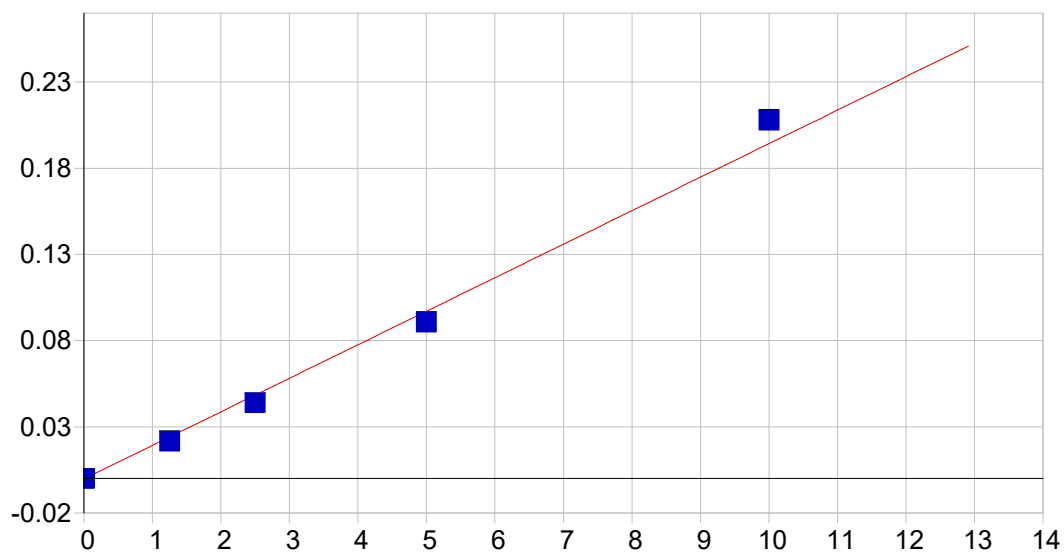


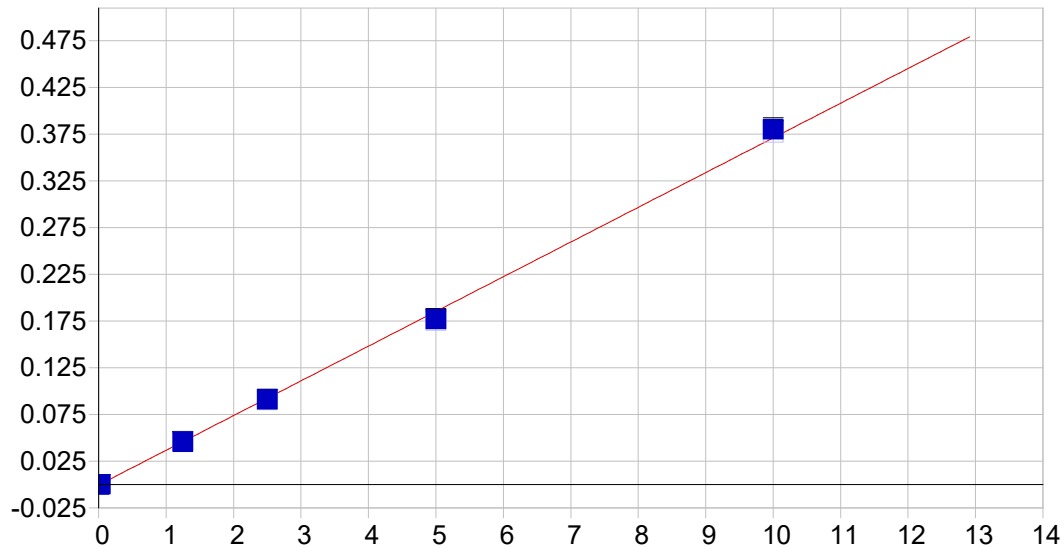


**As 189.042 {479}**

Date of Fit: 01/08/2022 1:10:34      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000207 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.019449  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.997223  | Status:   | OK.      |
| Std Error of Est: | 0.000024  |           |          |
| Predicted MDL:    | 0.011323  |           |          |
| Predicted MQL:    | 0.037744  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00021 | .000    | 1        |
| S1        | .01000       | .01055      | .001       | 5.46    | -.00000 | .000    | 1        |
| S2        | 1.2500       | 1.1224      | -.128      | -10.2   | .02163  | .000    | 1        |
| S3        | 2.5000       | 2.2674      | -.233      | -9.30   | .04390  | .000    | 1        |
| S4        | 5.0000       | 4.6676      | -.332      | -6.65   | .09059  | .000    | 1        |
| S5        | 10.000       | 10.692      | .692       | 6.92    | .20778  | .001    | 1        |

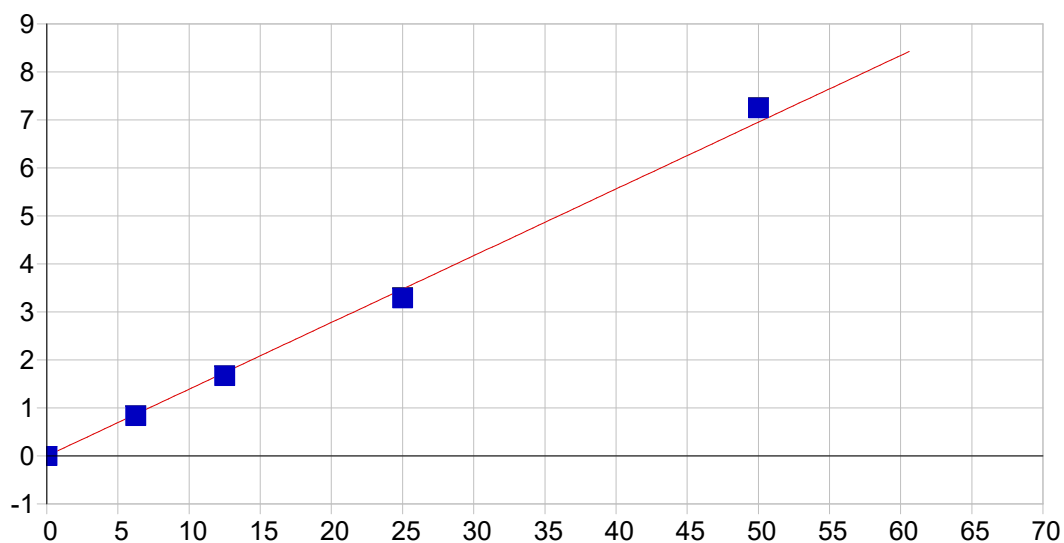


TI 190.856 {477}

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000473 Re-Slope: 1.000000  
 A1 (Gain): 0.037149 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999561 Status: OK.  
 Std Error of Est: 0.000029  
 Predicted MDL: 0.004947  
 Predicted MQL: 0.016491

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00047 | .000    | 1        |
| S1        | .02500       | .02616      | .001       | 4.63    | .00046  | .000    | 1        |
| S2        | 1.2500       | 1.2517      | .002       | .132    | .04560  | .000    | 1        |
| S3        | 2.5000       | 2.4686      | -.031      | -1.26   | .09039  | .000    | 1        |
| S4        | 5.0000       | 4.7809      | -.219      | -4.38   | .17544  | .001    | 1        |
| S5        | 10.000       | 10.248      | .248       | 2.48    | .37684  | .002    | 1        |

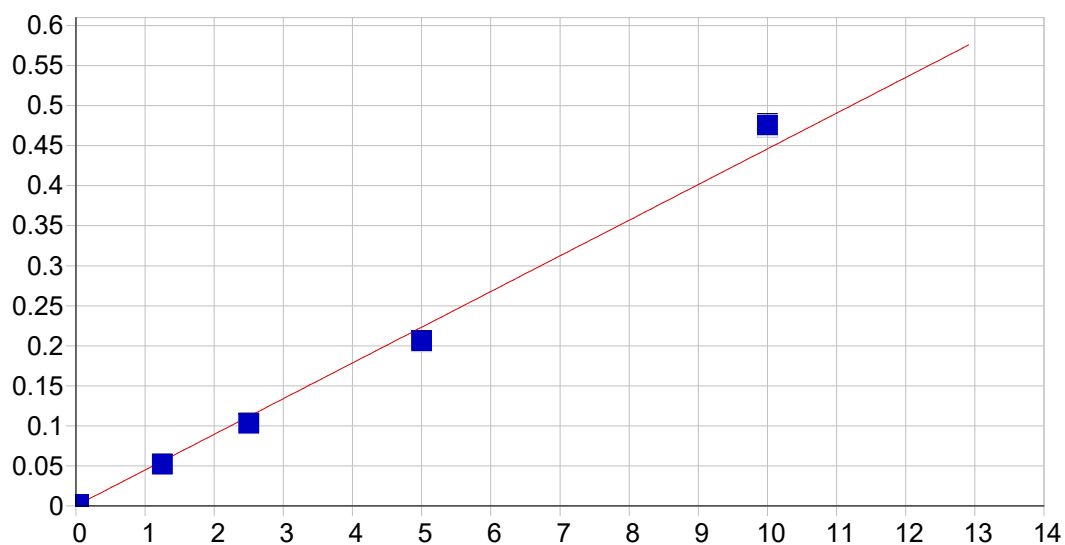


### Pb 220.353 {453}

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000358 Re-Slope: 1.000000  
 A1 (Gain): 0.139036 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998971 Status: OK.  
 Std Error of Est: 0.000237  
 Predicted MDL: 0.002636  
 Predicted MQL: 0.008786

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00036 | .001    | 1        |
| S1        | .01000       | .00937      | -.001      | -6.29   | .00094  | .000    | 1        |
| S2        | 6.2500       | 5.9984      | -.252      | -4.03   | .83361  | .001    | 1        |
| S3        | 12.500       | 11.986      | -.514      | -4.11   | 1.6660  | .003    | 1        |
| S4        | 25.000       | 23.653      | -1.35      | -5.39   | 3.2882  | .006    | 1        |
| S5        | 50.000       | 52.114      | 2.11       | 4.23    | 7.2451  | .009    | 1        |

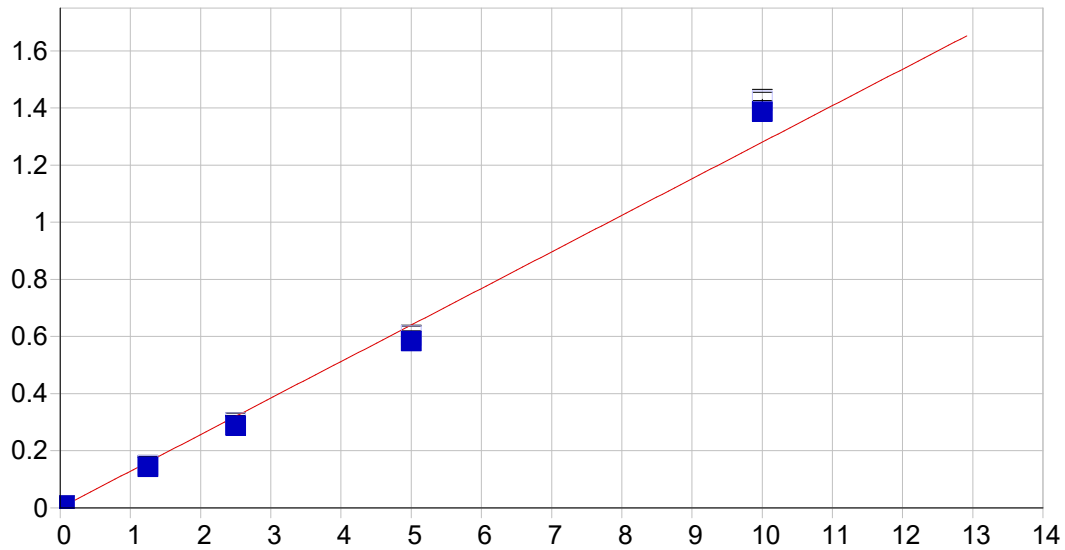


Se 196.090 {472}

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000283 Re-Slope: 1.000000  
 A1 (Gain): 0.044575 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.997444 Status: OK.  
 Std Error of Est: 0.000099  
 Predicted MDL: 0.006492  
 Predicted MQL: 0.021638

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00028 | .000    | 1        |
| S1        | .03500       | .03326      | -.002      | -4.98   | .00176 | .000    | 1        |
| S2        | 1.2500       | 1.1588      | -.091      | -7.30   | .05153 | .001    | 1        |
| S3        | 2.5000       | 2.3086      | -.191      | -7.66   | .10238 | .000    | 1        |
| S4        | 5.0000       | 4.6179      | -.382      | -7.64   | .20451 | .001    | 1        |
| S5        | 10.000       | 10.666      | .666       | 6.66    | .47251 | .002    | 1        |

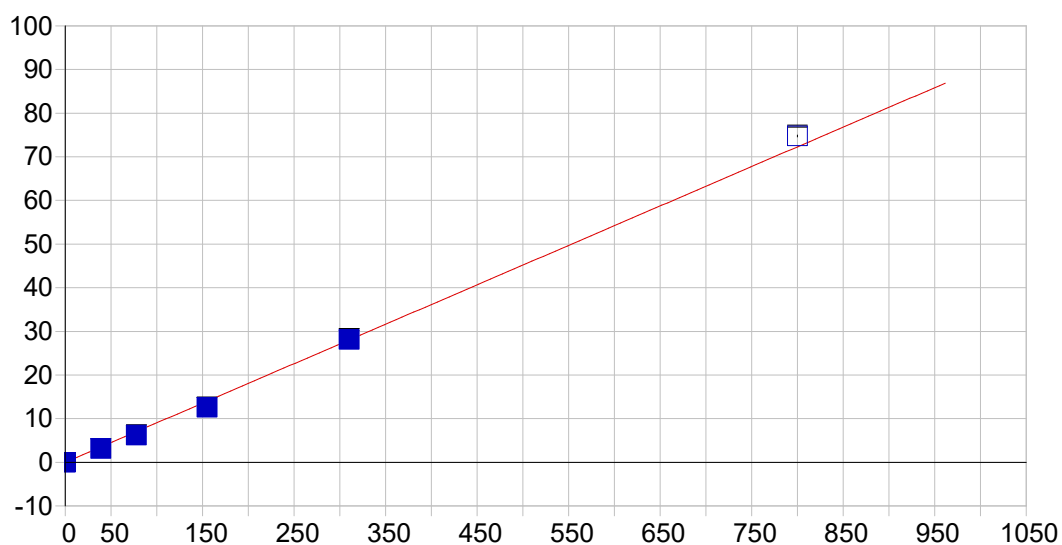


**Sb 206.833 {463}**

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000609 Re-Slope: 1.000000  
 A1 (Gain): 0.127950 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.996317 Status: OK.  
 Std Error of Est: 0.000467  
 Predicted MDL: 0.002871  
 Predicted MQL: 0.009571

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00061 | .000    | 1        |
| S1        | .06000       | .05398      | -.006      | -10.0   | .00752 | .000    | 1        |
| S2        | 1.2500       | 1.1199      | -.130      | -10.4   | .14878 | .000    | 1        |
| S3        | 2.5000       | 2.2479      | -.252      | -10.1   | .29799 | .001    | 1        |
| S4        | 5.0000       | 4.5570      | -.443      | -8.86   | .60321 | .001    | 1        |
| S5        | 10.000       | 10.831      | .831       | 8.31    | 1.4255 | .005    | 1        |

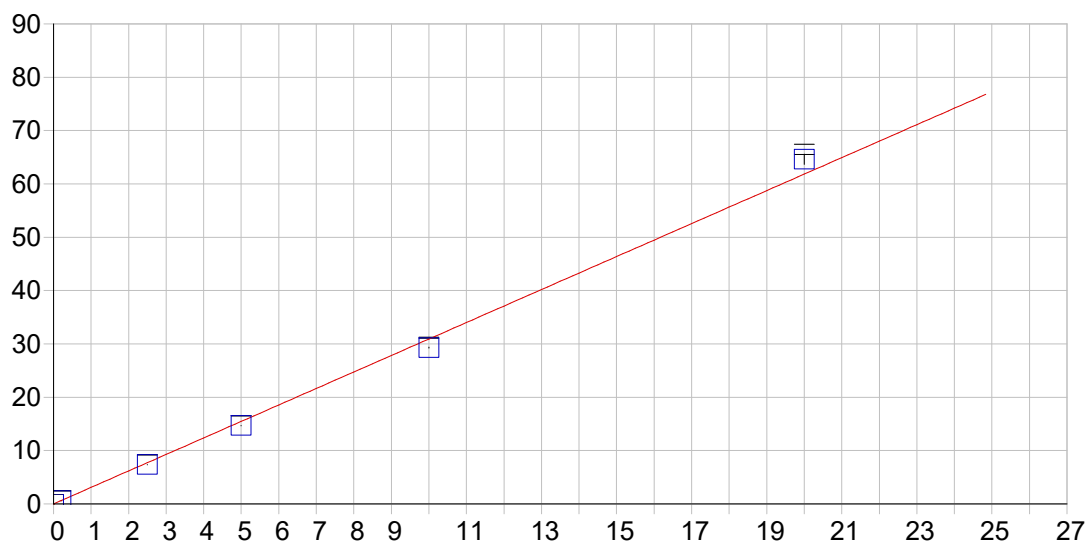


AI 396.152 { 85}

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001630 Re-Slope: 1.000000  
A1 (Gain): 0.090369 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.998588 Status: OK.  
Std Error of Est: 0.002990  
Predicted MDL: 0.010070  
Predicted MQL: 0.033567

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00008      | .000       | .000    | -.00162 | .001    | 1        |
| S1        | .20000       | .17216      | -.028      | -13.9   | .01396  | .001    | 1        |
| S2        | 38.750       | 34.528      | -4.22      | -10.9   | 3.1223  | .008    | 1        |
| S3        | 77.500       | 68.896      | -8.60      | -11.1   | 6.2318  | .029    | 1        |
| S4        | 155.00       | 139.44      | -15.6      | -10.0   | 12.614  | .019    | 1        |
| S5        | 310.00       | 311.21      | 1.21       | .391    | 28.152  | .205    | 1        |
| S6        | 800.00       | 827.23      | 27.2       | 3.40    | 74.754  | .224    | 1        |

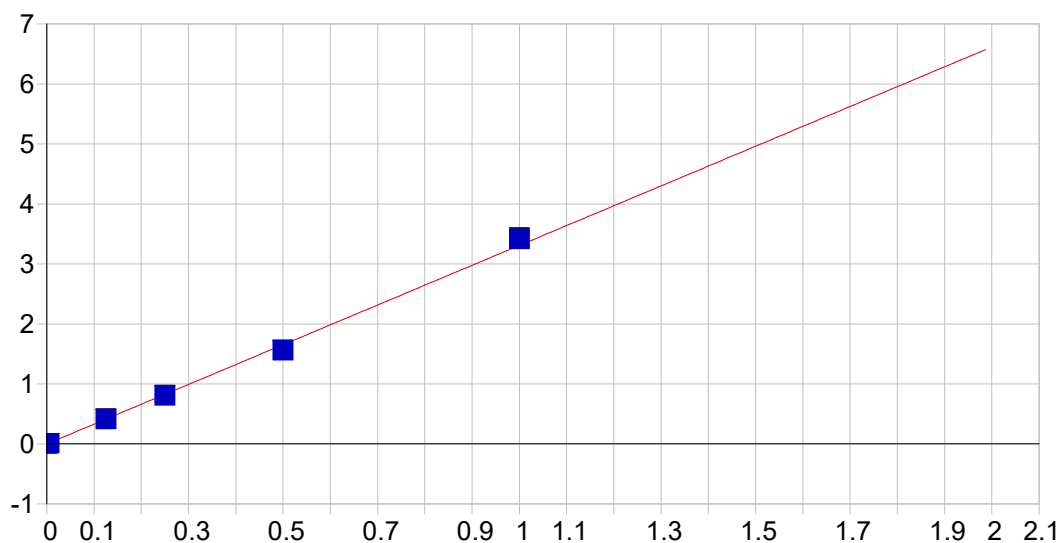


**Ba 493.409 { 68}**

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004340 Re-Slope: 1.000000  
 A1 (Gain): 3.091491 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998852 Status: OK.  
 Std Error of Est: 0.015758  
 Predicted MDL: 0.000619  
 Predicted MQL: 0.002064

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00003      | .000       | .000    | .00444 | .001    | 1        |
| S1        | .20000       | .18962      | -.010      | -5.19   | .59056 | .003    | 1        |
| S2        | 2.5000       | 2.3818      | -.118      | -4.73   | 7.3676 | .018    | 1        |
| S3        | 5.0000       | 4.7495      | -.250      | -5.01   | 14.687 | .041    | 1        |
| S4        | 10.000       | 9.4771      | -.523      | -5.23   | 29.303 | .113    | 1        |
| S5        | 20.000       | 20.902      | .902       | 4.51    | 64.623 | .951    | 1        |

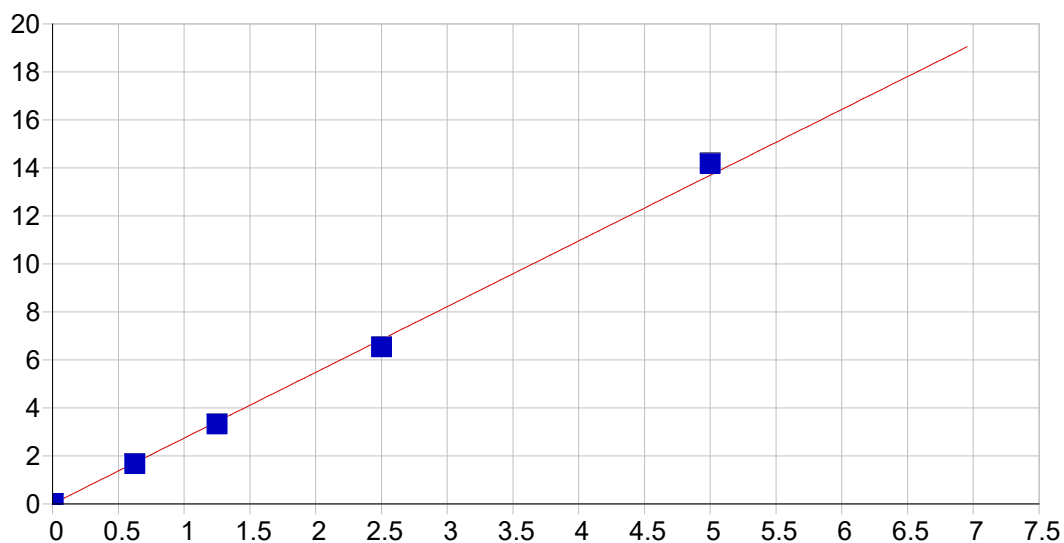


### Be 234.861 {144}

Date of Fit: 01/08/2022 1:10:34      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000984 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.308332  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999257  | Status:   | OK.      |
| Std Error of Est: | 0.000478  |           |          |
| Predicted MDL:    | 0.000088  |           |          |
| Predicted MQL:    | 0.000292  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00098 | .000    | 1        |
| S1        | .00500       | .00483      | -.000      | -3.49   | .01497  | .000    | 1        |
| S2        | .12500       | .12511      | .000       | .087    | .41185  | .005    | 1        |
| S3        | .25000       | .24432      | -.006      | -2.27   | .80517  | .004    | 1        |
| S4        | .50000       | .47233      | -.028      | -5.53   | 1.5574  | .004    | 1        |
| S5        | 1.0000       | 1.0334      | .033       | 3.34    | 3.4094  | .018    | 1        |

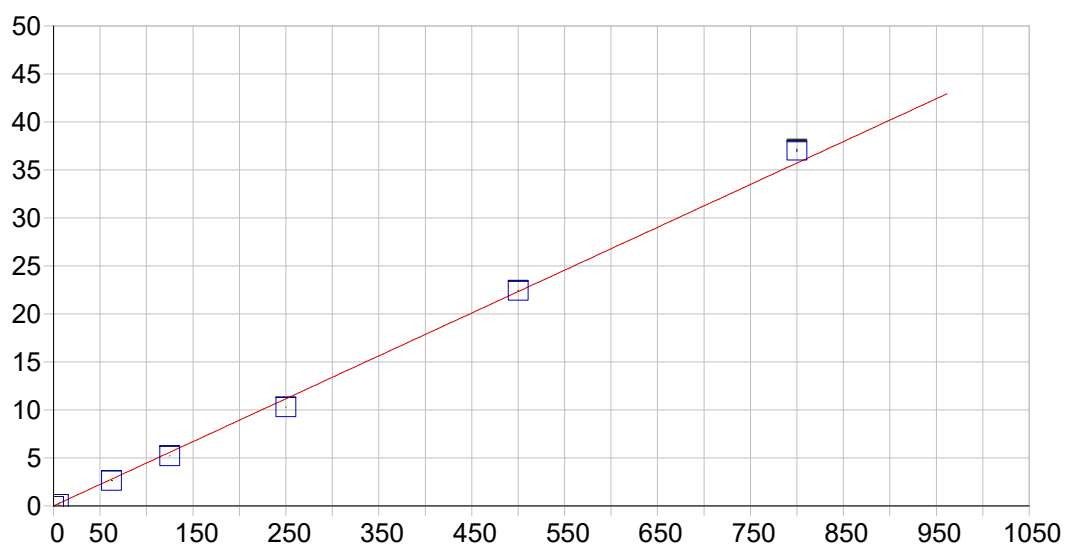


**Cd 214.438 {457}**

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000931 Re-Slope: 1.000000  
 A1 (Gain): 2.739991 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999311 Status: OK.  
 Std Error of Est: 0.000855  
 Predicted MDL: 0.000107  
 Predicted MQL: 0.000356

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00093  | .000    | 1        |
| S1        | .00500       | .00485      | -.000      | -3.07   | .01422  | .000    | 1        |
| S2        | .00777       | .00777      | -.017      | -2.76   | 0.01696 | .001    | 1        |
| S3        | .01219       | .01219      | -.038      | -3.05   | 0.03328 | .004    | 1        |
| S4        | .02383       | .02383      | -.116      | -4.66   | 0.06545 | .014    | 1        |
| S5        | .05172       | .05172      | .172       | 3.44    | 0.14199 | .012    | 1        |

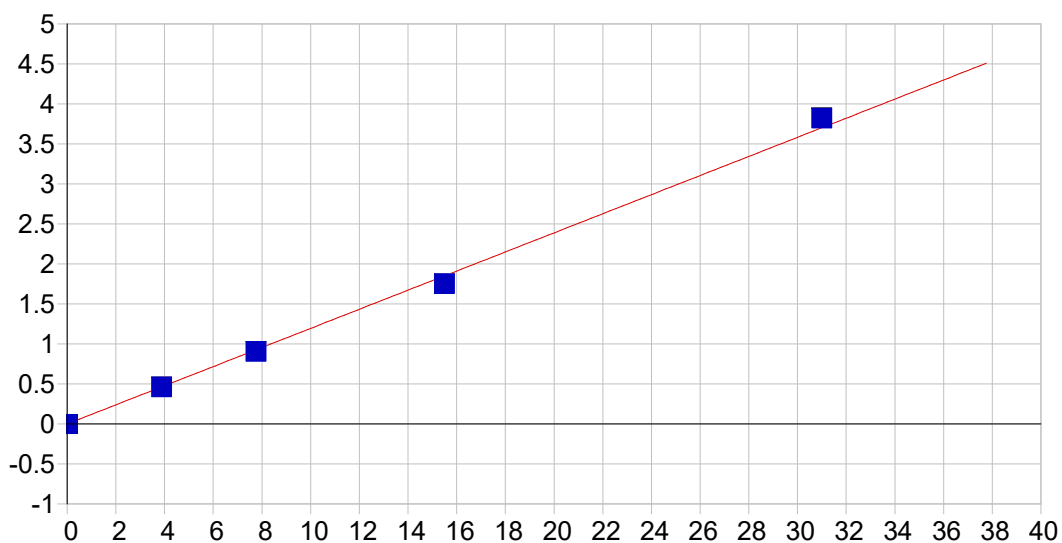


Ca 373.690 { 90}

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001244 Re-Slope: 1.000000  
 A1 (Gain): 0.044647 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999033 Status: OK.  
 Std Error of Est: 0.006857  
 Predicted MDL: 0.016185  
 Predicted MQL: 0.053951

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00104      | .001       | .000    | .00129 | .000    | 1        |
| S1        | 5.0000       | 4.7427      | -.257      | -5.15   | .21299 | .001    | 1        |
| S2        | 62.500       | 59.151      | -3.35      | -5.36   | 2.6421 | .007    | 1        |
| S3        | 125.00       | 116.73      | -8.27      | -6.61   | 5.2131 | .011    | 1        |
| S4        | 250.00       | 230.34      | -19.7      | -7.87   | 10.285 | .016    | 1        |
| S5        | 500.00       | 502.16      | 2.16       | .432    | 22.421 | .062    | 1        |
| S6        | 800.00       | 829.38      | 29.4       | 3.67    | 37.030 | .124    | 1        |

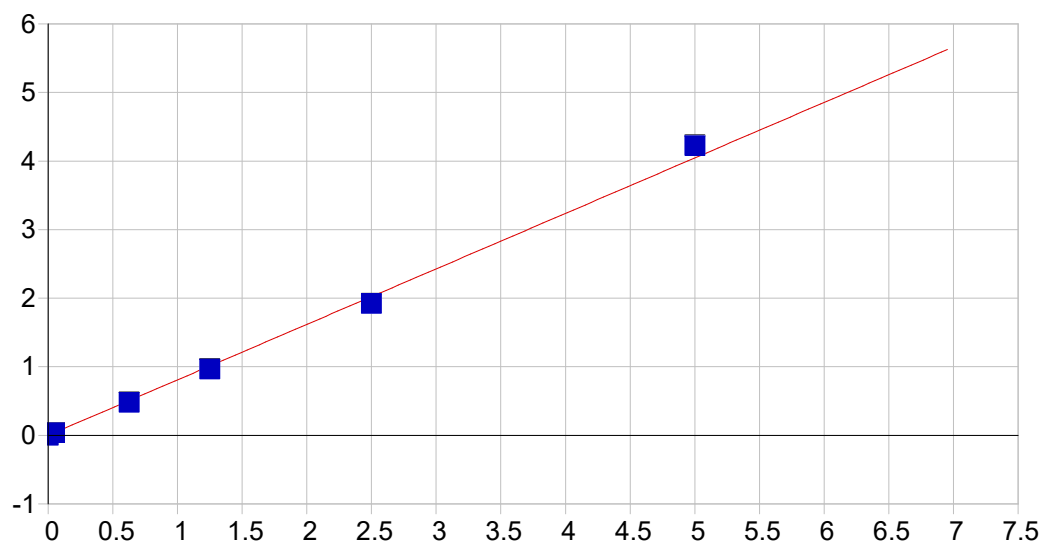


**Cr 267.716 {126}**

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000032 Re-Slope: 1.000000  
 A1 (Gain): 0.119410 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999314 Status: OK.  
 Std Error of Est: 0.000131  
 Predicted MDL: 0.000619  
 Predicted MQL: 0.002065

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00003 | .000    | 1        |
| S1        | .01000       | .01009      | .000       | .950    | .00117  | .000    | 1        |
| S2        | 3.8750       | 3.8689      | -.006      | -.157   | .46209  | .001    | 1        |
| S3        | 7.7500       | 7.5704      | -.180      | -2.32   | .90422  | .001    | 1        |
| S4        | 15.500       | 14.682      | -.818      | -5.28   | 1.7536  | .001    | 1        |
| S5        | 31.000       | 32.004      | 1.00       | 3.24    | 3.8226  | .006    | 1        |

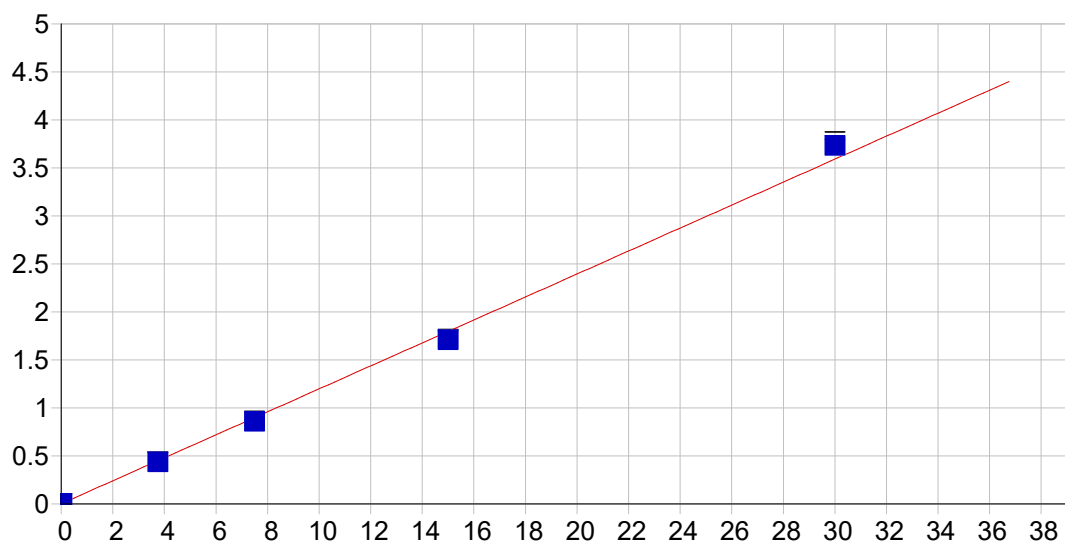


Co 228.616 {448}

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000025 Re-Slope: 1.000000  
 A1 (Gain): 0.809040 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998904 Status: OK.  
 Std Error of Est: 0.001009  
 Predicted MDL: 0.000358  
 Predicted MQL: 0.001193

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00003 | .000    | 1        |
| S1        | .05000       | .04598      | -.004      | -8.04   | .03736 | .000    | 1        |
| S2        | .62500       | .59421      | -.031      | -4.93   | .48153 | .001    | 1        |
| S3        | 1.2500       | 1.1923      | -.058      | -4.62   | .96615 | .002    | 1        |
| S4        | 2.5000       | 2.3721      | -.128      | -5.11   | 1.9222 | .003    | 1        |
| S5        | 5.0000       | 5.2204      | .220       | 4.41    | 4.2296 | .006    | 1        |

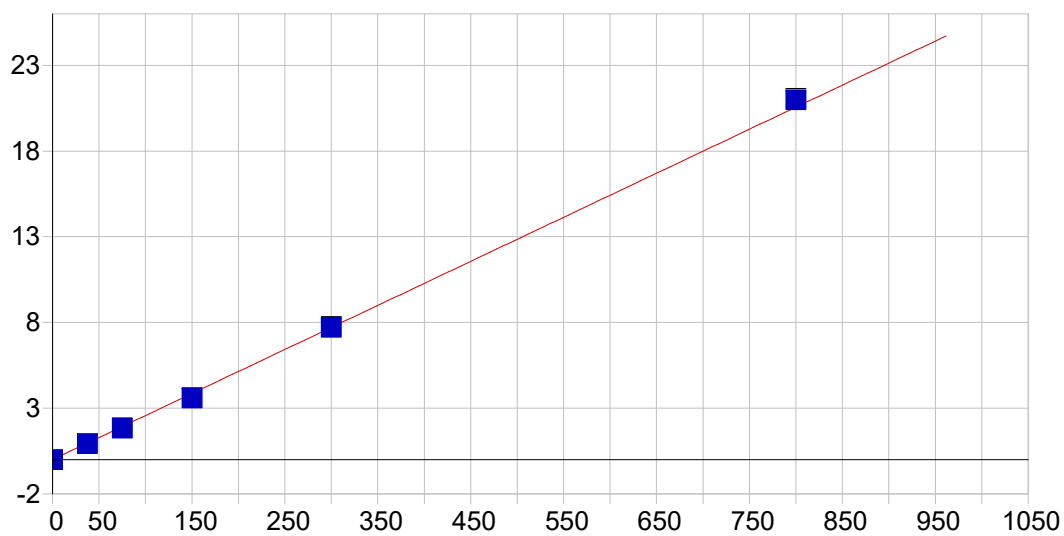


**Cu 324.754 {104}**

Date of Fit: 01/08/2022 1:10:34      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001733 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.119650 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999085 | Status:   | OK.      |
| Std Error of Est: | 0.000235 |           |          |
| Predicted MDL:    | 0.003517 |           |          |
| Predicted MQL:    | 0.011722 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00173 | .000    | 1        |
| S1        | .02500       | .02401      | -.001      | -3.95   | .00460 | .000    | 1        |
| S2        | 3.7500       | 3.6275      | -.123      | -3.27   | .43516 | .003    | 1        |
| S3        | 7.5000       | 7.1607      | -.339      | -4.52   | .85729 | .004    | 1        |
| S4        | 15.000       | 14.267      | -.733      | -4.89   | 1.7063 | .009    | 1        |
| S5        | 30.000       | 31.196      | 1.20       | 3.99    | 3.7295 | .040    | 1        |

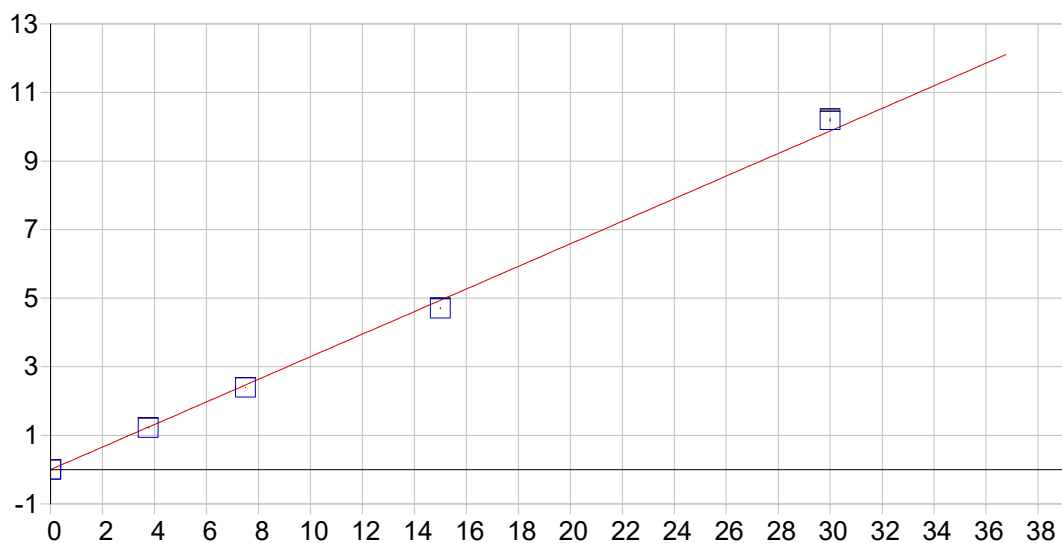


**Fe 259.837 {130}**

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000274 Re-Slope: 1.000000  
 A1 (Gain): 0.025700 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999515 Status: OK.  
 Std Error of Est: 0.000350  
 Predicted MDL: 0.013580  
 Predicted MQL: 0.045265

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00004      | .000       | .000    | .00027 | .001    | 1        |
| S1        | .10000       | .07464      | -.025      | -25.4   | .00220 | .000    | 1        |
| S2        | 37.500       | 36.148      | -1.35      | -3.61   | .93043 | .004    | 1        |
| S3        | 75.000       | 71.091      | -3.91      | -5.21   | 1.8296 | .007    | 1        |
| S4        | 150.00       | 139.45      | -10.5      | -7.03   | 3.5888 | .009    | 1        |
| S5        | 300.00       | 299.72      | -.276      | -.092   | 7.7124 | .032    | 1        |
| S6        | 800.00       | 816.12      | 16.1       | 2.02    | 20.989 | .082    | 1        |

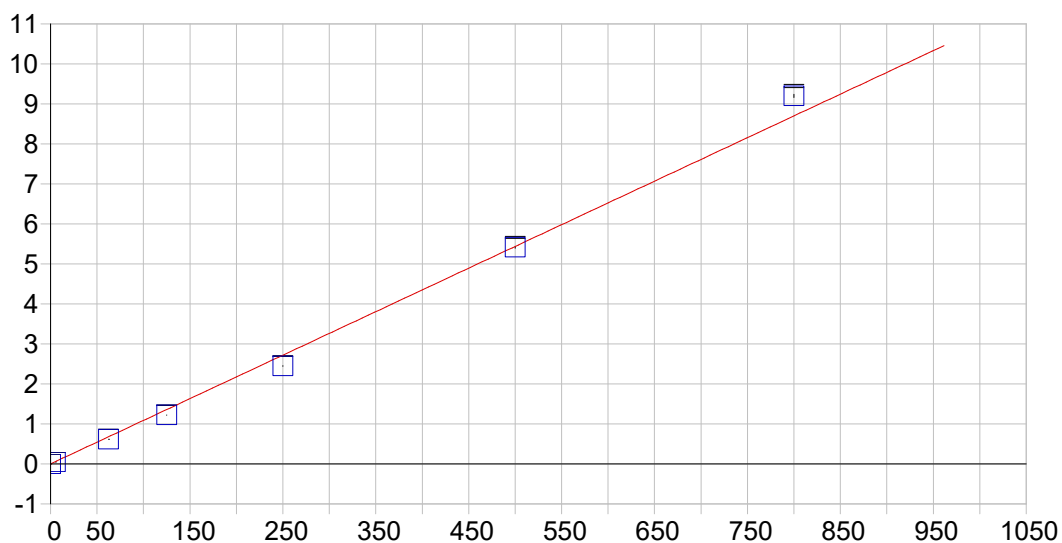


### Mn 257.610 {131}

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000107 Re-Slope: 1.000000  
 A1 (Gain): 0.329243 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999357 Status: OK.  
 Std Error of Est: 0.000420  
 Predicted MDL: 0.000663  
 Predicted MQL: 0.002209

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00011 | .000    | 1        |
| S1        | .01500       | .01403      | -.001      | -6.47   | .00473 | .000    | 1        |
| S2        | 3.7500       | 3.7068      | -.043      | -1.15   | 1.2206 | .004    | 1        |
| S3        | 7.5000       | 7.2738      | -.226      | -3.02   | 2.3949 | .003    | 1        |
| S4        | 15.000       | 14.294      | -.706      | -4.71   | 4.7062 | .016    | 1        |
| S5        | 30.000       | 30.977      | .977       | 3.26    | 10.199 | .039    | 1        |

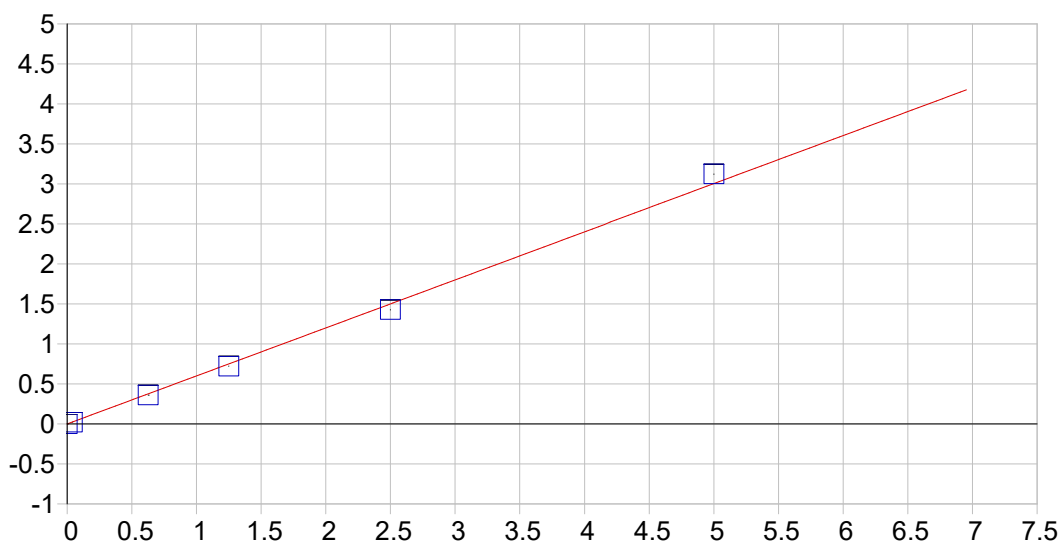


### Mg 279.079 {121}

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000356 Re-Slope: 1.000000  
 A1 (Gain): 0.010876 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.997996 Status: OK.  
 Std Error of Est: 0.002407  
 Predicted MDL: 0.027649  
 Predicted MQL: 0.092164

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00155      | .002       | .000    | -.00034 | .000    | 1        |
| S1        | 5.0000       | 4.6620      | -.338      | -6.76   | .05035  | .001    | 1        |
| S2        | 62.500       | 56.522      | -5.98      | -9.56   | .61436  | .002    | 1        |
| S3        | 125.00       | 112.33      | -12.7      | -10.1   | 1.2213  | .003    | 1        |
| S4        | 250.00       | 225.11      | -24.9      | -9.96   | 2.4479  | .005    | 1        |
| S5        | 500.00       | 497.95      | -2.05      | -.411   | 5.4151  | .027    | 1        |
| S6        | 800.00       | 845.93      | 45.9       | 5.74    | 9.1996  | .039    | 1        |

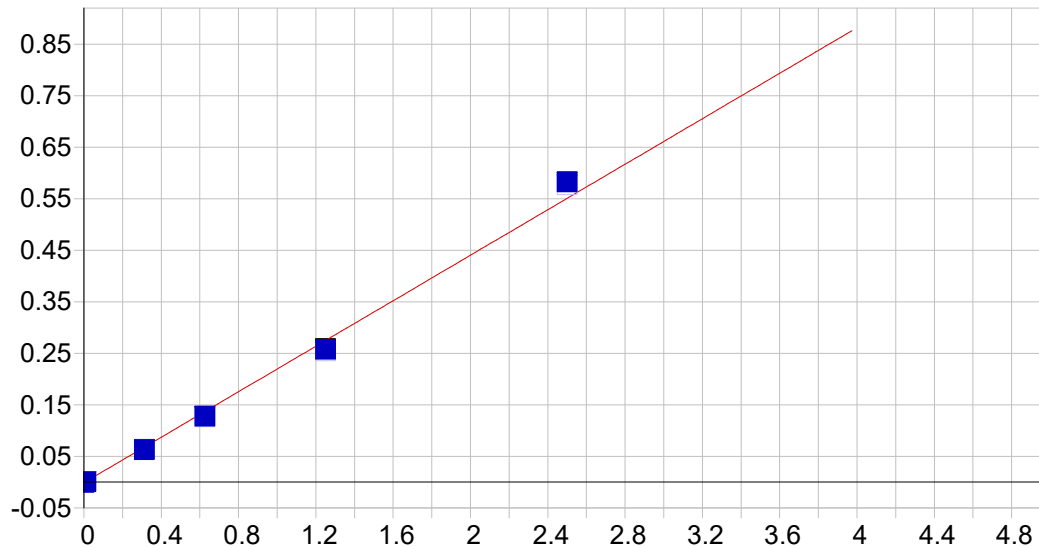


**Ni 231.604 {446}**

Date of Fit: 01/08/2022 1:10:34      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000806 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.600673  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999097  | Status:   | OK.      |
| Std Error of Est: | 0.000607  |           |          |
| Predicted MDL:    | 0.000555  |           |          |
| Predicted MQL:    | 0.001851  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00080 | .000    | 1        |
| S1        | .04000       | .03781      | -.002      | -5.47   | .02191  | .000    | 1        |
| S2        | .62500       | .60117      | -.024      | -3.81   | .36030  | .001    | 1        |
| S3        | 1.2500       | 1.2005      | -.050      | -3.96   | .72028  | .002    | 1        |
| S4        | 2.5000       | 2.3765      | -.123      | -4.94   | 1.4267  | .003    | 1        |
| S5        | 5.0000       | 5.1991      | .199       | 3.98    | 3.1221  | .003    | 1        |

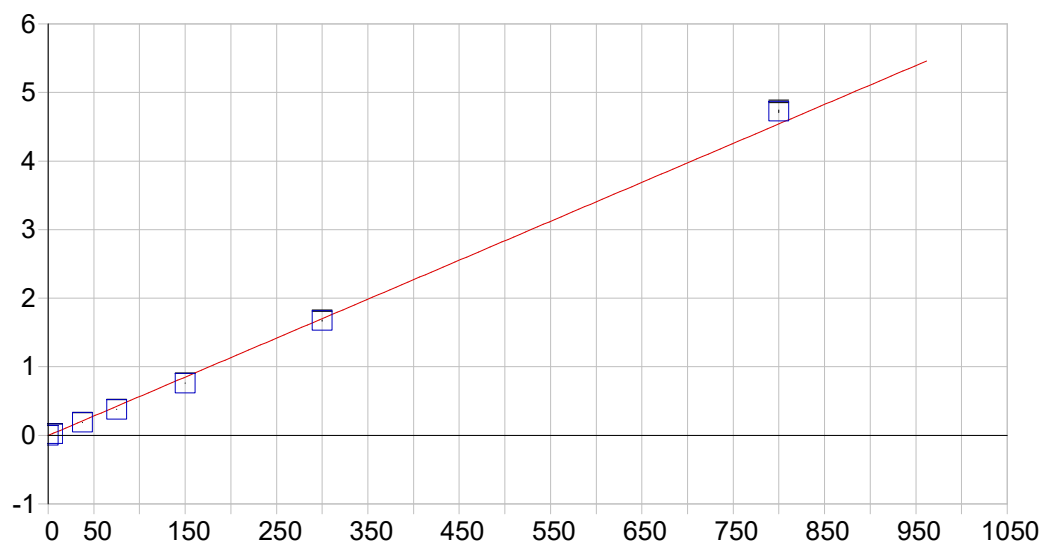


**Ag 328.068 {103}**

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001126 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.220746  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.998112  | Status:   | OK.      |
| Std Error of Est: | 0.000113  |           |          |
| Predicted MDL:    | 0.000556  |           |          |
| Predicted MQL:    | 0.001853  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00113 | .000    | 1        |
| S1        | .01000       | .00897      | -.001      | -10.3   | .00084  | .000    | 1        |
| S2        | .31250       | .29193      | -.021      | -6.58   | .06258  | .000    | 1        |
| S3        | .62500       | .58410      | -.041      | -6.54   | .12634  | .000    | 1        |
| S4        | 1.2500       | 1.1699      | -.080      | -6.41   | .25418  | .002    | 1        |
| S5        | 2.5000       | 2.6426      | .143       | 5.71    | .57636  | .001    | 1        |

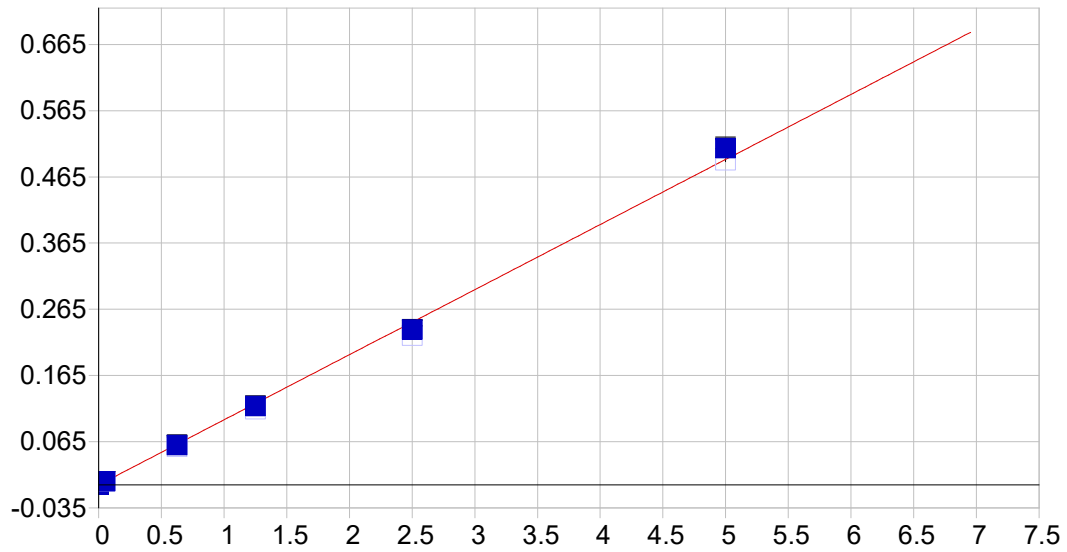


**Na 818.326 { 41}**

Date of Fit: 01/08/2022 1:10:34      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.002349 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.005680  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.998437  | Status:   | OK.      |
| Std Error of Est: | 0.000983  |           |          |
| Predicted MDL:    | 0.270634  |           |          |
| Predicted MQL:    | 0.902113  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00196      | .002       | .000    | -.00234 | .001    | 1        |
| S1        | 5.0000       | 4.4581      | -.542      | -10.8   | .02297  | .002    | 1        |
| S2        | 37.500       | 33.766      | -3.73      | -9.96   | .18943  | .002    | 1        |
| S3        | 75.000       | 67.115      | -7.88      | -10.5   | .37884  | .003    | 1        |
| S4        | 150.00       | 134.44      | -15.6      | -10.4   | .76119  | .002    | 1        |
| S5        | 300.00       | 295.13      | -4.87      | -1.62   | 1.6738  | .010    | 1        |
| S6        | 800.00       | 832.60      | 32.6       | 4.08    | 4.7265  | .018    | 1        |

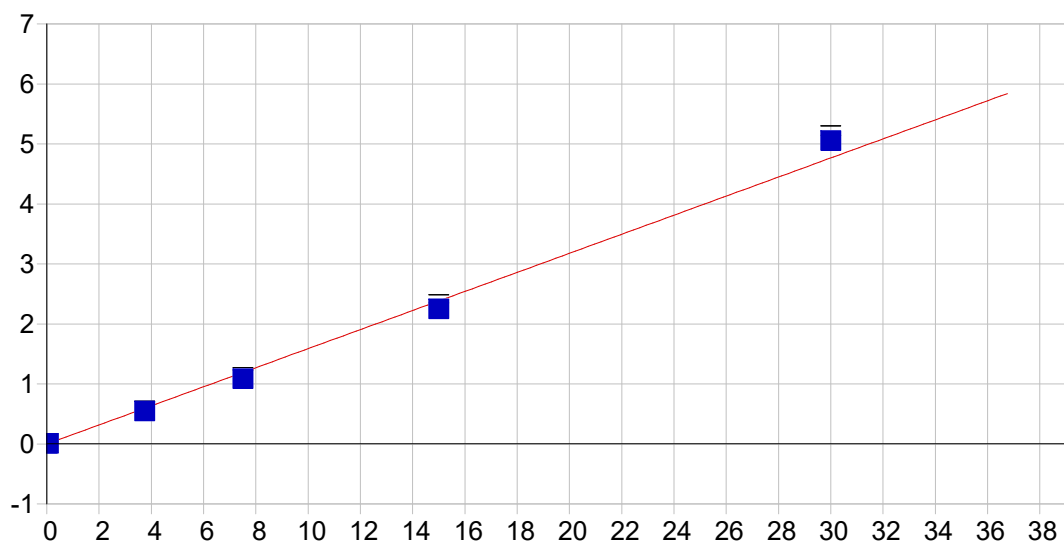


**V 292.402 {115}**

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000242 Re-Slope: 1.000000  
 A1 (Gain): 0.098311 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999237 Status: OK.  
 Std Error of Est: 0.000098  
 Predicted MDL: 0.003654  
 Predicted MQL: 0.012179

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00024 | .000    | 1        |
| S1        | .05000       | .05254      | .003       | 5.08    | .00491  | .000    | 1        |
| S2        | .62500       | .60846      | -.017      | -2.65   | .05731  | .000    | 1        |
| S3        | 1.2500       | 1.2090      | -.041      | -3.28   | .11410  | .001    | 1        |
| S4        | 2.5000       | 2.3826      | -.117      | -4.69   | .22495  | .001    | 1        |
| S5        | 5.0000       | 5.1722      | .172       | 3.44    | .49016  | .002    | 1        |

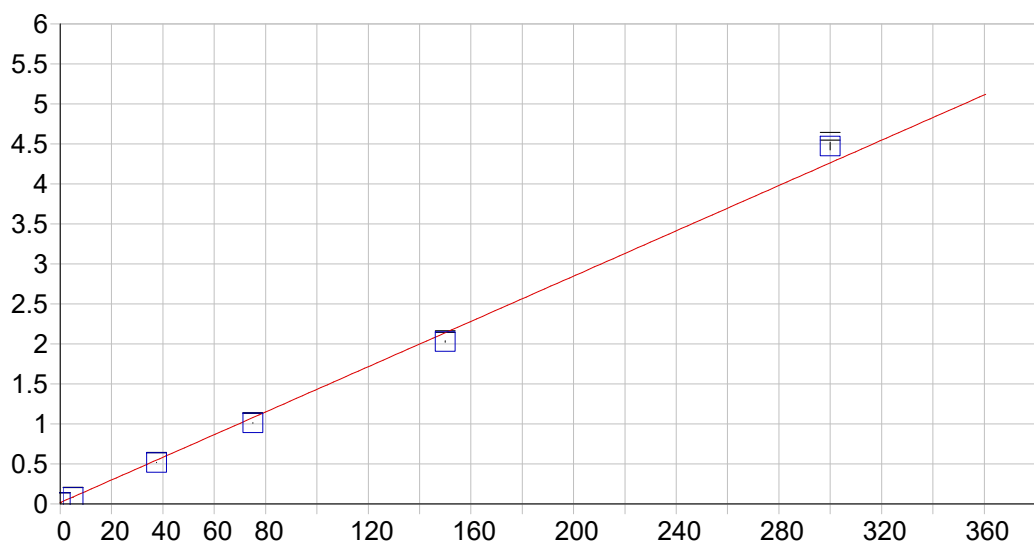


**Zn 213.856 {158}**

Date of Fit: 01/08/2022 1:10:34      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001233 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.158898  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.997856  | Status:   | OK.      |
| Std Error of Est: | 0.000742  |           |          |
| Predicted MDL:    | 0.006574  |           |          |
| Predicted MQL:    | 0.021912  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00123 | .001    | 1        |
| S1        | .06000       | .05570      | -.004      | -7.17   | .00765  | .000    | 1        |
| S2        | 3.7500       | 3.4327      | -.317      | -8.46   | .54469  | .000    | 1        |
| S3        | 7.5000       | 6.8345      | -.665      | -8.87   | 1.0857  | .019    | 1        |
| S4        | 15.000       | 14.168      | -.832      | -5.54   | 2.2520  | .069    | 1        |
| S5        | 30.000       | 31.819      | 1.82       | 6.06    | 5.0585  | .078    | 1        |

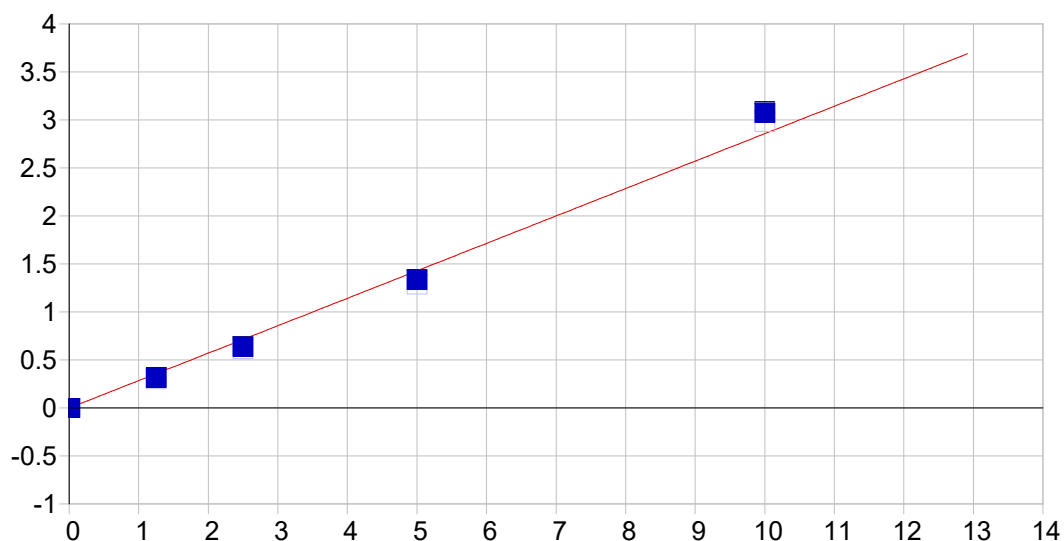


K 769.896 { 44 }

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016178 Re-Slope: 1.000000  
 A1 (Gain): 0.014157 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998642 Status: OK.  
 Std Error of Est: 0.001523  
 Predicted MDL: 0.090977  
 Predicted MQL: 0.303257

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00086      | .001       | .000    | .01619 | .001    | 1        |
| S1        | 5.0000       | 4.7383      | -.262      | -5.23   | .08326 | .001    | 1        |
| S2        | 37.500       | 35.386      | -2.11      | -5.64   | .51712 | .003    | 1        |
| S3        | 75.000       | 70.422      | -4.58      | -6.10   | 1.0131 | .004    | 1        |
| S4        | 150.00       | 142.20      | -7.80      | -5.20   | 2.0292 | .010    | 1        |
| S5        | 300.00       | 314.76      | 14.8       | 4.92    | 4.4721 | .049    | 1        |

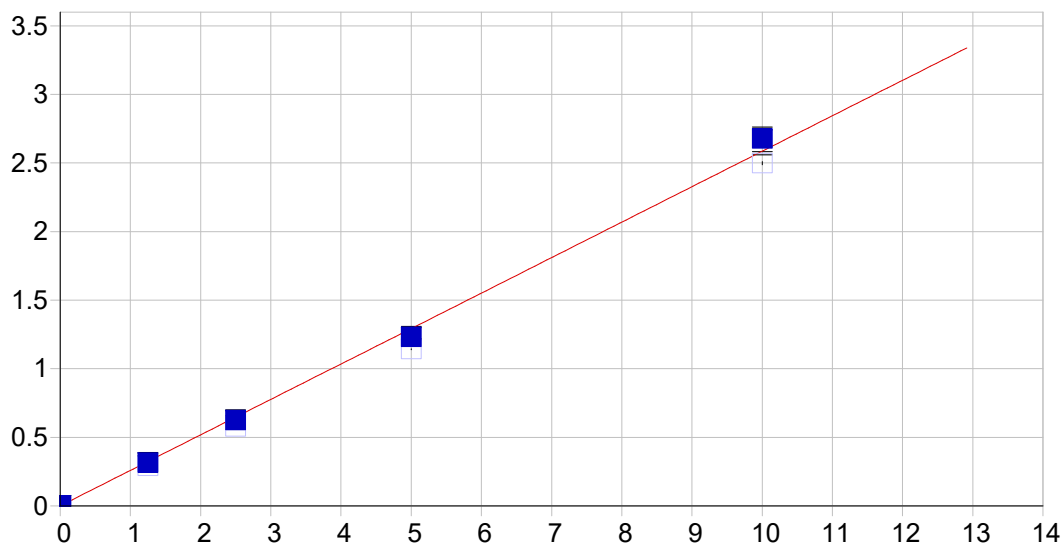


**P 177.495 {490}**

Date of Fit: 01/08/2022 1:10:34      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001012 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.285773  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.996134  | Status:   | OK.      |
| Std Error of Est: | 0.000409  |           |          |
| Predicted MDL:    | 0.000497  |           |          |
| Predicted MQL:    | 0.001655  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00101 | .000    | 1        |
| S1        | .01000       | .00070      | -.009      | -93.0   | -.00088 | .000    | 1        |
| S2        | 1.2500       | 1.0998      | -.150      | -12.0   | .30147  | .001    | 1        |
| S3        | 2.5000       | 2.2300      | -.270      | -10.8   | .61265  | .001    | 1        |
| S4        | 5.0000       | 4.6662      | -.334      | -6.68   | 1.2852  | .003    | 1        |
| S5        | 10.000       | 10.763      | .763       | 7.63    | 2.9804  | .012    | 1        |

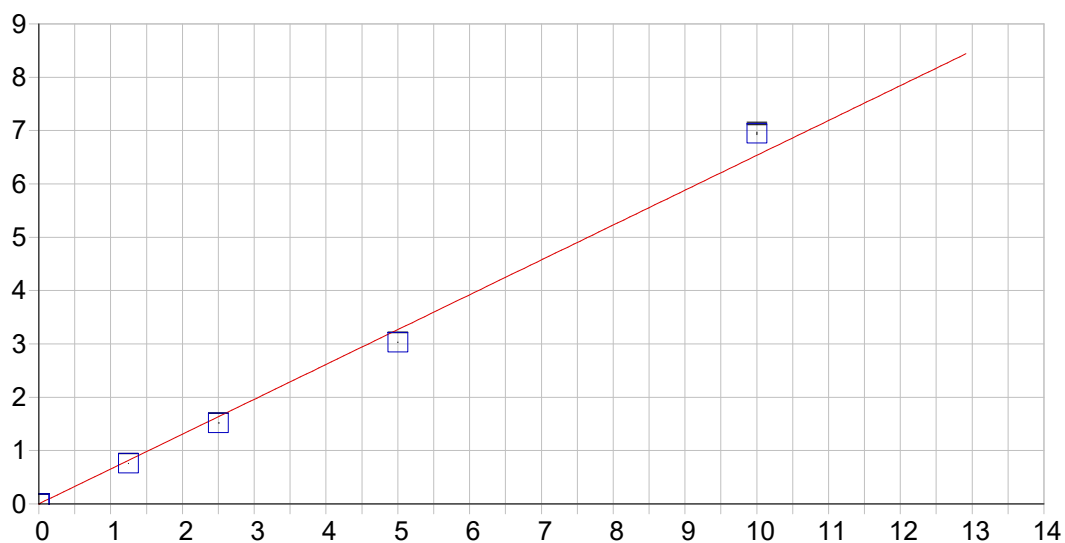


**B 249.678 {135}**

Date of Fit: 01/08/2022 1:10:34      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000590 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.258526 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999132 | Status:   | OK.      |
| Std Error of Est: | 0.000168 |           |          |
| Predicted MDL:    | 0.001255 |           |          |
| Predicted MQL:    | 0.004184 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00059 | .000    | 1        |
| S1        | .01000       | .00941      | -.001      | -5.88   | .00299 | .000    | 1        |
| S2        | 1.2500       | 1.2136      | -.036      | -2.91   | .29186 | .002    | 1        |
| S3        | 2.5000       | 2.4125      | -.088      | -3.50   | .57932 | .003    | 1        |
| S4        | 5.0000       | 4.7644      | -.236      | -4.71   | 1.1424 | .004    | 1        |
| S5        | 10.000       | 10.360      | .360       | 3.60    | 2.4991 | .011    | 1        |

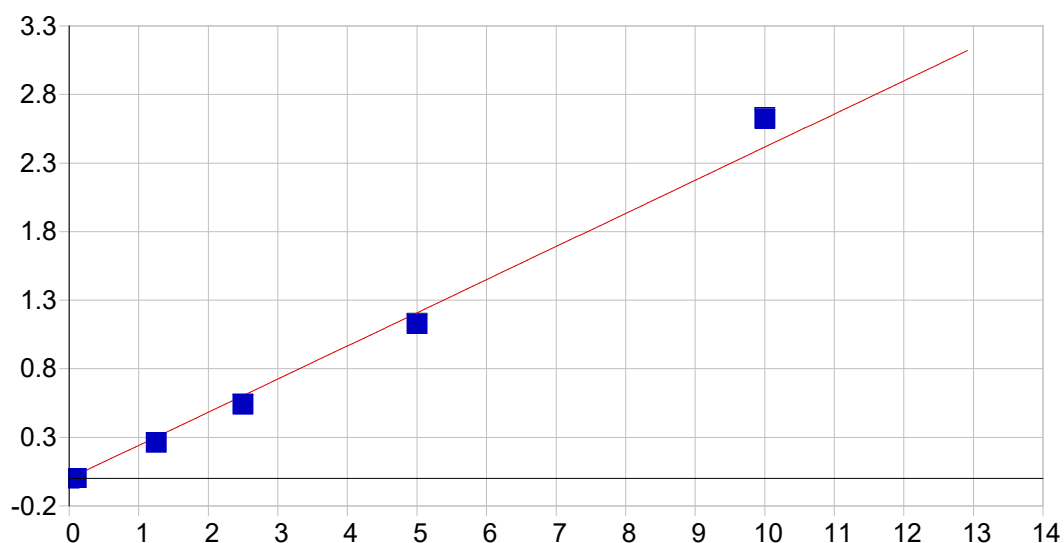


Mo 202.030 {467}

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000450 Re-Slope: 1.000000  
 A1 (Gain): 0.653527 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.997739 Status: OK.  
 Std Error of Est: 0.000738  
 Predicted MDL: 0.000490  
 Predicted MQL: 0.001633

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00045 | .000    | 1        |
| S1        | .01000       | .00941      | -.001      | -5.88   | .00660 | .000    | 1        |
| S2        | 1.2500       | 1.1608      | -.089      | -7.13   | .75908 | .001    | 1        |
| S3        | 2.5000       | 2.3221      | -.178      | -7.11   | 1.5180 | .003    | 1        |
| S4        | 5.0000       | 4.6372      | -.363      | -7.26   | 3.0310 | .007    | 1        |
| S5        | 10.000       | 10.630      | .630       | 6.30    | 6.9478 | .022    | 1        |

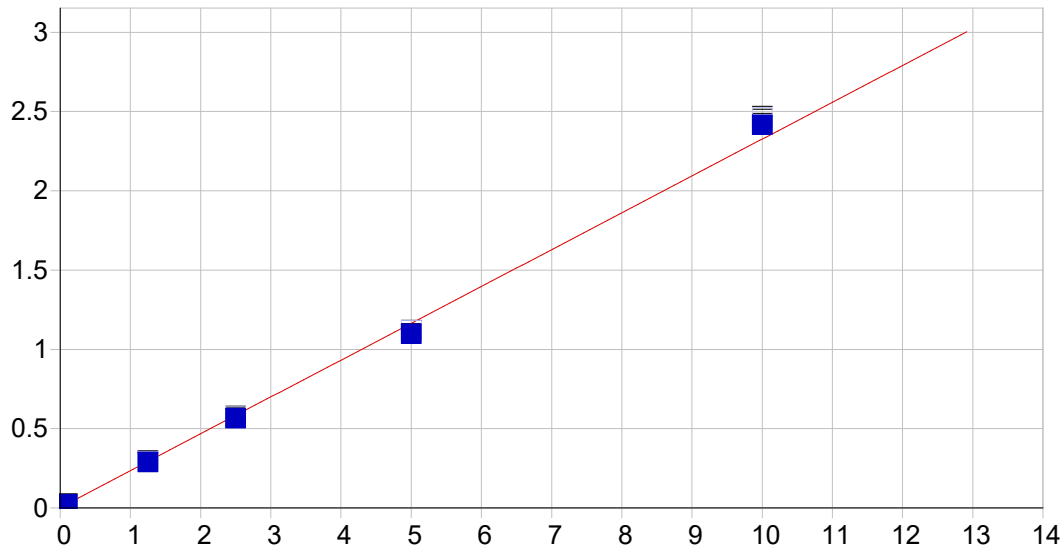


**S 182.034 {485}**

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000074 Re-Slope: 1.000000  
 A1 (Gain): 0.241593 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.993977 Status: OK.  
 Std Error of Est: 0.001415  
 Predicted MDL: 0.000683  
 Predicted MQL: 0.002276

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00011      | .000       | .000    | .00010 | .000    | 1        |
| S1        | .10000       | .00884      | -.091      | -91.2   | .00220 | .000    | 1        |
| S2        | 1.2500       | 1.0835      | -.167      | -13.3   | .26180 | .001    | 1        |
| S3        | 2.5000       | 2.2374      | -.263      | -10.5   | .54053 | .002    | 1        |
| S4        | 5.0000       | 4.6635      | -.337      | -6.73   | 1.1266 | .005    | 1        |
| S5        | 10.000       | 10.857      | .857       | 8.57    | 2.6227 | .008    | 1        |

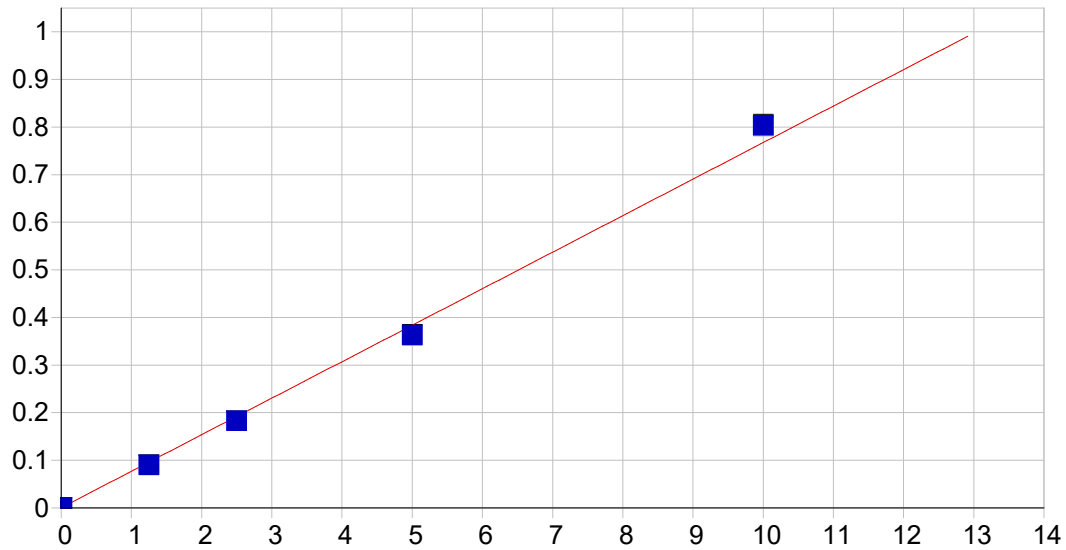


Si 251.611 {134}

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002771 Re-Slope: 1.000000  
 A1 (Gain): 0.232291 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999114 Status: OK.  
 Std Error of Est: 0.000530  
 Predicted MDL: 0.001436  
 Predicted MQL: 0.004787

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00277 | .000    | 1        |
| S1        | .10000       | .09477      | -.005      | -5.23   | .02504 | .000    | 1        |
| S2        | 1.2500       | 1.2323      | -.018      | -1.42   | .29468 | .004    | 1        |
| S3        | 2.5000       | 2.4196      | -.080      | -3.22   | .57614 | .003    | 1        |
| S4        | 5.0000       | 4.7135      | -.287      | -5.73   | 1.1203 | .000    | 1        |
| S5        | 10.000       | 10.390      | .390       | 3.90    | 2.4616 | .010    | 1        |

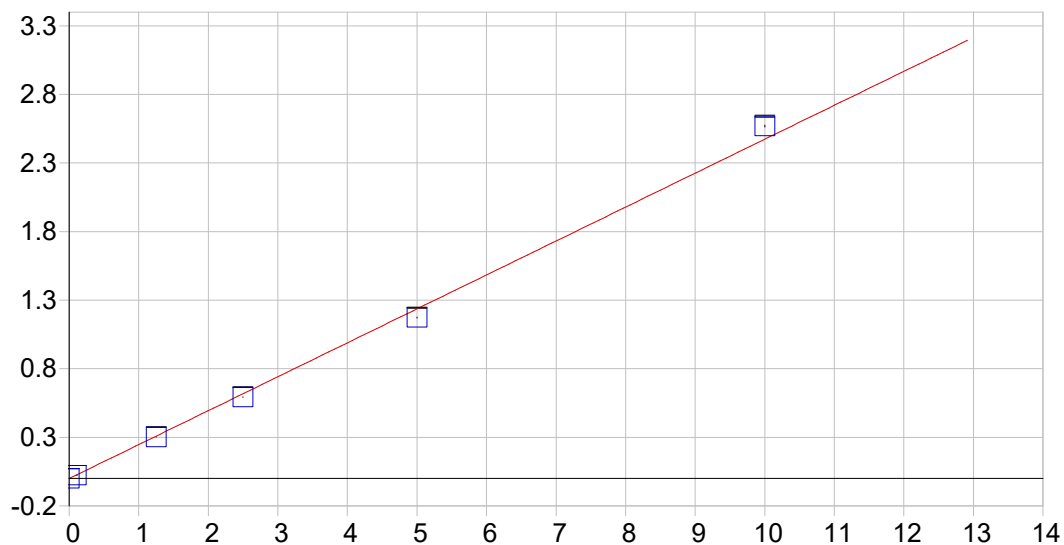


**Sn 189.989 {478}**

Date of Fit: 01/08/2022 1:10:34      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000259 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.076708 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.998676 | Status:   | OK.      |
| Std Error of Est: | 0.000055 |           |          |
| Predicted MDL:    | 0.002090 |           |          |
| Predicted MQL:    | 0.006967 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00026 | .000    | 1        |
| S1        | .00700       | .00288      | -.004      | -58.8   | .00046 | .000    | 1        |
| S2        | 1.2500       | 1.1743      | -.076      | -6.06   | .09008 | .000    | 1        |
| S3        | 2.5000       | 2.3835      | -.117      | -4.66   | .18257 | .001    | 1        |
| S4        | 5.0000       | 4.7263      | -.274      | -5.47   | .36176 | .001    | 1        |
| S5        | 10.000       | 10.470      | .470       | 4.70    | .80130 | .002    | 1        |

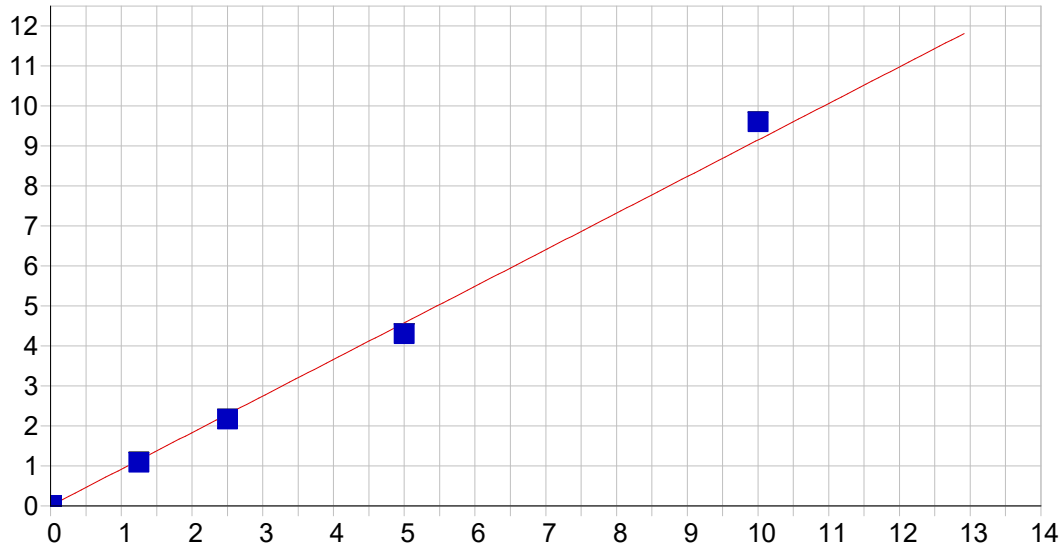


**Ti 336.121 {100}**

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000397 Re-Slope: 1.000000  
 A1 (Gain): 0.247394 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999138 Status: OK.  
 Std Error of Est: 0.000546  
 Predicted MDL: 0.001897  
 Predicted MQL: 0.006323

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00039 | .000    | 1        |
| S1        | .10000       | .09649      | -.004      | -3.51   | .02347  | .000    | 1        |
| S2        | 1.2500       | 1.2219      | -.028      | -2.24   | .30191  | .001    | 1        |
| S3        | 2.5000       | 2.4029      | -.097      | -3.89   | .59406  | .002    | 1        |
| S4        | 5.0000       | 4.7434      | -.257      | -5.13   | 1.1731  | .003    | 1        |
| S5        | 10.000       | 10.385      | .385       | 3.85    | 2.5689  | .007    | 1        |



Li 670.784 { 50}

Date of Fit: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004217 Re-Slope: 1.000000  
 A1 (Gain): 0.914549 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998589 Status: OK.  
 Std Error of Est: 0.000998  
 Predicted MDL: 0.001789  
 Predicted MQL: 0.005964

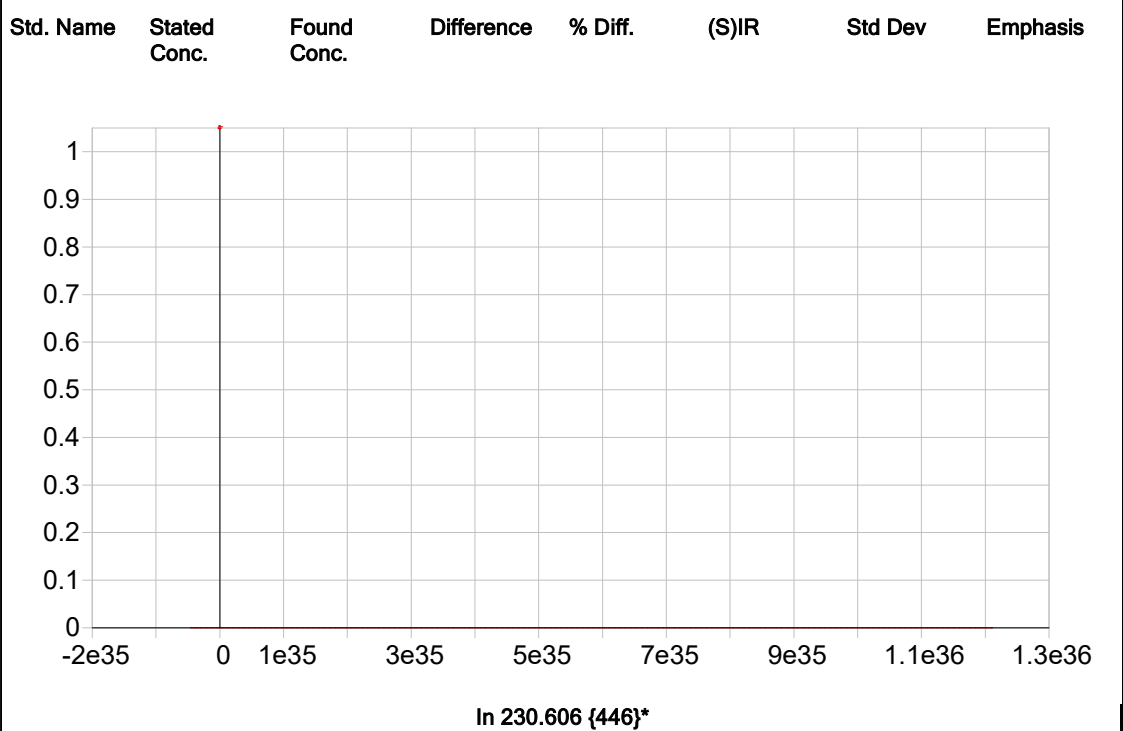
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00422 | .001    | 1        |
| S5        | 10.000       | 10.497      | .497       | 4.97    | 9.5943 | .002    | 1        |
| S4        | 5.0000       | 4.7039      | -.296      | -5.92   | 4.3012 | .009    | 1        |
| S3        | 2.5000       | 2.3639      | -.136      | -5.44   | 2.1636 | .005    | 1        |
| S2        | 1.2500       | 1.1859      | -.064      | -5.13   | 1.0875 | .005    | 1        |
| S1        | .01500       | .01442      | -.001      | -3.87   | .01733 | .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       |              |           |            |           |

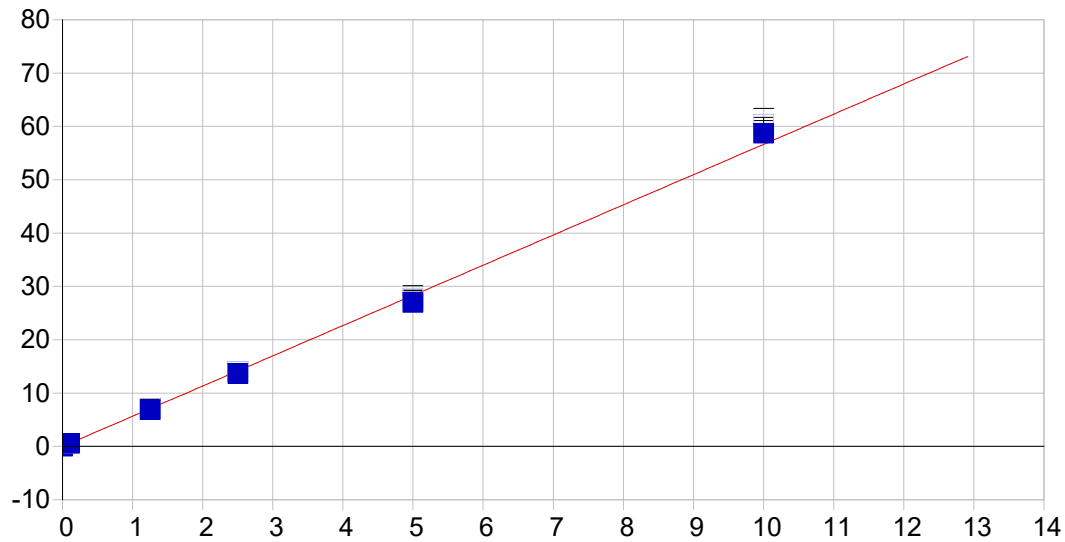


|              |           |              |          |            |        |
|--------------|-----------|--------------|----------|------------|--------|
| Date of Fit: | <not fit> | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset): | 0.000000  | Re-Slope:    | 1.000000 |            |        |
| 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: 01/08/2022 1:10:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000110 Re-Slope: 1.000000  
 A1 (Gain): 5.662532 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999277 Status: OK.  
 Std Error of Est: 0.011792  
 Predicted MDL: 0.000129  
 Predicted MQL: 0.000429

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00015 | .000    | 1        |
| S1        | .10000       | .09986      | -.000      | -.137   | .56615 | .001    | 1        |
| S2        | 1.2500       | 1.2139      | -.036      | -2.89   | 7.0863 | .017    | 1        |
| S3        | 2.5000       | 2.4111      | -.089      | -3.56   | 14.078 | .010    | 1        |
| S4        | 5.0000       | 4.7607      | -.239      | -4.79   | 27.807 | .478    | 1        |
| S5        | 10.000       | 10.364      | .364       | 3.64    | 60.388 | 1.12    | 1        |