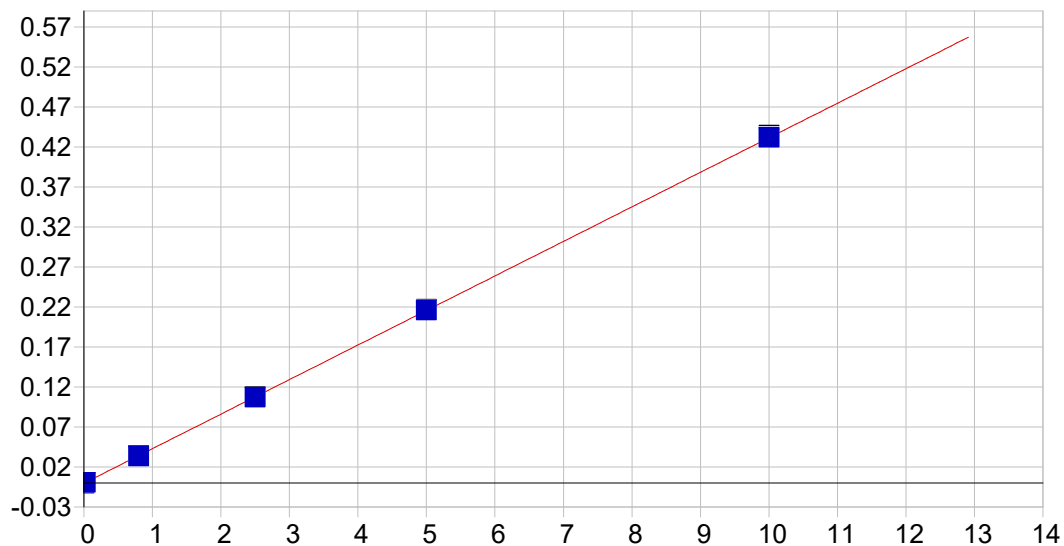


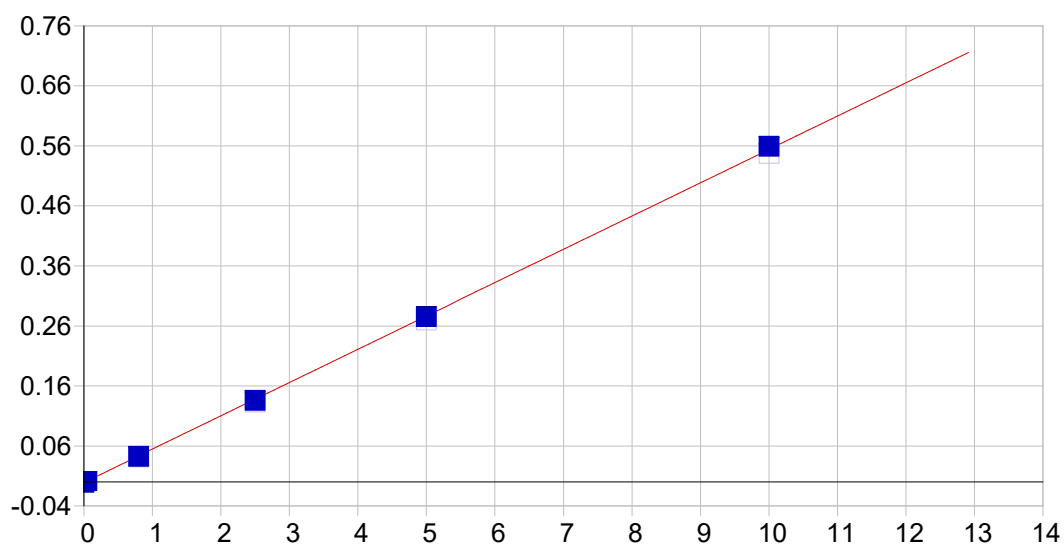


**As 189.042 {479}**

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000293 Re-Slope: 1.000000  
 A1 (Gain): 0.043179 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999988 Status: OK.  
 Std Error of Est: 0.000005  
 Predicted MDL: 0.005801  
 Predicted MQL: 0.019336

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00029 | .000    | 1        |
| S1        | .02000       | .02140      | .001       | 6.99    | .00064  | .000    | 1        |
| S3        | 2.5000       | 2.4848      | -.015      | -.607   | .10714  | .001    | 1        |
| S4        | 5.0000       | 5.0123      | .012       | .245    | .21641  | .001    | 1        |
| S5        | 10.000       | 10.014      | .014       | .144    | .43268  | .002    | 1        |
| S2        | .80000       | .78713      | -.013      | -1.61   | .03374  | .000    | 1        |

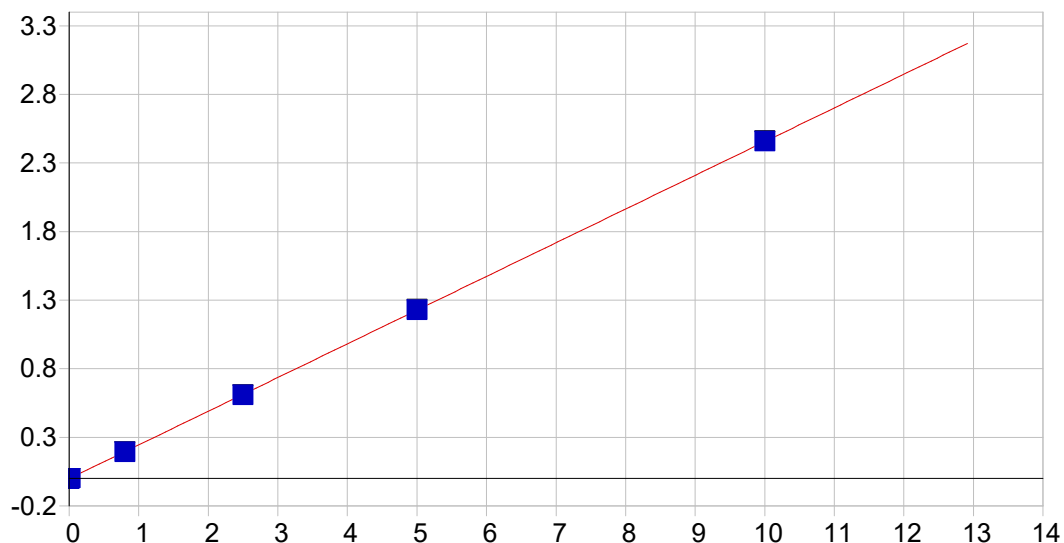


TI 190.856 {477}

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000905 Re-Slope: 1.000000  
 A1 (Gain): 0.055503 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999930 Status: OK.  
 Std Error of Est: 0.000021  
 Predicted MDL: 0.004130  
 Predicted MQL: 0.013766

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00091 | .000    | 1        |
| S1        | .04000       | .04370      | .004       | 9.26    | .00143  | .000    | 1        |
| S3        | 2.5000       | 2.4598      | -.040      | -1.61   | .13272  | .001    | 1        |
| S4        | 5.0000       | 4.9776      | -.022      | -.448   | .26957  | .001    | 1        |
| S5        | 10.000       | 10.082      | .082       | .823    | .54710  | .001    | 1        |
| S2        | .80000       | .77669      | -.023      | -2.91   | .04128  | .000    | 1        |

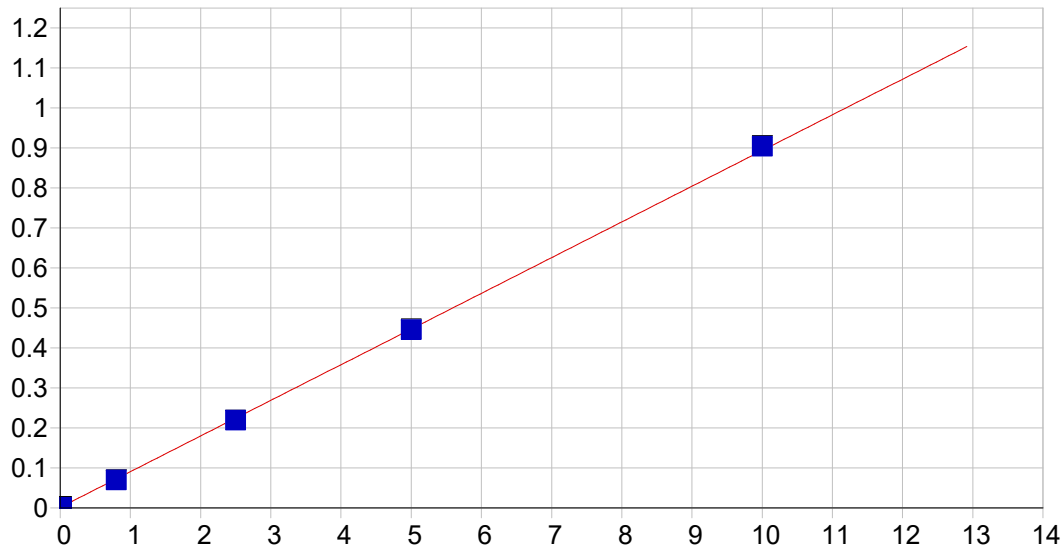


### Pb 220.353 {453}

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000906 Re-Slope: 1.000000  
 A1 (Gain): 0.245668 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999988 Status: OK.  
 Std Error of Est: 0.000022  
 Predicted MDL: 0.002394  
 Predicted MQL: 0.007981

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00091 | .000    | 1        |
| S1        | .01200       | .01336      | .001       | 11.3    | .00231  | .000    | 1        |
| S3        | 2.5000       | 2.4828      | -.017      | -.690   | .60816  | .002    | 1        |
| S4        | 5.0000       | 5.0066      | .007       | .132    | 1.2273  | .005    | 1        |
| S5        | 10.000       | 10.019      | .019       | .190    | 2.4569  | .002    | 1        |
| S2        | .80000       | .79037      | -.010      | -1.20   | .19298  | .001    | 1        |

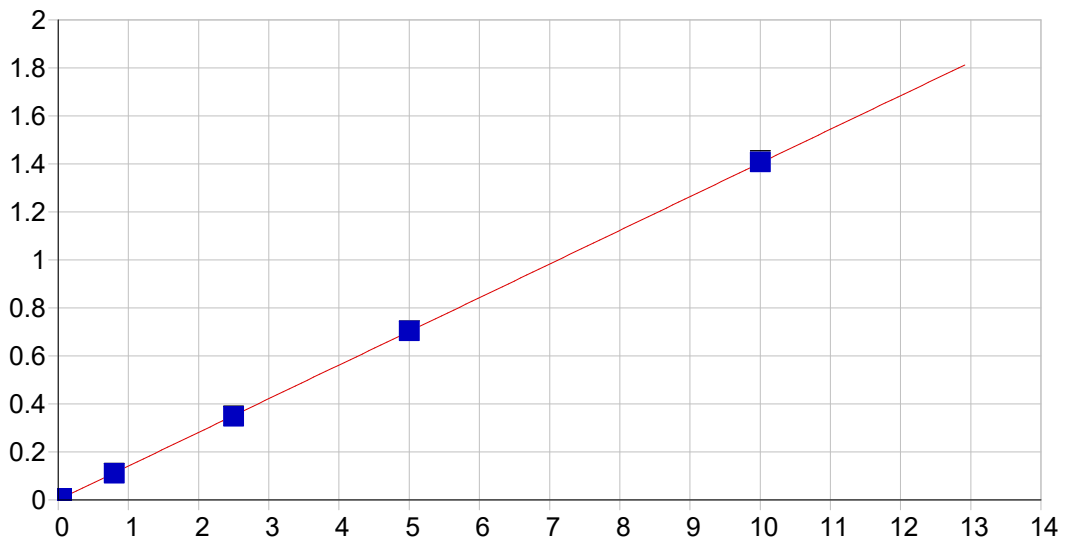


Se 196.090 {472}

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001244 Re-Slope: 1.000000  
 A1 (Gain): 0.089241 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999862 Status: OK.  
 Std Error of Est: 0.000035  
 Predicted MDL: 0.003538  
 Predicted MQL: 0.011795

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00124 | .000    | 1        |
| S1        | .02000       | .01658      | -.003      | -17.1   | .00272 | .000    | 1        |
| S3        | 2.5000       | 2.4389      | -.061      | -2.44   | .21891 | .001    | 1        |
| S4        | 5.0000       | 4.9827      | -.017      | -.346   | .44593 | .001    | 1        |
| S5        | 10.000       | 10.117      | .117       | 1.17    | .90414 | .002    | 1        |
| S2        | .80000       | .76479      | -.035      | -4.40   | .06950 | .001    | 1        |

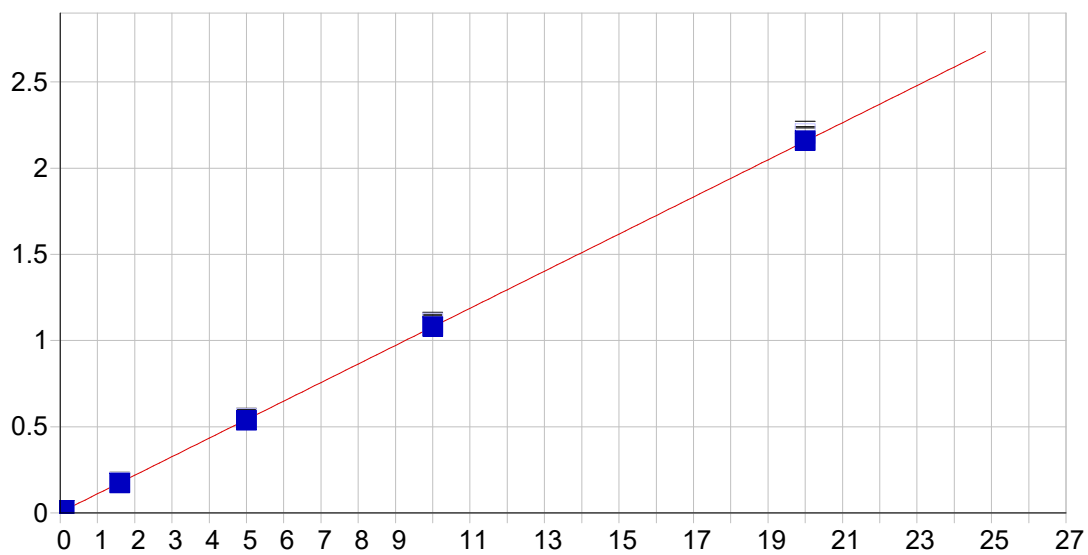


**Sb 206.833 {463}**

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000686 Re-Slope: 1.000000  
 A1 (Gain): 0.140296 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999982 Status: OK.  
 Std Error of Est: 0.000031  
 Predicted MDL: 0.002518  
 Predicted MQL: 0.008393

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00069 | .000    | 1        |
| S1        | .05000       | .05184      | .002       | 3.68    | .00794 | .001    | 1        |
| S3        | 2.5000       | 2.4763      | -.024      | -.950   | .34806 | .001    | 1        |
| S4        | 5.0000       | 5.0099      | .010       | .198    | .70349 | .002    | 1        |
| S5        | 10.000       | 10.027      | .027       | .268    | 1.4073 | .006    | 1        |
| S2        | .80000       | .78524      | -.015      | -1.85   | .11084 | .000    | 1        |

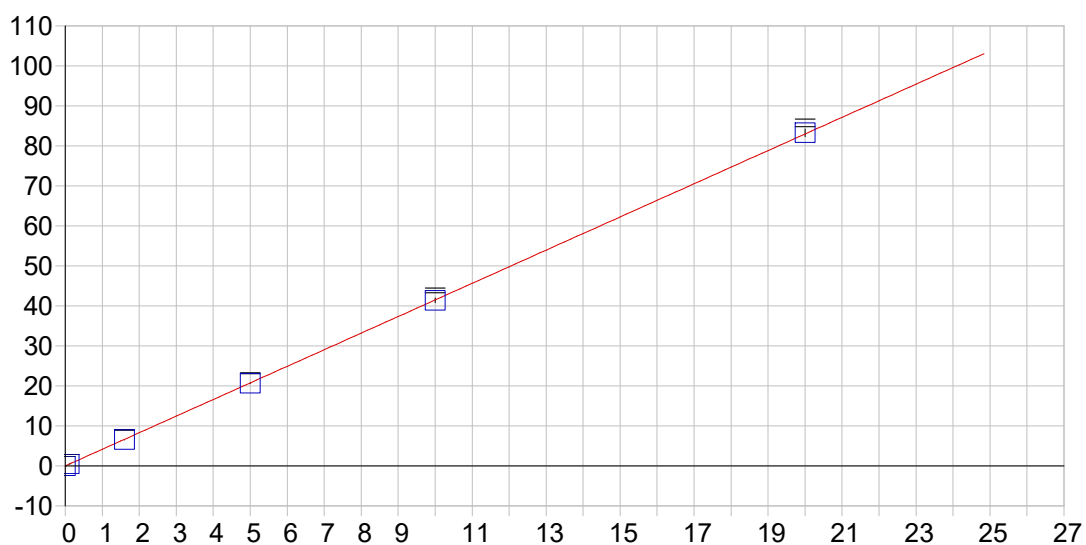


AI 396.152 { 85}

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002893 Re-Slope: 1.000000  
 A1 (Gain): 0.107659 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999967 Status: OK.  
 Std Error of Est: 0.000066  
 Predicted MDL: 0.010157  
 Predicted MQL: 0.033858

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00289 | .001    | 1        |
| S1        | .10000       | .11421      | .014       | 14.2    | .01599 | .001    | 1        |
| S3        | 5.0000       | 4.9641      | -.036      | -.719   | .54732 | .003    | 1        |
| S4        | 10.000       | 10.008      | .008       | .083    | 1.1004 | .005    | 1        |
| S5        | 20.000       | 20.029      | .029       | .145    | 2.1992 | .016    | 1        |
| S2        | 1.6000       | 1.5837      | -.016      | -1.02   | .17660 | .002    | 1        |

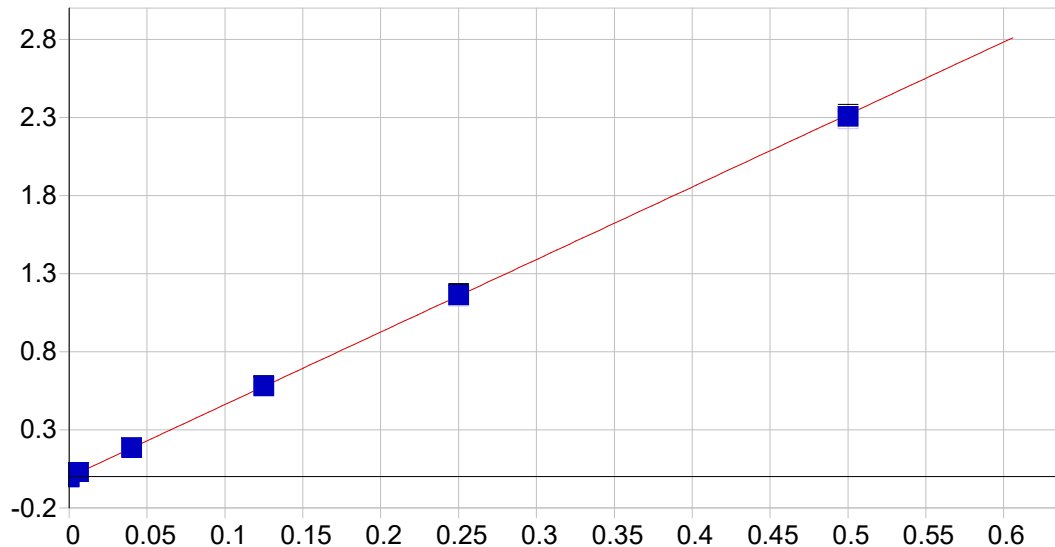


### Ba 493.409 { 68}

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000459 Re-Slope: 1.000000  
 A1 (Gain): 4.149437 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999983 Status: OK.  
 Std Error of Est: 0.001820  
 Predicted MDL: 0.000491  
 Predicted MQL: 0.001635

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00048 | .000    | 1        |
| S1        | .10000       | .10686      | .007       | 6.86    | .44294  | .002    | 1        |
| S3        | 5.0000       | 4.9812      | -.019      | -.375   | 20.669  | .111    | 1        |
| S4        | 10.000       | 9.9720      | -.028      | -.280   | 41.378  | .614    | 1        |
| S5        | 20.000       | 20.067      | .067       | .333    | 83.264  | .964    | 1        |
| S2        | 1.6000       | 1.5734      | -.027      | -1.66   | 6.5282  | .057    | 1        |

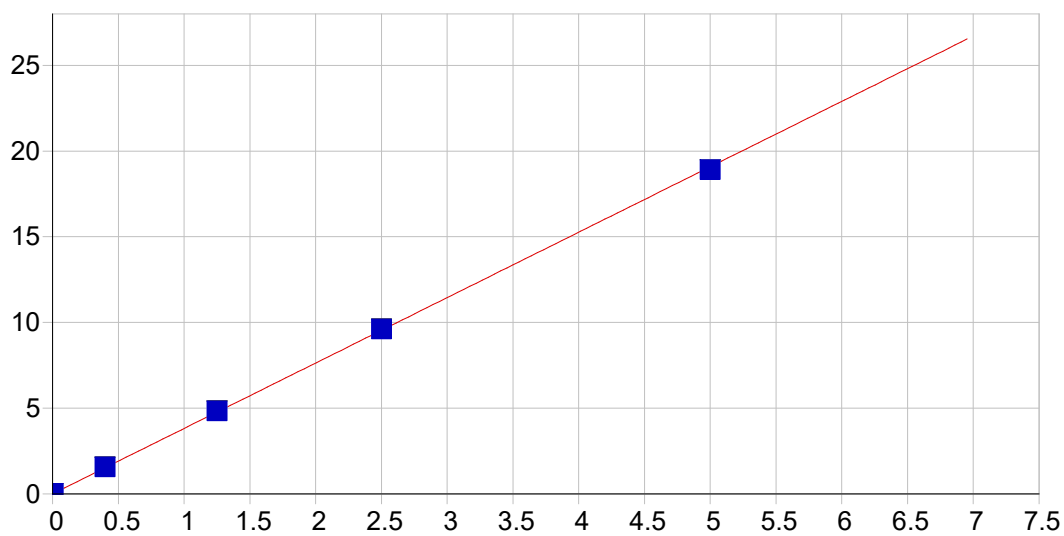


**Be 234.861 {144}**

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002657 Re-Slope: 1.000000  
 A1 (Gain): 4.642524 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999904 Status: OK.  
 Std Error of Est: 0.000184  
 Predicted MDL: 0.000094  
 Predicted MQL: 0.000313

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00266 | .000    | 1        |
| S1        | .00600       | .00693      | .001       | 15.4    | .02919  | .001    | 1        |
| S3        | .12500       | .12559      | .001       | .472    | .57650  | .002    | 1        |
| S4        | .25000       | .25076      | .001       | .305    | 1.1537  | .012    | 1        |
| S5        | .50000       | .49709      | -.003      | -.582   | 2.2895  | .015    | 1        |
| S2        | .04000       | .04064      | .001       | 1.59    | .18475  | .001    | 1        |

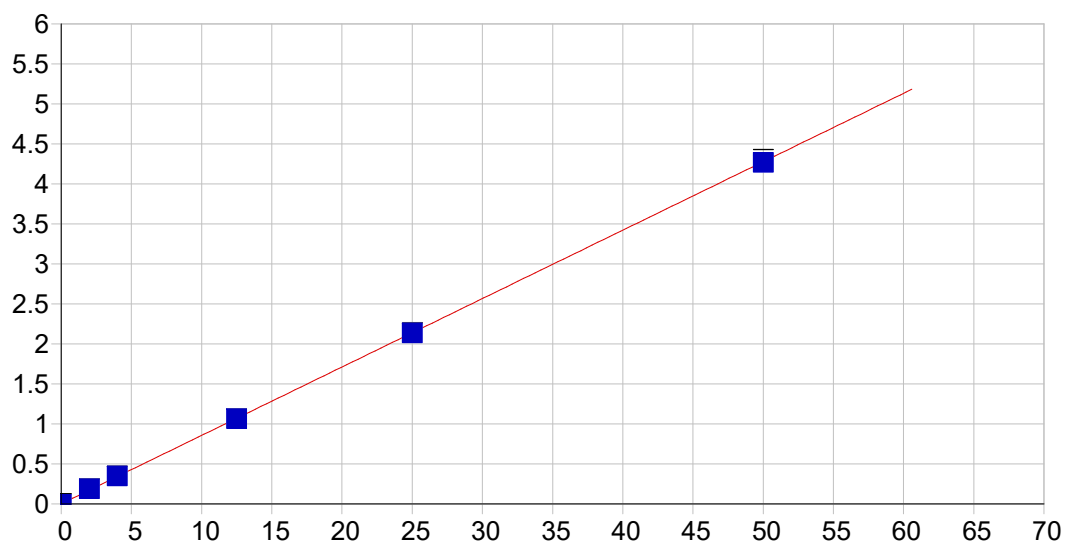


**Cd 214.438 {457}**

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001931 Re-Slope: 1.000000  
 A1 (Gain): 3.816049 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999931 Status: OK.  
 Std Error of Est: 0.000406  
 Predicted MDL: 0.000109  
 Predicted MQL: 0.000362

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00193 | .000    | 1        |
| S1        | .00600       | .00721      | .001       | 20.1    | .02944 | .001    | 1        |
| S3        | 1.2500       | 1.2673      | .017       | 1.39    | 4.8384 | .007    | 1        |
| S4        | 2.5000       | 2.5164      | .016       | .656    | 9.6052 | .018    | 1        |
| S5        | 5.0000       | 4.9549      | -.045      | -.902   | 18.911 | .002    | 1        |
| S2        | .40000       | .41020      | .010       | 2.55    | 1.5674 | .002    | 1        |

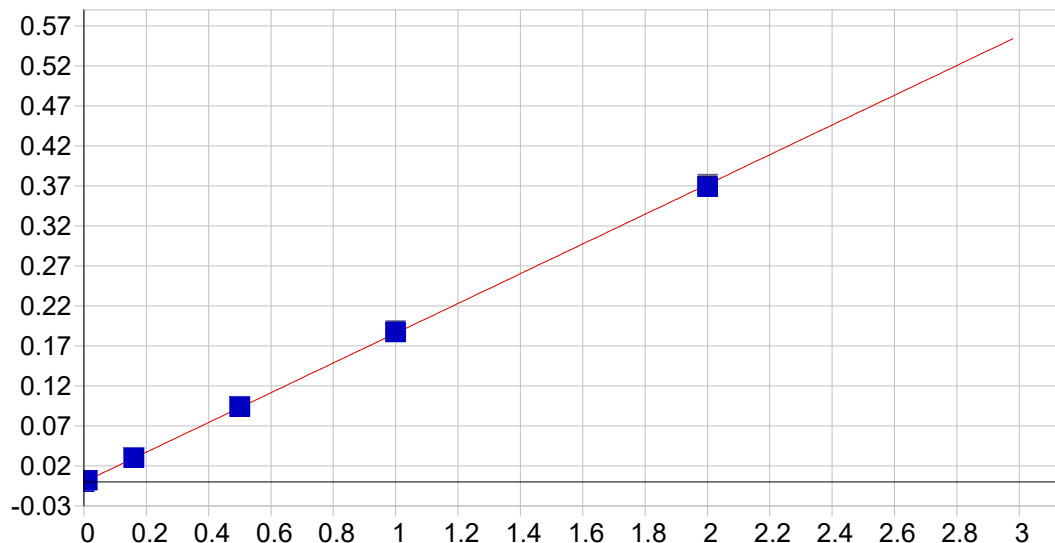


Ca 373.690 { 90}

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001179 Re-Slope: 1.000000  
 A1 (Gain): 0.085515 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999916 Status: OK.  
 Std Error of Est: 0.000587  
 Predicted MDL: 0.012002  
 Predicted MQL: 0.040008

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00017     | -.000      | .000    | .00116 | .001    | 1        |
| S2        | 4.0000       | 4.0381      | .038       | .953    | .34636 | .003    | 1        |
| S3        | 12.500       | 12.419      | -.081      | -.644   | 1.0628 | .004    | 1        |
| S4        | 25.000       | 24.956      | -.044      | -.178   | 2.1344 | .007    | 1        |
| S5        | 50.000       | 49.916      | -.084      | -.168   | 4.2680 | .037    | 1        |
| S1        | 2.0000       | 2.1710      | .171       | 8.55    | .18682 | .002    | 1        |

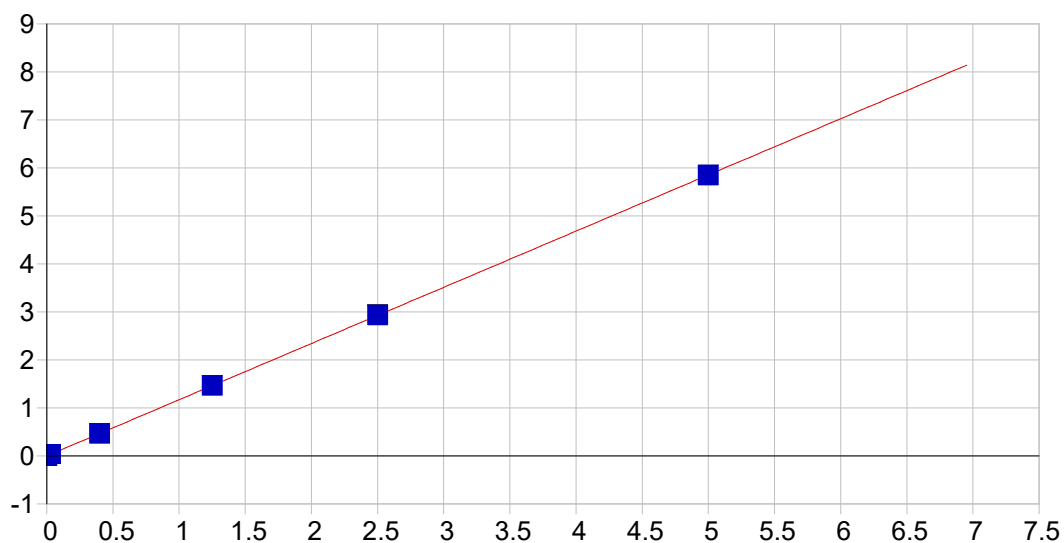


Cr 267.716 {126}

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000060 Re-Slope: 1.000000  
 A1 (Gain): 0.185934 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999955 Status: OK.  
 Std Error of Est: 0.000013  
 Predicted MDL: 0.000581  
 Predicted MQL: 0.001936

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00006 | .000    | 1        |
| S1        | .01000       | .01066      | .001       | 6.60    | .00195  | .000    | 1        |
| S3        | .50000       | .50525      | .005       | 1.05    | .09454  | .000    | 1        |
| S4        | 1.0000       | 1.0078      | .008       | .782    | .18864  | .000    | 1        |
| S5        | 2.0000       | 1.9836      | -.016      | -.818   | .37139  | .001    | 1        |
| S2        | .16000       | .16262      | .003       | 1.64    | .03039  | .000    | 1        |

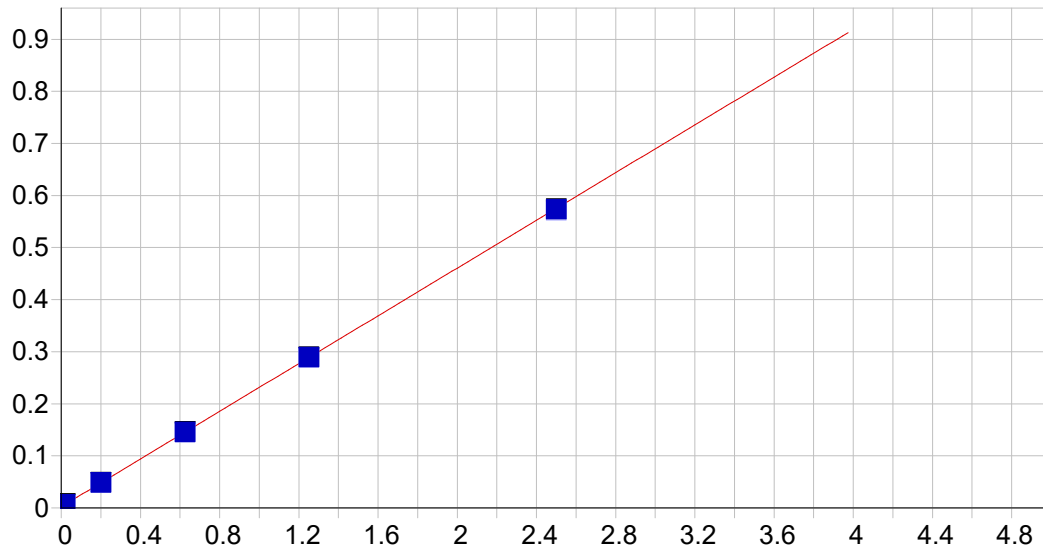


**Co 228.616 {448}**

Date of Fit: 11/08/2022 18:12:55      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000537 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.170902  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999989  | Status:   | OK.      |
| Std Error of Est: | 0.000112  |           |          |
| Predicted MDL:    | 0.000353  |           |          |
| Predicted MQL:    | 0.001176  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00054 | .000    | 1        |
| S1        | .03000       | .03239      | .002       | 7.96    | .03727  | .000    | 1        |
| S3        | 1.2500       | 1.2508      | .001       | .067    | 1.4671  | .002    | 1        |
| S4        | 2.5000       | 2.5031      | .003       | .122    | 2.9364  | .007    | 1        |
| S5        | 5.0000       | 4.9933      | -.007      | -.133   | 5.8584  | .002    | 1        |
| S2        | .40000       | .40039      | .000       | .096    | .46925  | .000    | 1        |

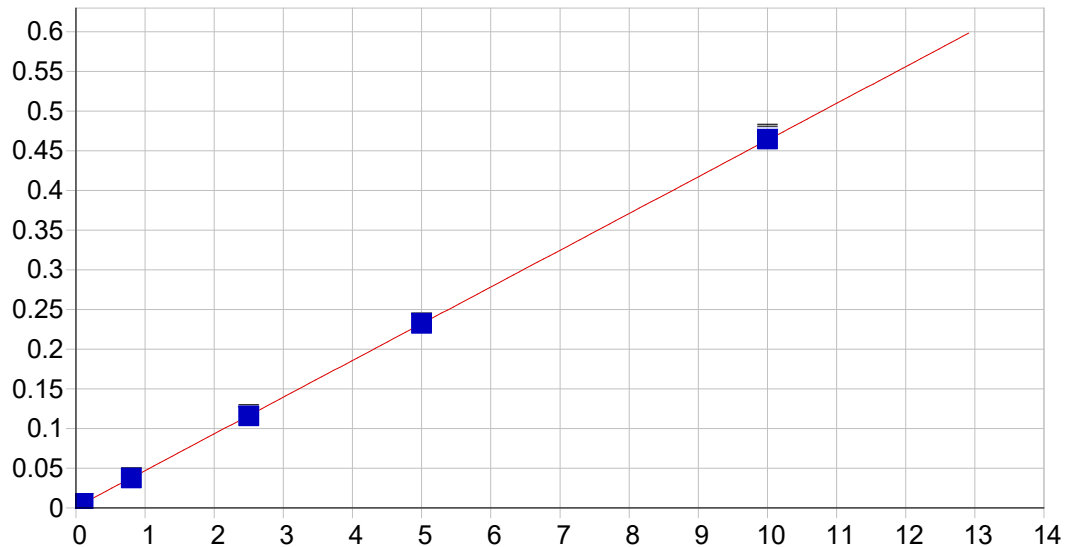


**Cu 324.754 {104}**

Date of Fit: 11/08/2022 18:12:55      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.002303 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.229164 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999971 | Status:   | OK.      |
| Std Error of Est: | 0.000020 |           |          |
| Predicted MDL:    | 0.002812 |           |          |
| Predicted MQL:    | 0.009375 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00230 | .001    | 1        |
| S1        | .02000       | .02198      | .002       | 9.88    | .00734 | .000    | 1        |
| S3        | .62500       | .62543      | .000       | .068    | .14497 | .001    | 1        |
| S4        | 1.2500       | 1.2525      | .002       | .199    | .28801 | .001    | 1        |
| S5        | 2.5000       | 2.4923      | -.008      | -.308   | .57081 | .001    | 1        |
| S2        | .20000       | .20279      | .003       | 1.39    | .04856 | .000    | 1        |

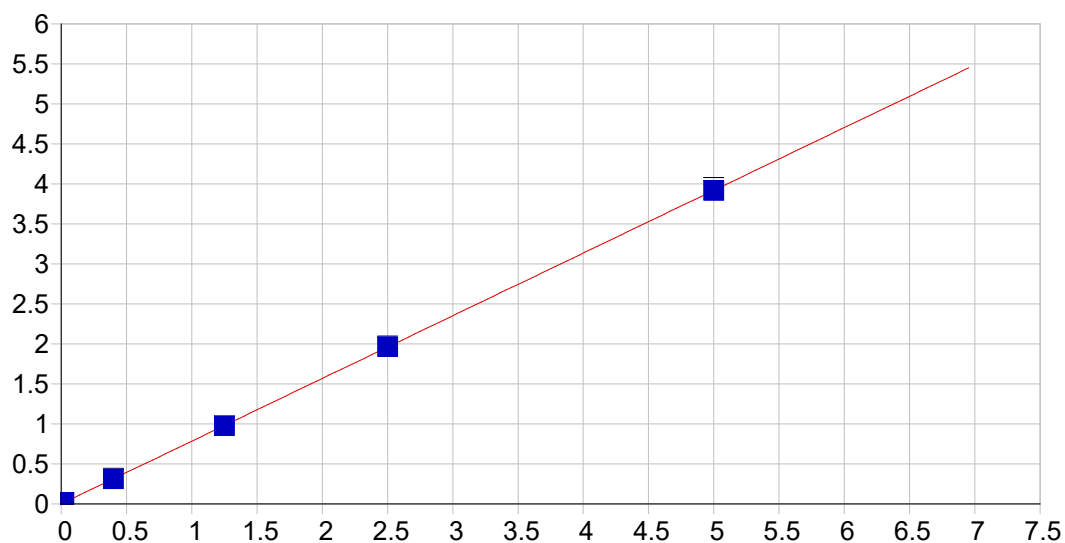


**Fe 259.837 {130}**

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000771 Re-Slope: 1.000000  
 A1 (Gain): 0.046278 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999985 Status: OK.  
 Std Error of Est: 0.000013  
 Predicted MDL: 0.007672  
 Predicted MQL: 0.025575

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00077 | .000    | 1        |
| S1        | .10000       | .10517      | .005       | 5.17    | .00565 | .000    | 1        |
| S3        | 2.5000       | 2.4827      | -.017      | -.693   | .11623 | .001    | 1        |
| S4        | 5.0000       | 4.9998      | -.000      | -.004   | .23328 | .000    | 1        |
| S5        | 10.000       | 10.022      | .022       | .219    | .46683 | .004    | 1        |
| S2        | .80000       | .79048      | -.010      | -1.19   | .03753 | .001    | 1        |

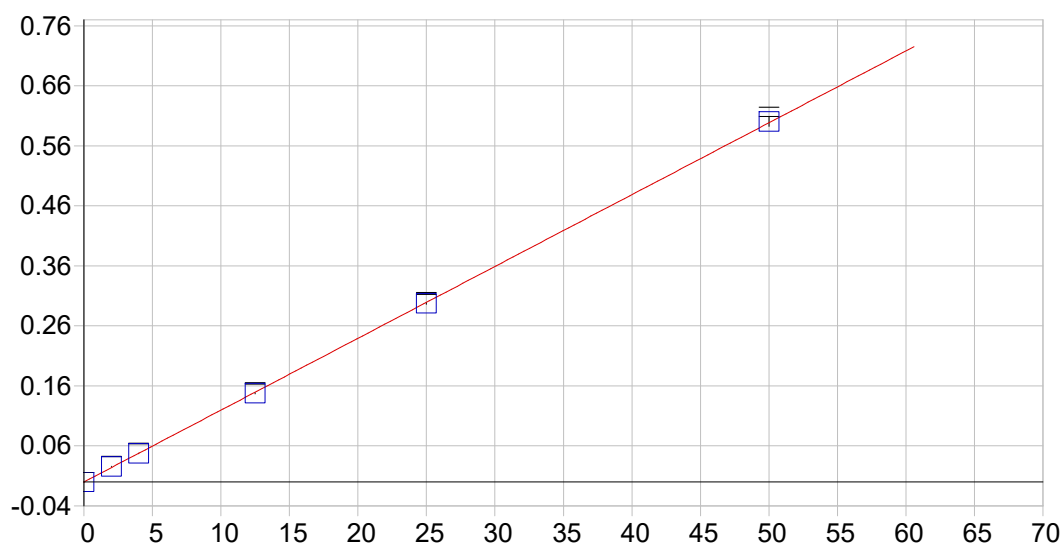


**Mn 257.610 {131}**

Date of Fit: 11/08/2022 18:12:55      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000420 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.783888 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999969 | Status:   | OK.      |
| Std Error of Est: | 0.000102 |           |          |
| Predicted MDL:    | 0.000453 |           |          |
| Predicted MQL:    | 0.001510 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00042 | .000    | 1        |
| S1        | .02000       | .02331      | .003       | 16.6    | .01870 | .000    | 1        |
| S3        | 1.2500       | 1.2471      | -.003      | -.235   | .97815 | .002    | 1        |
| S4        | 2.5000       | 2.5046      | .005       | .185    | 1.9641 | .007    | 1        |
| S5        | 5.0000       | 4.9952      | -.005      | -.097   | 3.9168 | .039    | 1        |
| S2        | .40000       | .39983      | -.000      | -.041   | .31390 | .005    | 1        |

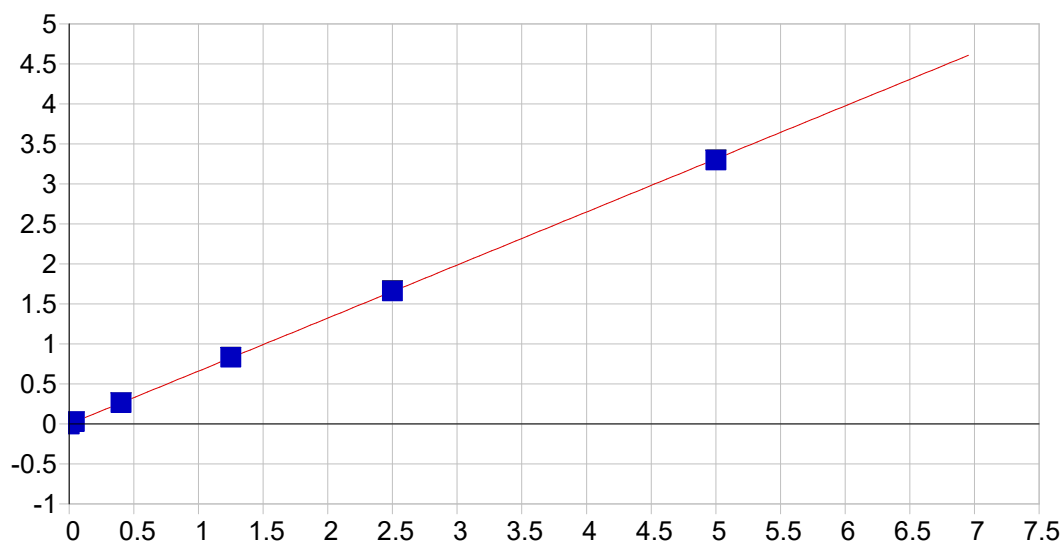


**Mg 279.079 {121}**

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000134 Re-Slope: 1.000000  
 A1 (Gain): 0.011971 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999910 Status: OK.  
 Std Error of Est: 0.000085  
 Predicted MDL: 0.031417  
 Predicted MQL: 0.104724

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00012     | -.000      | .000    | -.00014 | .000    | 1        |
| S2        | 4.0000       | 3.9720      | -.028      | -.700   | .04742  | .001    | 1        |
| S3        | 12.500       | 12.355      | -.145      | -1.16   | .14777  | .001    | 1        |
| S4        | 25.000       | 24.859      | -.141      | -.564   | .29746  | .001    | 1        |
| S5        | 50.000       | 50.149      | .149       | .297    | .60021  | .008    | 1        |
| S1        | 2.0000       | 2.1658      | .166       | 8.29    | .02579  | .000    | 1        |

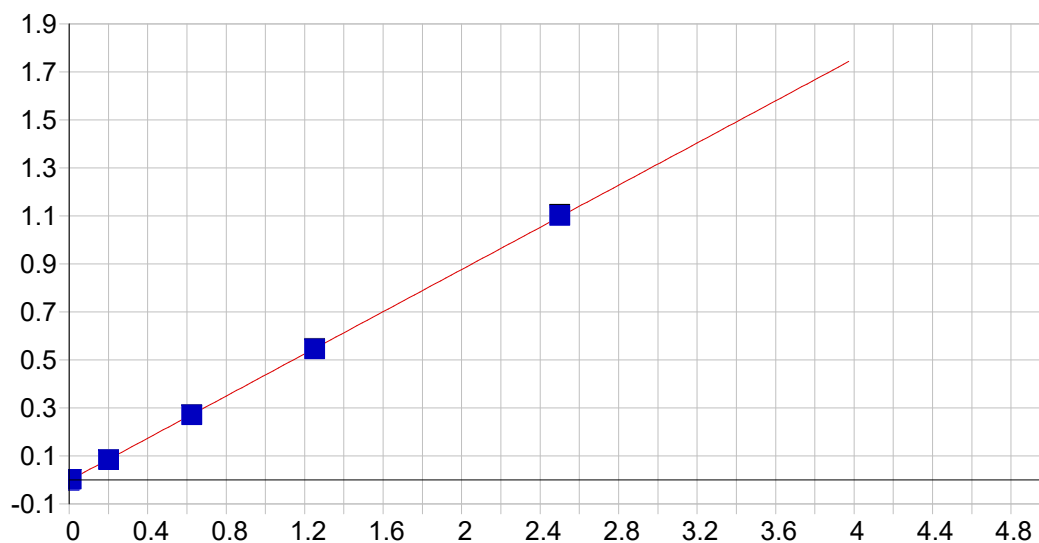


Ni 231.604 {446}

Date of Fit: 11/08/2022 18:12:55      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.002771 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.662958  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999972  | Status:   | OK.      |
| Std Error of Est: | 0.000116  |           |          |
| Predicted MDL:    | 0.000631  |           |          |
| Predicted MQL:    | 0.002104  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00277 | .000    | 1        |
| S1        | .04000       | .04341      | .003       | 8.52    | .02603  | .000    | 1        |
| S3        | 1.2500       | 1.2565      | .007       | .524    | .83106  | .000    | 1        |
| S4        | 2.5000       | 2.5087      | .009       | .349    | 1.6620  | .003    | 1        |
| S5        | 5.0000       | 4.9769      | -.023      | -.462   | 3.2999  | .002    | 1        |
| S2        | .40000       | .40440      | .004       | 1.10    | .26558  | .000    | 1        |

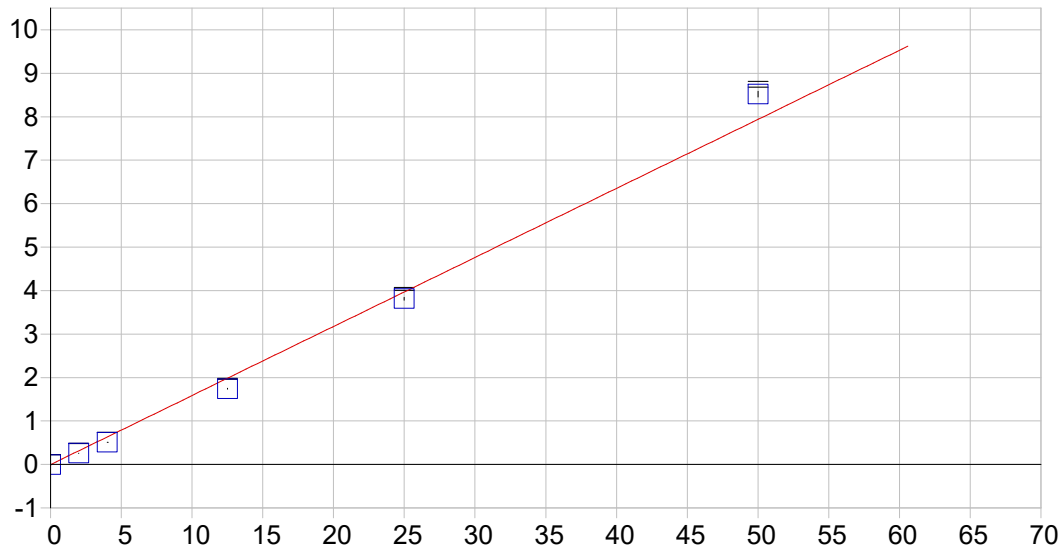


**Ag 328.068 {103}**

Date of Fit: 11/08/2022 18:12:55      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.002024 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.439311  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999984  | Status:   | OK.      |
| Std Error of Est: | 0.000021  |           |          |
| Predicted MDL:    | 0.000480  |           |          |
| Predicted MQL:    | 0.001601  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00202 | .000    | 1        |
| S1        | .01000       | .01023      | .000       | 2.30    | .00246  | .000    | 1        |
| S3        | .62500       | .61999      | -.005      | -.801   | .27005  | .001    | 1        |
| S4        | 1.2500       | 1.2462      | -.004      | -.305   | .54485  | .003    | 1        |
| S5        | 2.5000       | 2.5114      | .011       | .456    | 1.1001  | .006    | 1        |
| S2        | .20000       | .19719      | -.003      | -1.40   | .08451  | .000    | 1        |

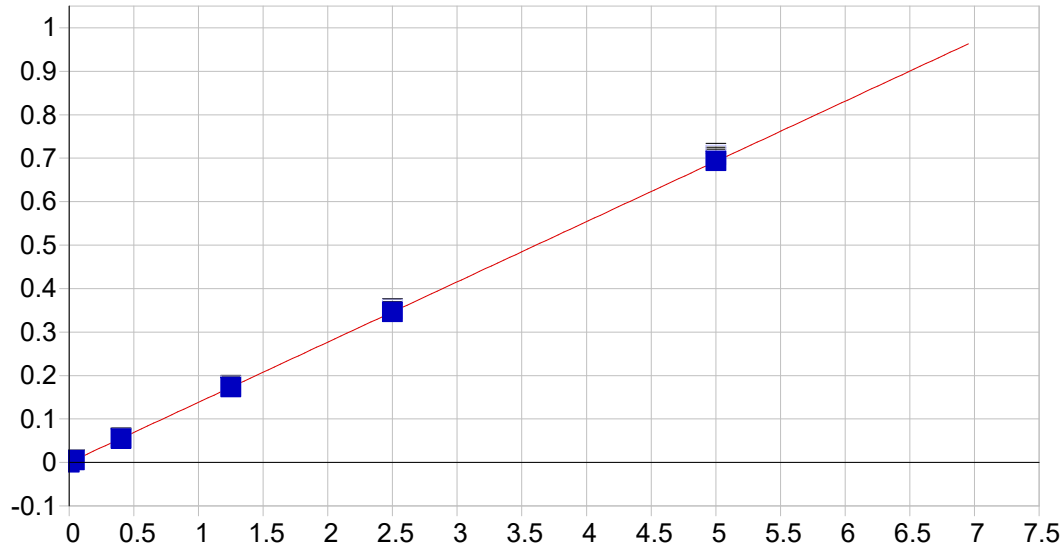


### Na 818.326 { 41}

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002907 Re-Slope: 1.000000  
 A1 (Gain): 0.158853 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.996208 Status: OK.  
 Std Error of Est: 0.007339  
 Predicted MDL: 0.021685  
 Predicted MQL: 0.072284

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00094      | .001       | .000    | -.00276 | .002    | 1        |
| S2        | 4.0000       | 3.2237      | -.776      | -19.4   | .50918  | .003    | 1        |
| S3        | 12.500       | 10.975      | -1.52      | -12.2   | 1.7406  | .012    | 1        |
| S4        | 25.000       | 24.013      | -.987      | -3.95   | 3.8117  | .031    | 1        |
| S5        | 50.000       | 53.659      | 3.66       | 7.32    | 8.5210  | .067    | 1        |
| S1        | 2.0000       | 1.6285      | -.371      | -18.6   | .25579  | .004    | 1        |

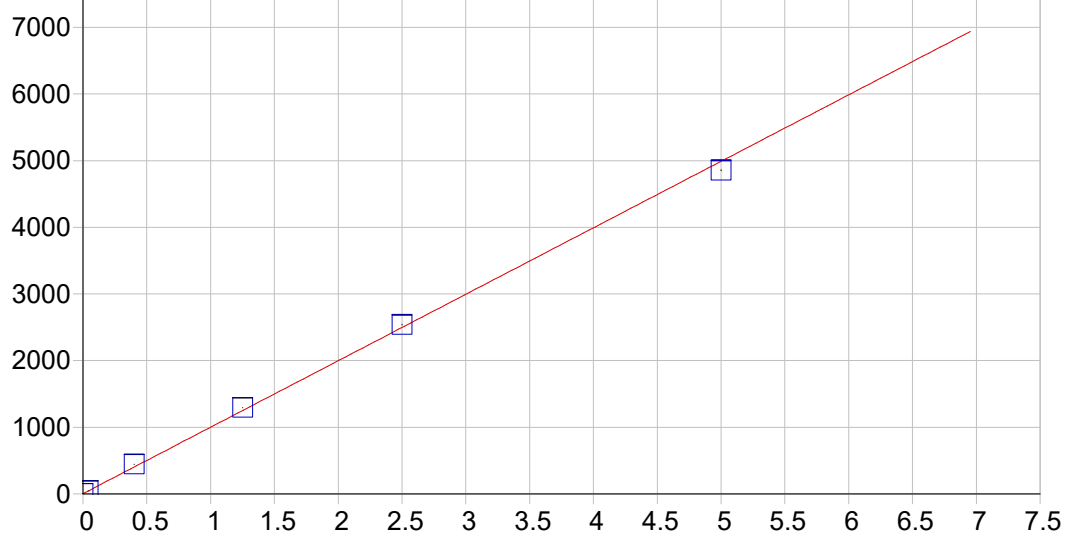


**V 292.402 {115}**

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000125 Re-Slope: 1.000000  
 A1 (Gain): 0.138535 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999995 Status: OK.  
 Std Error of Est: 0.000010  
 Predicted MDL: 0.003241  
 Predicted MQL: 0.010802

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00013 | .000    | 1        |
| S1        | .04000       | .04120      | .001       | 2.99    | .00586  | .000    | 1        |
| S3        | 1.2500       | 1.2485      | -.002      | -.123   | .17628  | .001    | 1        |
| S4        | 2.5000       | 2.4987      | -.001      | -.052   | .35293  | .001    | 1        |
| S5        | 5.0000       | 5.0059      | .006       | .118    | .70717  | .005    | 1        |
| S2        | .40000       | .39571      | -.004      | -1.07   | .05580  | .001    | 1        |

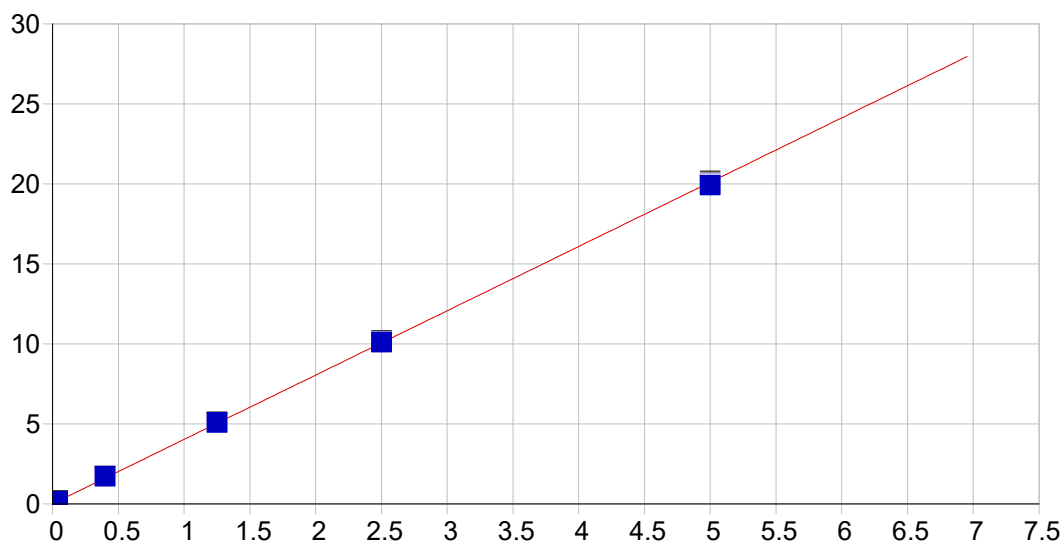


**Zn 206.200 {464}**

Date of Fit: 11/08/2022 18:12:55      Type of Fit: Linear      Weighting: 1/Conc

|                   |            |           |          |
|-------------------|------------|-----------|----------|
| A0 (Offset):      | 3.577006   | Re-Slope: | 1.000000 |
| A1 (Gain):        | 997.403161 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000   |           |          |
| n (Exponent):     | 1.000000   |           |          |
| Correlation:      | 0.999398   | Status:   | OK.      |
| Std Error of Est: | 0.812658   |           |          |
| Predicted MDL:    | 0.000468   |           |          |
| Predicted MQL:    | 0.001561   |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | 3.5664 | .113    | 1        |
| S1        | .04000       | .04542      | .005       | 13.6    | 48.884 | .975    | 1        |
| S3        | 1.2500       | 1.2938      | .044       | 3.51    | 1294.0 | 3.25    | 1        |
| S4        | 2.5000       | 2.5430      | .043       | 1.72    | 2540.0 | 3.91    | 1        |
| S5        | 5.0000       | 4.8656      | -.134      | -2.69   | 4856.5 | 6.83    | 1        |
| S2        | .40000       | .44218      | .042       | 10.5    | 444.61 | 1.54    | 1        |

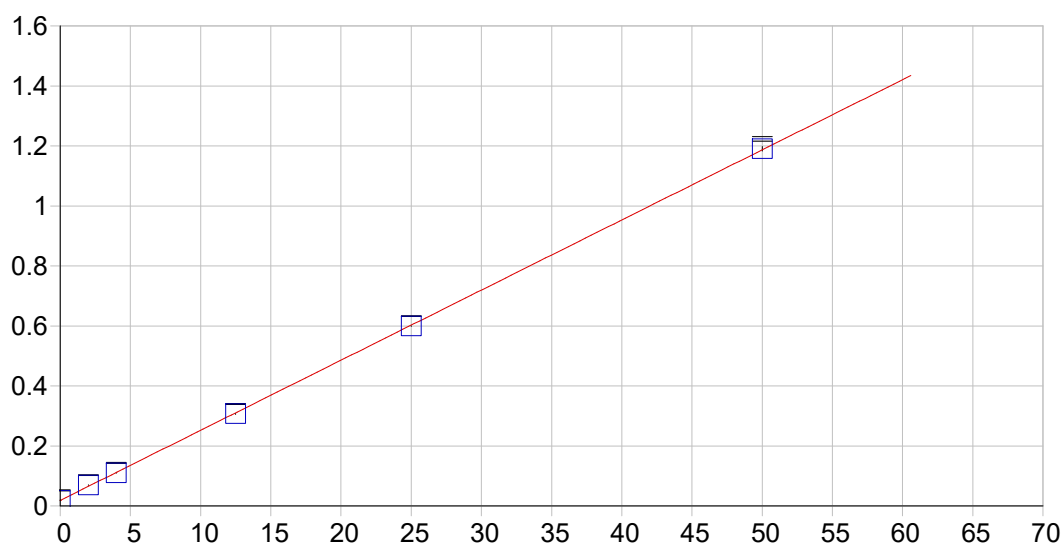


**Zn 213.856 {158}**

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011200 Re-Slope: 1.000000  
 A1 (Gain): 4.019512 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999859 Status: OK.  
 Std Error of Est: 0.001594  
 Predicted MDL: 0.000372  
 Predicted MQL: 0.001240

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .01117 | .001    | 1        |
| S1        | .04000       | .04408      | .004       | 10.2    | .18930 | .001    | 1        |
| S3        | 1.2500       | 1.2594      | .009       | .748    | 5.1015 | .025    | 1        |
| S4        | 2.5000       | 2.5077      | .008       | .310    | 10.148 | .056    | 1        |
| S5        | 5.0000       | 4.9530      | -.047      | -.940   | 20.033 | .146    | 1        |
| S2        | .40000       | .42584      | .026       | 6.46    | 1.7319 | .005    | 1        |

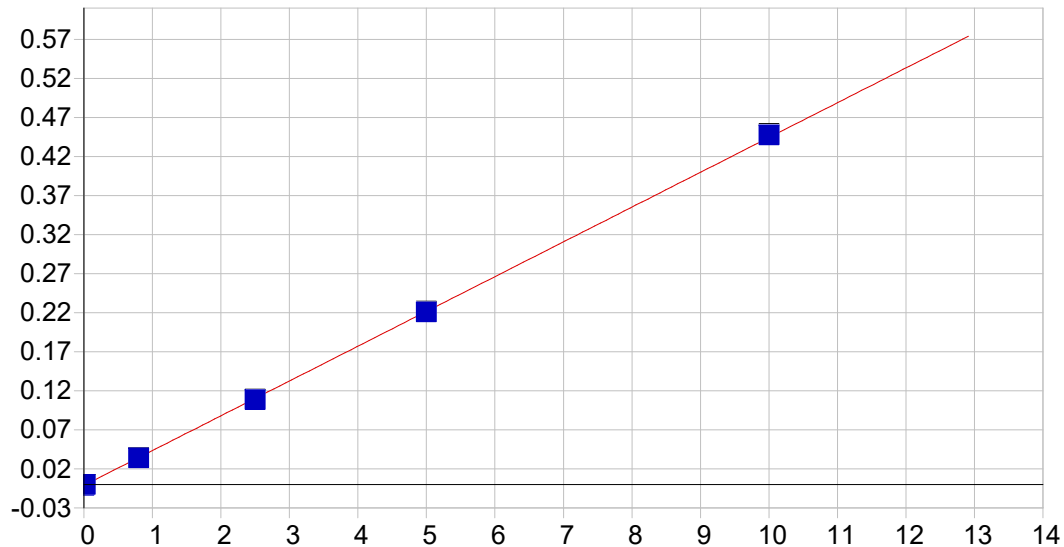


**K 769.896 { 44 }**

Date of Fit: 11/08/2022 18:12:55      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.018334 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.023369 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999899 | Status:   | OK.      |
| Std Error of Est: | 0.000176 |           |          |
| Predicted MDL:    | 0.072241 |           |          |
| Predicted MQL:    | 0.240802 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00011     | -.000      | .000    | .01833 | .002    | 1        |
| S2        | 4.0000       | 3.9383      | -.062      | -1.54   | .11037 | .002    | 1        |
| S3        | 12.500       | 12.349      | -.151      | -1.21   | .30693 | .002    | 1        |
| S4        | 25.000       | 24.876      | -.124      | -.496   | .59967 | .001    | 1        |
| S5        | 50.000       | 50.163      | .163       | .327    | 1.1906 | .007    | 1        |
| S1        | 2.0000       | 2.1733      | .173       | 8.67    | .06912 | .001    | 1        |

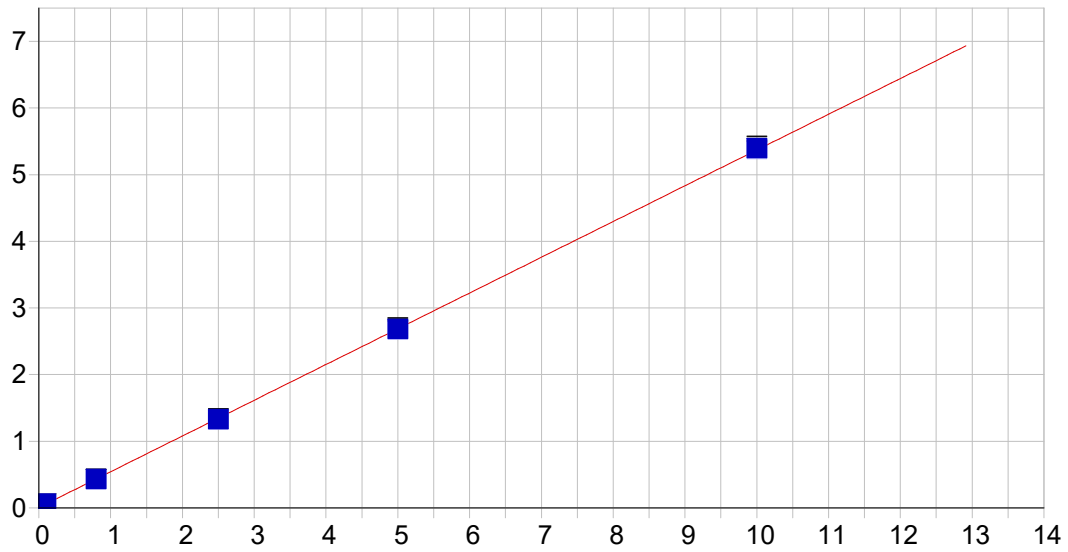


P 177.495 {490}

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001126 Re-Slope: 1.000000  
 A1 (Gain): 0.044537 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999957 Status: OK.  
 Std Error of Est: 0.000010  
 Predicted MDL: 0.004185  
 Predicted MQL: 0.013951

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00113 | .000    | 1        |
| S1        | .02000       | .02231      | .002       | 11.5    | -.00012 | .000    | 1        |
| S3        | 2.5000       | 2.4633      | -.037      | -1.47   | .10884  | .001    | 1        |
| S4        | 5.0000       | 4.9809      | -.019      | -.381   | .22123  | .001    | 1        |
| S5        | 10.000       | 10.068      | .068       | .678    | .44830  | .001    | 1        |
| S2        | .80000       | .78562      | -.014      | -1.80   | .03395  | .000    | 1        |

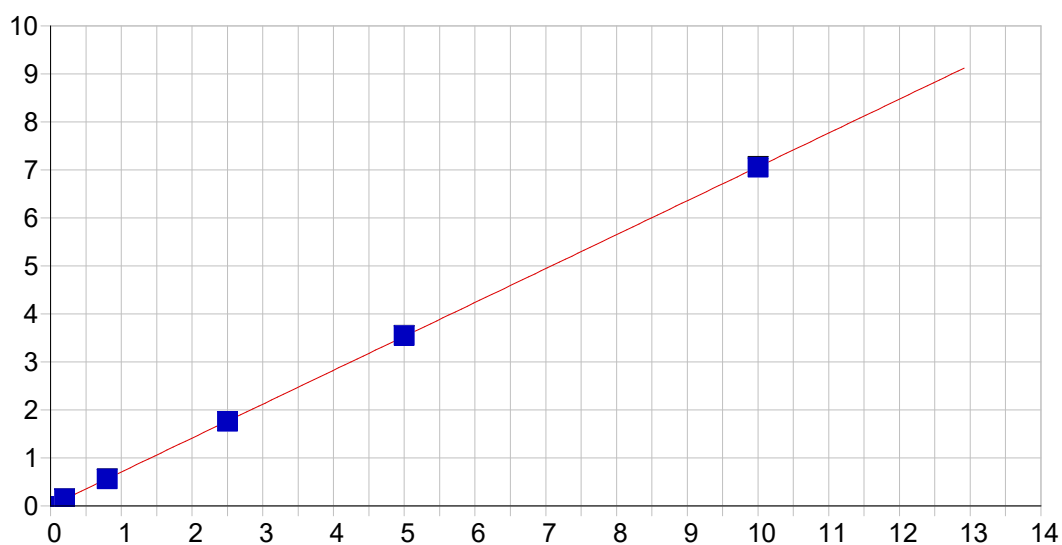


**B 249.678 {135}**

Date of Fit: 11/08/2022 18:12:55      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.006308 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.536385 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999974 | Status:   | OK.      |
| Std Error of Est: | 0.000203 |           |          |
| Predicted MDL:    | 0.001065 |           |          |
| Predicted MQL:    | 0.003549 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00631 | .000    | 1        |
| S1        | .10000       | .10388      | .004       | 3.88    | .06182 | .001    | 1        |
| S3        | 2.5000       | 2.4676      | -.032      | -1.29   | 1.3269 | .008    | 1        |
| S4        | 5.0000       | 4.9888      | -.011      | -.223   | 2.6761 | .022    | 1        |
| S5        | 10.000       | 10.049      | .049       | .494    | 5.3844 | .035    | 1        |
| S2        | .80000       | .79025      | -.010      | -1.22   | .42921 | .002    | 1        |

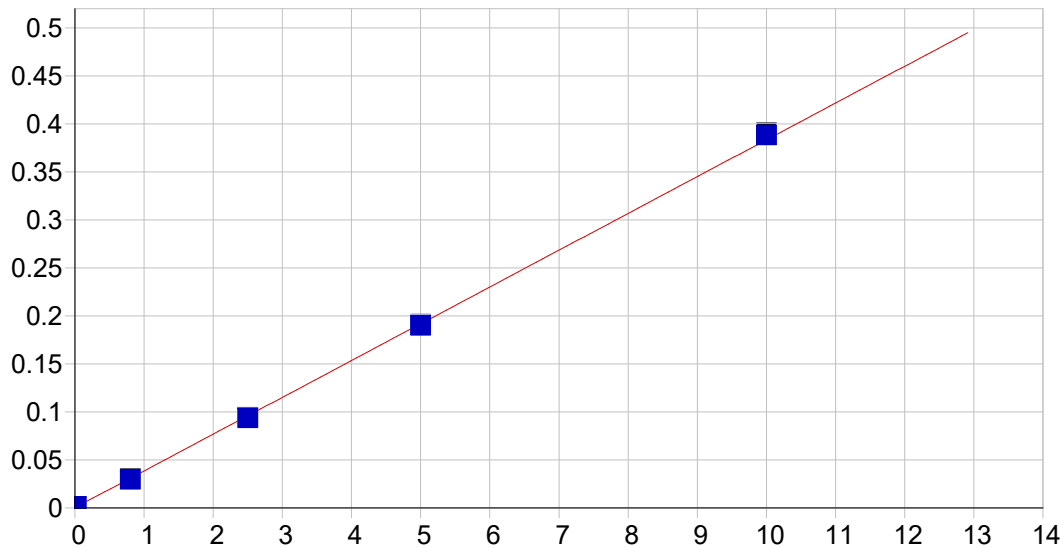


**Mo 202.030 {467}**

Date of Fit: 11/08/2022 18:12:55      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000748 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.706194 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999976 | Status:   | OK.      |
| Std Error of Est: | 0.000365 |           |          |
| Predicted MDL:    | 0.000496 |           |          |
| Predicted MQL:    | 0.001653 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00074 | .001    | 1        |
| S1        | .20000       | .21106      | .011       | 5.53    | .14981 | .001    | 1        |
| S3        | 2.5000       | 2.4902      | -.010      | -.390   | 1.7597 | .003    | 1        |
| S4        | 5.0000       | 5.0226      | .023       | .452    | 3.5484 | .007    | 1        |
| S5        | 10.000       | 9.9859      | -.014      | -.141   | 7.0543 | .019    | 1        |
| S2        | .80000       | .79023      | -.010      | -1.22   | .55893 | .002    | 1        |

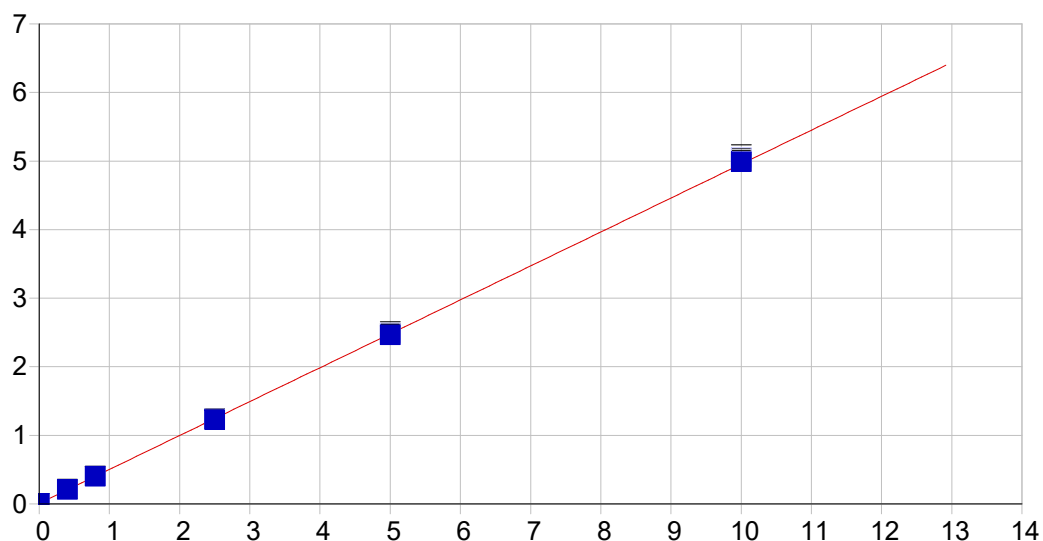


**S 182.034 {485}**

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000243 Re-Slope: 1.000000  
 A1 (Gain): 0.038315 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999763 Status: OK.  
 Std Error of Est: 0.000020  
 Predicted MDL: 0.005984  
 Predicted MQL: 0.019947

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00024 | .000    | 1        |
| S1        | .02000       | .02905      | .009       | 45.2    | .00134 | .000    | 1        |
| S3        | 2.5000       | 2.4348      | -.065      | -2.61   | .09400 | .000    | 1        |
| S4        | 5.0000       | 4.9563      | -.044      | -.875   | .19109 | .000    | 1        |
| S5        | 10.000       | 10.128      | .128       | 1.28    | .39018 | .001    | 1        |
| S2        | .80000       | .77224      | -.028      | -3.47   | .02998 | .000    | 1        |

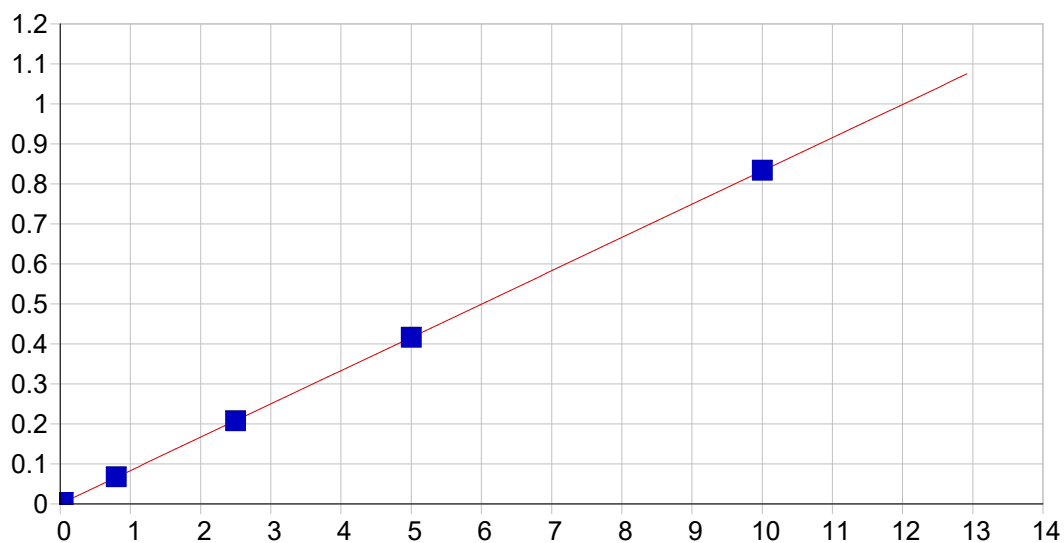


### Si 251.611 {134}

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007431 Re-Slope: 1.000000  
 A1 (Gain): 0.494730 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999961 Status: OK.  
 Std Error of Est: 0.000465  
 Predicted MDL: 0.001205  
 Predicted MQL: 0.004016

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00743 | .001    | 1        |
| S1        | .40000       | .40678      | .007       | 1.70    | .20963 | .003    | 1        |
| S3        | 2.5000       | 2.4635      | -.037      | -1.46   | 1.2407 | .003    | 1        |
| S4        | 5.0000       | 4.9638      | -.036      | -.724   | 2.4923 | .019    | 1        |
| S5        | 10.000       | 10.072      | .072       | .721    | 5.0487 | .043    | 1        |
| S2        | .80000       | .79386      | -.006      | -.767   | .40484 | .002    | 1        |

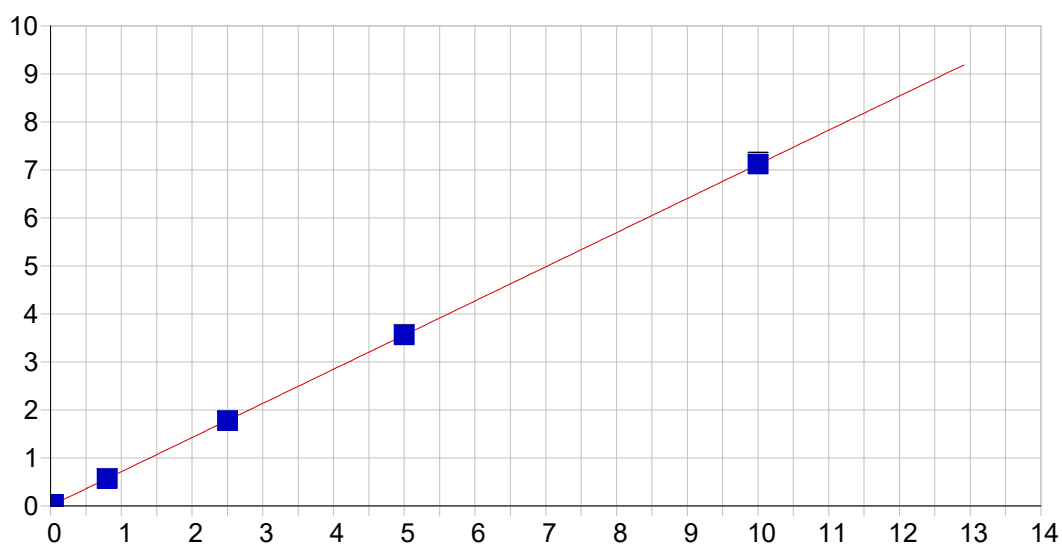


**Sn 189.989 {478}**

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000240 Re-Slope: 1.000000  
 A1 (Gain): 0.083216 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999970 Status: OK.  
 Std Error of Est: 0.000021  
 Predicted MDL: 0.002322  
 Predicted MQL: 0.007739

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00024 | .000    | 1        |
| S1        | .04000       | .04632      | .006       | 15.8    | .00410 | .000    | 1        |
| S3        | 2.5000       | 2.4854      | -.015      | -.584   | .20690 | .000    | 1        |
| S4        | 5.0000       | 4.9948      | -.005      | -.104   | .41556 | .001    | 1        |
| S5        | 10.000       | 10.013      | .013       | .126    | .83279 | .001    | 1        |
| S2        | .80000       | .80093      | .001       | .117    | .06684 | .000    | 1        |

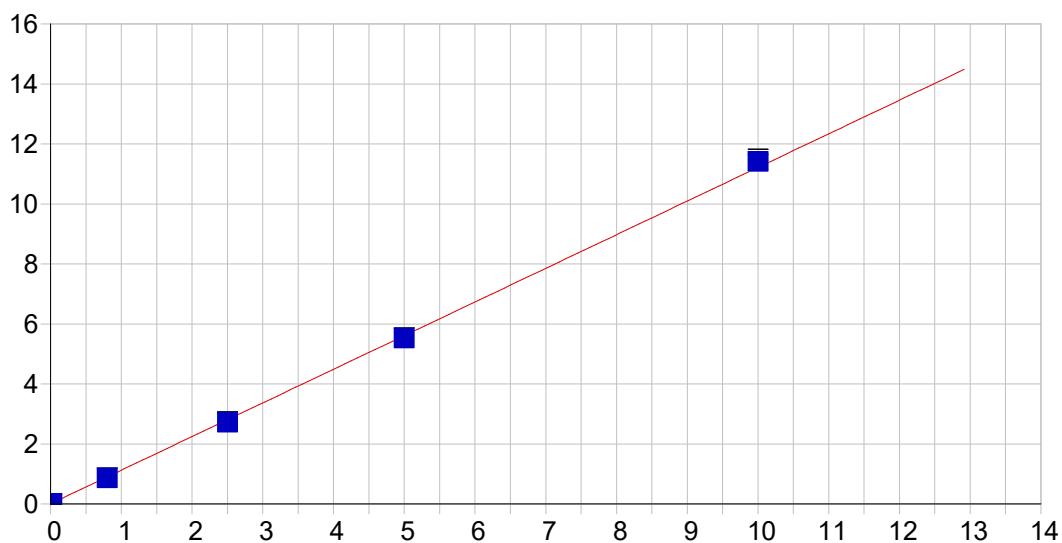


**Ti 336.121 {100}**

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001682 Re-Slope: 1.000000  
 A1 (Gain): 0.711434 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999991 Status: OK.  
 Std Error of Est: 0.000100  
 Predicted MDL: 0.001079  
 Predicted MQL: 0.003598

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00168 | .000    | 1        |
| S1        | .04000       | .04331      | .003       | 8.28    | .03248 | .001    | 1        |
| S3        | 2.5000       | 2.4922      | -.008      | -.311   | 1.7741 | .007    | 1        |
| S4        | 5.0000       | 5.0015      | .001       | .029    | 3.5587 | .011    | 1        |
| S5        | 10.000       | 10.008      | .008       | .075    | 7.1190 | .038    | 1        |
| S2        | .80000       | .79547      | -.005      | -.567   | .56741 | .003    | 1        |



Li 670.784 { 50}

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002608 Re-Slope: 1.000000  
 A1 (Gain): 1.121288 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999786 Status: OK.  
 Std Error of Est: 0.000544  
 Predicted MDL: 0.001936  
 Predicted MQL: 0.006453

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00261 | .000    | 1        |
| S5        | 10.000       | 10.172      | .172       | 1.72    | 11.411 | .085    | 1        |
| S4        | 5.0000       | 4.9289      | -.071      | -1.42   | 5.5304 | .019    | 1        |
| S3        | 2.5000       | 2.4271      | -.073      | -2.92   | 2.7246 | .021    | 1        |
| S1        | .02000       | .02325      | .003       | 16.3    | .02870 | .001    | 1        |
| S2        | .80000       | .76863      | -.031      | -3.92   | .86464 | .010    | 1        |



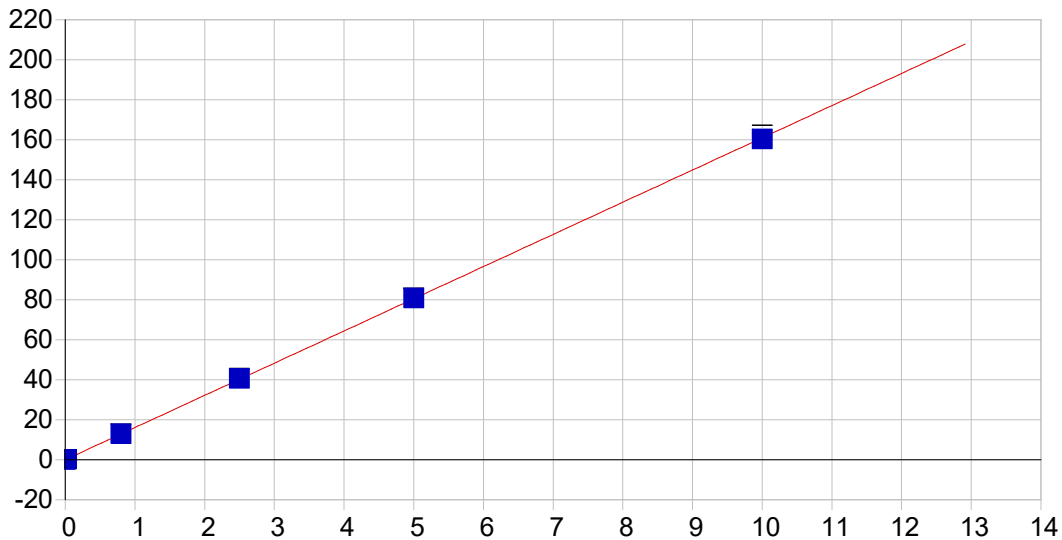




A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.000000  
 Std Error of Est: 0.000000  
 Predicted MDL: n/a  
 Predicted MQL: n/a

Status: Warning Zero Gain

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



Sr 407.771 { 83}

Date of Fit: 11/08/2022 18:12:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000098 Re-Slope: 1.000000  
 A1 (Gain): 16.095263 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999983 Status: OK.  
 Std Error of Est: 0.002229  
 Predicted MDL: 0.000069  
 Predicted MQL: 0.000231

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00013 | .001    | 1        |
| S1        | .02000       | .02203      | .002       | 10.1    | .35606  | .001    | 1        |
| S3        | 2.5000       | 2.5201      | .020       | .803    | 40.601  | .121    | 1        |
| S4        | 5.0000       | 5.0203      | .020       | .407    | 80.884  | .240    | 1        |
| S5        | 10.000       | 9.9565      | -.043      | -.435   | 160.41  | 2.02    | 1        |
| S2        | .80000       | .80100      | .001       | .125    | 12.905  | .096    | 1        |