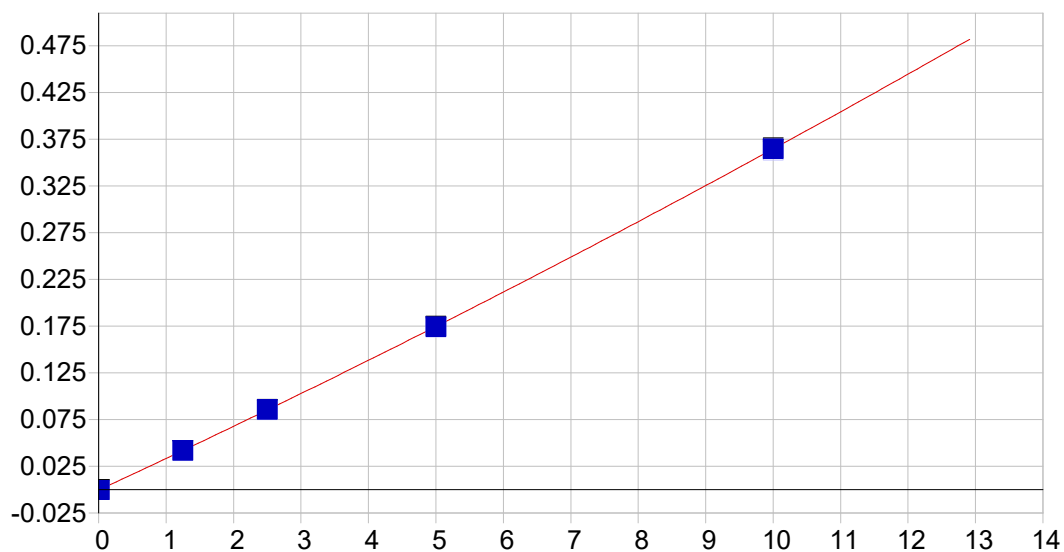


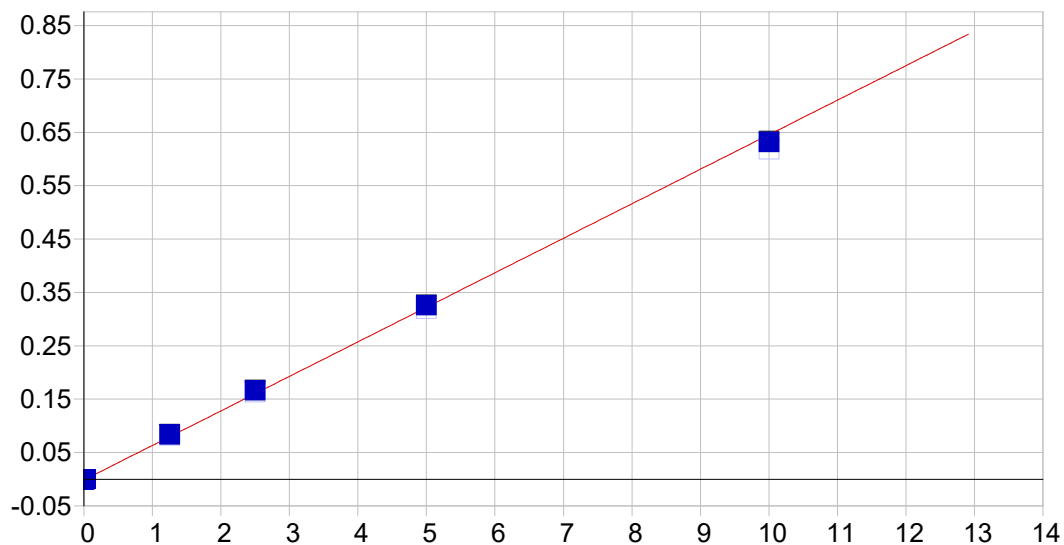


**As 189.042 {479}**

Date of Fit: 12/17/2020 16:33:03 Type of Fit: Curvilinear Weighting: 1/Conc

|                   |           |           |                            |
|-------------------|-----------|-----------|----------------------------|
| A0 (Offset):      | -0.000510 | Re-Slope: | 1.000000                   |
| A1 (Gain):        | 0.033550  | Y-int:    | 0.000000                   |
| A2 (Curvature):   | 0.000296  |           |                            |
| n (Exponent):     | 1.000000  |           |                            |
| Correlation:      | 0.999988  | Status:   | Warning Positive Curvature |
| Std Error of Est: | 0.000003  |           |                            |
| Predicted MDL:    | 0.006109  |           |                            |
| Predicted MQL:    | 0.020364  |           |                            |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00051 | .000    | 1        |
| S1        | .01000       | .00792      | -.002      | -20.8   | -.00025 | .000    | 1        |
| S2        | 1.2500       | 1.2464      | -.004      | -.286   | .04157  | .000    | 1        |
| S3        | 2.5000       | 2.5120      | .012       | .480    | .08524  | .000    | 1        |
| S4        | 5.0000       | 4.9924      | -.008      | -.152   | .17357  | .000    | 1        |
| S5        | 10.000       | 10.001      | .001       | .012    | .36306  | .001    | 1        |

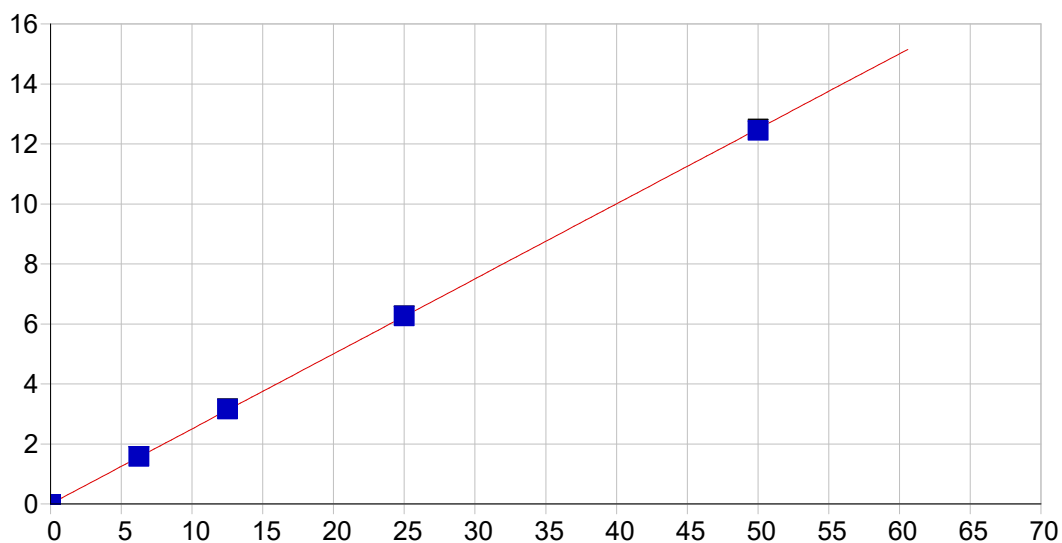


**TI 190.856 {477}**

Date of Fit: 12/17/2020 16:33:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001396 Re-Slope: 1.000000  
 A1 (Gain): 0.064699 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999656 Status: OK.  
 Std Error of Est: 0.000044  
 Predicted MDL: 0.003595  
 Predicted MQL: 0.011984

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00140 | .000    | 1        |
| S1        | .02500       | .02607      | .001       | 4.29    | .00014  | .000    | 1        |
| S2        | 1.2500       | 1.3181      | .068       | 5.45    | .08222  | .001    | 1        |
| S3        | 2.5000       | 2.5901      | .090       | 3.60    | .16285  | .001    | 1        |
| S4        | 5.0000       | 5.0579      | .058       | 1.16    | .31919  | .001    | 1        |
| S5        | 10.000       | 9.7829      | -.217      | -2.17   | .61823  | .002    | 1        |

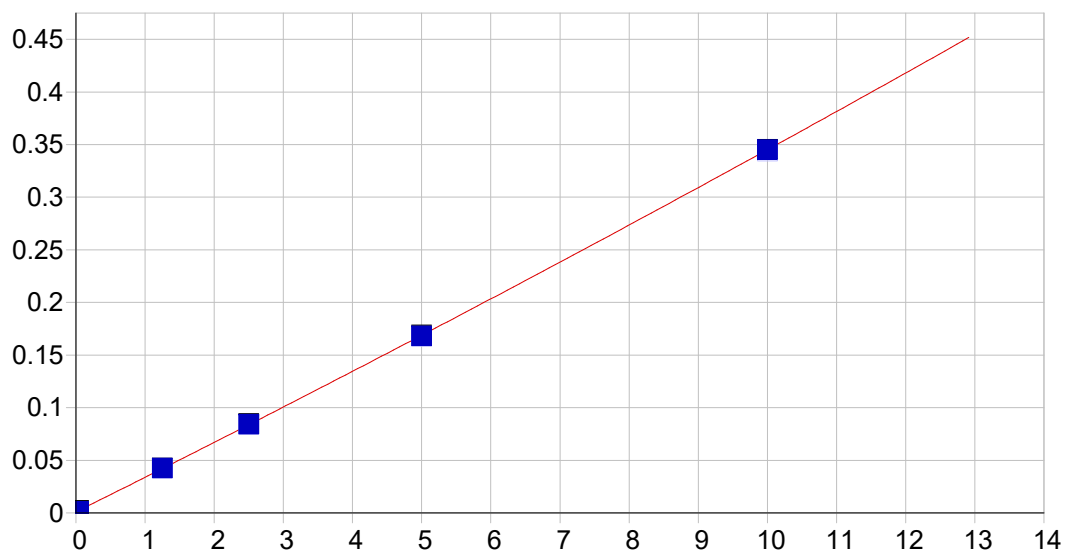


### Pb 220.353 {453}

Date of Fit: 12/17/2020 16:33:03      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.001331      Re-Slope: 1.000000  
 A1 (Gain): 0.250024      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999987      Status: OK.  
 Std Error of Est: 0.000048  
 Predicted MDL: 0.001947  
 Predicted MQL: 0.006489

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00133 | .000    | 1        |
| S1        | .01000       | .01083      | .001       | 8.33    | .00404 | .000    | 1        |
| S2        | 6.2500       | 6.2917      | .042       | .667    | 1.5747 | .002    | 1        |
| S3        | 12.500       | 12.624      | .124       | .989    | 3.1581 | .007    | 1        |
| S4        | 25.000       | 25.041      | .041       | .164    | 6.2633 | .003    | 1        |
| S5        | 50.000       | 49.793      | -.207      | -.414   | 12.453 | .036    | 1        |

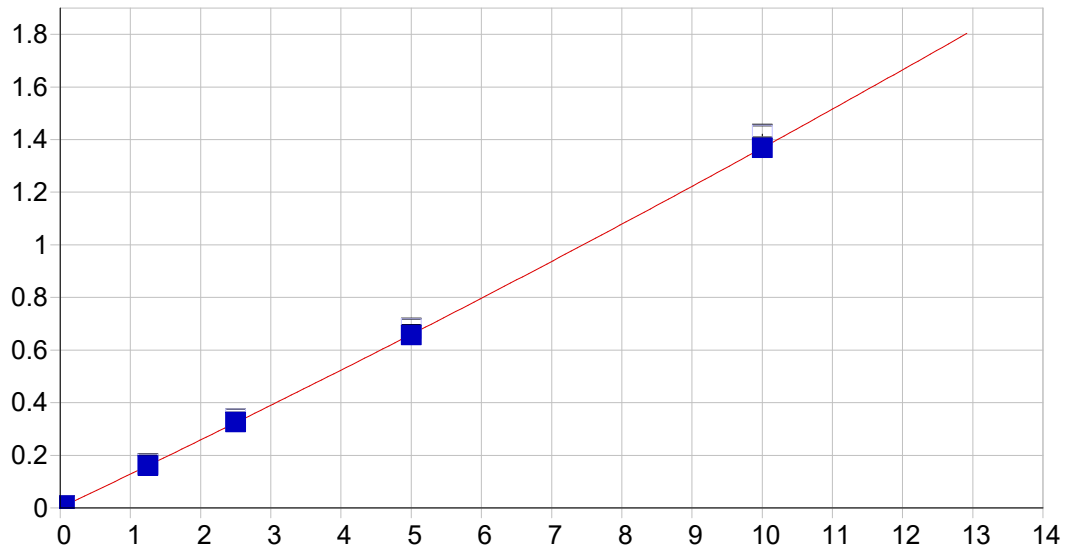


Se 196.090 {472}

Date of Fit: 12/17/2020 16:33:03 Type of Fit: Curvilinear Weighting: 1/Conc

|                   |          |           |                            |
|-------------------|----------|-----------|----------------------------|
| A0 (Offset):      | 0.000983 | Re-Slope: | 1.000000                   |
| A1 (Gain):        | 0.032712 | Y-int:    | 0.000000                   |
| A2 (Curvature):   | 0.000170 |           |                            |
| n (Exponent):     | 1.000000 |           |                            |
| Correlation:      | 0.999921 | Status:   | Warning Positive Curvature |
| Std Error of Est: | 0.000015 |           |                            |
| Predicted MDL:    | 0.006710 |           |                            |
| Predicted MQL:    | 0.022365 |           |                            |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00098 | .000    | 1        |
| S1        | .03500       | .02489      | -.010      | -28.9   | .00180 | .000    | 1        |
| S2        | 1.2500       | 1.2595      | .009       | .757    | .04226 | .000    | 1        |
| S3        | 2.5000       | 2.5142      | .014       | .567    | .08391 | .000    | 1        |
| S4        | 5.0000       | 4.9825      | -.017      | -.349   | .16741 | .001    | 1        |
| S5        | 10.000       | 10.004      | .004       | .040    | .34369 | .000    | 1        |

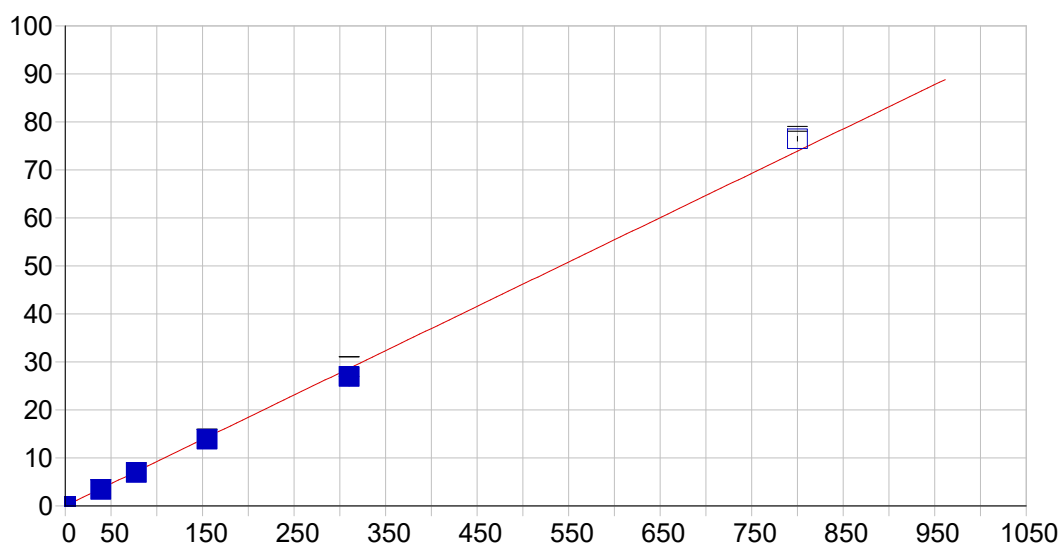


**Sb 206.833 {463}**

Date of Fit: 12/17/2020 16:33:03      Type of Fit: Curvilinear      Weighting: 1/Conc

|                   |          |           |                                 |
|-------------------|----------|-----------|---------------------------------|
| A0 (Offset):      | 0.000769 | Re-Slope: | 1.000000                        |
| A1 (Gain):        | 0.126743 | Y-int:    | 0.000000                        |
| A2 (Curvature):   | 0.000997 |           |                                 |
| n (Exponent):     | 1.000000 |           |                                 |
| Correlation:      | 0.999996 | Status:   | Warning      Positive Curvature |
| Std Error of Est: | 0.000019 |           |                                 |
| Predicted MDL:    | 0.002521 |           |                                 |
| Predicted MQL:    | 0.008404 |           |                                 |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00077 | .000    | 1        |
| S1        | .06000       | .05801      | -.002      | -3.31   | .00813 | .000    | 1        |
| S2        | 1.2500       | 1.2516      | .002       | .132    | .16709 | .001    | 1        |
| S3        | 2.5000       | 2.5116      | .012       | .465    | .33763 | .001    | 1        |
| S4        | 5.0000       | 4.9840      | -.016      | -.320   | .68169 | .001    | 1        |
| S5        | 10.000       | 10.005      | .005       | .047    | 1.4175 | .003    | 1        |

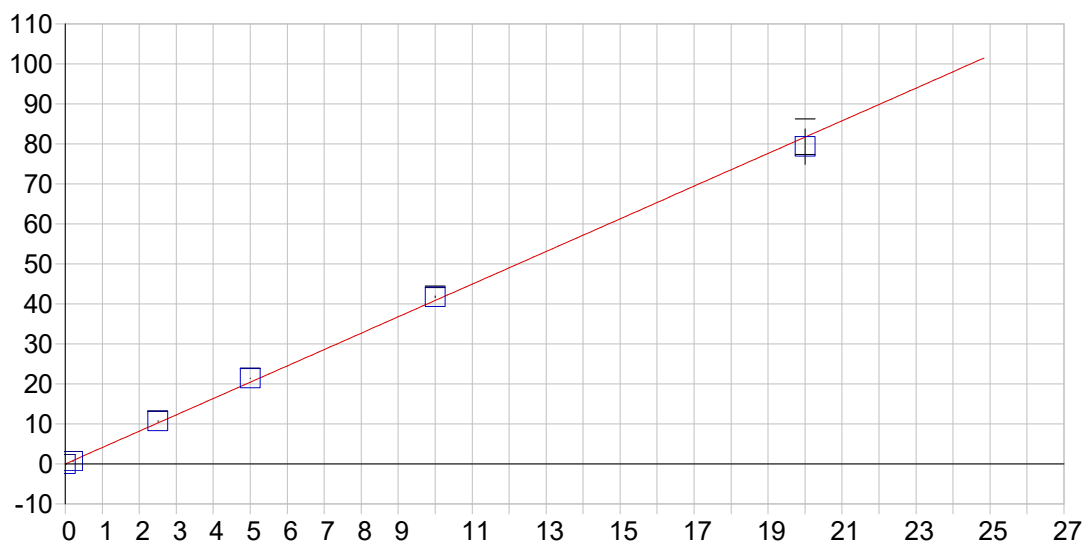


AI 396.152 { 85}

Date of Fit: 12/17/2020 16:33:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003014 Re-Slope: 1.000000  
 A1 (Gain): 0.092382 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999129 Status: OK.  
 Std Error of Est: 0.002400  
 Predicted MDL: 0.009507  
 Predicted MQL: 0.031691

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00004      | .000       | .000    | .00302 | .000    | 1        |
| S1        | .20000       | .19015      | -.010      | -4.93   | .02061 | .001    | 1        |
| S2        | 38.750       | 36.873      | -1.88      | -4.84   | 3.4132 | .003    | 1        |
| S3        | 77.500       | 74.730      | -2.77      | -3.57   | 6.9143 | .013    | 1        |
| S4        | 155.00       | 150.39      | -4.61      | -2.97   | 13.912 | .054    | 1        |
| S5        | 310.00       | 291.42      | -18.6      | -5.99   | 26.955 | 2.05    | 1        |
| S6        | 800.00       | 827.87      | 27.9       | 3.48    | 76.483 | .507    | 1        |

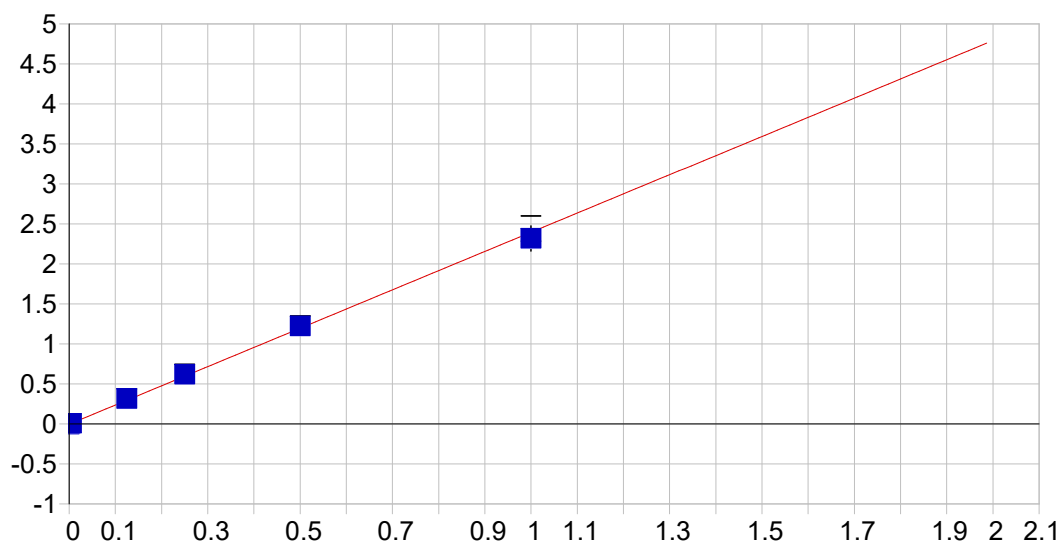


**Ba 493.409 { 68}**

Date of Fit: 12/17/2020 16:33:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001856 Re-Slope: 1.000000  
 A1 (Gain): 4.085039 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999461 Status: OK.  
 Std Error of Est: 0.014254  
 Predicted MDL: 0.000626  
 Predicted MQL: 0.002088

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00187 | .001    | 1        |
| S1        | .20000       | .18503      | -.015      | -7.49   | .75399  | .003    | 1        |
| S2        | 2.5000       | 2.6218      | .122       | 4.87    | 10.708  | .015    | 1        |
| S3        | 5.0000       | 5.2400      | .240       | 4.80    | 21.404  | .014    | 1        |
| S4        | 10.000       | 10.231      | .231       | 2.31    | 41.793  | .224    | 1        |
| S5        | 20.000       | 19.422      | -.578      | -2.89   | 79.337  | 4.44    | 1        |



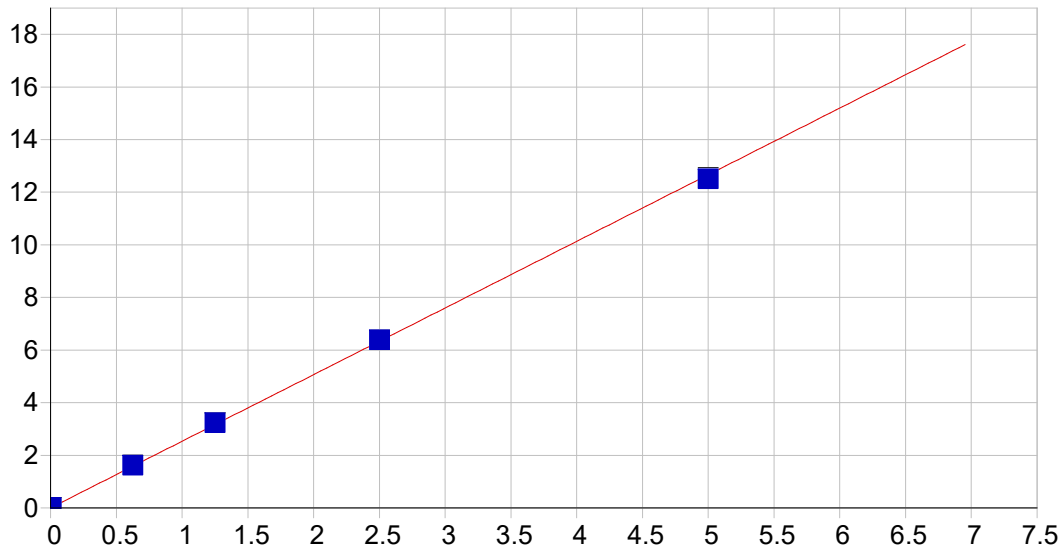
**Be 234.861 {144}**

Date of Fit: 12/17/2020 16:33:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.003525 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.398127  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999430  | Status:   | OK.      |
| Std Error of Est: | 0.000303  |           |          |
| Predicted MDL:    | 0.000118  |           |          |
| Predicted MQL:    | 0.000394  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00353 | .000    | 1        |
| S1        | .00500       | .00523      | .000       | 4.63    | .00901  | .000    | 1        |
| S2        | .12500       | .13241      | .007       | 5.93    | .31306  | .002    | 1        |
| S3        | .25000       | .26064      | .011       | 4.25    | .61962  | .002    | 1        |
| S4        | .50000       | .51223      | .012       | 2.45    | 1.2211  | .003    | 1        |
| S5        | 1.0000       | .96949      | -.031      | -3.05   | 2.3139  | .158    | 1        |



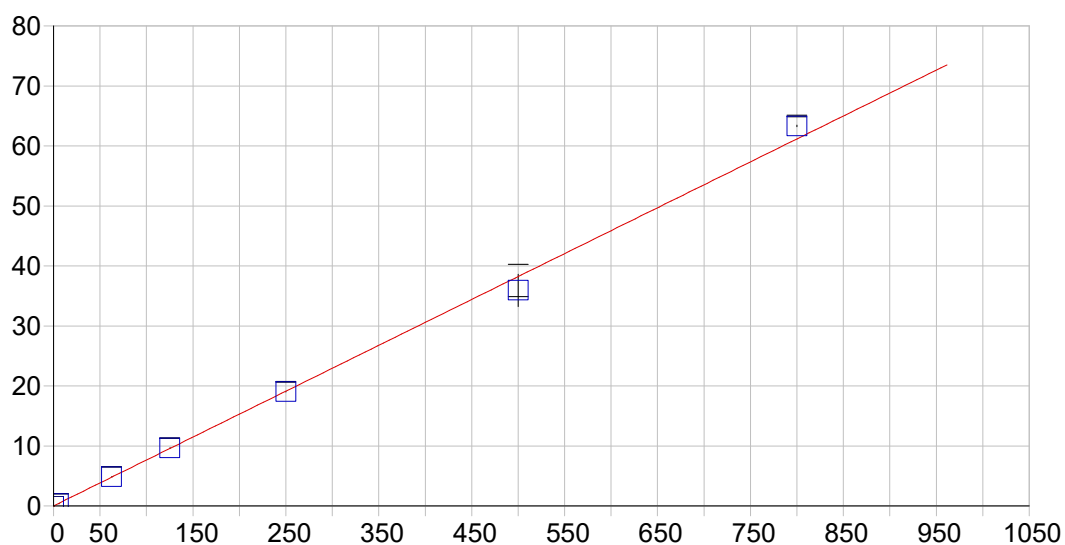


**Cd 214.438 {457}**

Date of Fit: 12/17/2020 16:33:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000420 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.533094 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999900 | Status:   | OK.      |
| Std Error of Est: | 0.000301 |           |          |
| Predicted MDL:    | 0.000124 |           |          |
| Predicted MQL:    | 0.000413 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00042 | .000    | 1        |
| S1        | .00500       | .00487      | -.000      | -2.58   | .01277 | .000    | 1        |
| S2        | .62500       | .64025      | .015       | 2.44    | 1.6245 | .001    | 1        |
| S3        | 1.2500       | 1.2770      | .027       | 2.16    | 3.2396 | .002    | 1        |
| S4        | 2.5000       | 2.5199      | .020       | .796    | 6.3925 | .009    | 1        |
| S5        | 5.0000       | 4.9380      | -.062      | -1.24   | 12.527 | .031    | 1        |

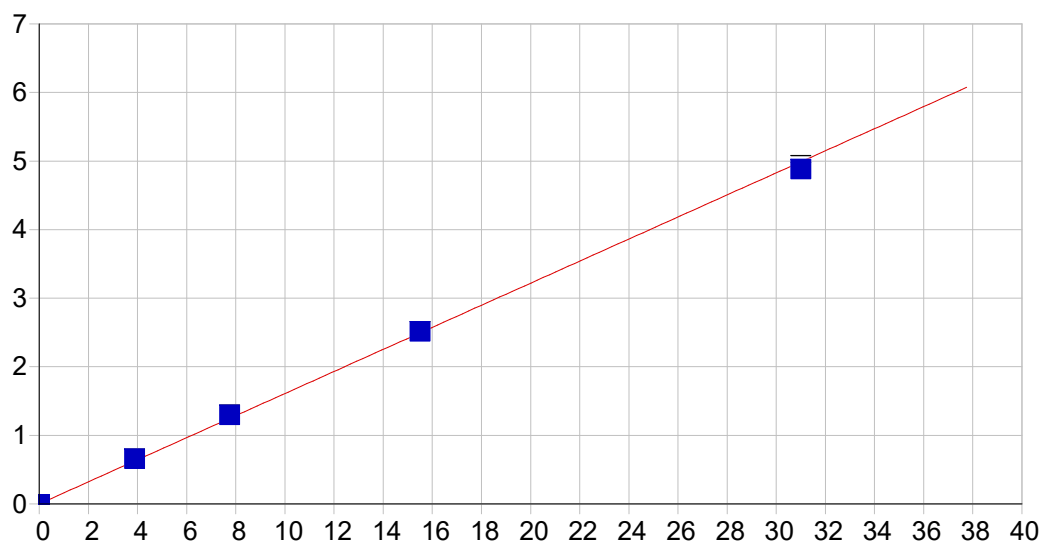


Ca 373.690 { 90}

Date of Fit: 12/17/2020 16:33:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000505 Re-Slope: 1.000000  
 A1 (Gain): 0.076456 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999183 Status: OK.  
 Std Error of Est: 0.010791  
 Predicted MDL: 0.011184  
 Predicted MQL: 0.037279

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00018     | -.000      | .000    | .00049 | .000    | 1        |
| S1        | 5.0000       | 5.1759      | .176       | 3.52    | .39623 | .002    | 1        |
| S2        | 62.500       | 63.611      | 1.11       | 1.78    | 4.8639 | .010    | 1        |
| S3        | 125.00       | 126.28      | 1.28       | 1.02    | 9.6555 | .007    | 1        |
| S4        | 250.00       | 249.11      | -.892      | -.357   | 19.046 | .047    | 1        |
| S5        | 500.00       | 469.98      | -30.0      | -6.00   | 35.933 | 2.69    | 1        |
| S6        | 800.00       | 828.35      | 28.3       | 3.54    | 63.333 | .158    | 1        |

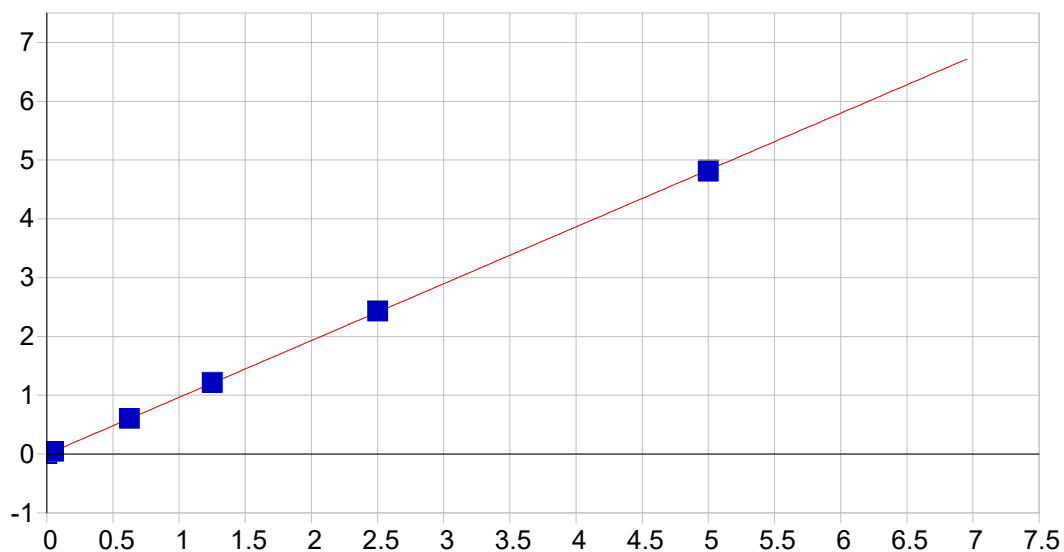


**Cr 267.716 {126}**

Date of Fit: 12/17/2020 16:33:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000038 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.160940 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999656 | Status:   | OK.      |
| Std Error of Est: | 0.000125 |           |          |
| Predicted MDL:    | 0.000607 |           |          |
| Predicted MQL:    | 0.002022 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00004 | .000    | 1        |
| S1        | .01000       | .01028      | .000       | 2.79    | .00169 | .000    | 1        |
| S2        | 3.8750       | 4.1005      | .225       | 5.82    | .66019 | .001    | 1        |
| S3        | 7.7500       | 8.0552      | .305       | 3.94    | 1.2969 | .002    | 1        |
| S4        | 15.500       | 15.626      | .126       | .811    | 2.5157 | .002    | 1        |
| S5        | 31.000       | 30.343      | -.657      | -2.12   | 4.8853 | .050    | 1        |

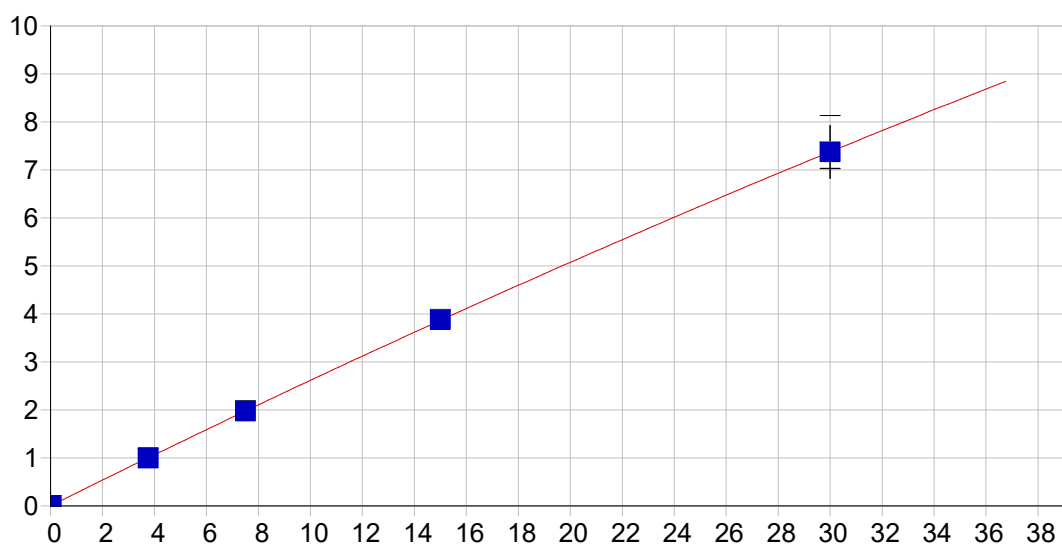


**Co 228.616 {448}**

Date of Fit: 12/17/2020 16:33:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001181 Re-Slope: 1.000000  
 A1 (Gain): 0.966346 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999972 Status: OK.  
 Std Error of Est: 0.000192  
 Predicted MDL: 0.000336  
 Predicted MQL: 0.001120

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00118 | .000    | 1        |
| S1        | .05000       | .04646      | -.004      | -7.09   | .04388  | .000    | 1        |
| S2        | .62500       | .62603      | .001       | .165    | .60479  | .001    | 1        |
| S3        | 1.2500       | 1.2607      | .011       | .857    | 1.2191  | .002    | 1        |
| S4        | 2.5000       | 2.5142      | .014       | .568    | 2.4324  | .002    | 1        |
| S5        | 5.0000       | 4.9776      | -.022      | -.448   | 4.8169  | .012    | 1        |

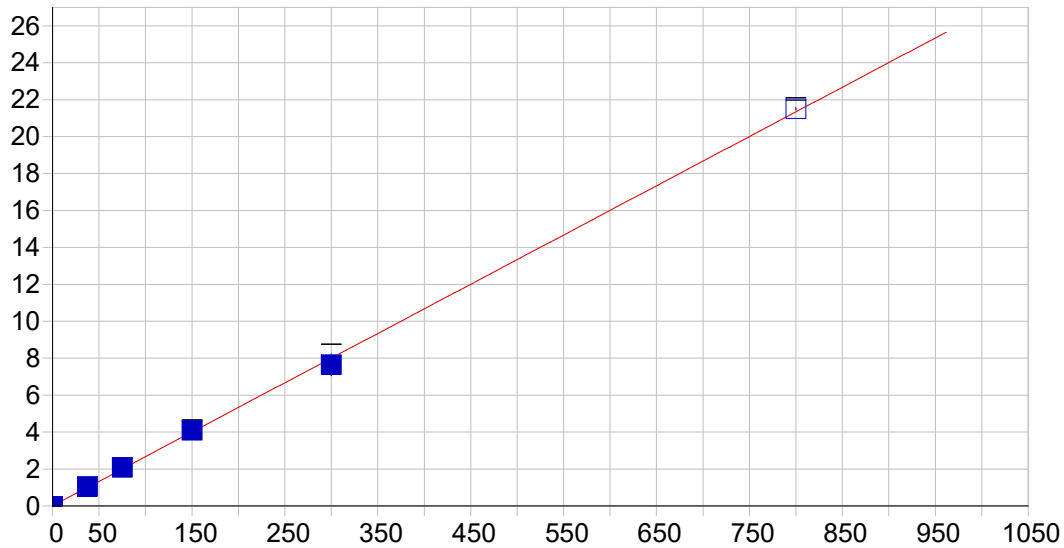


### Cu 324.754 {104}

Date of Fit: 12/17/2020 16:33:03      Type of Fit: Curvilinear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | 0.002209  | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.269167  | Y-int:    | 0.000000 |
| A2 (Curvature):   | -0.000778 |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999996  | Status:   | OK.      |
| Std Error of Est: | 0.000036  |           |          |
| Predicted MDL:    | 0.002077  |           |          |
| Predicted MQL:    | 0.006925  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00221 | .000    | 1        |
| S1        | .02500       | .02513      | .000       | .505    | .00897 | .000    | 1        |
| S2        | 3.7500       | 3.7286      | -.021      | -.572   | .99569 | .002    | 1        |
| S3        | 7.5000       | 7.4872      | -.013      | -.171   | 1.9753 | .005    | 1        |
| S4        | 15.000       | 15.060      | .060       | .401    | 3.8822 | .007    | 1        |
| S5        | 30.000       | 29.974      | -.026      | -.088   | 7.3769 | .552    | 1        |

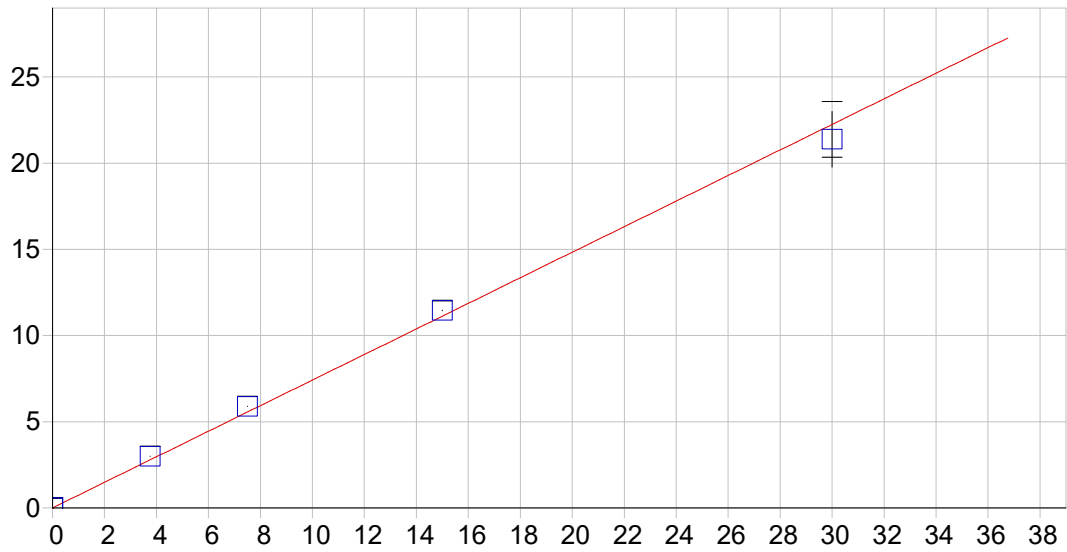


### Fe 259.837 {130}

Date of Fit: 12/17/2020 16:33:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000306 Re-Slope: 1.000000  
 A1 (Gain): 0.026675 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999661 Status: OK.  
 Std Error of Est: 0.000303  
 Predicted MDL: 0.008694  
 Predicted MQL: 0.028980

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00031 | .000    | 1        |
| S1        | .10000       | .10105      | .001       | 1.05    | .00301 | .000    | 1        |
| S2        | 37.500       | 39.250      | 1.75       | 4.67    | 1.0478 | .002    | 1        |
| S3        | 75.000       | 77.889      | 2.89       | 3.85    | 2.0790 | .007    | 1        |
| S4        | 150.00       | 152.99      | 2.99       | 2.00    | 4.0835 | .033    | 1        |
| S5        | 300.00       | 286.30      | -13.7      | -4.57   | 7.6414 | .584    | 1        |
| S6        | 800.00       | 806.07      | 6.07       | .759    | 21.503 | .071    | 1        |

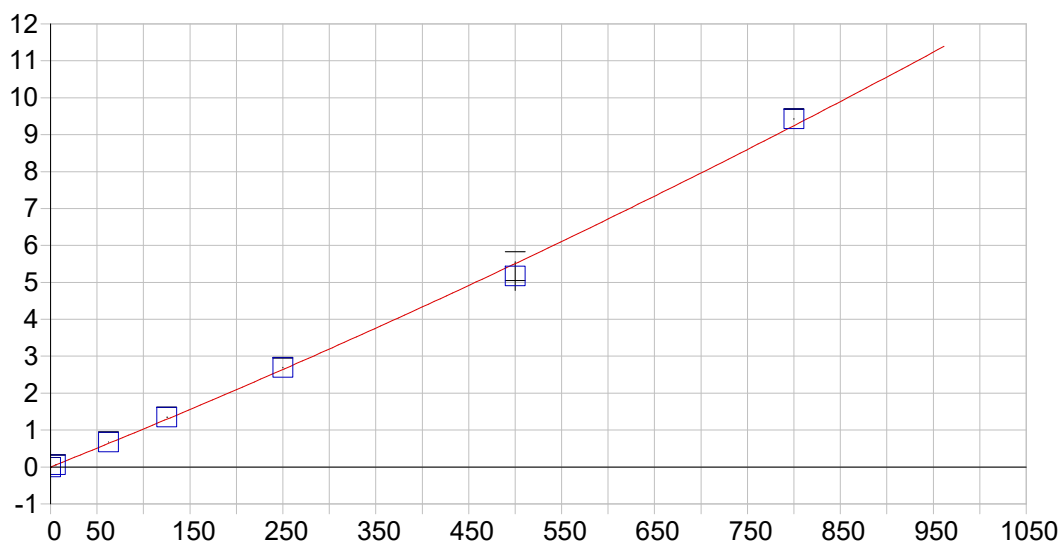


### Mn 257.610 {131}

Date of Fit: 12/17/2020 16:33:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000351 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.741718 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999061 | Status:   | OK.      |
| Std Error of Est: | 0.001144 |           |          |
| Predicted MDL:    | 0.000376 |           |          |
| Predicted MQL:    | 0.001253 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00035 | .000    | 1        |
| S1        | .01500       | .01636      | .001       | 9.05    | .01248 | .000    | 1        |
| S2        | 3.7500       | 4.0376      | .288       | 7.67    | 2.9951 | .010    | 1        |
| S3        | 7.5000       | 7.9363      | .436       | 5.82    | 5.8868 | .009    | 1        |
| S4        | 15.000       | 15.441      | .441       | 2.94    | 11.453 | .016    | 1        |
| S5        | 30.000       | 28.834      | -1.17      | -3.89   | 21.387 | 1.62    | 1        |



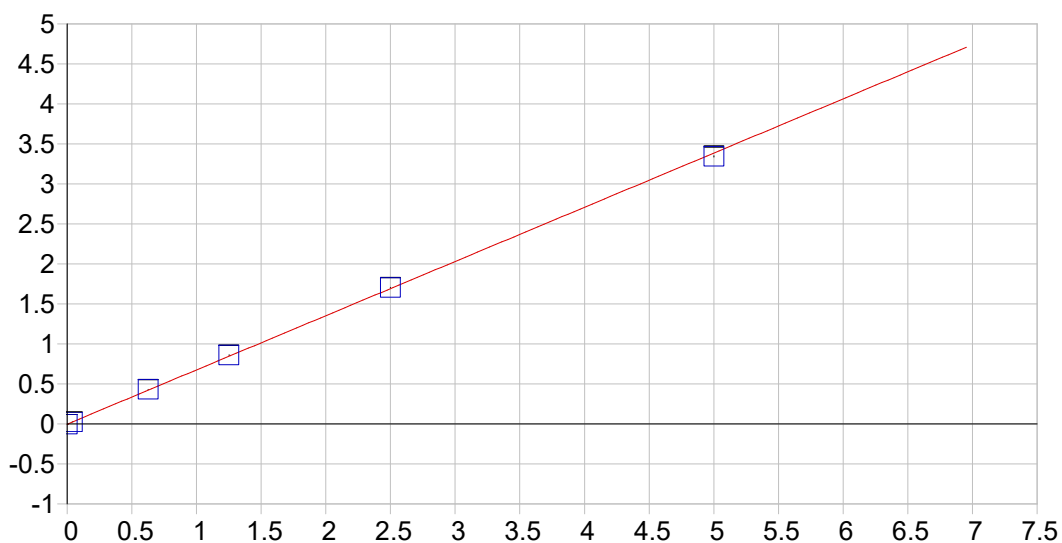
### Mg 279.079 {121}

Date of Fit: 12/17/2020 16:33:03 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000166 Re-Slope: 1.000000  
 A1 (Gain): 0.010111 Y-int: 0.000000  
 A2 (Curvature): 0.000002  
 n (Exponent): 1.000000  
 Correlation: 0.999237 Status: Warning Positive Curvature  
 Std Error of Est: 0.001698  
 Predicted MDL: 0.028774  
 Predicted MQL: 0.095914

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00103     | -.001      | .000    | -.00018 | .000    | 1        |
| S1        | 5.0000       | 5.6177      | .618       | 12.4    | .05669  | .000    | 1        |
| S2        | 62.500       | 66.092      | 3.59       | 5.75    | .67600  | .004    | 1        |
| S3        | 125.00       | 130.50      | 5.50       | 4.40    | 1.3501  | .001    | 1        |
| S4        | 250.00       | 254.66      | 4.66       | 1.87    | 2.6919  | .005    | 1        |
| S5        | 500.00       | 471.94      | -28.1      | -5.61   | 5.1737  | .390    | 1        |
| S6        | 800.00       | 813.82      | 13.8       | 1.73    | 9.4239  | .007    | 1        |



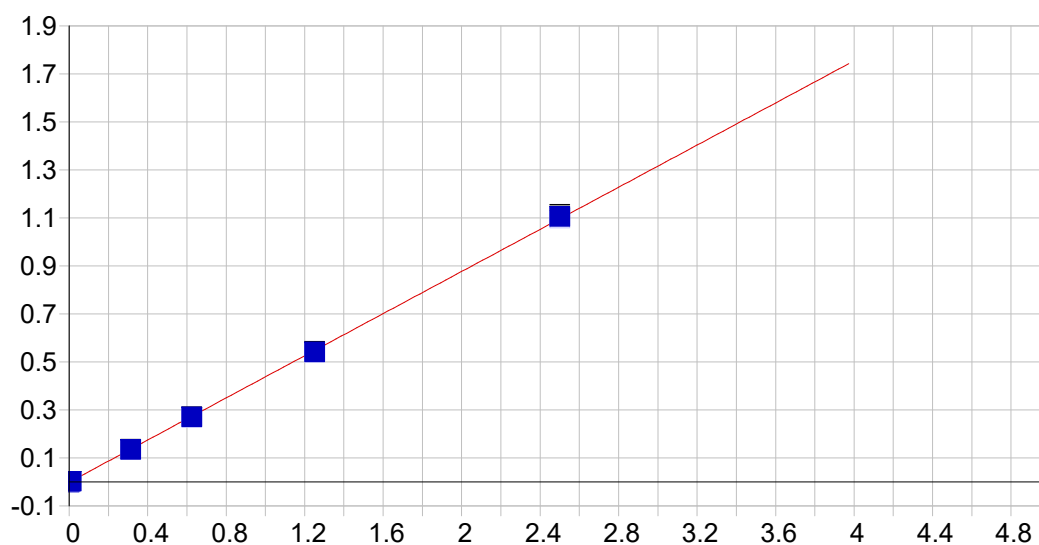


### Ni 231.604 {446}

Date of Fit: 12/17/2020 16:33:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.002435 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.677544  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999903  | Status:   | OK.      |
| Std Error of Est: | 0.000224  |           |          |
| Predicted MDL:    | 0.000558  |           |          |
| Predicted MQL:    | 0.001860  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00244 | .000    | 1        |
| S1        | .04000       | .04174      | .002       | 4.35    | .02585  | .000    | 1        |
| S2        | .62500       | .64021      | .015       | 2.43    | .43133  | .001    | 1        |
| S3        | 1.2500       | 1.2740      | .024       | 1.92    | .86077  | .001    | 1        |
| S4        | 2.5000       | 2.5204      | .020       | .816    | 1.7052  | .001    | 1        |
| S5        | 5.0000       | 4.9386      | -.061      | -1.23   | 3.3437  | .009    | 1        |

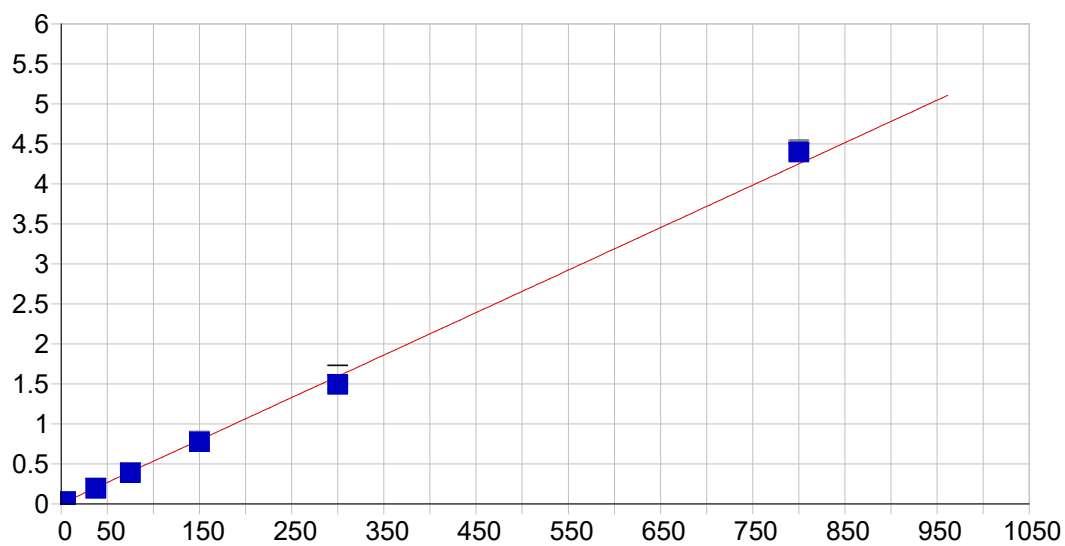


**Ag 328.068 {103}**

Date of Fit: 12/17/2020 16:33:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001115 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.438928  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999955  | Status:   | OK.      |
| Std Error of Est: | 0.000035  |           |          |
| Predicted MDL:    | 0.000446  |           |          |
| Predicted MQL:    | 0.001488  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00112 | .000    | 1        |
| S1        | .01000       | .00976      | -.000      | -2.41   | .00314  | .000    | 1        |
| S2        | .31250       | .31075      | -.002      | -.560   | .13439  | .000    | 1        |
| S3        | .62500       | .61771      | -.007      | -1.17   | .26823  | .001    | 1        |
| S4        | 1.2500       | 1.2374      | -.013      | -1.01   | .53843  | .002    | 1        |
| S5        | 2.5000       | 2.5219      | .022       | .877    | 1.0987  | .009    | 1        |

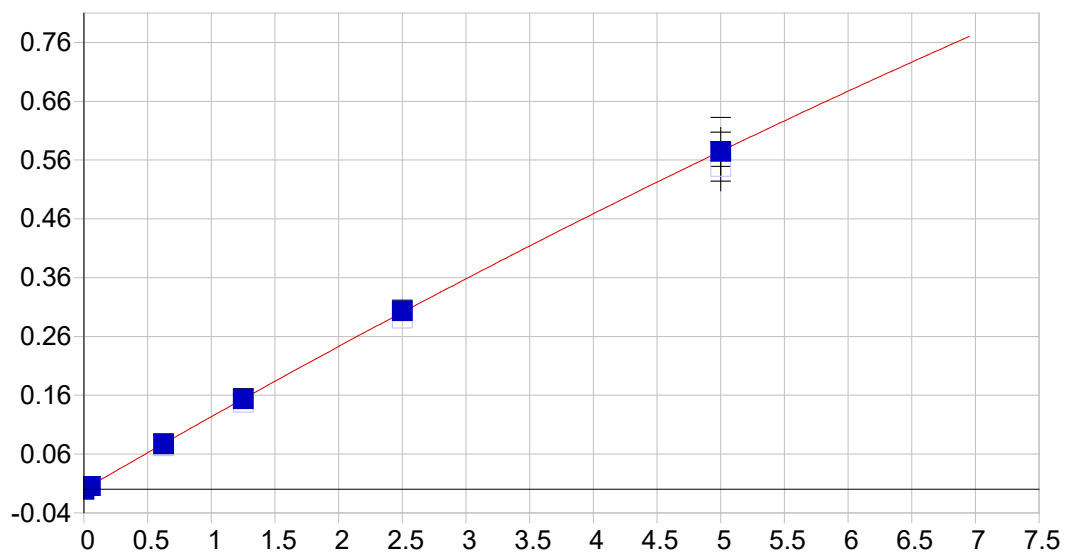


Na 818.326 { 41}

Date of Fit: 12/17/2020 16:33:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002481 Re-Slope: 1.000000  
 A1 (Gain): 0.005309 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999103 Status: OK.  
 Std Error of Est: 0.000698  
 Predicted MDL: 0.275391  
 Predicted MQL: 0.917971

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00087      | .001       | .000    | .00249 | .001    | 1        |
| S1        | 5.0000       | 4.7514      | -.249      | -4.97   | .02771 | .000    | 1        |
| S2        | 37.500       | 36.035      | -1.46      | -3.91   | .19450 | .001    | 1        |
| S3        | 75.000       | 72.946      | -2.05      | -2.74   | .39116 | .002    | 1        |
| S4        | 150.00       | 146.02      | -3.98      | -2.65   | .78052 | .003    | 1        |
| S5        | 300.00       | 280.27      | -19.7      | -6.58   | 1.4961 | .114    | 1        |
| S6        | 800.00       | 827.48      | 27.5       | 3.43    | 4.4106 | .012    | 1        |

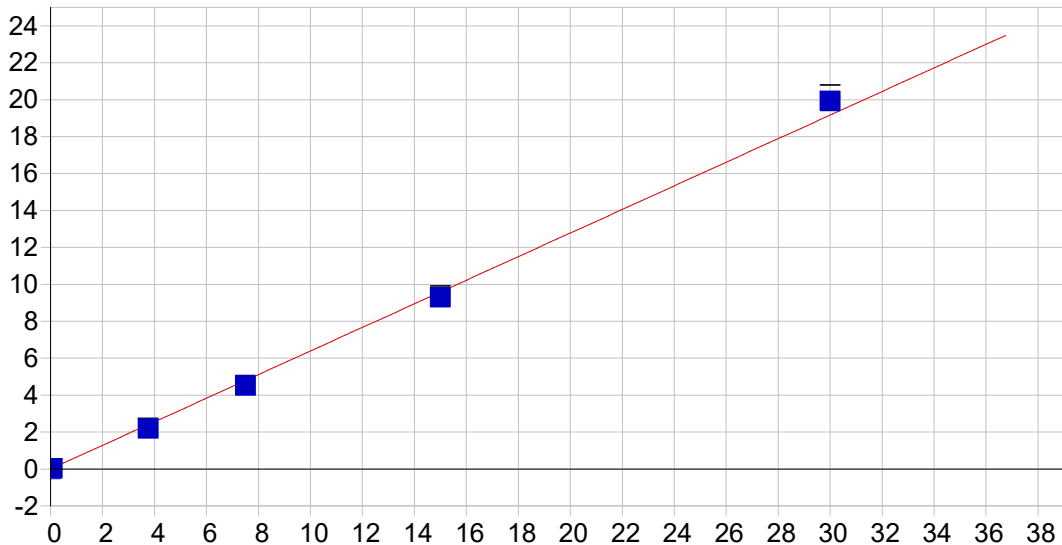


V 292.402 {115}

Date of Fit: 12/17/2020 16:33:03 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000125 Re-Slope: 1.000000  
A1 (Gain): 0.125926 Y-int: 0.000000  
A2 (Curvature): -0.002174  
n (Exponent): 1.000000  
Correlation: 0.999975 Status: OK.  
Std Error of Est: 0.000025  
Predicted MDL: 0.002771  
Predicted MQL: 0.009237

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00012 | .000    | 1        |
| S1        | .05000       | .04739      | -.003      | -5.21   | .00582  | .000    | 1        |
| S2        | .62500       | .61740      | -.008      | -1.22   | .07366  | .001    | 1        |
| S3        | 1.2500       | 1.2496      | -.000      | -.029   | .14758  | .000    | 1        |
| S4        | 2.5000       | 2.5207      | .021       | .828    | .29095  | .001    | 1        |
| S5        | 5.0000       | 4.9898      | -.010      | -.203   | .54905  | .042    | 1        |

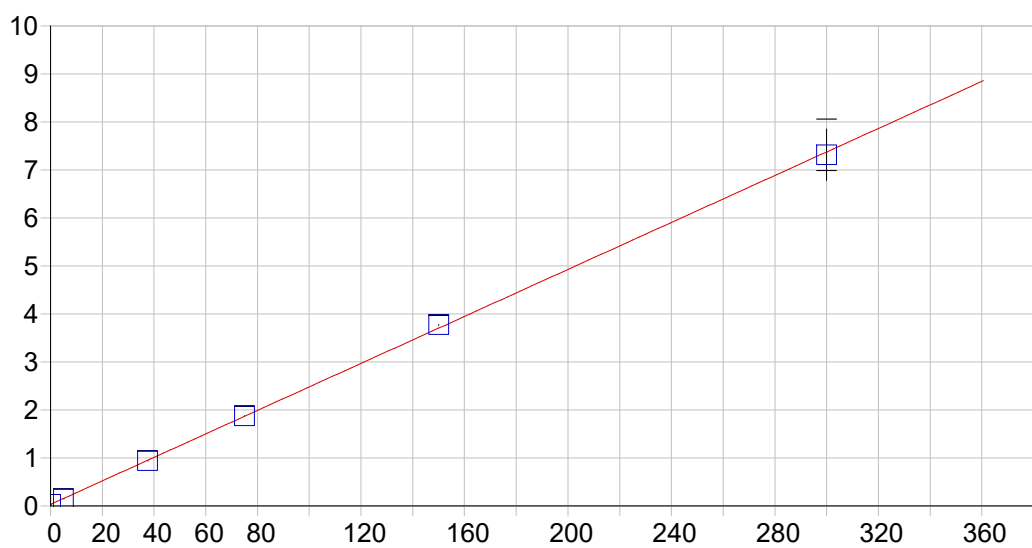


### Zn 213.856 {158}

Date of Fit: 12/17/2020 16:33:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000346 Re-Slope: 1.000000  
 A1 (Gain): 0.638841 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999015 Status: OK.  
 Std Error of Est: 0.002020  
 Predicted MDL: 0.001696  
 Predicted MQL: 0.005653

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00034 | .001    | 1        |
| S1        | .06000       | .05314      | -.007      | -11.4   | .03372  | .001    | 1        |
| S2        | 3.7500       | 3.4382      | -.312      | -8.31   | 2.1980  | .008    | 1        |
| S3        | 7.5000       | 7.0772      | -.423      | -5.64   | 4.5245  | .014    | 1        |
| S4        | 15.000       | 14.551      | -.449      | -2.99   | 9.3027  | .077    | 1        |
| S5        | 30.000       | 31.191      | 1.19       | 3.97    | 19.940  | .333    | 1        |

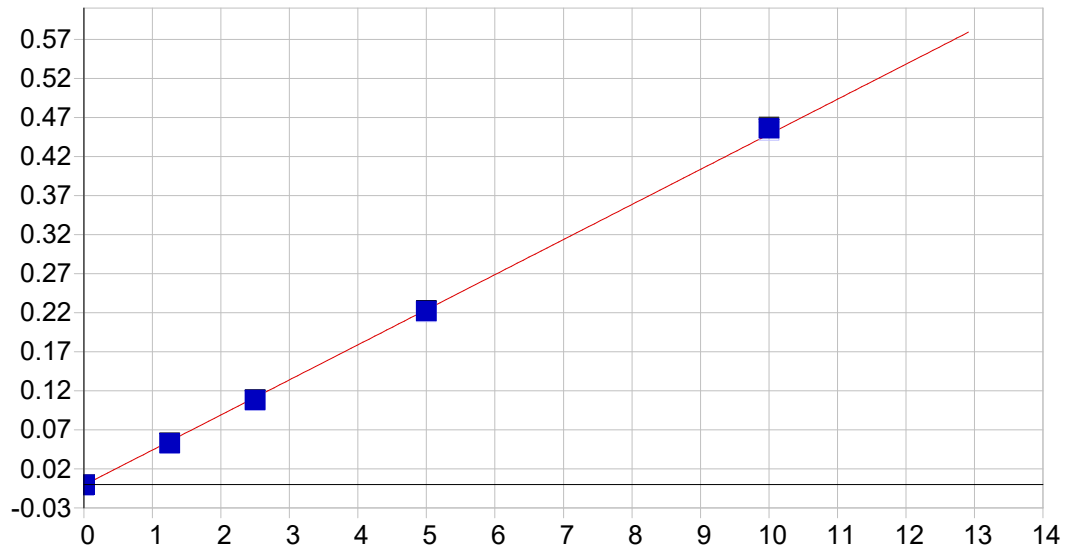


K 769.896 { 44 }

Date of Fit: 12/17/2020 16:33:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.031949 Re-Slope: 1.000000  
 A1 (Gain): 0.024474 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999913 Status: OK.  
 Std Error of Est: 0.000665  
 Predicted MDL: 0.060651  
 Predicted MQL: 0.202169

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00032      | .000       | .000    | .03196 | .002    | 1        |
| S1        | 5.0000       | 4.6470      | -.353      | -7.06   | .14568 | .001    | 1        |
| S2        | 37.500       | 37.199      | -.301      | -.802   | .94236 | .000    | 1        |
| S3        | 75.000       | 75.213      | .213       | .284    | 1.8727 | .006    | 1        |
| S4        | 150.00       | 152.79      | 2.79       | 1.86    | 3.7714 | .011    | 1        |
| S5        | 300.00       | 297.65      | -2.35      | -.785   | 7.3165 | .537    | 1        |

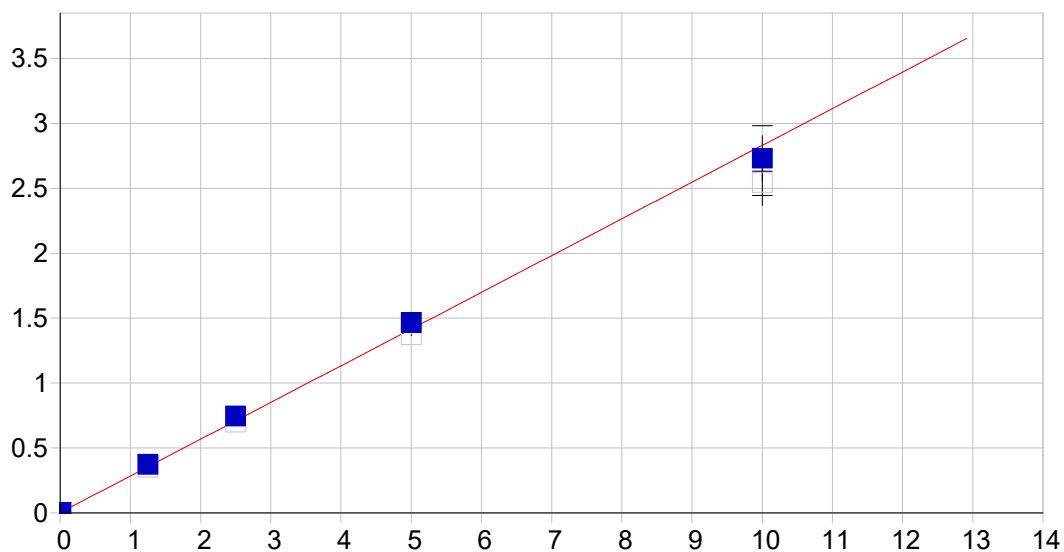


P 177.495 {490}

Date of Fit: 12/17/2020 16:33:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000862 Re-Slope: 1.000000  
 A1 (Gain): 0.044918 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999768 Status: OK.  
 Std Error of Est: 0.000016  
 Predicted MDL: 0.003798  
 Predicted MQL: 0.012658

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00086 | .000    | 1        |
| S1        | .01000       | .01208      | .002       | 20.8    | -.00032 | .000    | 1        |
| S2        | 1.2500       | 1.1924      | -.058      | -4.61   | .05234  | .000    | 1        |
| S3        | 2.5000       | 2.4226      | -.077      | -3.09   | .10725  | .001    | 1        |
| S4        | 5.0000       | 4.9637      | -.036      | -.725   | .22068  | .001    | 1        |
| S5        | 10.000       | 10.169      | .169       | 1.69    | .45309  | .002    | 1        |



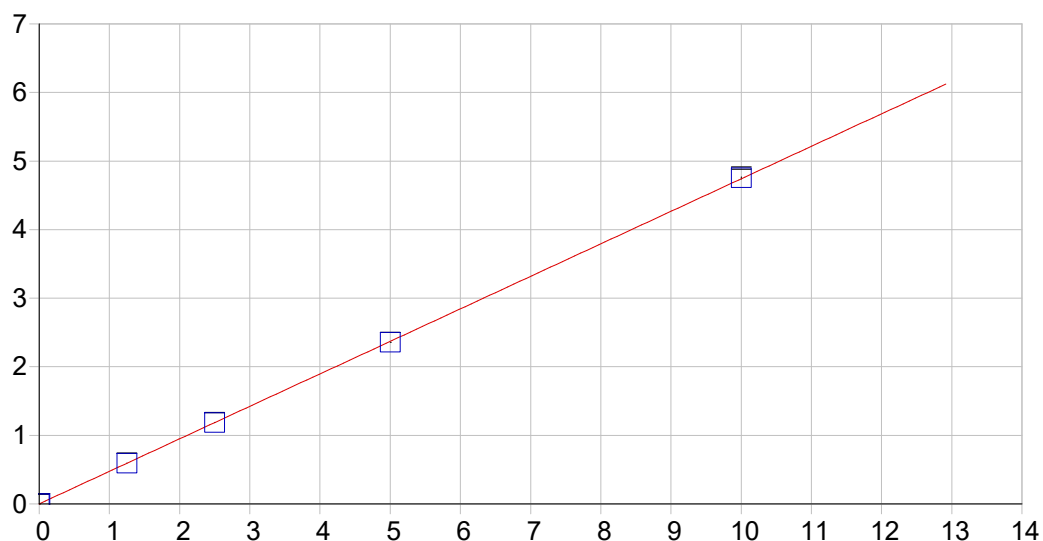
**B 249.678 {135}**

Date of Fit: 12/17/2020 16:33:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002060 Re-Slope: 1.000000  
 A1 (Gain): 0.282839 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999163 Status: OK.  
 Std Error of Est: 0.000181  
 Predicted MDL: 0.001209  
 Predicted MQL: 0.004028

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00206 | .000    | 1        |
| S1        | .01000       | .00862      | -.001      | -13.8   | .00448 | .000    | 1        |
| S2        | 1.2500       | 1.3119      | .062       | 4.96    | .34986 | .001    | 1        |
| S3        | 2.5000       | 2.6264      | .126       | 5.05    | .69835 | .001    | 1        |
| S4        | 5.0000       | 5.1648      | .165       | 3.30    | 1.3698 | .005    | 1        |
| S5        | 10.000       | 9.6483      | -.352      | -3.52   | 2.5448 | .176    | 1        |



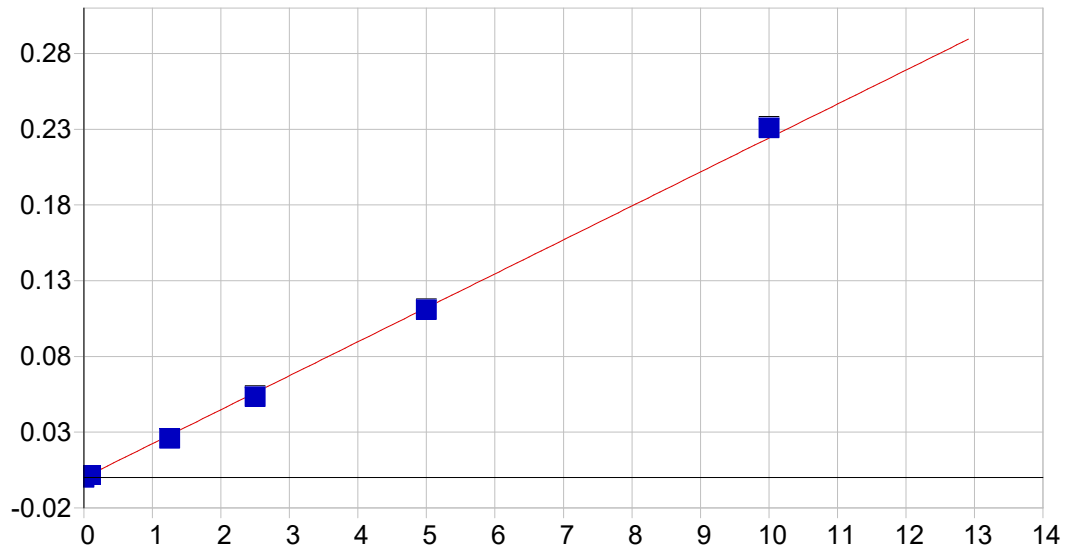


### Mo 202.030 {467}

Date of Fit: 12/17/2020 16:33:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000683 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.473988 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999992 | Status:   | OK.      |
| Std Error of Est: | 0.000031 |           |          |
| Predicted MDL:    | 0.000520 |           |          |
| Predicted MQL:    | 0.001735 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00068 | .000    | 1        |
| S1        | .01000       | .01017      | .000       | 1.71    | .00550 | .000    | 1        |
| S2        | 1.2500       | 1.2512      | .001       | .096    | .59374 | .002    | 1        |
| S3        | 2.5000       | 2.5034      | .003       | .135    | 1.1873 | .003    | 1        |
| S4        | 5.0000       | 4.9682      | -.032      | -.637   | 2.3555 | .001    | 1        |
| S5        | 10.000       | 10.027      | .027       | .271    | 4.7534 | .015    | 1        |

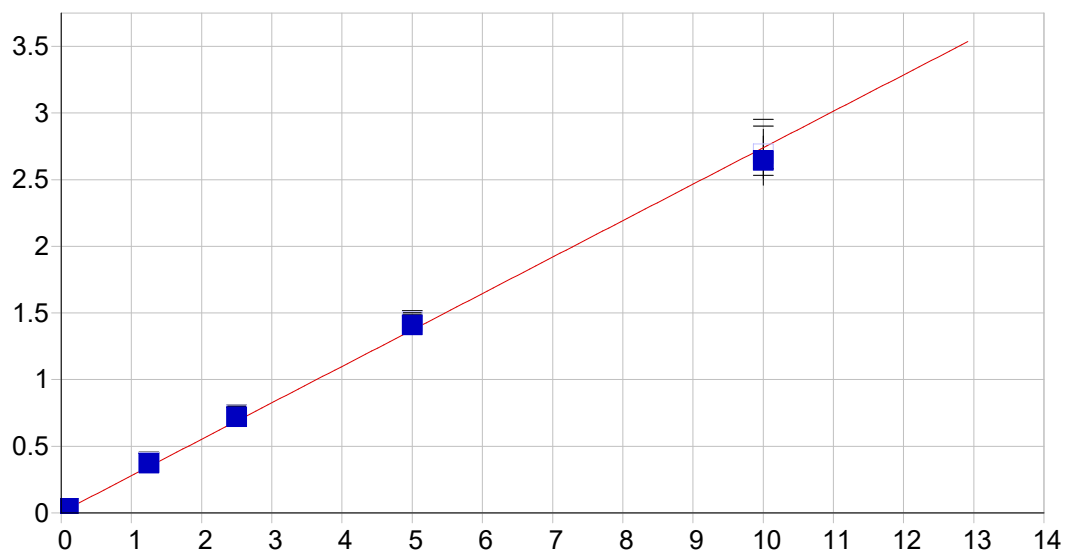


**S 182.034 {485}**

Date of Fit: 12/17/2020 16:33:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000006 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.022419 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999299 | Status:   | OK.      |
| Std Error of Est: | 0.000045 |           |          |
| Predicted MDL:    | 0.007348 |           |          |
| Predicted MQL:    | 0.024495 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00003      | .000       | .000    | .00001 | .000    | 1        |
| S1        | .10000       | .08046      | -.020      | -19.5   | .00181 | .000    | 1        |
| S2        | 1.2500       | 1.1522      | -.098      | -7.82   | .02590 | .000    | 1        |
| S3        | 2.5000       | 2.3790      | -.121      | -4.84   | .05346 | .001    | 1        |
| S4        | 5.0000       | 4.9445      | -.056      | -1.11   | .11109 | .000    | 1        |
| S5        | 10.000       | 10.294      | .294       | 2.94    | .23126 | .001    | 1        |

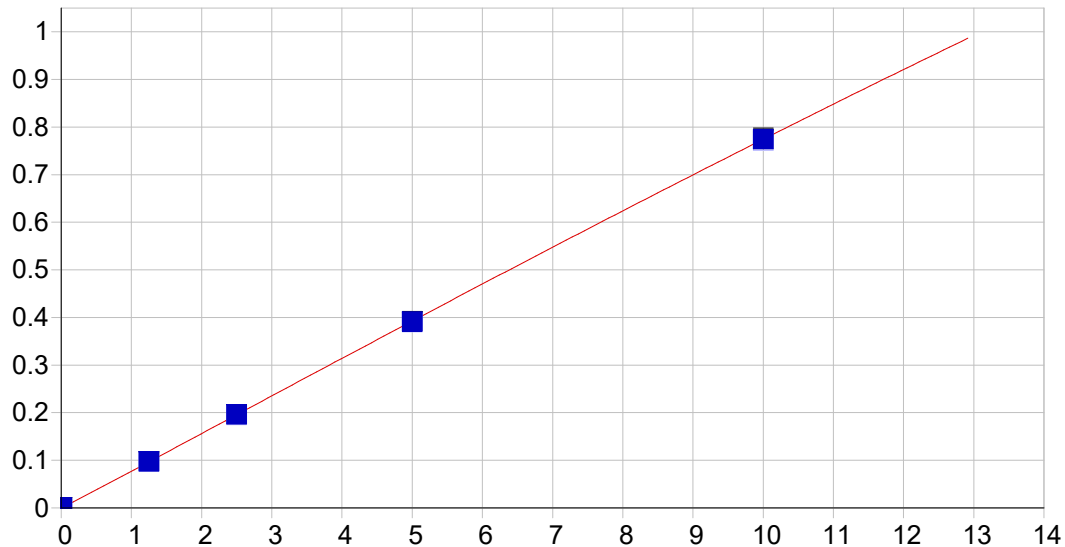


Si 251.611 {134}

Date of Fit: 12/17/2020 16:33:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005364 Re-Slope: 1.000000  
 A1 (Gain): 0.273399 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999260 Status: OK.  
 Std Error of Est: 0.000570  
 Predicted MDL: 0.001320  
 Predicted MQL: 0.004400

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00536 | .000    | 1        |
| S1        | .10000       | .10099      | .001       | .993    | .03334 | .001    | 1        |
| S2        | 1.2500       | 1.3450      | .095       | 7.60    | .37948 | .001    | 1        |
| S3        | 2.5000       | 2.6179      | .118       | 4.71    | .73388 | .001    | 1        |
| S4        | 5.0000       | 5.1380      | .138       | 2.76    | 1.4357 | .007    | 1        |
| S5        | 10.000       | 9.6481      | -.352      | -3.52   | 2.6943 | .185    | 1        |

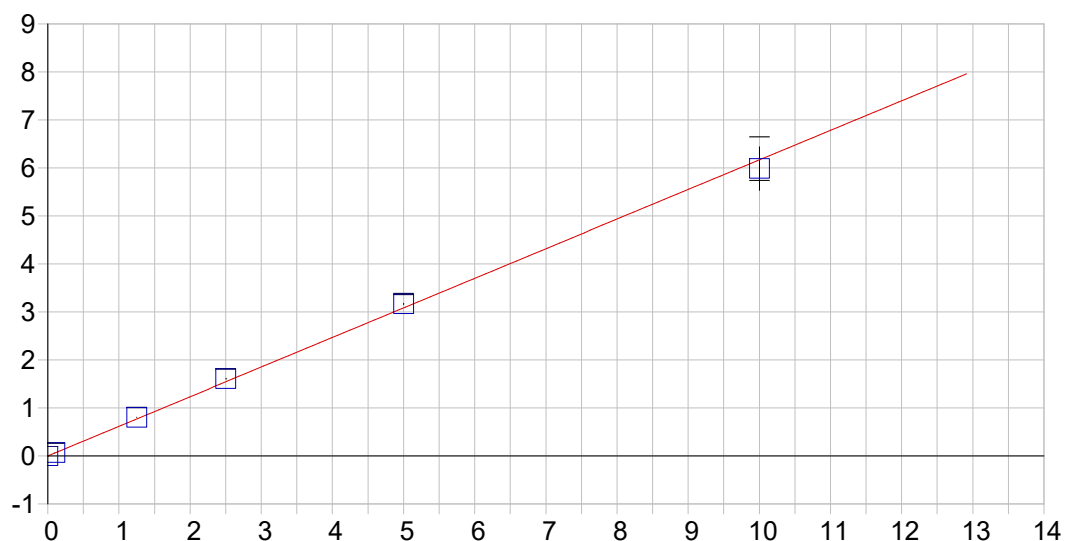


**Sn 189.989 {478}**

Date of Fit: 12/17/2020 16:33:03      Type of Fit: Full Fit      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | 0.000342  | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.077183  | Y-int:    | 0.000000 |
| A2 (Curvature):   | -0.000463 |           |          |
| n (Exponent):     | 1.030000  |           |          |
| Correlation:      | 0.999987  | Status:   | OK.      |
| Std Error of Est: | 0.000008  |           |          |
| Predicted MDL:    | 0.002042  |           |          |
| Predicted MQL:    | 0.006807  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00034 | .000    | 1        |
| S1        | .00700       | .00511      | -.002      | -27.0   | .00064 | .000    | 1        |
| S2        | 1.2500       | 1.2558      | .006       | .468    | .09677 | .001    | 1        |
| S3        | 2.5000       | 2.5051      | .005       | .203    | .19517 | .001    | 1        |
| S4        | 5.0000       | 4.9852      | -.015      | -.297   | .38973 | .000    | 1        |
| S5        | 10.000       | 10.006      | .006       | .056    | .77123 | .002    | 1        |

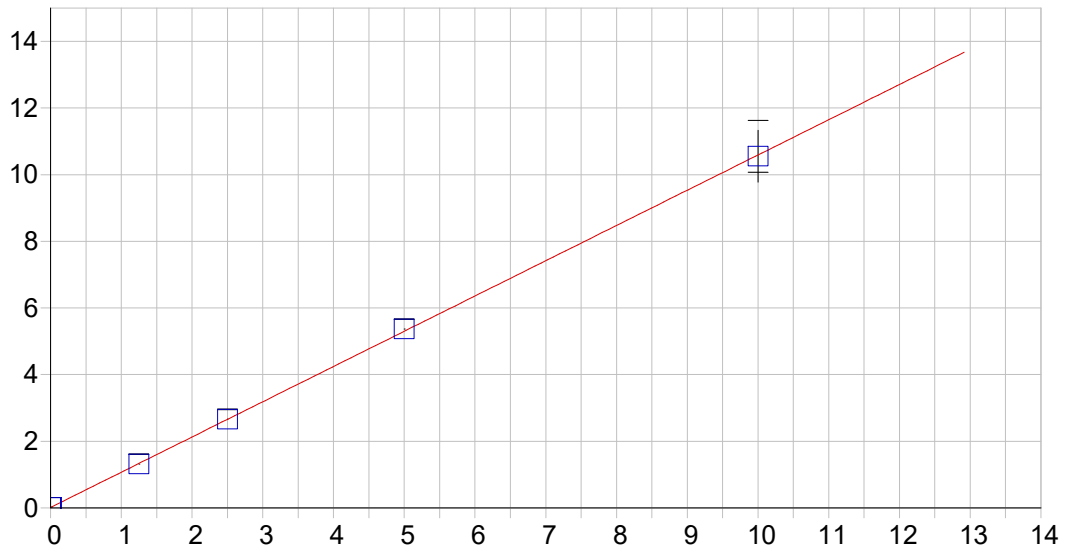


**Ti 336.121 {100}**

Date of Fit: 12/17/2020 16:33:03      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000510 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.616630 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999502 | Status:   | OK.      |
| Std Error of Est: | 0.001034 |           |          |
| Predicted MDL:    | 0.001011 |           |          |
| Predicted MQL:    | 0.003371 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00050 | .001    | 1        |
| S1        | .10000       | .10212      | .002       | 2.12    | .06348 | .000    | 1        |
| S2        | 1.2500       | 1.3013      | .051       | 4.10    | .80292 | .002    | 1        |
| S3        | 2.5000       | 2.6048      | .105       | 4.19    | 1.6067 | .003    | 1        |
| S4        | 5.0000       | 5.1349      | .135       | 2.70    | 3.1669 | .011    | 1        |
| S5        | 10.000       | 9.7069      | -.293      | -2.93   | 5.9861 | .452    | 1        |

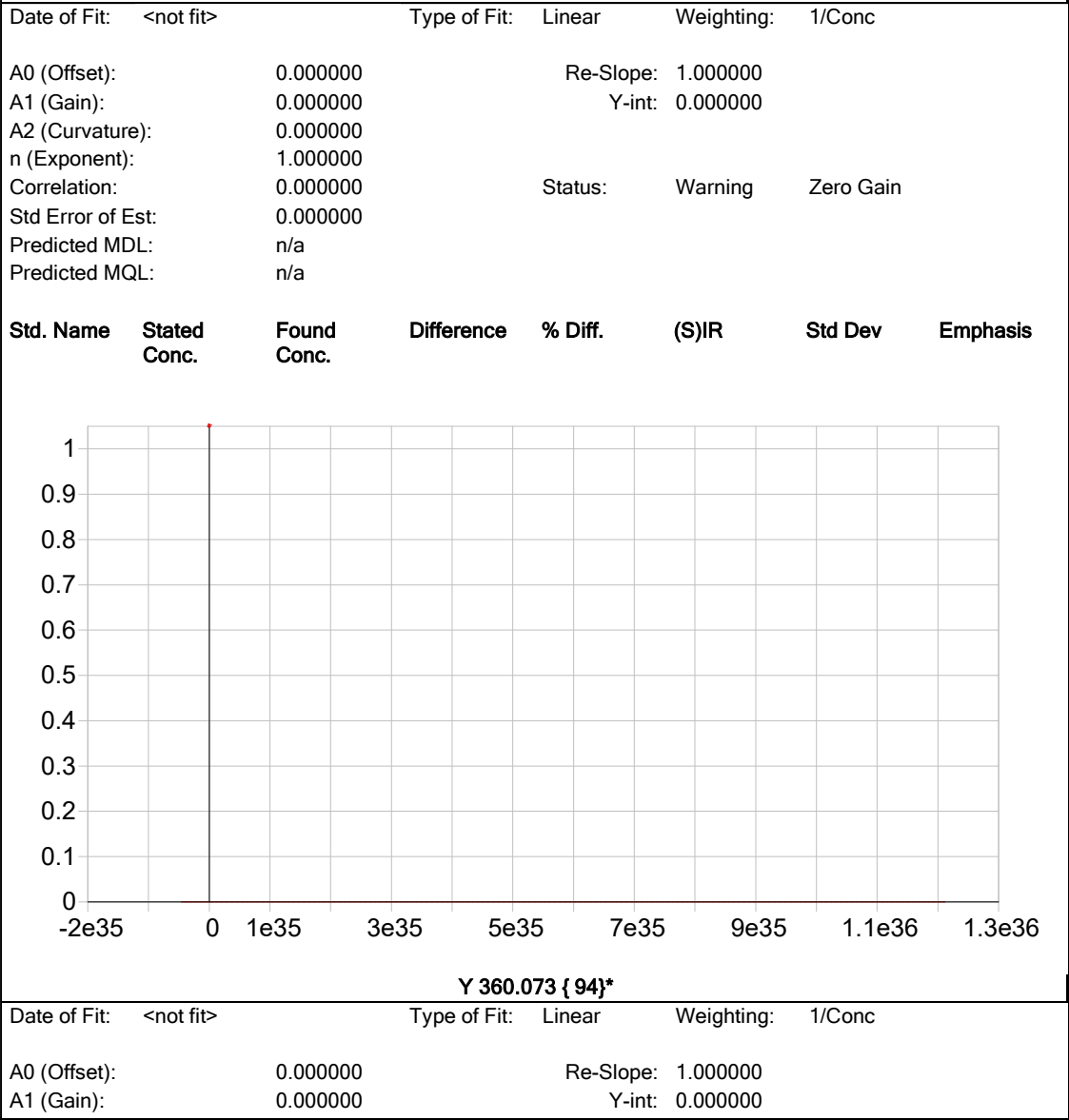
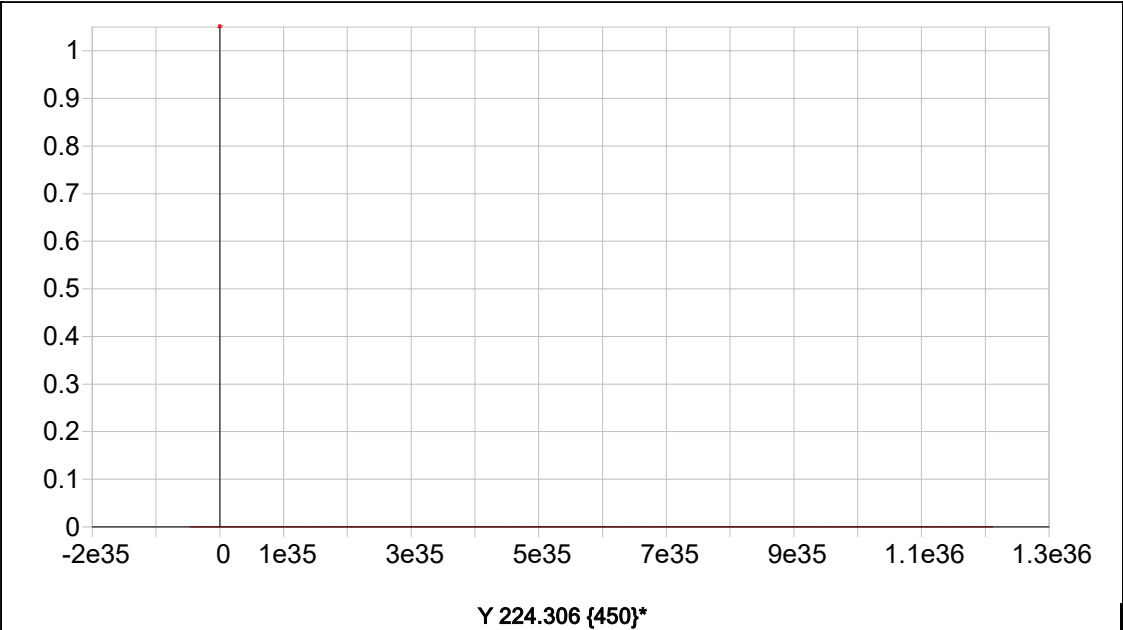


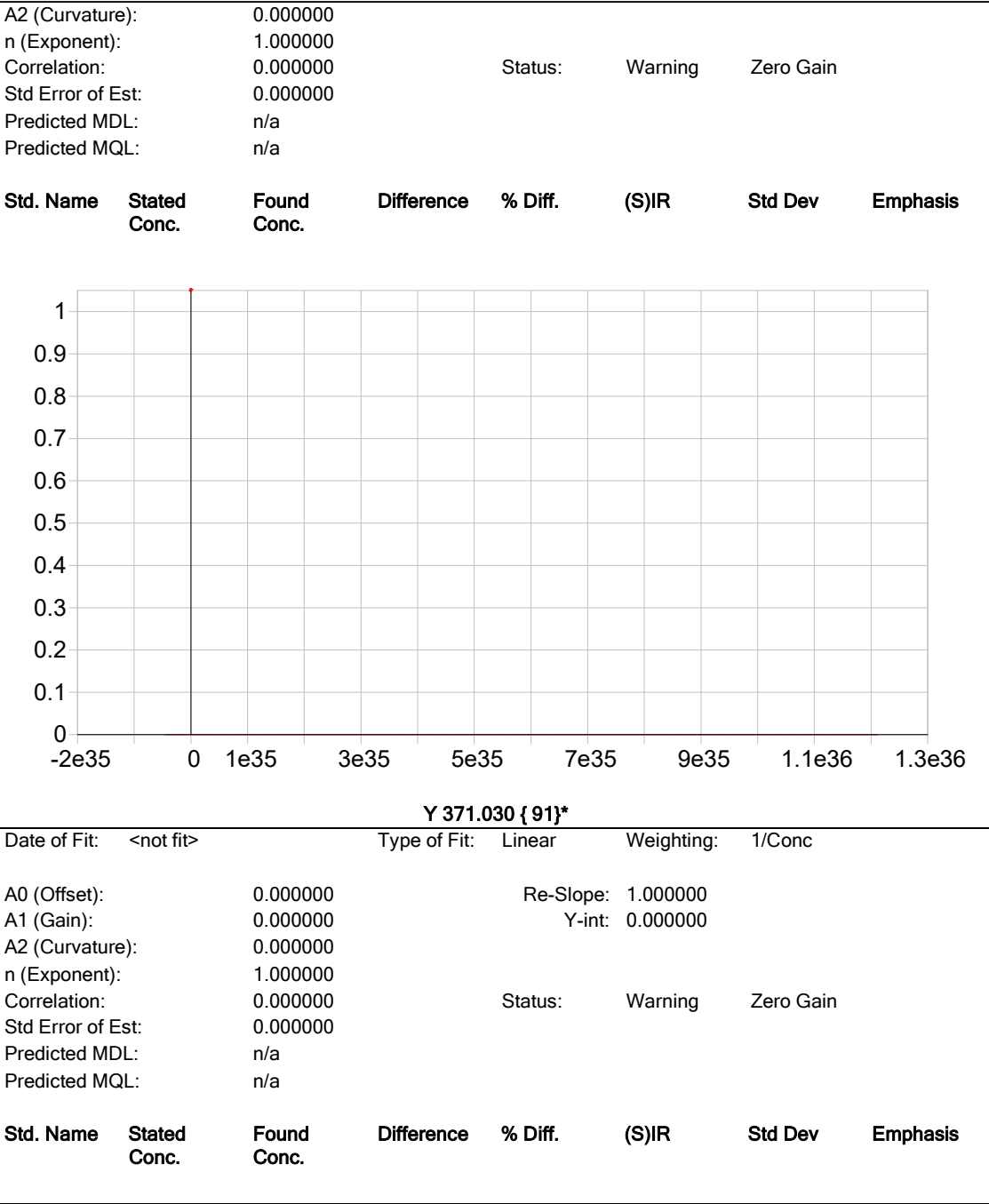
Li 670.784 { 50}

Date of Fit: 12/17/2020 16:33:03 Type of Fit: Linear Weighting: 1/Conc

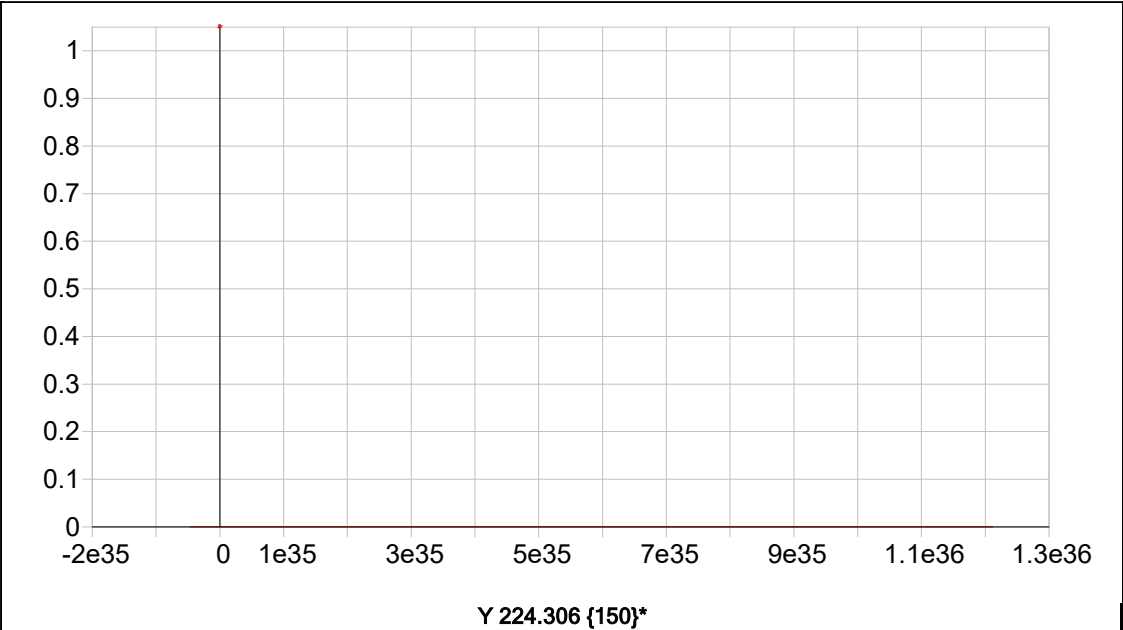
A0 (Offset): 0.013353 Re-Slope: 1.000000  
 A1 (Gain): 1.057715 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999955 Status: OK.  
 Std Error of Est: 0.000206  
 Predicted MDL: 0.001461  
 Predicted MQL: 0.004870

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .01336 | .001    | 1        |
| S5        | 10.000       | 9.9654      | -.035      | -.346   | 10.554 | .781    | 1        |
| S4        | 5.0000       | 5.0593      | .059       | 1.19    | 5.3646 | .001    | 1        |
| S3        | 2.5000       | 2.4987      | -.001      | -.051   | 2.6563 | .010    | 1        |
| S2        | 1.2500       | 1.2294      | -.021      | -1.65   | 1.3137 | .002    | 1        |
| S1        | .01500       | .01221      | -.003      | -18.6   | .02627 | .001    | 1        |









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

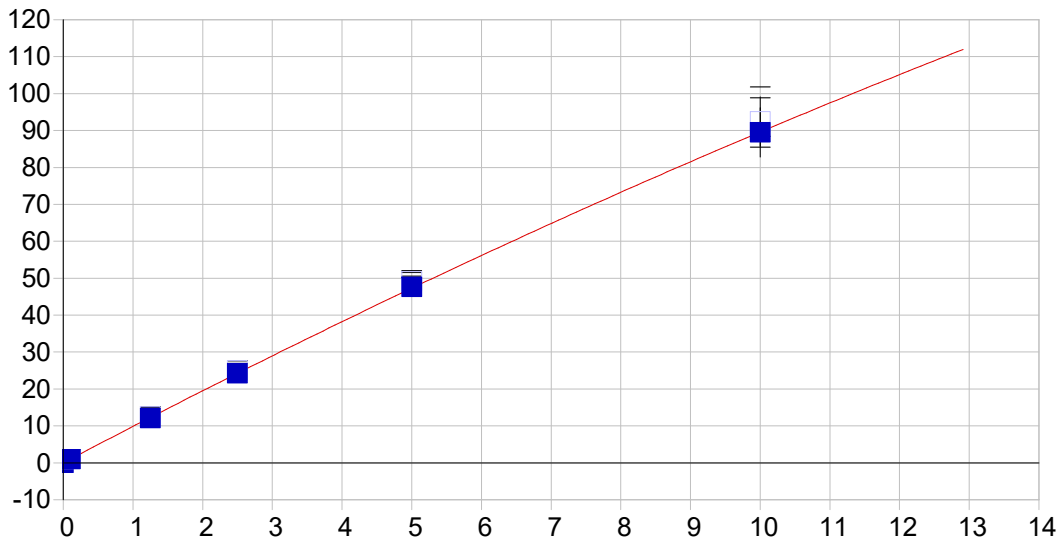
| Std. Name         | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-------------------|--------------|-------------|------------|---------|-------|---------|----------|
|                   |              |             |            |         |       |         |          |
| 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  
 Std Error of Est: 0.000000  
 Predicted MDL: n/a  
 Predicted MQL: n/a

Status: Warning Zero Gain

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



Sr 407.771 { 83}

Date of Fit: 12/17/2020 16:33:03 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000137 Re-Slope: 1.000000  
 A1 (Gain): 9.952131 Y-int: 0.000000  
 A2 (Curvature): -0.099182  
 n (Exponent): 1.000000  
 Correlation: 0.999988 Status: OK.  
 Std Error of Est: 0.002928  
 Predicted MDL: 0.000080  
 Predicted MQL: 0.000267

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00012 | .001    | 1        |
| S1        | .10000       | .09872      | -.001      | -1.28   | .98239  | .001    | 1        |
| S2        | 1.2500       | 1.2343      | -.016      | -1.25   | 12.506  | .011    | 1        |
| S3        | 2.5000       | 2.4978      | -.002      | -.088   | 24.986  | .031    | 1        |
| S4        | 5.0000       | 5.0360      | .036       | .719    | 49.096  | .271    | 1        |
| S5        | 10.000       | 9.9829      | -.017      | -.171   | 92.452  | 6.67    | 1        |