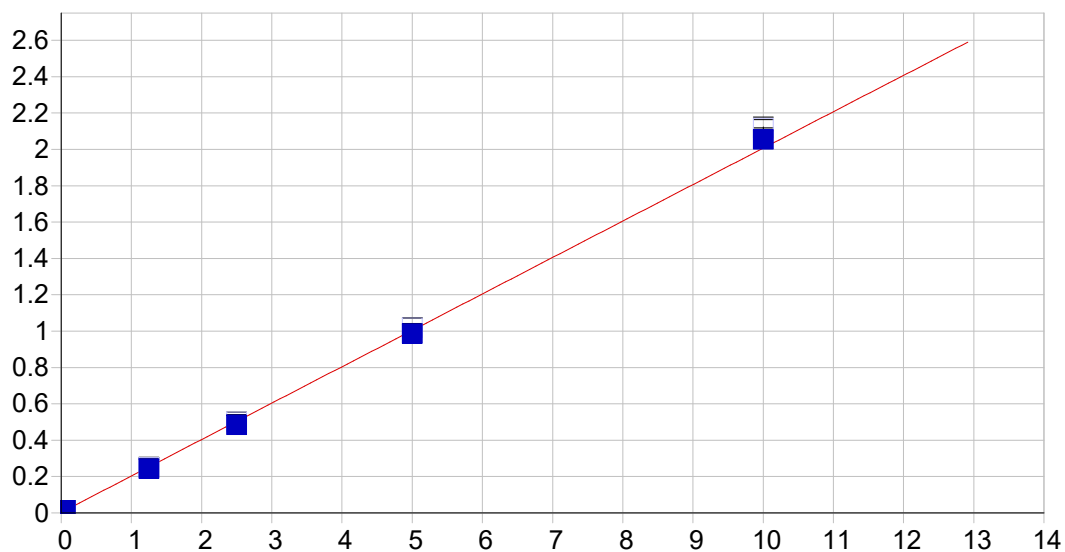


Se 196.090 {472}

Date of Fit: 02/01/2022 14:05:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002011 Re-Slope: 1.000000  
 A1 (Gain): 0.066907 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999932 Status: OK.  
 Std Error of Est: 0.000024  
 Predicted MDL: 0.004023  
 Predicted MQL: 0.013411

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00201 | .000    | 1        |
| S1        | .03500       | .03133      | -.004      | -10.5   | .00411 | .000    | 1        |
| S2        | 1.2500       | 1.2783      | .028       | 2.26    | .08693 | .000    | 1        |
| S3        | 2.5000       | 2.5452      | .045       | 1.81    | .17109 | .001    | 1        |
| S4        | 5.0000       | 5.0107      | .011       | .214    | .33484 | .001    | 1        |
| S5        | 10.000       | 9.9195      | -.081      | -.805   | .66085 | .002    | 1        |

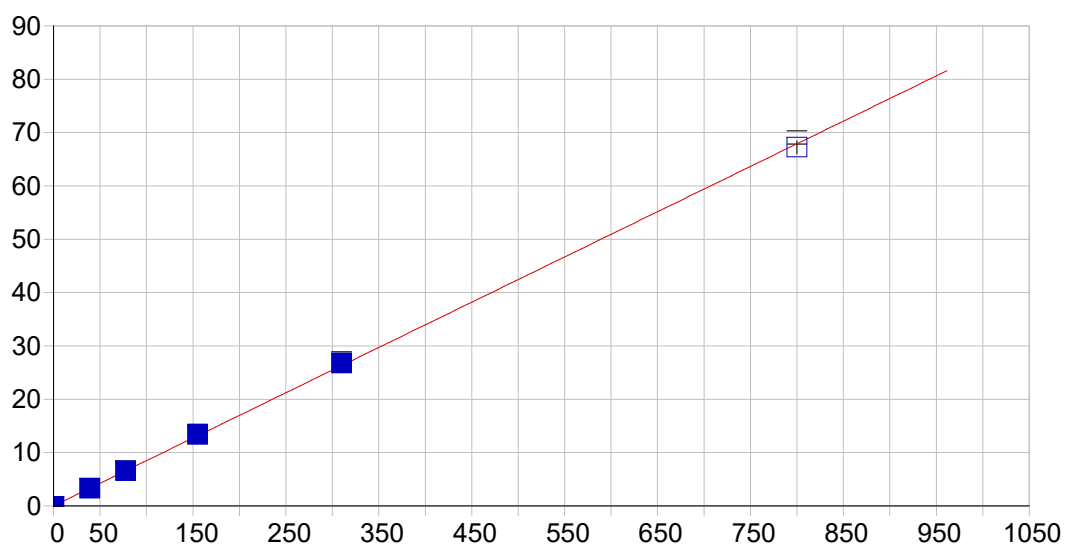


**Sb 206.833 {463}**

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.002644 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.200383 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999653 | Status:   | OK.      |
| Std Error of Est: | 0.000224 |           |          |
| Predicted MDL:    | 0.002021 |           |          |
| Predicted MQL:    | 0.006737 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00265 | .000    | 1        |
| S1        | .06000       | .05554      | -.004      | -7.43   | .01377 | .001    | 1        |
| S2        | 1.2500       | 1.1969      | -.053      | -4.25   | .25013 | .001    | 1        |
| S3        | 2.5000       | 2.4036      | -.096      | -3.86   | .49958 | .001    | 1        |
| S4        | 5.0000       | 4.9100      | -.090      | -1.80   | 1.0171 | .002    | 1        |
| S5        | 10.000       | 10.244      | .244       | 2.44    | 2.1165 | .007    | 1        |

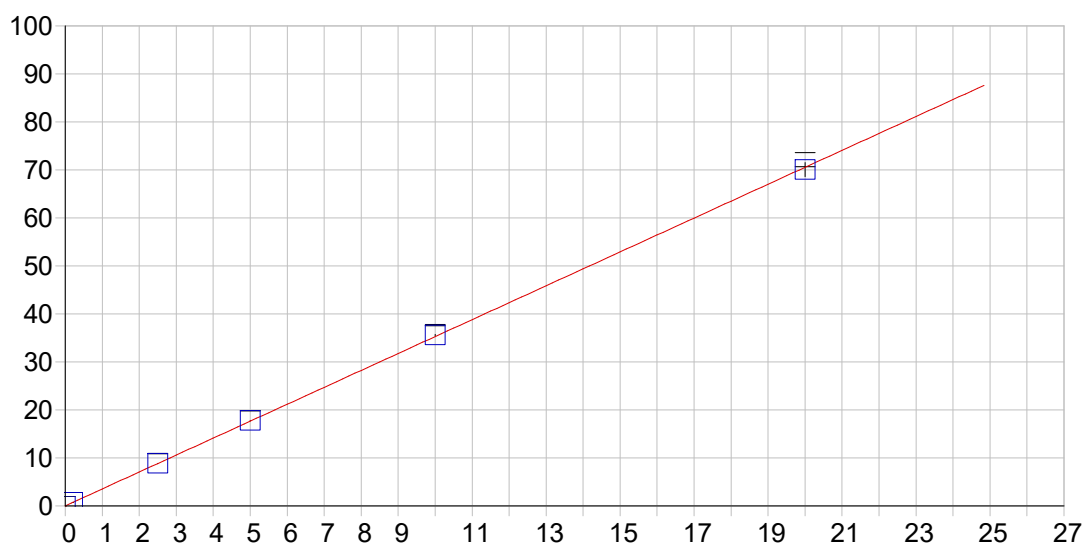


AI 396.152 { 85}

Date of Fit: 02/01/2022 14:05:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000886 Re-Slope: 1.000000  
 A1 (Gain): 0.084869 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999926 Status: OK.  
 Std Error of Est: 0.000642  
 Predicted MDL: 0.011373  
 Predicted MQL: 0.037910

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00089 | .001    | 1        |
| S1        | .20000       | .19727      | -.003      | -1.36   | .01766 | .000    | 1        |
| S2        | 38.750       | 38.627      | -.123      | -.317   | 3.2826 | .018    | 1        |
| S3        | 77.500       | 77.417      | -.083      | -.107   | 6.5781 | .048    | 1        |
| S4        | 155.00       | 157.41      | 2.41       | 1.56    | 13.374 | .078    | 1        |
| S5        | 310.00       | 315.40      | 5.40       | 1.74    | 26.796 | .207    | 1        |
| S6        | 800.00       | 792.39      | -7.61      | -.951   | 67.250 | 1.23    | 1        |

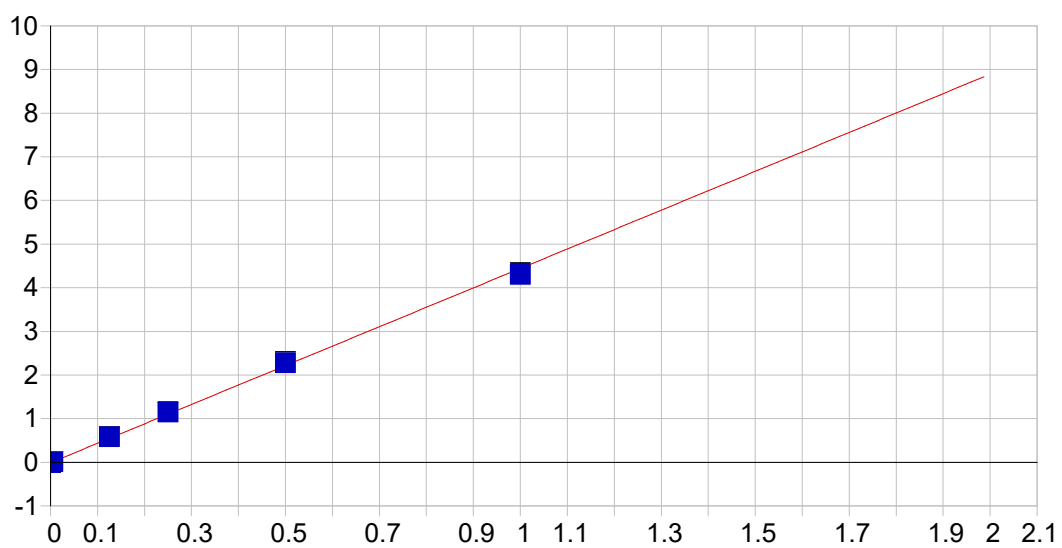


**Ba 493.409 { 68}**

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.012516 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.526708 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999974 | Status:   | OK.      |
| Std Error of Est: | 0.002722 |           |          |
| Predicted MDL:    | 0.000572 |           |          |
| Predicted MQL:    | 0.001907 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .01251 | .001    | 1        |
| S1        | .20000       | .20081      | .001       | .403    | .72070 | .004    | 1        |
| S2        | 2.5000       | 2.5021      | .002       | .082    | 8.8365 | .019    | 1        |
| S3        | 5.0000       | 5.0350      | .035       | .700    | 17.770 | .062    | 1        |
| S4        | 10.000       | 10.094      | .094       | .935    | 35.609 | .115    | 1        |
| S5        | 20.000       | 19.869      | -.131      | -.657   | 70.083 | 1.47    | 1        |



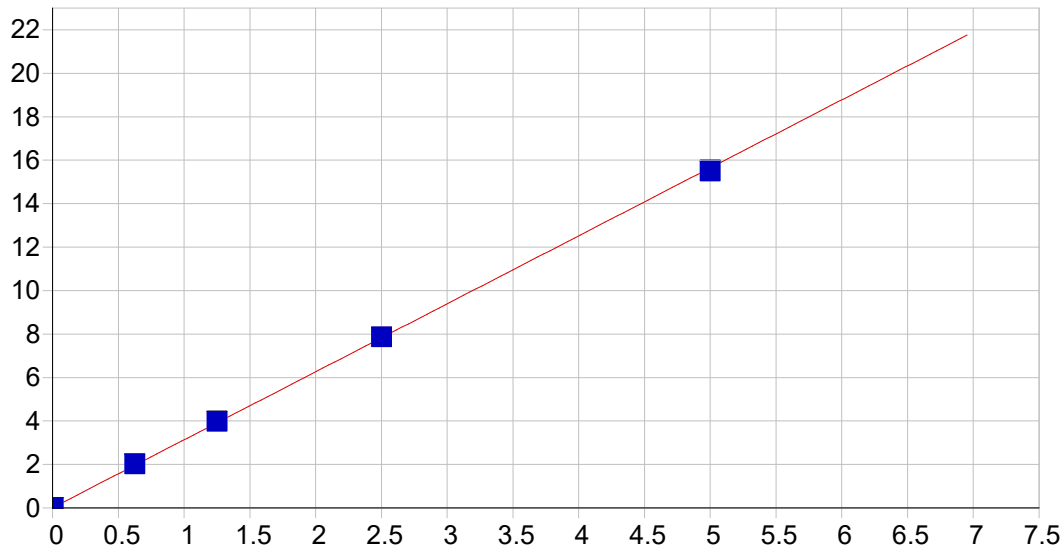
### Be 234.861 {144}

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.010030 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 4.451838  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999386  | Status:   | OK.      |
| Std Error of Est: | 0.000584  |           |          |
| Predicted MDL:    | 0.000099  |           |          |
| Predicted MQL:    | 0.000329  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.01003 | .000    | 1        |
| S1        | .00500       | .00557      | .001       | 11.4    | .01476  | .001    | 1        |
| S2        | .12500       | .13269      | .008       | 6.15    | .57926  | .006    | 1        |
| S3        | .25000       | .26002      | .010       | 4.01    | 1.1447  | .006    | 1        |
| S4        | .50000       | .51335      | .013       | 2.67    | 2.2696  | .029    | 1        |
| S5        | 1.0000       | .96836      | -.032      | -3.16   | 4.2895  | .042    | 1        |



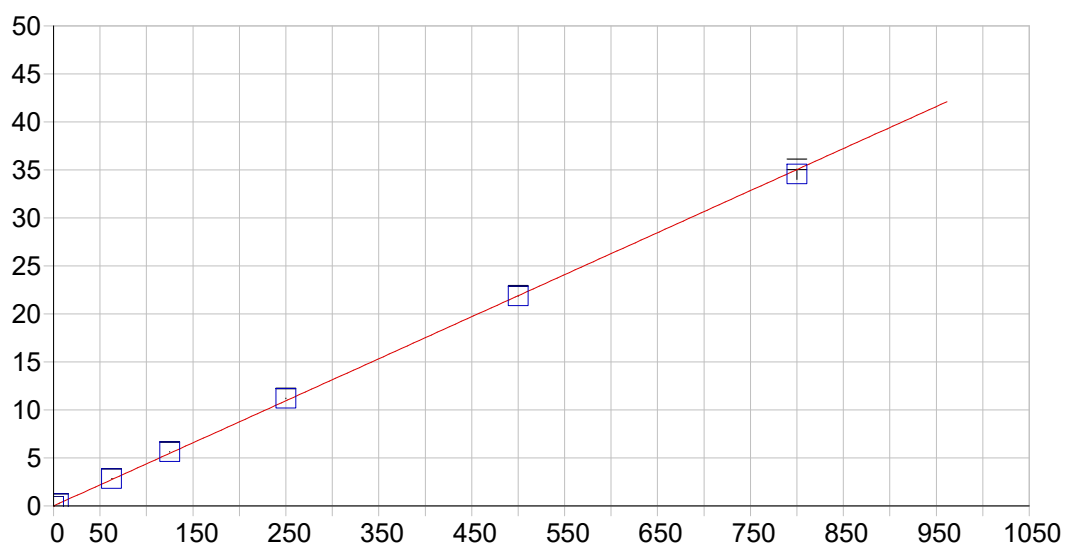


**Cd 214.438 {457}**

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.005339 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.128541 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999924 | Status:   | OK.      |
| Std Error of Est: | 0.000323 |           |          |
| Predicted MDL:    | 0.000125 |           |          |
| Predicted MQL:    | 0.000418 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00534 | .000    | 1        |
| S1        | .00500       | .00528      | .000       | 5.53    | .02186 | .000    | 1        |
| S2        | .62500       | .64336      | .018       | 2.94    | 2.0220 | .004    | 1        |
| S3        | 1.2500       | 1.2710      | .021       | 1.68    | 3.9894 | .001    | 1        |
| S4        | 2.5000       | 2.5094      | .009       | .377    | 7.8717 | .005    | 1        |
| S5        | 5.0000       | 4.9510      | -.049      | -.981   | 15.525 | .025    | 1        |

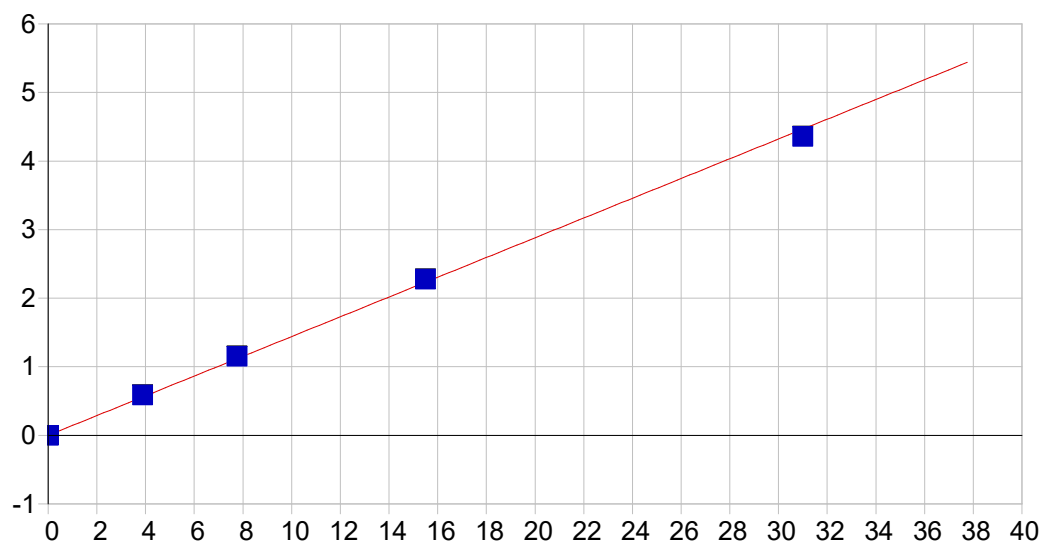


Ca 373.690 { 90}

Date of Fit: 02/01/2022 14:05:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002366 Re-Slope: 1.000000  
 A1 (Gain): 0.043791 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999872 Status: OK.  
 Std Error of Est: 0.002444  
 Predicted MDL: 0.016428  
 Predicted MQL: 0.054761

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00059     | -.001      | .000    | .00234 | .000    | 1        |
| S1        | 5.0000       | 5.2467      | .247       | 4.93    | .23212 | .001    | 1        |
| S2        | 62.500       | 64.548      | 2.05       | 3.28    | 2.8290 | .004    | 1        |
| S3        | 125.00       | 128.39      | 3.39       | 2.71    | 5.6246 | .030    | 1        |
| S4        | 250.00       | 255.59      | 5.59       | 2.24    | 11.195 | .027    | 1        |
| S5        | 500.00       | 499.64      | -.359      | -.072   | 21.882 | .037    | 1        |
| S6        | 800.00       | 789.08      | -10.9      | -1.36   | 34.557 | .548    | 1        |

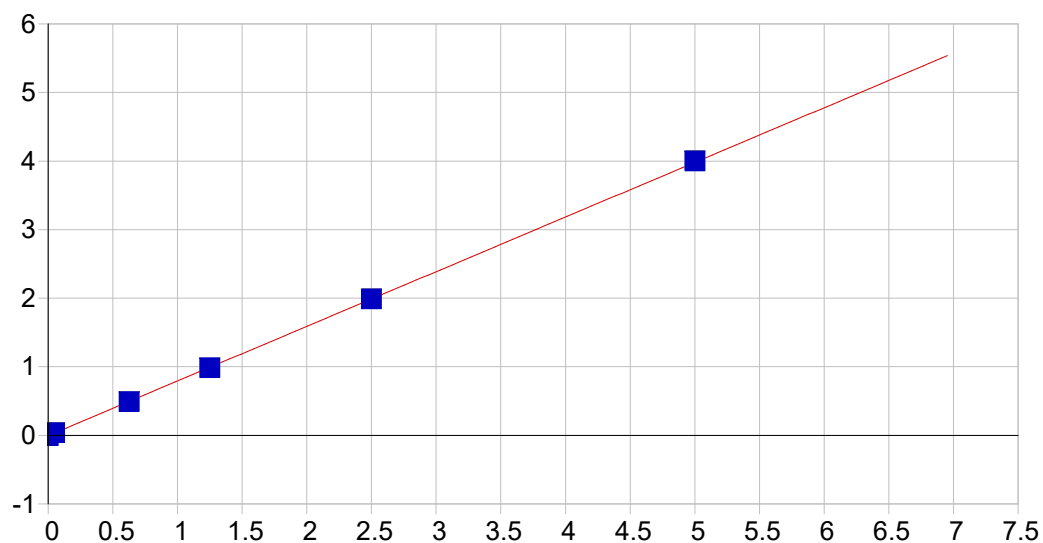


### Cr 267.716 {126}

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.000019      Re-Slope: 1.000000  
 A1 (Gain): 0.144058      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999634      Status: OK.  
 Std Error of Est: 0.000115  
 Predicted MDL: 0.000608  
 Predicted MQL: 0.002028

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00002 | .000    | 1        |
| S1        | .01000       | .00965      | -.000      | -3.52   | .00141 | .000    | 1        |
| S2        | 3.8750       | 4.0798      | .205       | 5.28    | .58790 | .002    | 1        |
| S3        | 7.7500       | 8.0058      | .256       | 3.30    | 1.1536 | .004    | 1        |
| S4        | 15.500       | 15.788      | .288       | 1.86    | 2.2750 | .005    | 1        |
| S5        | 31.000       | 30.252      | -.748      | -2.41   | 4.3594 | .004    | 1        |

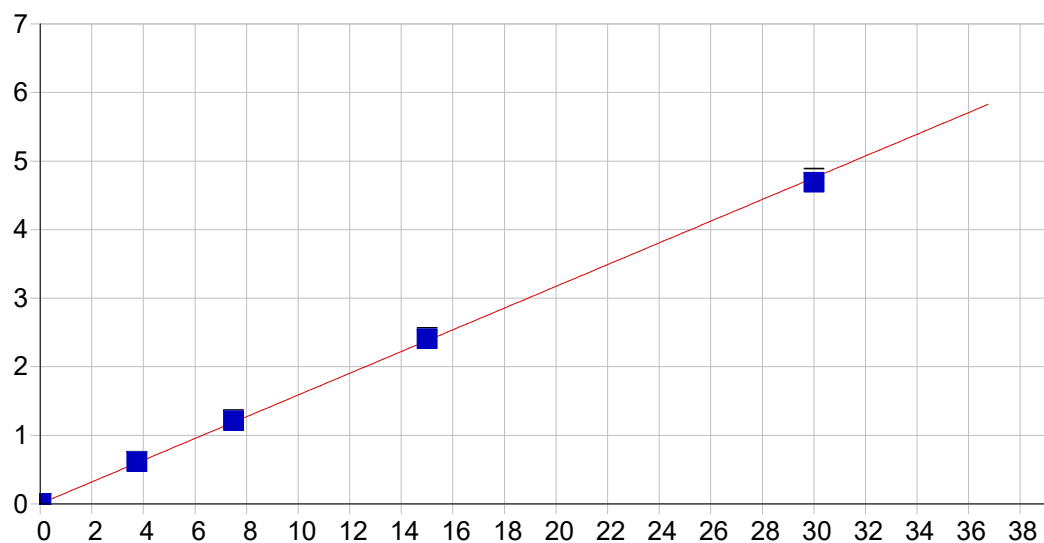


**Co 228.616 {448}**

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.003766 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.796856  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999987  | Status:   | OK.      |
| Std Error of Est: | 0.000109  |           |          |
| Predicted MDL:    | 0.000399  |           |          |
| Predicted MQL:    | 0.001331  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00377 | .000    | 1        |
| S1        | .05000       | .04990      | -.000      | -.203   | .03613  | .000    | 1        |
| S2        | .62500       | .61752      | -.007      | -1.20   | .48906  | .001    | 1        |
| S3        | 1.2500       | 1.2400      | -.010      | -.801   | .98581  | .002    | 1        |
| S4        | 2.5000       | 2.4981      | -.002      | -.077   | 1.9898  | .002    | 1        |
| S5        | 5.0000       | 5.0195      | .020       | .390    | 4.0020  | .006    | 1        |

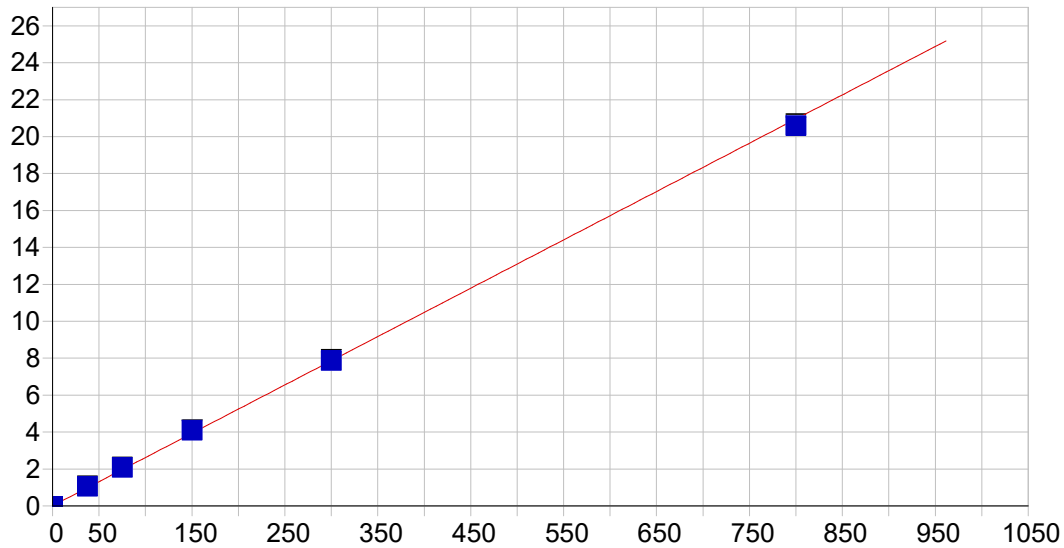


**Cu 324.754 {104}**

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.003846 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.158436 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999882 | Status:   | OK.      |
| Std Error of Est: | 0.000112 |           |          |
| Predicted MDL:    | 0.003180 |           |          |
| Predicted MQL:    | 0.010601 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00385 | .000    | 1        |
| S1        | .02500       | .02490      | -.000      | -.416   | .00778 | .000    | 1        |
| S2        | 3.7500       | 3.8651      | .115       | 3.07    | .61542 | .005    | 1        |
| S3        | 7.5000       | 7.6322      | .132       | 1.76    | 1.2115 | .012    | 1        |
| S4        | 15.000       | 15.163      | .163       | 1.09    | 2.4030 | .018    | 1        |
| S5        | 30.000       | 29.590      | -.410      | -1.37   | 4.6855 | .057    | 1        |

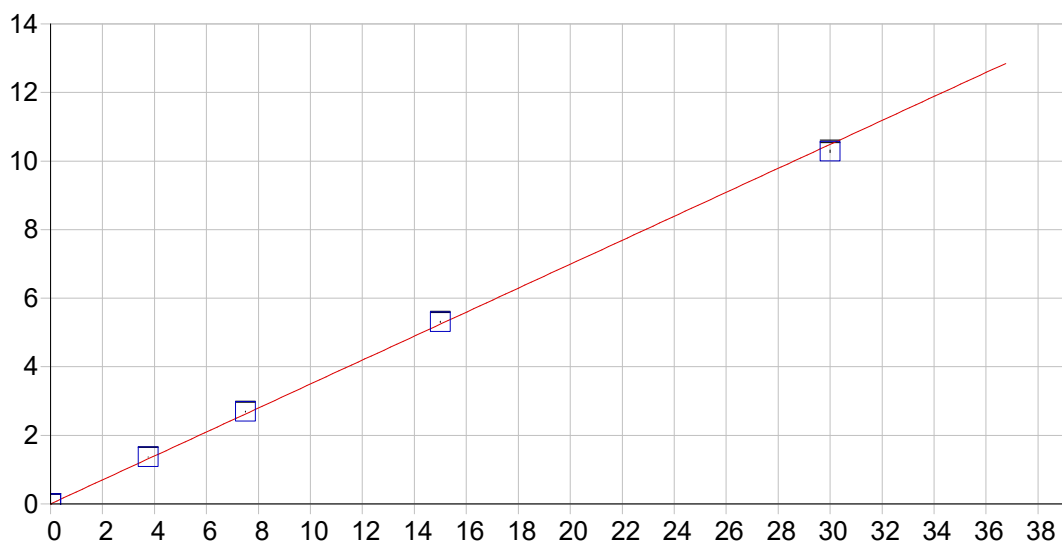


### Fe 259.837 {130}

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.003563      Re-Slope: 1.000000  
 A1 (Gain): 0.026188      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999635      Status: OK.  
 Std Error of Est: 0.000309  
 Predicted MDL: 0.009941  
 Predicted MQL: 0.033136

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00356 | .000    | 1        |
| S1        | .10000       | .09599      | -.004      | -4.01   | .00609 | .000    | 1        |
| S2        | 37.500       | 40.471      | 2.97       | 7.92    | 1.0646 | .008    | 1        |
| S3        | 75.000       | 79.469      | 4.47       | 5.96    | 2.0870 | .014    | 1        |
| S4        | 150.00       | 156.23      | 6.23       | 4.15    | 4.0995 | .024    | 1        |
| S5        | 300.00       | 300.07      | .070       | .023    | 7.8711 | .060    | 1        |
| S6        | 800.00       | 786.26      | -13.7      | -1.72   | 20.609 | .084    | 1        |

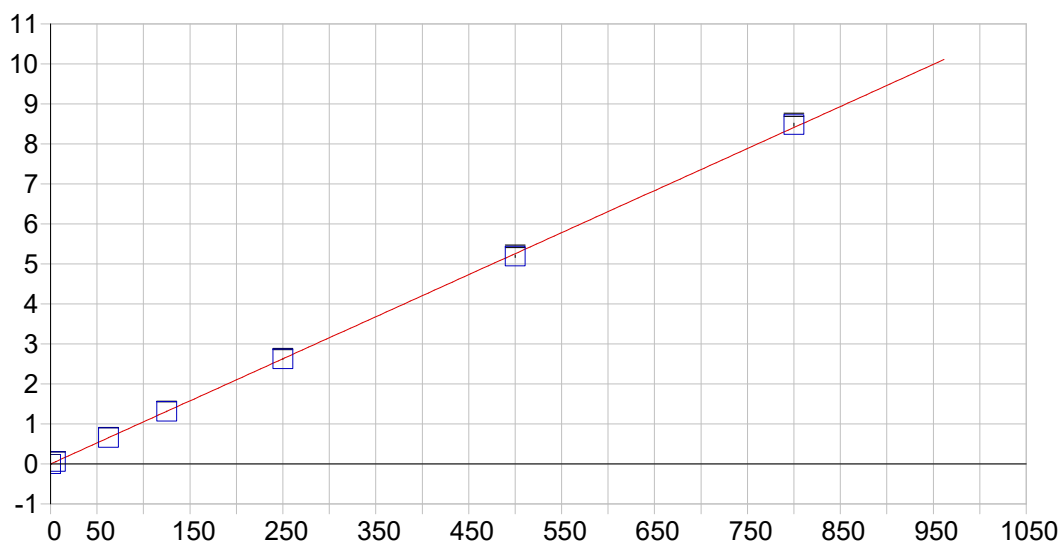


### Mn 257.610 {131}

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001036 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.349496 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999763 | Status:   | OK.      |
| Std Error of Est: | 0.000271 |           |          |
| Predicted MDL:    | 0.000661 |           |          |
| Predicted MQL:    | 0.002203 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00103 | .000    | 1        |
| S1        | .01500       | .01662      | .002       | 10.8    | .00684 | .000    | 1        |
| S2        | 3.7500       | 3.9117      | .162       | 4.31    | 1.3682 | .007    | 1        |
| S3        | 7.5000       | 7.7127      | .213       | 2.84    | 2.6966 | .014    | 1        |
| S4        | 15.000       | 15.197      | .197       | 1.32    | 5.3124 | .020    | 1        |
| S5        | 30.000       | 29.427      | -.573      | -1.91   | 10.286 | .040    | 1        |



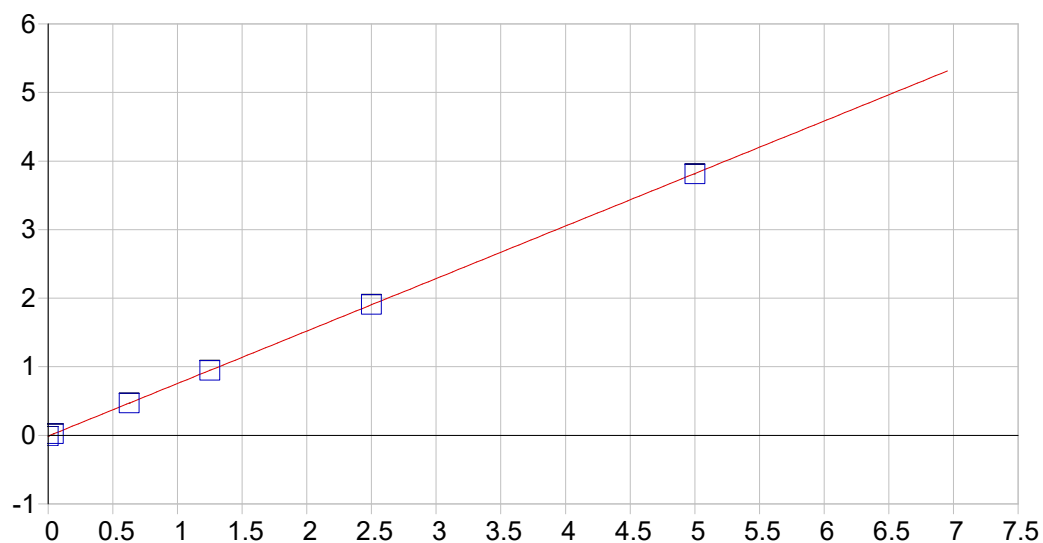
### Mg 279.079 {121}

Date of Fit: 02/01/2022 14:05:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000439 Re-Slope: 1.000000  
 A1 (Gain): 0.010513 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999957 Status: OK.  
 Std Error of Est: 0.000340  
 Predicted MDL: 0.030475  
 Predicted MQL: 0.101583

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00022     | -.000      | .000    | -.00044 | .000    | 1        |
| S1        | 5.0000       | 5.2585      | .258       | 5.17    | .05484  | .001    | 1        |
| S2        | 62.500       | 62.574      | .074       | .119    | .65741  | .004    | 1        |
| S3        | 125.00       | 124.61      | -.387      | -.310   | 1.3096  | .009    | 1        |
| S4        | 250.00       | 249.79      | -.210      | -.084   | 2.6256  | .017    | 1        |
| S5        | 500.00       | 493.67      | -6.33      | -1.27   | 5.1895  | .031    | 1        |
| S6        | 800.00       | 806.60      | 6.60       | .825    | 8.4794  | .037    | 1        |



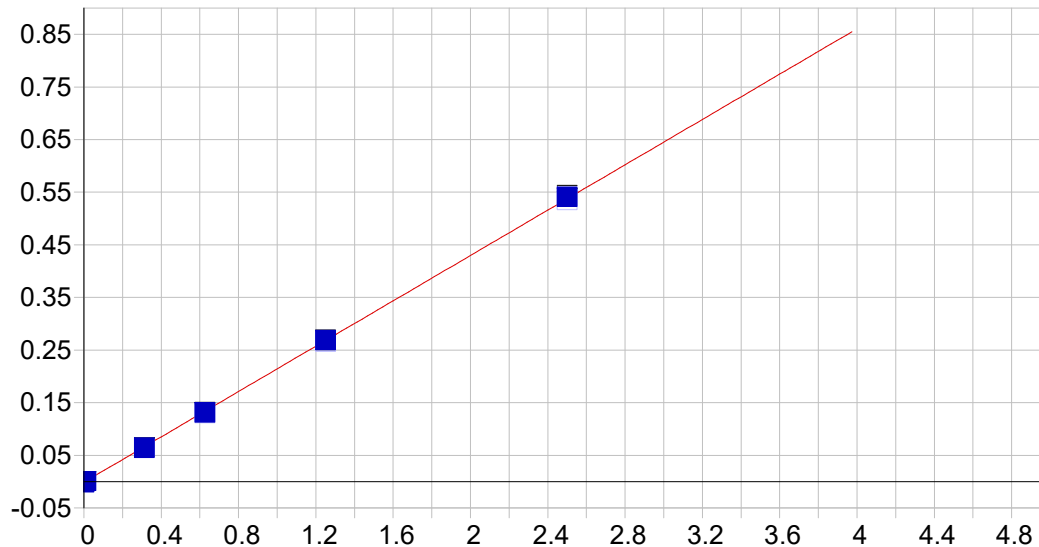


### Ni 231.604 {446}

Date of Fit: 02/01/2022 14:05:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.010094 Re-Slope: 1.000000  
 A1 (Gain): 0.765625 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999992 Status: OK.  
 Std Error of Est: 0.000074  
 Predicted MDL: 0.000565  
 Predicted MQL: 0.001884

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.01010 | .000    | 1        |
| S1        | .04000       | .04226      | .002       | 5.65    | .02226  | .000    | 1        |
| S2        | .62500       | .62598      | .001       | .157    | .46917  | .001    | 1        |
| S3        | 1.2500       | 1.2502      | .000       | .016    | .94709  | .003    | 1        |
| S4        | 2.5000       | 2.5051      | .005       | .205    | 1.9079  | .002    | 1        |
| S5        | 5.0000       | 4.9914      | -.009      | -.172   | 3.8115  | .005    | 1        |

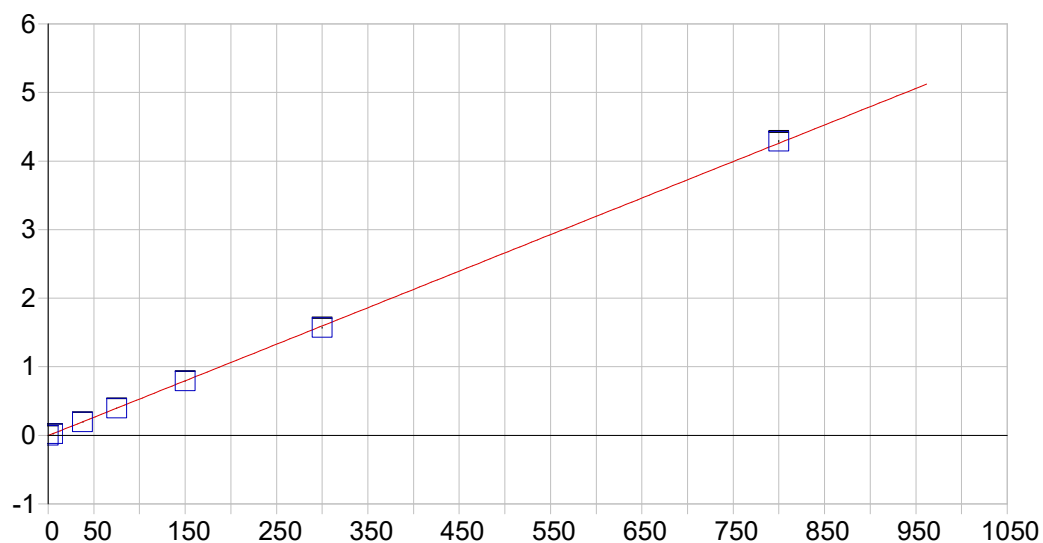


**Ag 328.068 {103}**

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001132 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.215449  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999948  | Status:   | OK.      |
| Std Error of Est: | 0.000018  |           |          |
| Predicted MDL:    | 0.000626  |           |          |
| Predicted MQL:    | 0.002085  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00113 | .000    | 1        |
| S1        | .01000       | .00999      | -.000      | -.101   | .00101  | .000    | 1        |
| S2        | .31250       | .30457      | -.008      | -2.54   | .06377  | .000    | 1        |
| S3        | .62500       | .61469      | -.010      | -1.65   | .12987  | .001    | 1        |
| S4        | 1.2500       | 1.2518      | .002       | .148    | .26571  | .001    | 1        |
| S5        | 2.5000       | 2.5164      | .016       | .656    | .53529  | .003    | 1        |

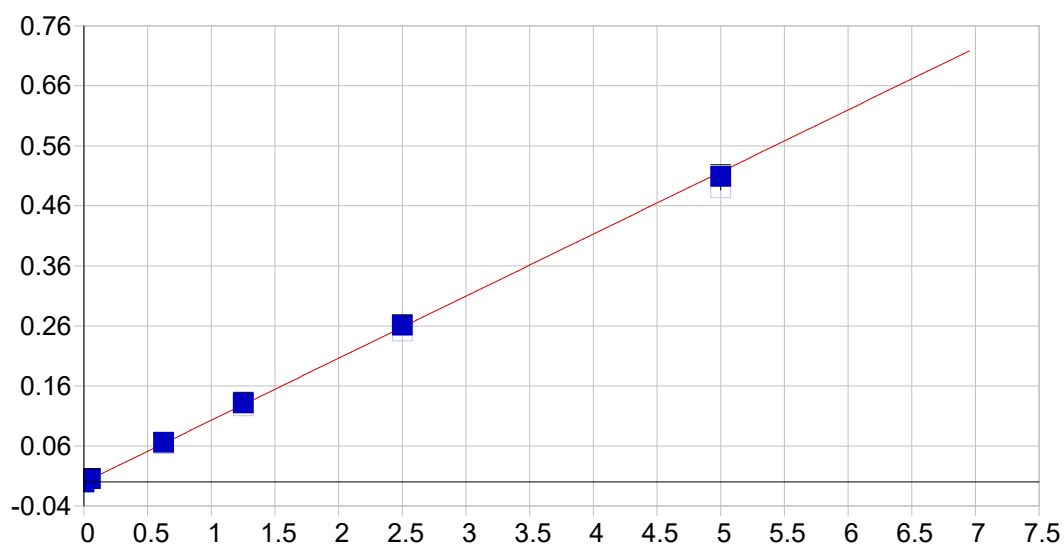


**Na 818.326 { 41}**

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.003663 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.005329  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999954  | Status:   | OK.      |
| Std Error of Est: | 0.000159  |           |          |
| Predicted MDL:    | 0.321042  |           |          |
| Predicted MQL:    | 1.070141  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00050      | .000       | .000    | -.00366 | .001    | 1        |
| S1        | 5.0000       | 4.6001      | -.400      | -8.00   | .02085  | .001    | 1        |
| S2        | 37.500       | 37.236      | -.264      | -.705   | .19478  | .002    | 1        |
| S3        | 75.000       | 74.759      | -.241      | -.321   | .39475  | .004    | 1        |
| S4        | 150.00       | 149.67      | -.325      | -.217   | .79400  | .005    | 1        |
| S5        | 300.00       | 295.90      | -4.10      | -1.37   | 1.5733  | .009    | 1        |
| S6        | 800.00       | 805.33      | 5.33       | .667    | 4.2882  | .014    | 1        |

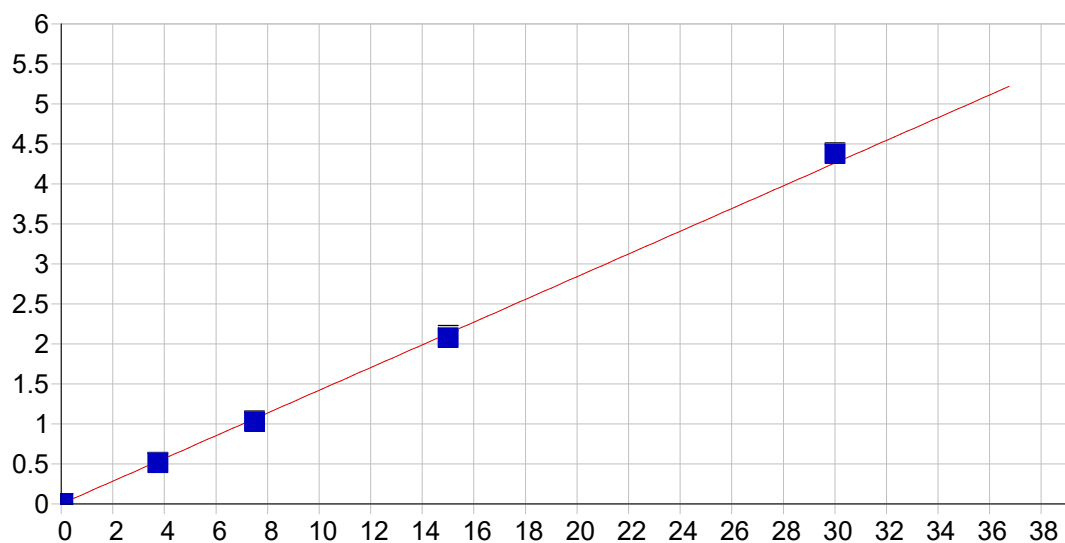


**V 292.402 {115}**

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000763 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.103461  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999839  | Status:   | OK.      |
| Std Error of Est: | 0.000048  |           |          |
| Predicted MDL:    | 0.003626  |           |          |
| Predicted MQL:    | 0.012086  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00076 | .000    | 1        |
| S1        | .05000       | .05429      | .004       | 8.58    | .00484  | .000    | 1        |
| S2        | .62500       | .64266      | .018       | 2.83    | .06335  | .000    | 1        |
| S3        | 1.2500       | 1.2752      | .025       | 2.02    | .12641  | .001    | 1        |
| S4        | 2.5000       | 2.5279      | .028       | 1.11    | .25125  | .001    | 1        |
| S5        | 5.0000       | 4.9248      | -.075      | -1.50   | .48973  | .003    | 1        |

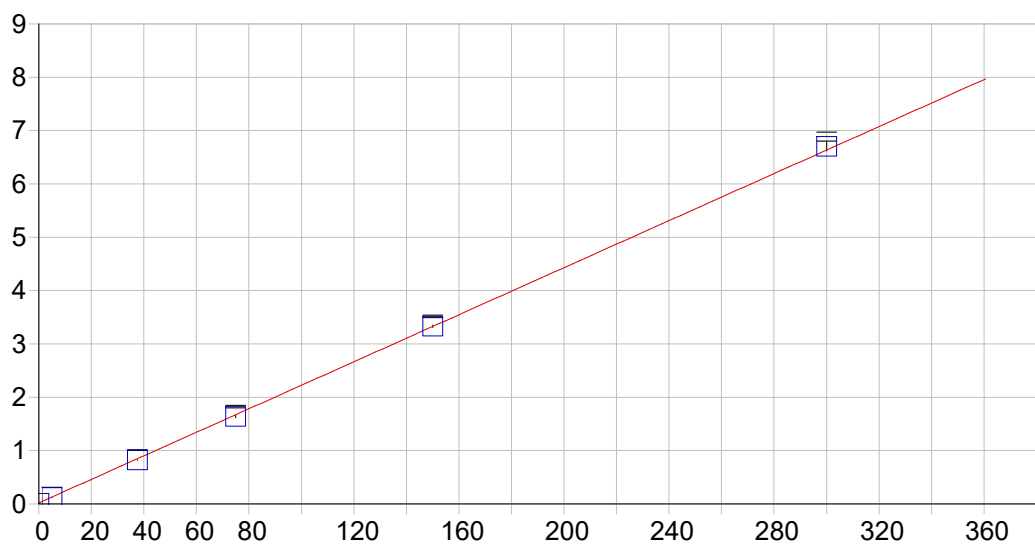


**Zn 213.856 {158}**

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.000587      Re-Slope: 1.000000  
 A1 (Gain): 0.141975      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999566      Status: OK.  
 Std Error of Est: 0.000298  
 Predicted MDL: 0.003700  
 Predicted MQL: 0.012332

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00059 | .000    | 1        |
| S1        | .06000       | .05286      | -.007      | -11.9   | .00812 | .001    | 1        |
| S2        | 3.7500       | 3.5967      | -.153      | -4.09   | .51165 | .009    | 1        |
| S3        | 7.5000       | 7.2241      | -.276      | -3.68   | 1.0271 | .009    | 1        |
| S4        | 15.000       | 14.621      | -.379      | -2.53   | 2.0781 | .029    | 1        |
| S5        | 30.000       | 30.815      | .815       | 2.72    | 4.3789 | .010    | 1        |

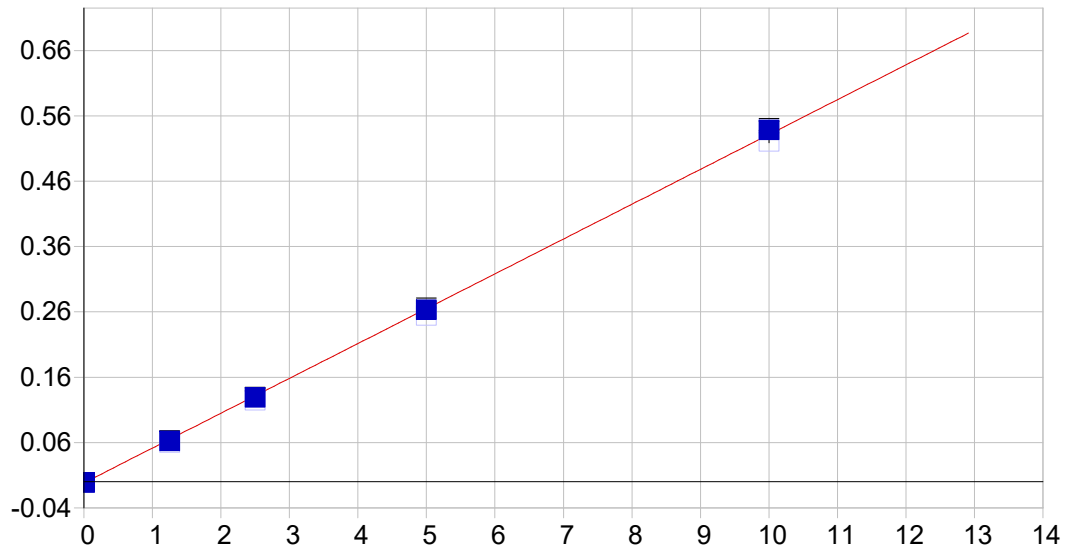


K 769.896 { 44 }

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.019345 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.022050 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999885 | Status:   | OK.      |
| Std Error of Est: | 0.000690 |           |          |
| Predicted MDL:    | 0.073812 |           |          |
| Predicted MQL:    | 0.246040 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00056      | .001       | .000    | .01936 | .000    | 1        |
| S1        | 5.0000       | 4.6521      | -.348      | -6.96   | .12192 | .002    | 1        |
| S2        | 37.500       | 36.273      | -1.23      | -3.27   | .81916 | .006    | 1        |
| S3        | 75.000       | 73.390      | -1.61      | -2.15   | 1.6376 | .024    | 1        |
| S4        | 150.00       | 150.11      | .111       | .074    | 3.3293 | .025    | 1        |
| S5        | 300.00       | 303.07      | 3.07       | 1.02    | 6.7021 | .083    | 1        |

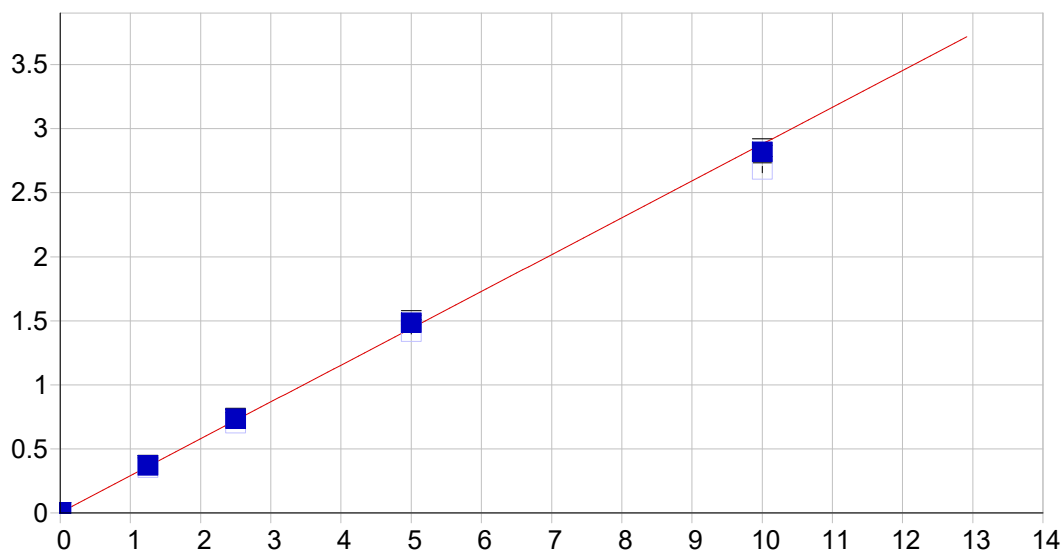


**P 177.495 {490}**

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001707 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.053315  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999855  | Status:   | OK.      |
| Std Error of Est: | 0.000015  |           |          |
| Predicted MDL:    | 0.003223  |           |          |
| Predicted MQL:    | 0.010745  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00171 | .000    | 1        |
| S1        | .01000       | .01098      | .001       | 9.80    | -.00113 | .000    | 1        |
| S2        | 1.2500       | 1.1998      | -.050      | -4.01   | .06004  | .001    | 1        |
| S3        | 2.5000       | 2.4498      | -.050      | -2.01   | .12446  | .001    | 1        |
| S4        | 5.0000       | 4.9669      | -.033      | -.662   | .25421  | .003    | 1        |
| S5        | 10.000       | 10.132      | .132       | 1.32    | .52072  | .002    | 1        |



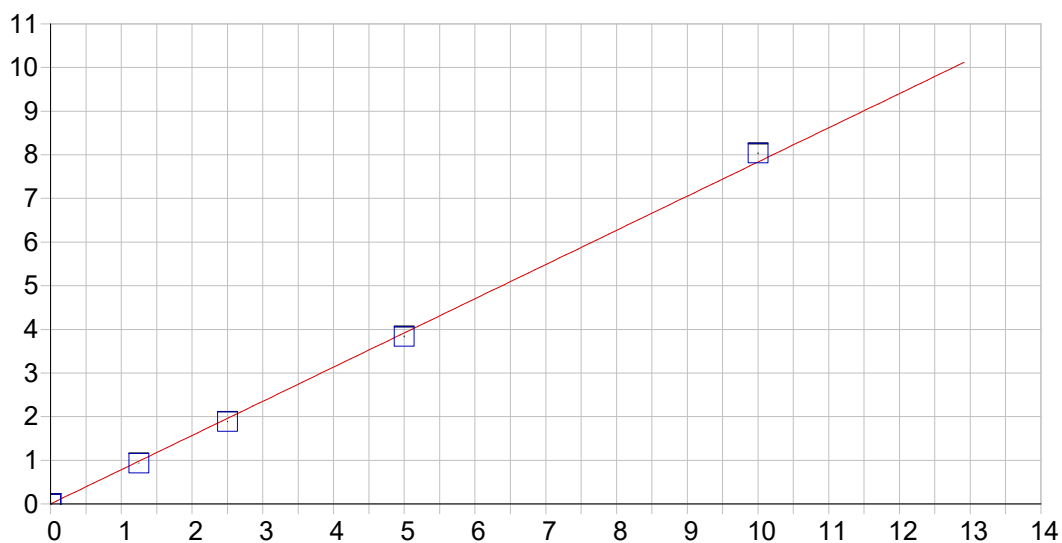
**B 249.678 {135}**

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.003559      Re-Slope: 1.000000  
 A1 (Gain): 0.287558      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999701      Status: OK.  
 Std Error of Est: 0.000112  
 Predicted MDL: 0.001332  
 Predicted MQL: 0.004439

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00356 | .000    | 1        |
| S1        | .01000       | .00854      | -.001      | -14.6   | .00600 | .000    | 1        |
| S2        | 1.2500       | 1.2739      | .024       | 1.91    | .35263 | .003    | 1        |
| S3        | 2.5000       | 2.5435      | .044       | 1.74    | .70049 | .006    | 1        |
| S4        | 5.0000       | 5.1458      | .146       | 2.92    | 1.4143 | .018    | 1        |
| S5        | 10.000       | 9.7884      | -.212      | -2.12   | 2.6804 | .026    | 1        |



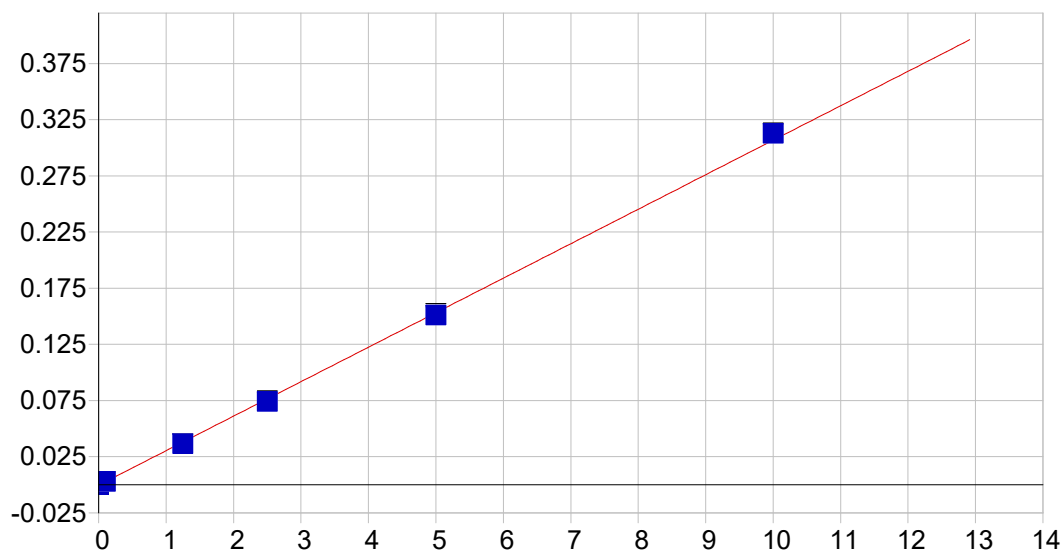


### Mo 202.030 {467}

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000677 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.783530 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999607 | Status:   | OK.      |
| Std Error of Est: | 0.000368 |           |          |
| Predicted MDL:    | 0.000462 |           |          |
| Predicted MQL:    | 0.001539 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00068 | .000    | 1        |
| S1        | .01000       | .01013      | .000       | 1.28    | .00861 | .000    | 1        |
| S2        | 1.2500       | 1.1922      | -.058      | -4.62   | .93482 | .002    | 1        |
| S3        | 2.5000       | 2.4070      | -.093      | -3.72   | 1.8866 | .002    | 1        |
| S4        | 5.0000       | 4.8963      | -.104      | -2.07   | 3.8371 | .010    | 1        |
| S5        | 10.000       | 10.254      | .254       | 2.54    | 8.0353 | .010    | 1        |

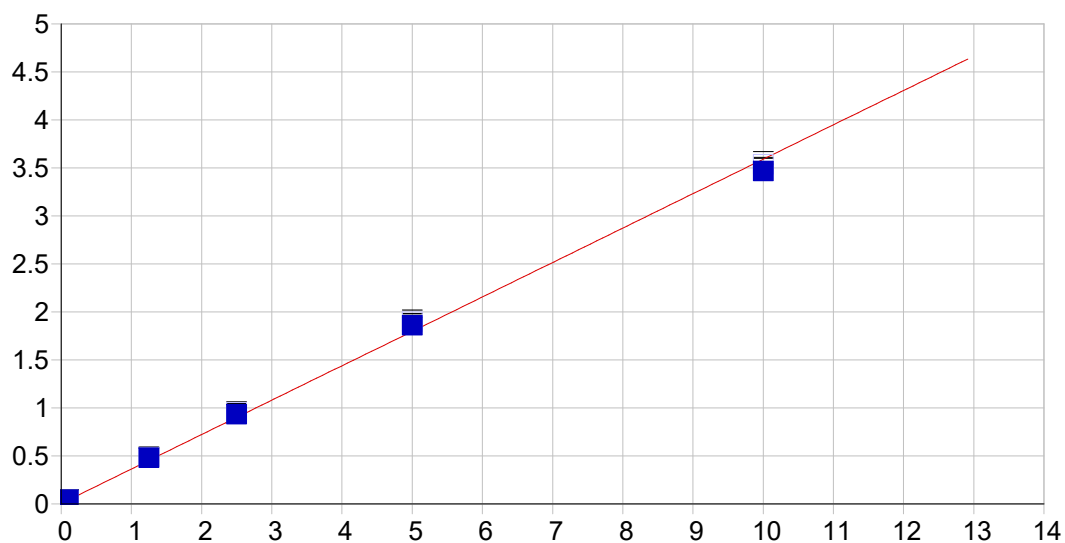


**S 182.034 {485}**

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): -0.000289      Re-Slope: 1.000000  
 A1 (Gain): 0.030705      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999750      Status: OK.  
 Std Error of Est: 0.000037  
 Predicted MDL: 0.006213  
 Predicted MQL: 0.020709

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00029 | .000    | 1        |
| S1        | .10000       | .10122      | .001       | 1.22    | .00282  | .000    | 1        |
| S2        | 1.2500       | 1.1975      | -.052      | -4.20   | .03648  | .000    | 1        |
| S3        | 2.5000       | 2.4251      | -.075      | -3.00   | .07416  | .001    | 1        |
| S4        | 5.0000       | 4.9278      | -.072      | -1.44   | .15100  | .001    | 1        |
| S5        | 10.000       | 10.198      | .198       | 1.98    | .31282  | .000    | 1        |

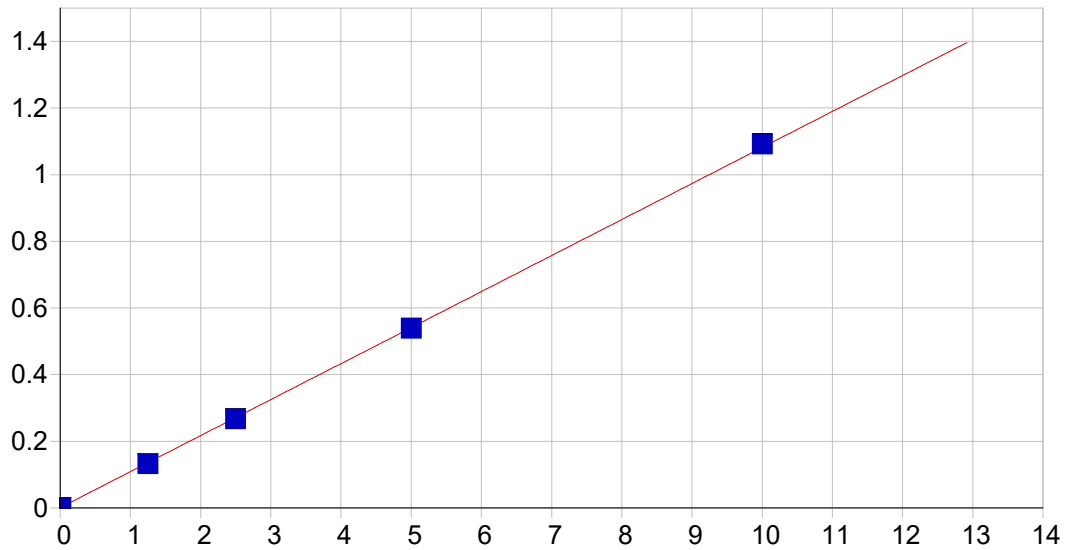


Si 251.611 {134}

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.005005 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.358483 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999351 | Status:   | OK.      |
| Std Error of Est: | 0.000700 |           |          |
| Predicted MDL:    | 0.001273 |           |          |
| Predicted MQL:    | 0.004244 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00500 | .001    | 1        |
| S1        | .10000       | .10365      | .004       | 3.65    | .04255 | .000    | 1        |
| S2        | 1.2500       | 1.3207      | .071       | 5.66    | .48721 | .004    | 1        |
| S3        | 2.5000       | 2.5921      | .092       | 3.68    | .95171 | .009    | 1        |
| S4        | 5.0000       | 5.1759      | .176       | 3.52    | 1.8954 | .020    | 1        |
| S5        | 10.000       | 9.6576      | -.342      | -3.42   | 3.5370 | .030    | 1        |

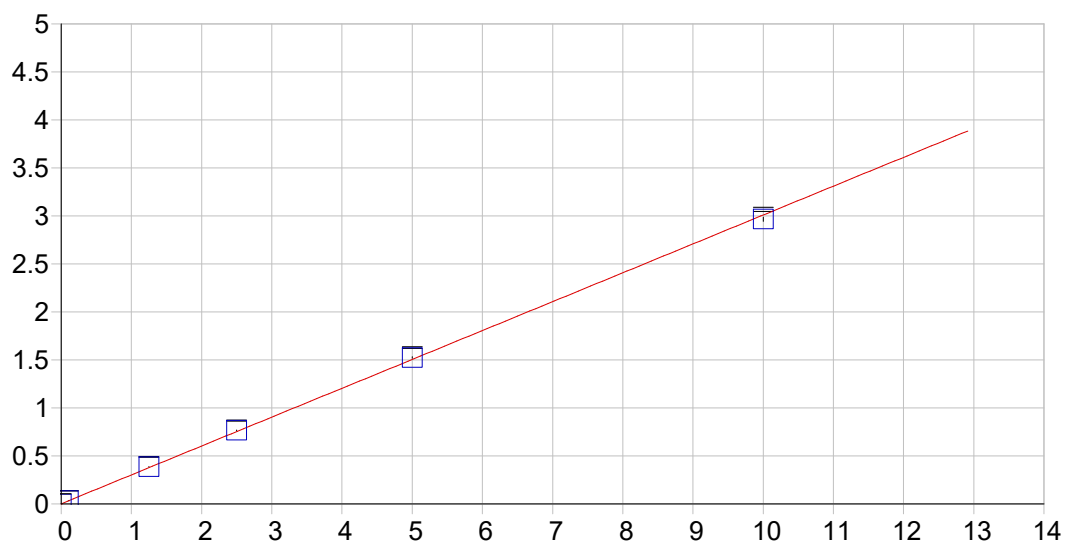


**Sn 189.989 {478}**

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000717 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.108084 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999928 | Status:   | OK.      |
| Std Error of Est: | 0.000018 |           |          |
| Predicted MDL:    | 0.001707 |           |          |
| Predicted MQL:    | 0.005690 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00072 | .000    | 1        |
| S1        | .00700       | .00563      | -.001      | -19.6   | .00130 | .000    | 1        |
| S2        | 1.2500       | 1.2156      | -.034      | -2.75   | .13174 | .001    | 1        |
| S3        | 2.5000       | 2.4648      | -.035      | -1.41   | .26639 | .000    | 1        |
| S4        | 5.0000       | 4.9780      | -.022      | -.441   | .53728 | .000    | 1        |
| S5        | 10.000       | 10.093      | .093       | .929    | 1.0887 | .002    | 1        |

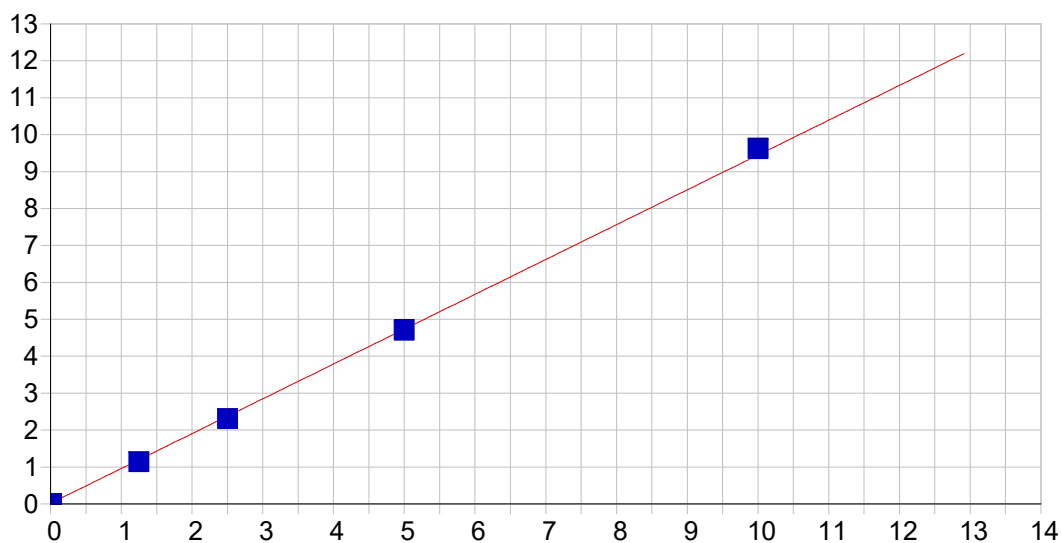


**Ti 336.121 {100}**

Date of Fit: 02/01/2022 14:05:48      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.001485      Re-Slope: 1.000000  
 A1 (Gain): 0.300735      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999874      Status: OK.  
 Std Error of Est: 0.000253  
 Predicted MDL: 0.001715  
 Predicted MQL: 0.005716

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00148 | .001    | 1        |
| S1        | .10000       | .10575      | .006       | 5.75    | .03329 | .000    | 1        |
| S2        | 1.2500       | 1.2798      | .030       | 2.38    | .38636 | .003    | 1        |
| S3        | 2.5000       | 2.5430      | .043       | 1.72    | .76624 | .005    | 1        |
| S4        | 5.0000       | 5.0660      | .066       | 1.32    | 1.5250 | .007    | 1        |
| S5        | 10.000       | 9.8555      | -.144      | -1.44   | 2.9654 | .022    | 1        |

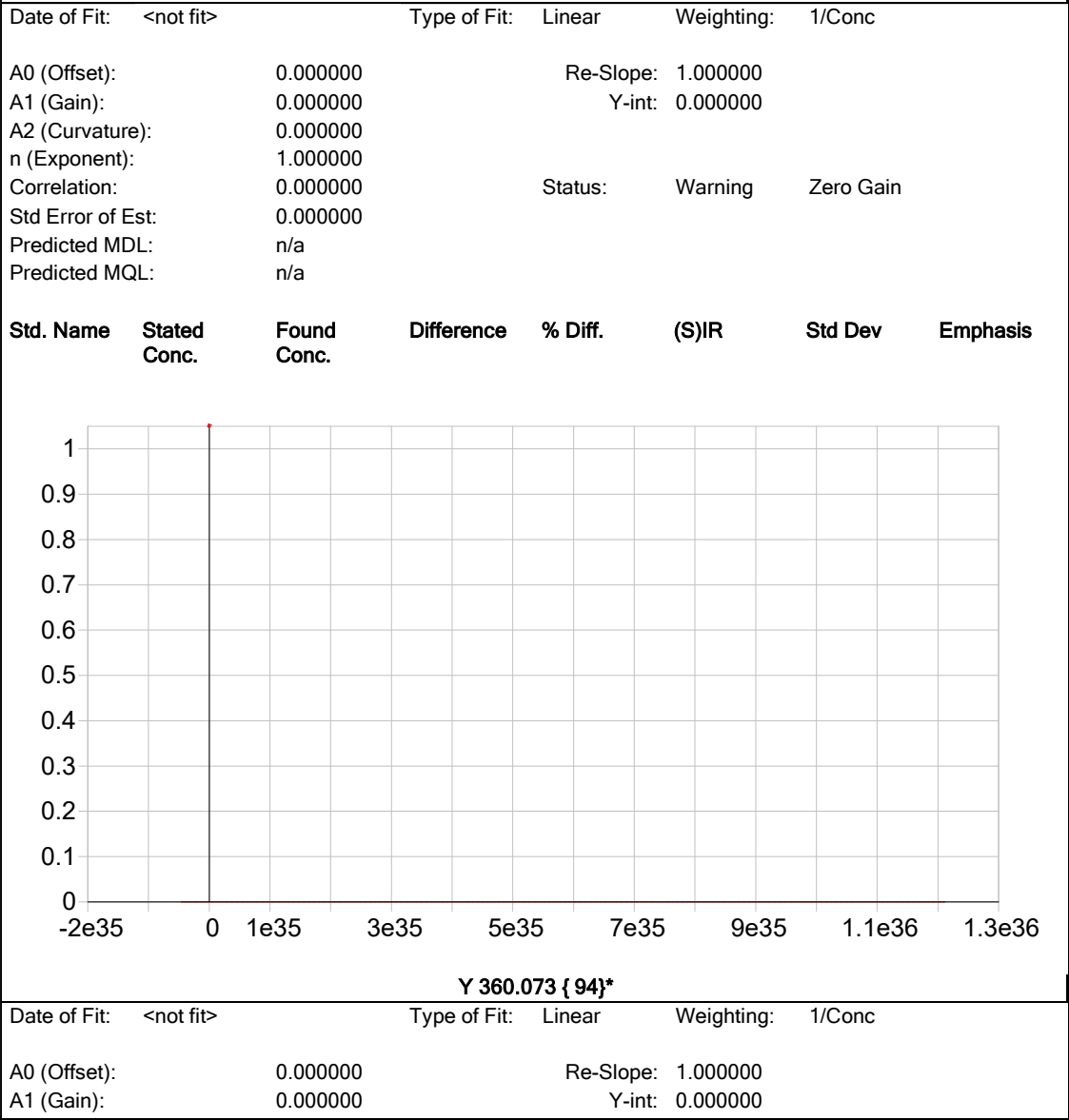
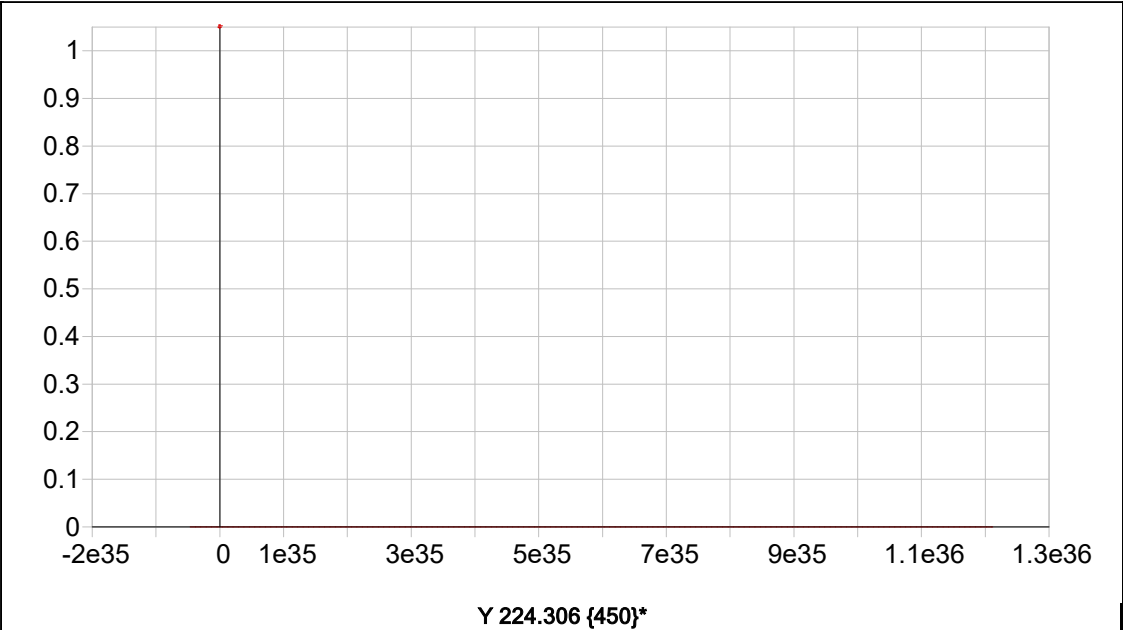


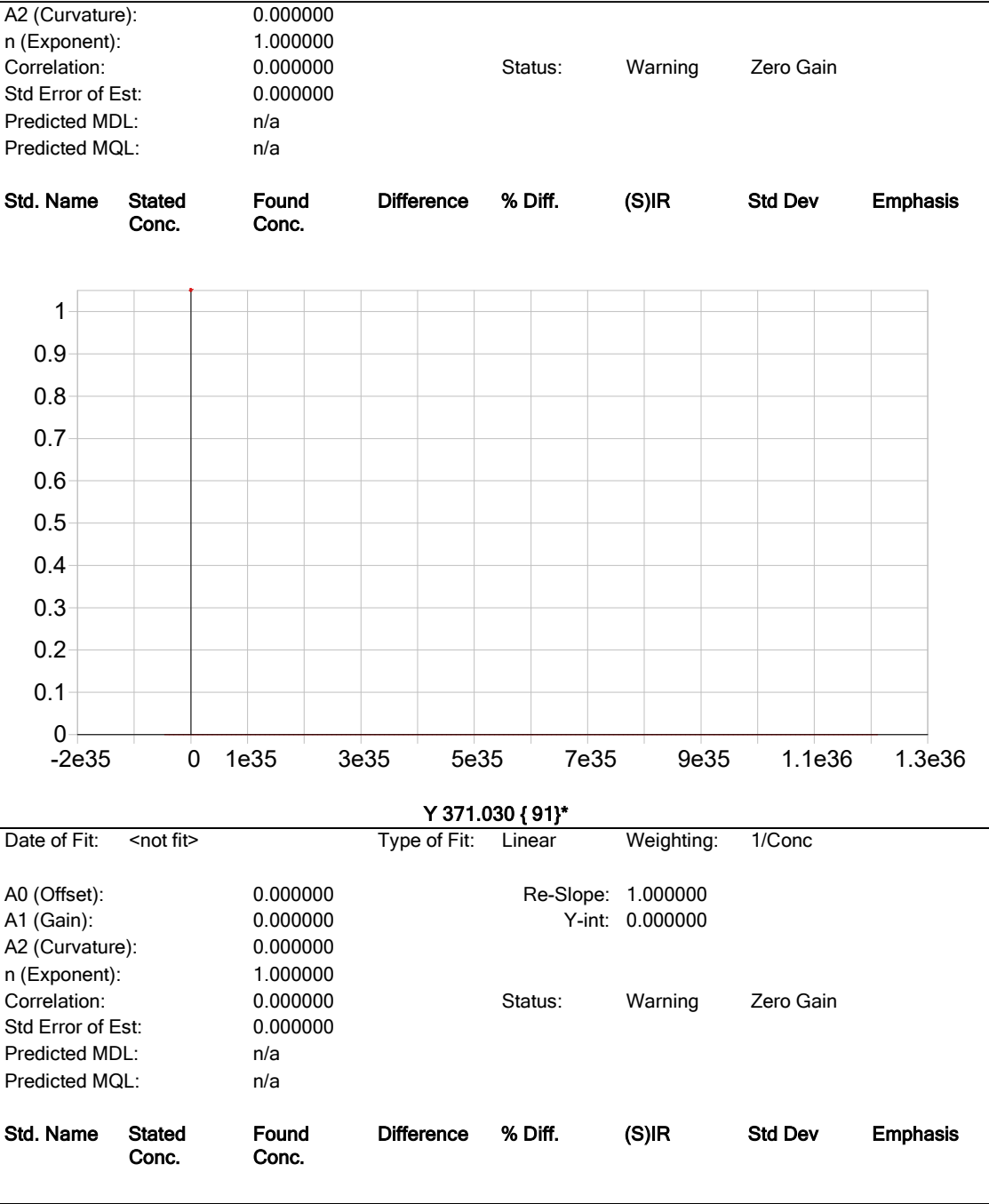
Li 670.784 { 50}

Date of Fit: 02/01/2022 14:05:48 Type of Fit: Linear Weighting: 1/Conc

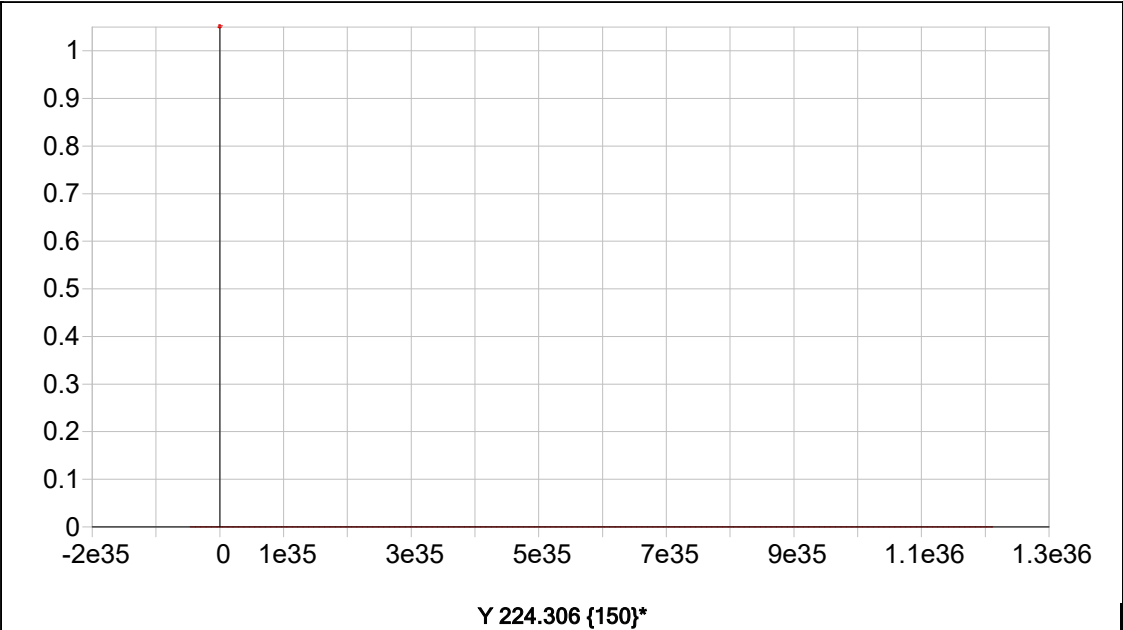
A0 (Offset): 0.016210 Re-Slope: 1.000000  
 A1 (Gain): 0.943302 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999737 Status: OK.  
 Std Error of Est: 0.000444  
 Predicted MDL: 0.001944  
 Predicted MQL: 0.006480

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .01622 | .002    | 1        |
| S5        | 10.000       | 10.177      | .177       | 1.77    | 9.6059 | .023    | 1        |
| S4        | 5.0000       | 4.9664      | -.034      | -.672   | 4.6959 | .015    | 1        |
| S3        | 2.5000       | 2.4230      | -.077      | -3.08   | 2.2993 | .008    | 1        |
| S2        | 1.2500       | 1.1876      | -.062      | -4.99   | 1.1352 | .005    | 1        |
| S1        | .01500       | .01111      | -.004      | -25.9   | .02662 | .000    | 1        |

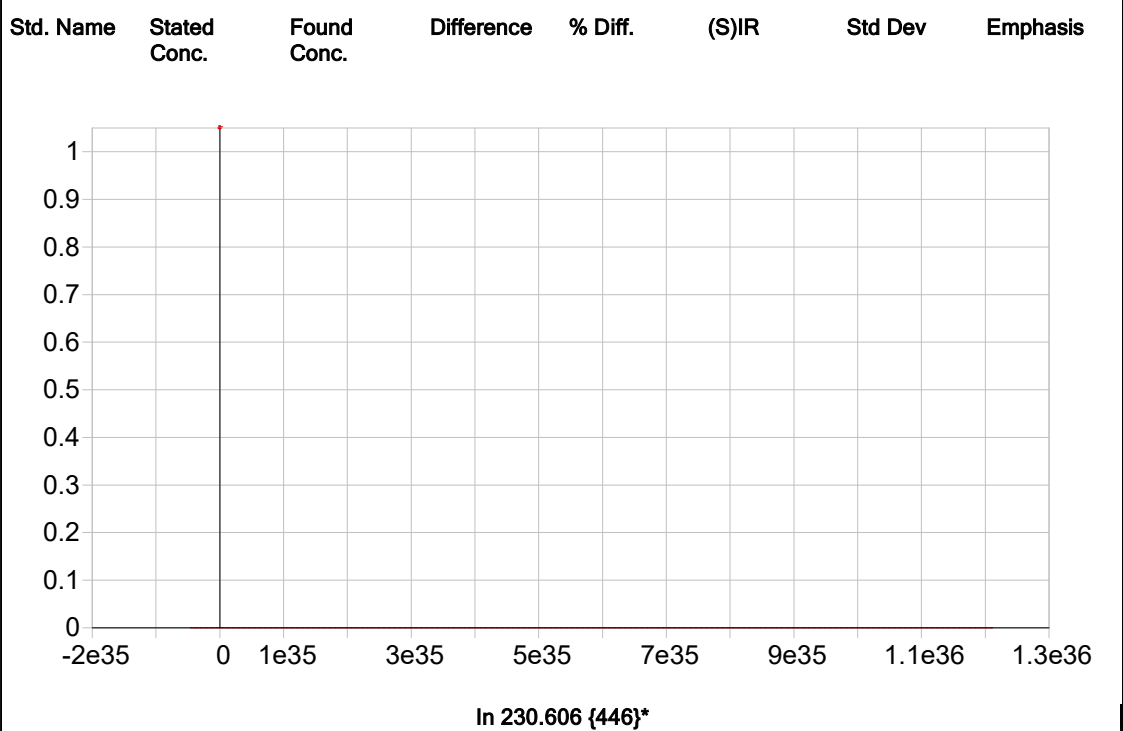








| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



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

