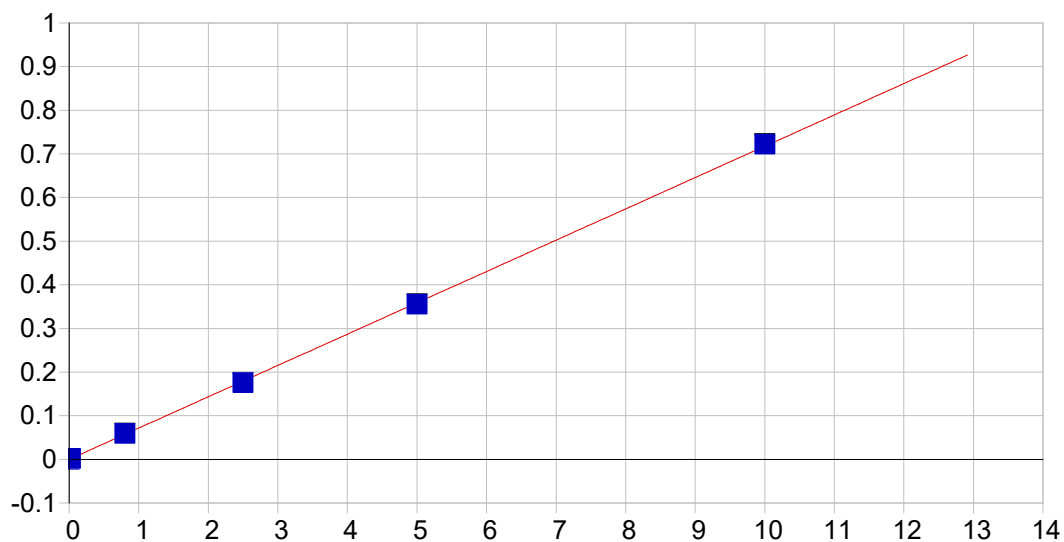


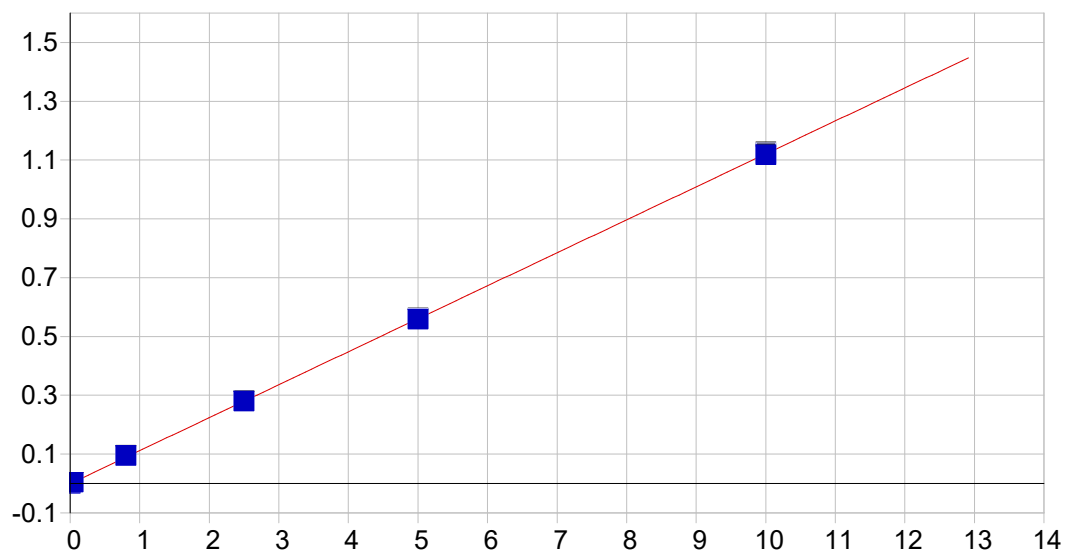


**As 189.042 {479}**

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000073 Re-Slope: 1.000000  
 A1 (Gain): 0.071757 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999909 Status: OK.  
 Std Error of Est: 0.000023  
 Predicted MDL: 0.001948  
 Predicted MQL: 0.006493

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00007 | .000    | 1        |
| S1        | .02000       | .02406      | .004       | 20.3    | .00166  | .000    | 1        |
| S3        | 2.5000       | 2.4527      | -.047      | -1.89   | .17591  | .001    | 1        |
| S4        | 5.0000       | 4.9570      | -.043      | -.860   | .35560  | .000    | 1        |
| S5        | 10.000       | 10.059      | .059       | .594    | .72170  | .002    | 1        |
| S2        | .80000       | .82688      | .027       | 3.36    | .05926  | .000    | 1        |

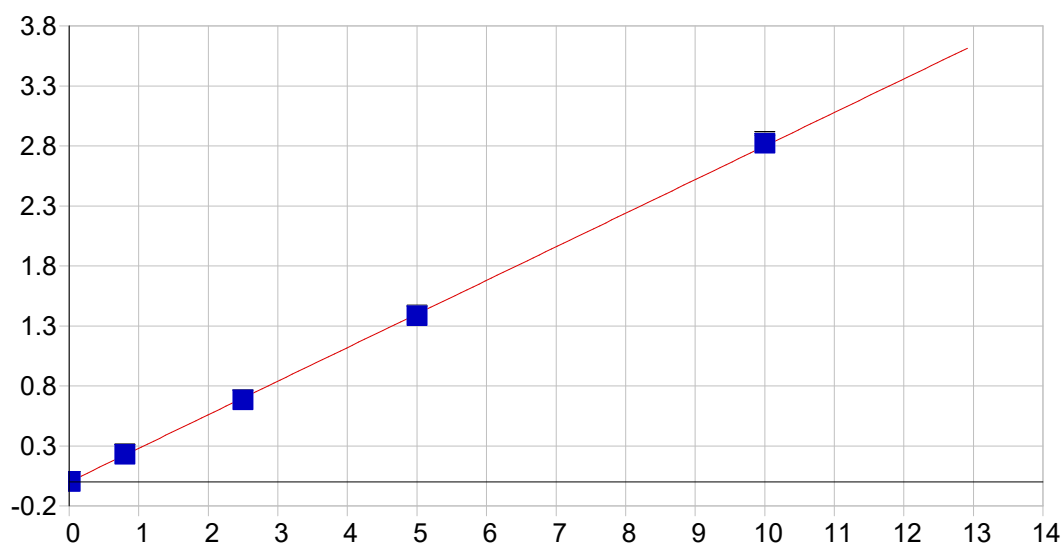


**TI 190.856 {477}**

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000265 Re-Slope: 1.000000  
 A1 (Gain): 0.112128 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999906 Status: OK.  
 Std Error of Est: 0.000051  
 Predicted MDL: 0.001166  
 Predicted MQL: 0.003888

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00027 | .000    | 1        |
| S1        | .04000       | .04484      | .005       | 12.1    | .00475  | .000    | 1        |
| S3        | 2.5000       | 2.4938      | -.006      | -.248   | .28082  | .001    | 1        |
| S4        | 5.0000       | 4.9814      | -.019      | -.373   | .56121  | .001    | 1        |
| S5        | 10.000       | 9.9731      | -.027      | -.269   | 1.1239  | .004    | 1        |
| S2        | .80000       | .84692      | .047       | 5.86    | .09517  | .000    | 1        |

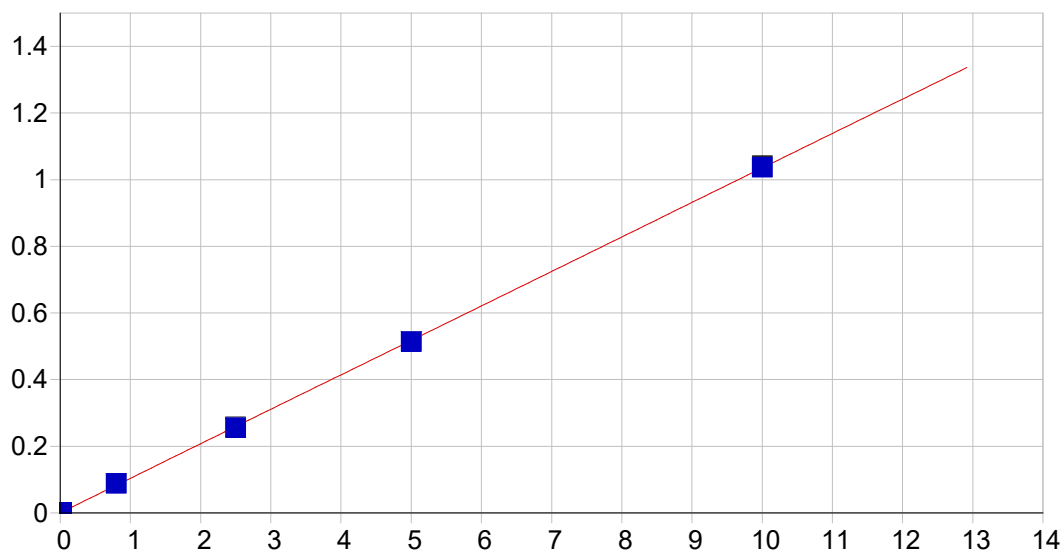


**Pb 220.353 {453}**

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000123 Re-Slope: 1.000000  
 A1 (Gain): 0.279828 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999908 Status: OK.  
 Std Error of Est: 0.000069  
 Predicted MDL: 0.001063  
 Predicted MQL: 0.003544

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00012 | .000    | 1        |
| S1        | .01200       | .01325      | .001       | 10.4    | .00375 | .000    | 1        |
| S3        | 2.5000       | 2.4411      | -.059      | -2.35   | .68260 | .001    | 1        |
| S4        | 5.0000       | 4.9499      | -.050      | -1.00   | 1.3840 | .004    | 1        |
| S5        | 10.000       | 10.086      | .086       | .861    | 2.8200 | .016    | 1        |
| S2        | .80000       | .82163      | .022       | 2.70    | .22984 | .001    | 1        |

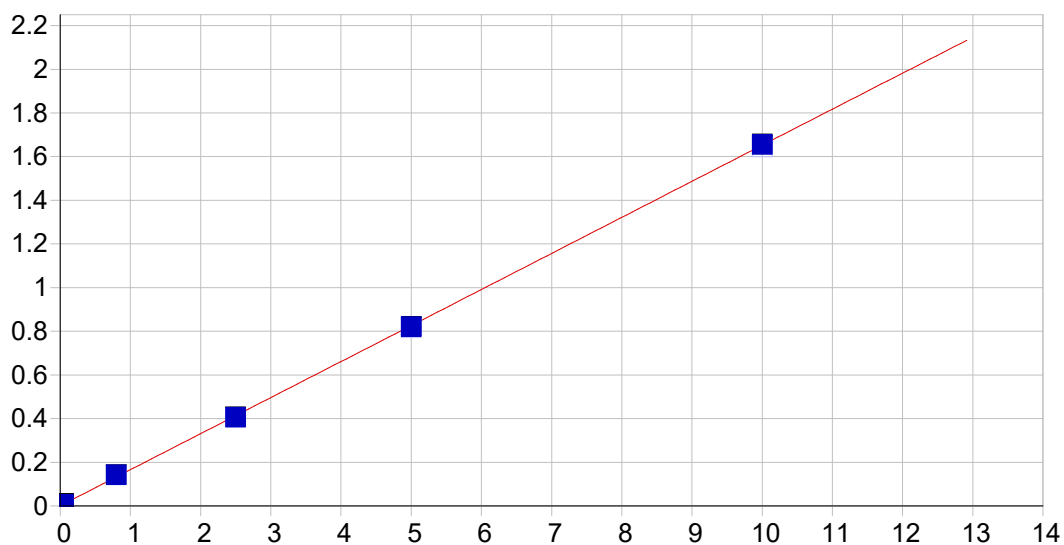


Se 196.090 {472}

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000418 Re-Slope: 1.000000  
 A1 (Gain): 0.103463 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999896 Status: OK.  
 Std Error of Est: 0.000035  
 Predicted MDL: 0.002008  
 Predicted MQL: 0.006695

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00042 | .000    | 1        |
| S1        | .02000       | .02127      | .001       | 6.37    | .00262 | .000    | 1        |
| S3        | 2.5000       | 2.4677      | -.032      | -1.29   | .25566 | .001    | 1        |
| S4        | 5.0000       | 4.9607      | -.039      | -.786   | .51352 | .000    | 1        |
| S5        | 10.000       | 10.022      | .022       | .217    | 1.0370 | .004    | 1        |
| S2        | .80000       | .84864      | .049       | 6.08    | .08820 | .000    | 1        |

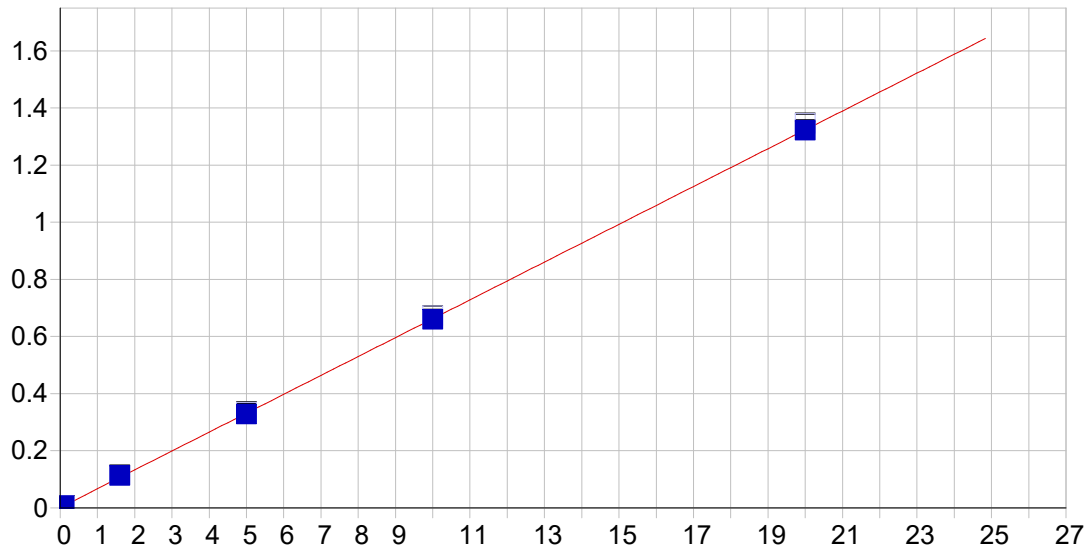


**Sb 206.833 {463}**

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000495 Re-Slope: 1.000000  
 A1 (Gain): 0.165147 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999863 Status: OK.  
 Std Error of Est: 0.000101  
 Predicted MDL: 0.001454  
 Predicted MQL: 0.004845

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00049 | .000    | 1        |
| S1        | .05000       | .05442      | .004       | 8.84    | .00943 | .000    | 1        |
| S3        | 2.5000       | 2.4599      | -.040      | -1.60   | .40391 | .001    | 1        |
| S4        | 5.0000       | 4.9635      | -.037      | -.730   | .81454 | .002    | 1        |
| S5        | 10.000       | 10.018      | .018       | .183    | 1.6437 | .004    | 1        |
| S2        | .80000       | .85385      | .054       | 6.73    | .14060 | .000    | 1        |

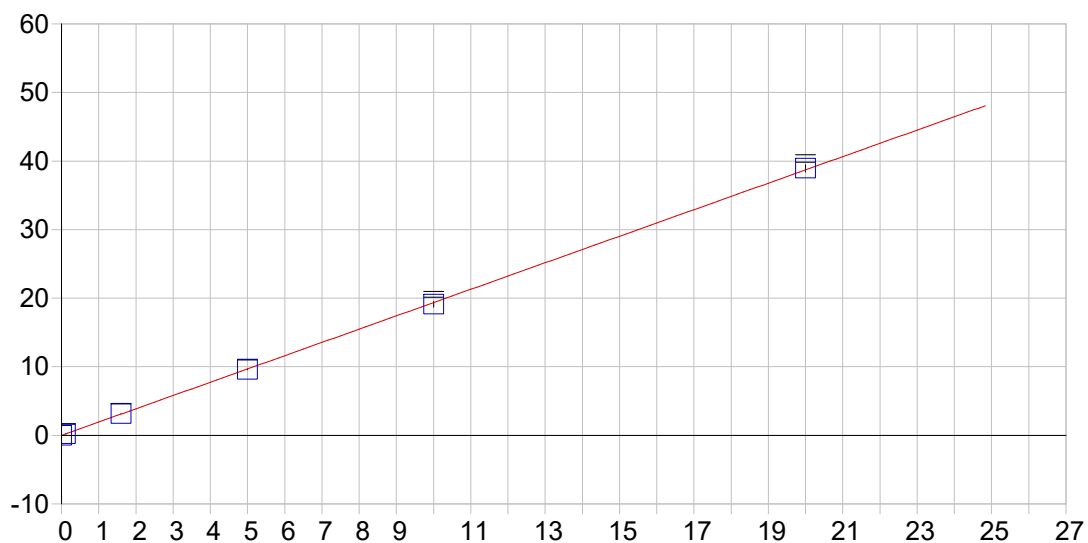


AI 396.152 { 85}

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000904 Re-Slope: 1.000000  
 A1 (Gain): 0.066137 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999899 Status: OK.  
 Std Error of Est: 0.000071  
 Predicted MDL: 0.010325  
 Predicted MQL: 0.034418

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00090 | .000    | 1        |
| S1        | .10000       | .11307      | .013       | 13.1    | .00890 | .000    | 1        |
| S3        | 5.0000       | 4.9543      | -.046      | -.913   | .33451 | .003    | 1        |
| S4        | 10.000       | 9.9709      | -.029      | -.291   | .67223 | .000    | 1        |
| S5        | 20.000       | 19.968      | -.032      | -.161   | 1.3453 | .002    | 1        |
| S2        | 1.6000       | 1.6931      | .093       | 5.82    | .11478 | .001    | 1        |

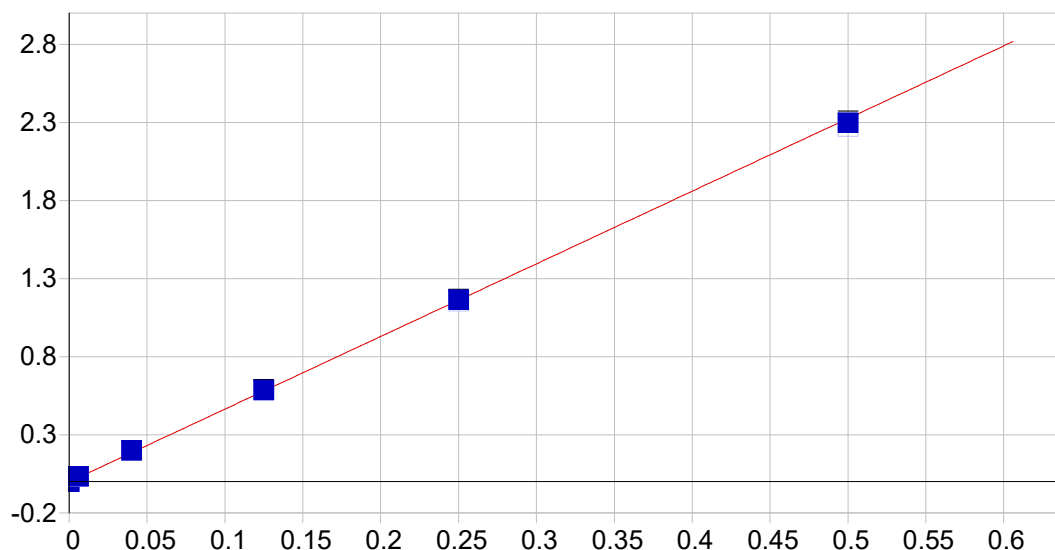


**Ba 493.409 { 68}**

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000103 Re-Slope: 1.000000  
 A1 (Gain): 1.935722 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999952 Status: OK.  
 Std Error of Est: 0.001410  
 Predicted MDL: 0.000586  
 Predicted MQL: 0.001953

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00009 | .000    | 1        |
| S1        | .10000       | .10365      | .004       | 3.65    | .20075 | .002    | 1        |
| S3        | 5.0000       | 4.9516      | -.048      | -.968   | 9.5850 | .050    | 1        |
| S4        | 10.000       | 9.8874      | -.113      | -1.13   | 19.139 | .422    | 1        |
| S5        | 20.000       | 20.118      | .118       | .589    | 38.943 | .534    | 1        |
| S2        | 1.6000       | 1.6396      | .040       | 2.47    | 3.1738 | .021    | 1        |

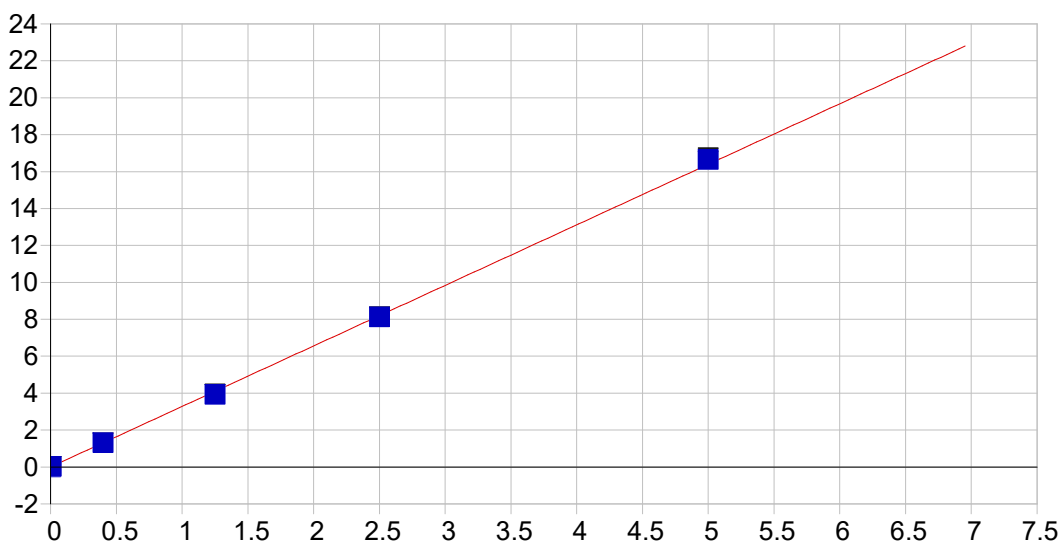


### Be 234.861 {144}

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000766 Re-Slope: 1.000000  
 A1 (Gain): 4.651254 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999701 Status: OK.  
 Std Error of Est: 0.000324  
 Predicted MDL: 0.000053  
 Predicted MQL: 0.000178

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00077 | .000    | 1        |
| S1        | .00600       | .00723      | .001       | 20.5    | .03240  | .000    | 1        |
| S3        | .12500       | .12610      | .001       | .881    | .57976  | .006    | 1        |
| S4        | .25000       | .25072      | .001       | .289    | 1.1534  | .004    | 1        |
| S5        | .50000       | .49409      | -.006      | -1.18   | 2.2733  | .011    | 1        |
| S2        | .04000       | .04286      | .003       | 7.16    | .19668  | .001    | 1        |

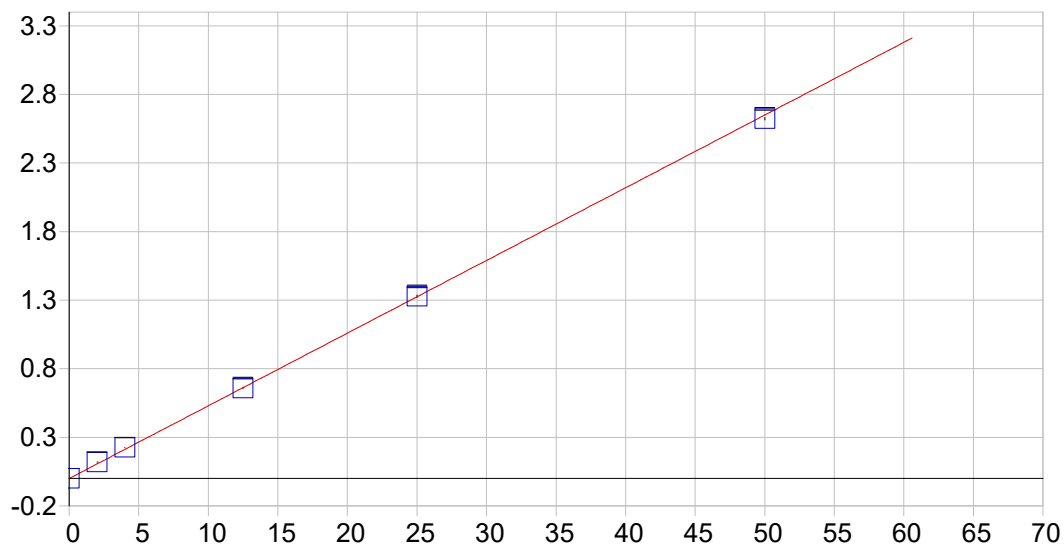


**Cd 226.502 {449}**

Date of Fit: 11/12/2022 3:42:21      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000056 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.278945 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999808 | Status:   | OK.      |
| Std Error of Est: | 0.000582 |           |          |
| Predicted MDL:    | 0.000075 |           |          |
| Predicted MQL:    | 0.000250 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00005 | .000    | 1        |
| S1        | .00600       | .00678      | .001       | 13.0    | .02229 | .000    | 1        |
| S3        | 1.2500       | 1.1997      | -.050      | -4.02   | 3.9341 | .010    | 1        |
| S4        | 2.5000       | 2.4762      | -.024      | -.950   | 8.1199 | .025    | 1        |
| S5        | 5.0000       | 5.0757      | .076       | 1.51    | 16.644 | .091    | 1        |
| S2        | .40000       | .39759      | -.002      | -.604   | 1.3038 | .004    | 1        |

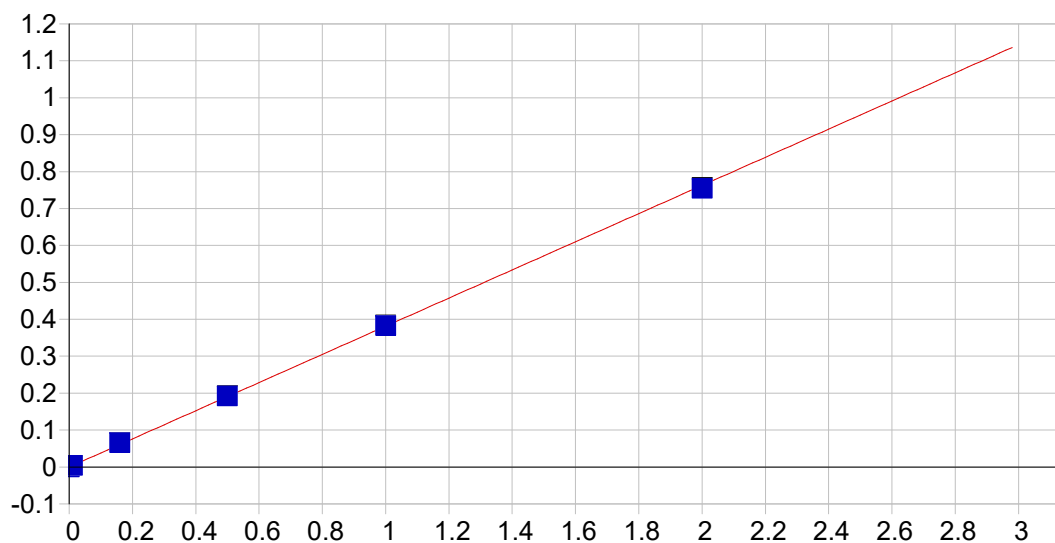


Ca 373.690 { 90}

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000033 Re-Slope: 1.000000  
 A1 (Gain): 0.052993 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999714 Status: OK.  
 Std Error of Est: 0.000671  
 Predicted MDL: 0.009582  
 Predicted MQL: 0.031940

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00035     | -.000      | .000    | .00001 | .000    | 1        |
| S2        | 4.0000       | 4.2609      | .261       | 6.52    | .22583 | .002    | 1        |
| S3        | 12.500       | 12.442      | -.058      | -.460   | .65940 | .005    | 1        |
| S4        | 25.000       | 25.057      | .057       | .227    | 1.3279 | .009    | 1        |
| S5        | 50.000       | 49.492      | -.508      | -1.02   | 2.6227 | .010    | 1        |
| S1        | 2.0000       | 2.2482      | .248       | 12.4    | .11917 | .001    | 1        |

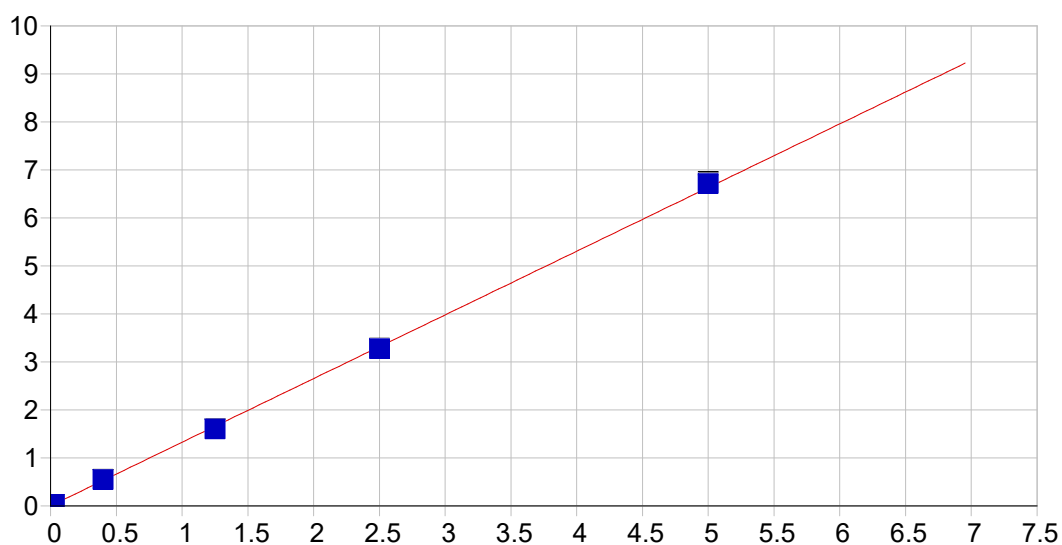


**Cr 267.716 {126}**

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000084 Re-Slope: 1.000000  
 A1 (Gain): 0.381295 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999809 Status: OK.  
 Std Error of Est: 0.000055  
 Predicted MDL: 0.000300  
 Predicted MQL: 0.001001

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00008 | .000    | 1        |
| S1        | .01000       | .01168      | .002       | 16.8    | .00437  | .000    | 1        |
| S3        | .50000       | .50400      | .004       | .801    | .19219  | .001    | 1        |
| S4        | 1.0000       | 1.0044      | .004       | .445    | .38311  | .001    | 1        |
| S5        | 2.0000       | 1.9783      | -.022      | -1.08   | .75464  | .002    | 1        |
| S2        | .16000       | .17154      | .012       | 7.21    | .06536  | .000    | 1        |

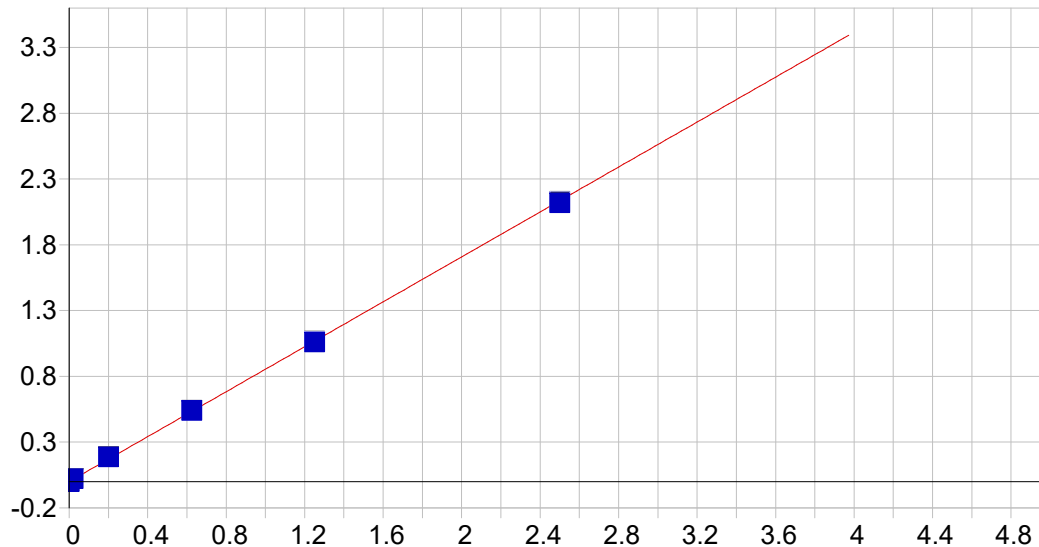


**Co 228.616 {448}**

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000210 Re-Slope: 1.000000  
 A1 (Gain): 1.326549 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999823 Status: OK.  
 Std Error of Est: 0.000508  
 Predicted MDL: 0.000166  
 Predicted MQL: 0.000552

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00021 | .000    | 1        |
| S1        | .03000       | .03186      | .002       | 6.21    | .04236 | .000    | 1        |
| S3        | 1.2500       | 1.2076      | -.042      | -3.39   | 1.6053 | .004    | 1        |
| S4        | 2.5000       | 2.4652      | -.035      | -1.39   | 3.2767 | .009    | 1        |
| S5        | 5.0000       | 5.0618      | .062       | 1.24    | 6.7278 | .031    | 1        |
| S2        | .40000       | .41354      | .014       | 3.39    | .54982 | .002    | 1        |

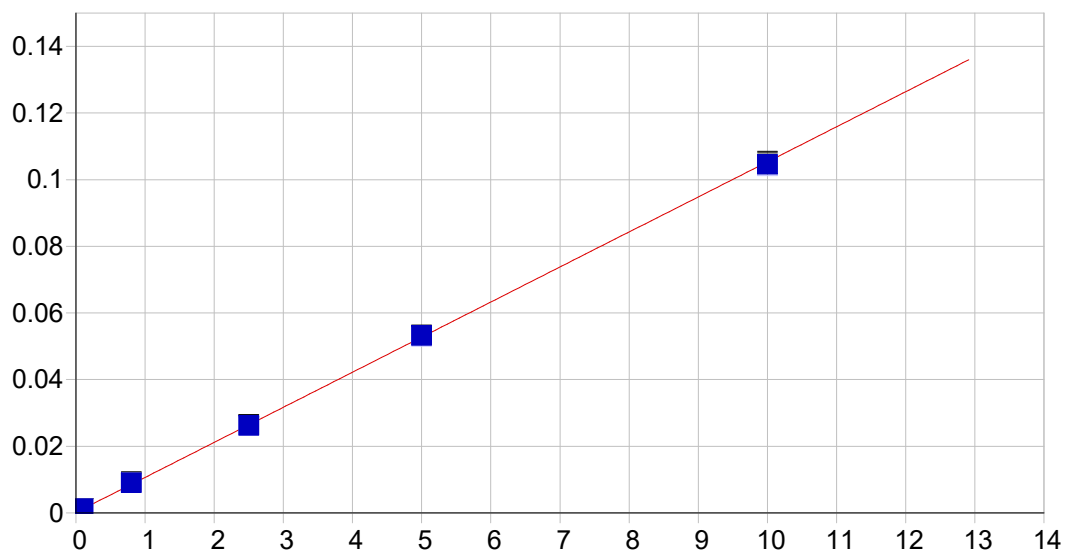


**Cu 224.700 {450}**

Date of Fit: 11/12/2022 3:42:21      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000039 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.854161  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999675  | Status:   | OK.      |
| Std Error of Est: | 0.000257  |           |          |
| Predicted MDL:    | 0.000408  |           |          |
| Predicted MQL:    | 0.001361  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00004 | .000    | 1        |
| S1        | .02000       | .02441      | .004       | 22.0    | .02095  | .000    | 1        |
| S3        | .62500       | .63043      | .005       | .869    | .54100  | .001    | 1        |
| S4        | 1.2500       | 1.2416      | -.008      | -.676   | 1.0656  | .002    | 1        |
| S5        | 2.5000       | 2.4797      | -.020      | -.810   | 2.1283  | .002    | 1        |
| S2        | .20000       | .21885      | .019       | 9.43    | .18771  | .000    | 1        |

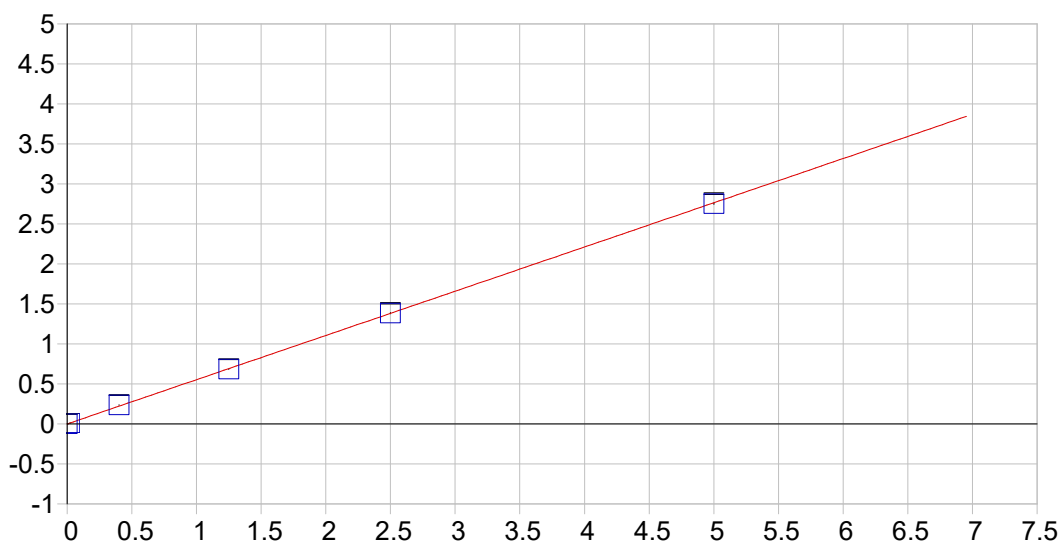


### Fe 240.488 {140}

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000147 Re-Slope: 1.000000  
 A1 (Gain): 0.010520 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999882 Status: OK.  
 Std Error of Est: 0.000008  
 Predicted MDL: 0.004641  
 Predicted MQL: 0.015471

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00015 | .000    | 1        |
| S1        | .10000       | .10728      | .007       | 7.28    | .00127 | .000    | 1        |
| S3        | 2.5000       | 2.4815      | -.019      | -.742   | .02613 | .000    | 1        |
| S4        | 5.0000       | 5.0403      | .040       | .807    | .05293 | .000    | 1        |
| S5        | 10.000       | 9.9242      | -.076      | -.758   | .10407 | .001    | 1        |
| S2        | .80000       | .84671      | .047       | 5.84    | .00902 | .000    | 1        |

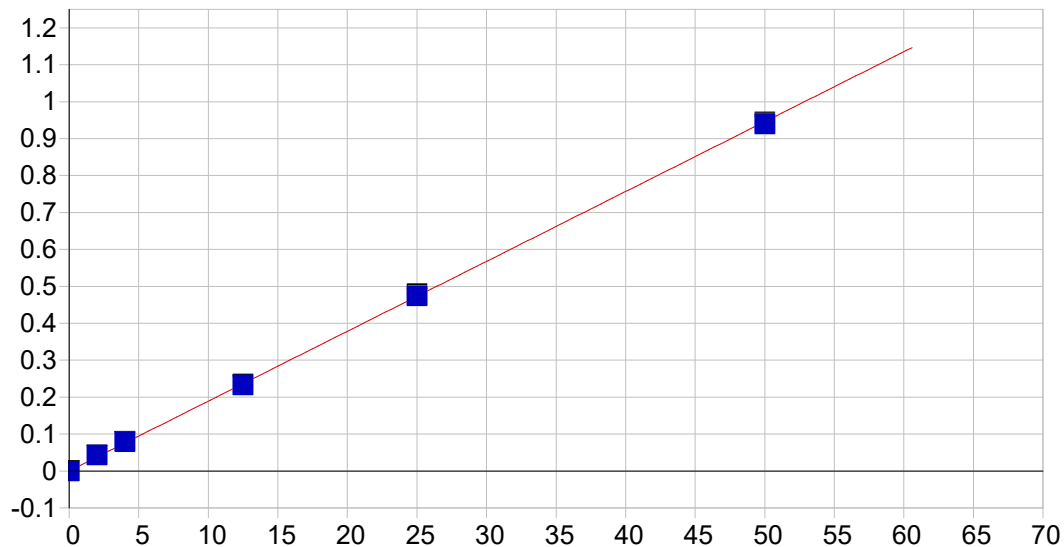


**Mn 257.610 {131}**

Date of Fit: 11/12/2022 3:42:21      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000092 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.552794 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999838 | Status:   | OK.      |
| Std Error of Est: | 0.000165 |           |          |
| Predicted MDL:    | 0.000360 |           |          |
| Predicted MQL:    | 0.001201 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00009 | .000    | 1        |
| S1        | .02000       | .02424      | .004       | 21.2    | .01349 | .000    | 1        |
| S3        | 1.2500       | 1.2364      | -.014      | -1.09   | .68356 | .004    | 1        |
| S4        | 2.5000       | 2.5023      | .002       | .092    | 1.3834 | .009    | 1        |
| S5        | 5.0000       | 4.9799      | -.020      | -.403   | 2.7529 | .010    | 1        |
| S2        | .40000       | .42719      | .027       | 6.80    | .23624 | .004    | 1        |

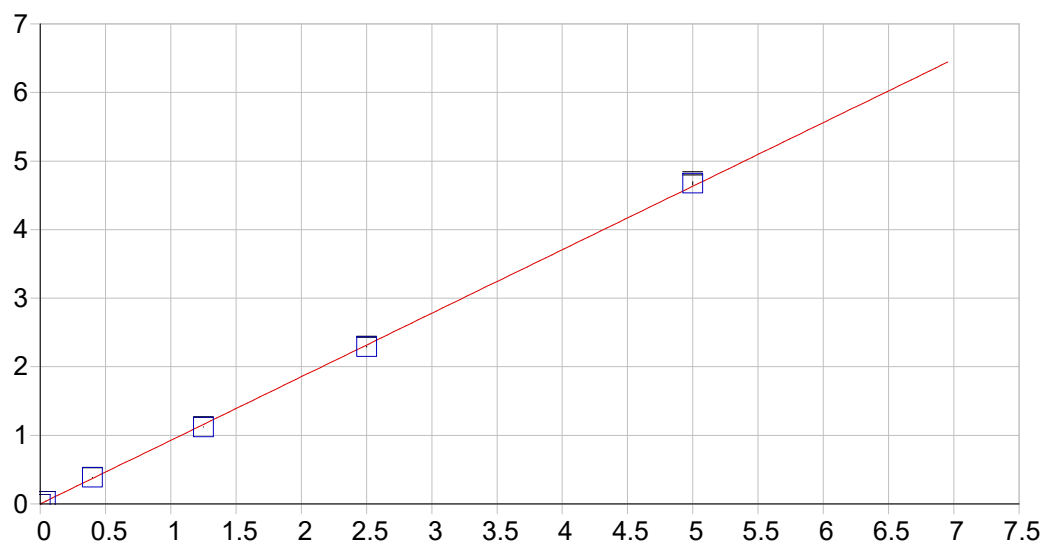


**Mg 279.079 {121}**

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000041 Re-Slope: 1.000000  
 A1 (Gain): 0.018920 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999748 Status: OK.  
 Std Error of Est: 0.000224  
 Predicted MDL: 0.015591  
 Predicted MQL: 0.051970

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00031     | -.000      | .000    | -.00005 | .000    | 1        |
| S2        | 4.0000       | 4.1812      | .181       | 4.53    | .07887  | .001    | 1        |
| S3        | 12.500       | 12.309      | -.191      | -1.53   | .23224  | .003    | 1        |
| S4        | 25.000       | 25.062      | .062       | .250    | .47293  | .005    | 1        |
| S5        | 50.000       | 49.688      | -.312      | -.624   | .93763  | .005    | 1        |
| S1        | 2.0000       | 2.2591      | .259       | 13.0    | .04265  | .000    | 1        |

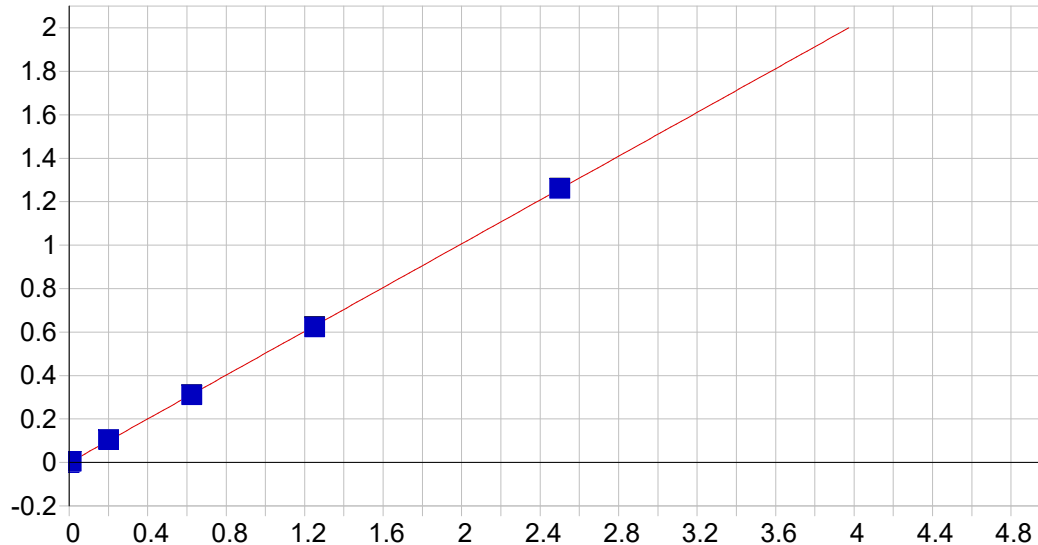


**Ni 231.604 {446}**

Date of Fit: 11/12/2022 3:42:21      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000183 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.926699 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999846 | Status:   | OK.      |
| Std Error of Est: | 0.000382 |           |          |
| Predicted MDL:    | 0.000261 |           |          |
| Predicted MQL:    | 0.000870 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00018 | .000    | 1        |
| S1        | .04000       | .04266      | .003       | 6.64    | .03971 | .000    | 1        |
| S3        | 1.2500       | 1.2106      | -.039      | -3.15   | 1.1220 | .003    | 1        |
| S4        | 2.5000       | 2.4741      | -.026      | -1.04   | 2.2929 | .006    | 1        |
| S5        | 5.0000       | 5.0455      | .046       | .910    | 4.6758 | .025    | 1        |
| S2        | .40000       | .41713      | .017       | 4.28    | .38674 | .002    | 1        |

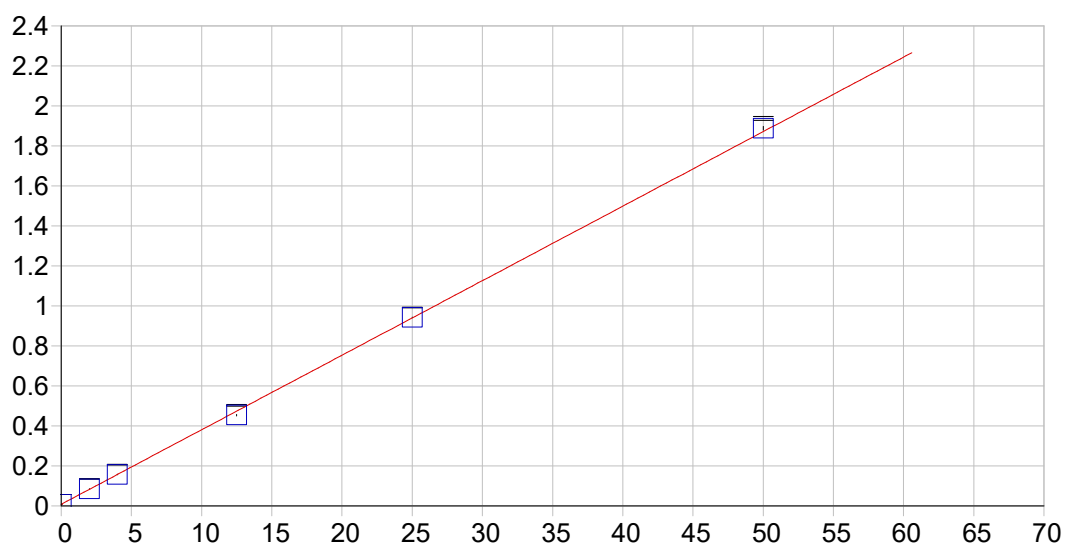


**Ag 328.068 {103}**

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001062 Re-Slope: 1.000000  
 A1 (Gain): 0.503754 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999894 Status: OK.  
 Std Error of Est: 0.000061  
 Predicted MDL: 0.000352  
 Predicted MQL: 0.001172

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00106 | .000    | 1        |
| S1        | .01000       | .01127      | .001       | 12.7    | .00459  | .000    | 1        |
| S3        | .62500       | .61874      | -.006      | -1.00   | .30986  | .000    | 1        |
| S4        | 1.2500       | 1.2384      | -.012      | -.927   | .62125  | .001    | 1        |
| S5        | 2.5000       | 2.5054      | .005       | .217    | 1.2580  | .002    | 1        |
| S2        | .20000       | .21116      | .011       | 5.58    | .10507  | .000    | 1        |

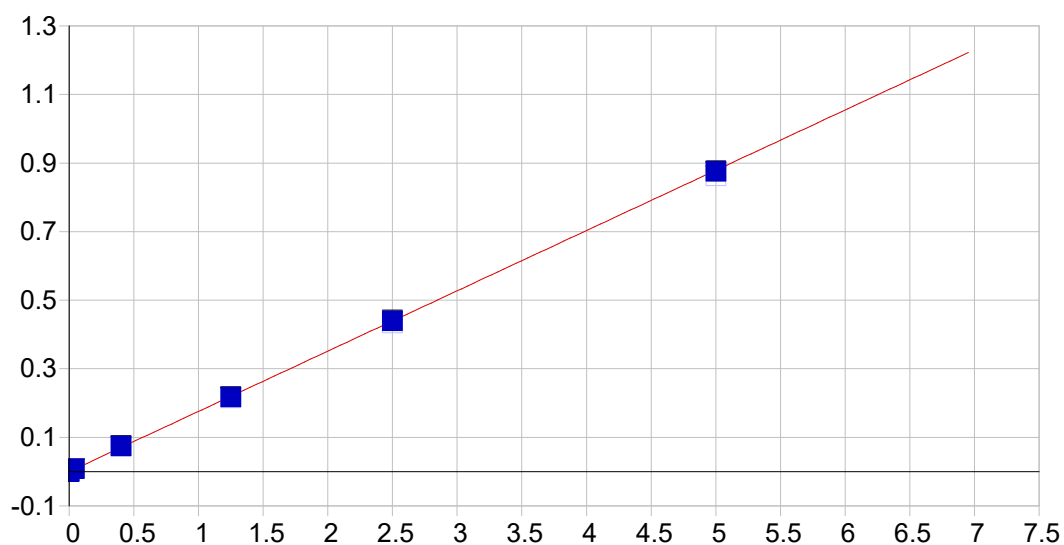


### Na 589.592 { 57}

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008234 Re-Slope: 1.000000  
 A1 (Gain): 0.037262 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999841 Status: OK.  
 Std Error of Est: 0.000351  
 Predicted MDL: 0.008670  
 Predicted MQL: 0.028901

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00823 | .000    | 1        |
| S2        | 4.0000       | 3.9894      | -.011      | -.266   | .15689 | .001    | 1        |
| S3        | 12.500       | 11.954      | -.546      | -4.37   | .45367 | .004    | 1        |
| S4        | 25.000       | 25.051      | .051       | .202    | .94167 | .002    | 1        |
| S5        | 50.000       | 50.447      | .447       | .894    | 1.8880 | .010    | 1        |
| S1        | 2.0000       | 2.0589      | .059       | 2.95    | .08495 | .001    | 1        |

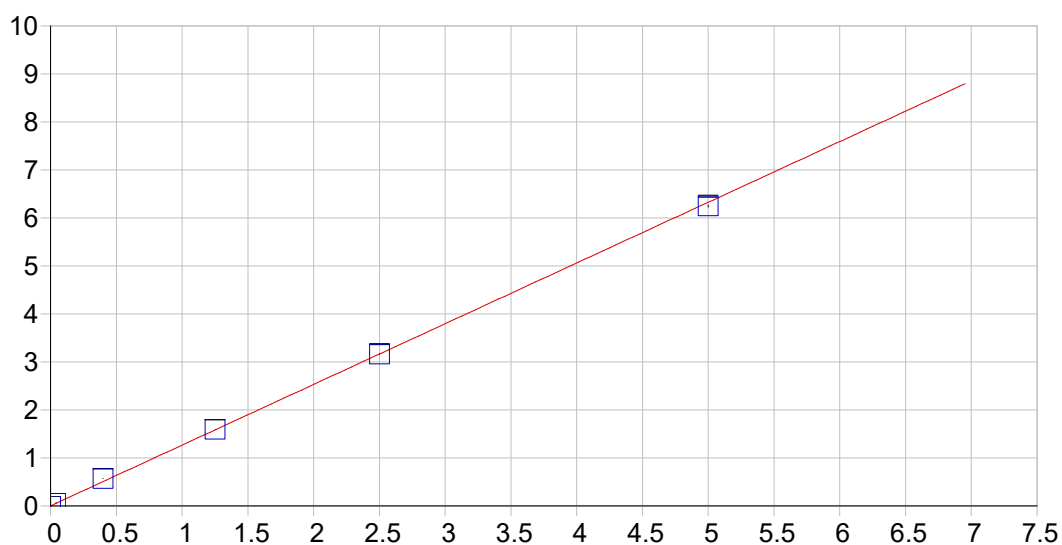


**V 292.402 {115}**

Date of Fit: 11/12/2022 3:42:21      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000110 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.175806  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999837  | Status:   | OK.      |
| Std Error of Est: | 0.000073  |           |          |
| Predicted MDL:    | 0.001891  |           |          |
| Predicted MQL:    | 0.006305  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00011 | .000    | 1        |
| S1        | .04000       | .04749      | .007       | 18.7    | .00798  | .000    | 1        |
| S3        | 1.2500       | 1.2373      | -.013      | -1.02   | .21418  | .001    | 1        |
| S4        | 2.5000       | 2.5019      | .002       | .076    | .43328  | .003    | 1        |
| S5        | 5.0000       | 4.9806      | -.019      | -.387   | .86260  | .002    | 1        |
| S2        | .40000       | .42283      | .023       | 5.71    | .07319  | .001    | 1        |

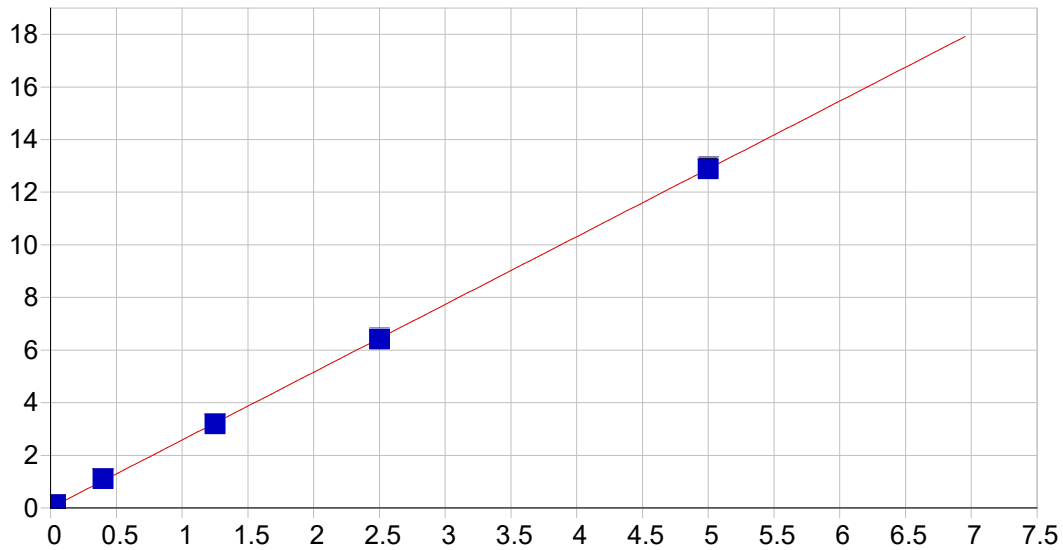


### Zn 206.200 {464}

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001797 Re-Slope: 1.000000  
 A1 (Gain): 1.264833 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999579 Status: OK.  
 Std Error of Est: 0.000862  
 Predicted MDL: 0.000155  
 Predicted MQL: 0.000518

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00178 | .000    | 1        |
| S1        | .04000       | .04648      | .006       | 16.2    | .06059 | .000    | 1        |
| S3        | 1.2500       | 1.2566      | .007       | .531    | 1.5912 | .004    | 1        |
| S4        | 2.5000       | 2.4990      | -.001      | -.042   | 3.1626 | .010    | 1        |
| S5        | 5.0000       | 4.9393      | -.061      | -1.21   | 6.2492 | .019    | 1        |
| S2        | .40000       | .44865      | .049       | 12.2    | .56926 | .002    | 1        |

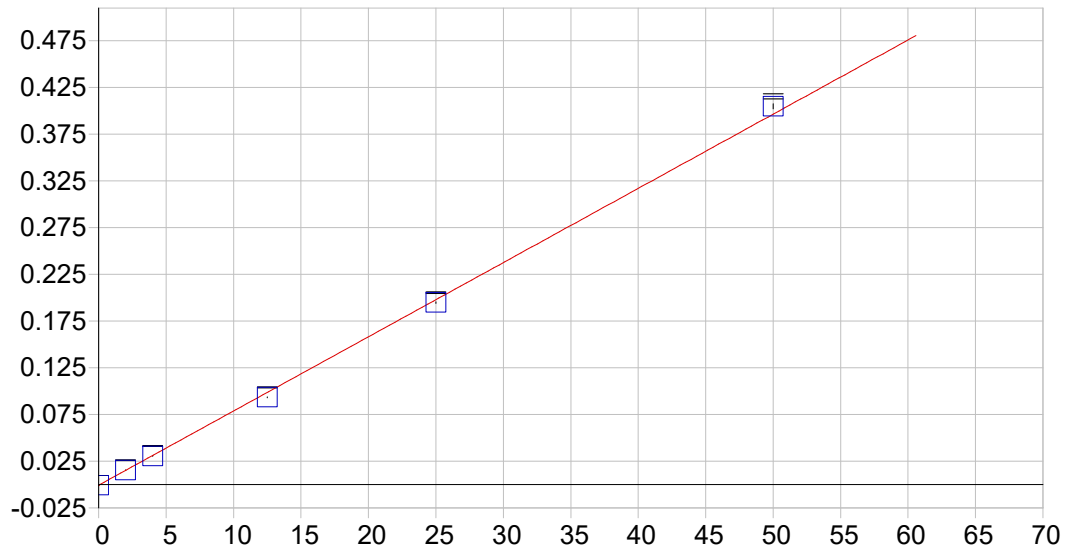


**Zn 213.856 {158}**

Date of Fit: 11/12/2022 3:42:21      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.003565 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.576820 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999866 | Status:   | OK.      |
| Std Error of Est: | 0.000995 |           |          |
| Predicted MDL:    | 0.000194 |           |          |
| Predicted MQL:    | 0.000646 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00355 | .001    | 1        |
| S1        | .04000       | .04383      | .004       | 9.57    | .11720 | .001    | 1        |
| S3        | 1.2500       | 1.2345      | -.015      | -1.24   | 3.2047 | .008    | 1        |
| S4        | 2.5000       | 2.4849      | -.015      | -.604   | 6.4467 | .018    | 1        |
| S5        | 5.0000       | 4.9996      | -.000      | -.008   | 12.967 | .002    | 1        |
| S2        | .40000       | .42711      | .027       | 6.78    | 1.1106 | .002    | 1        |

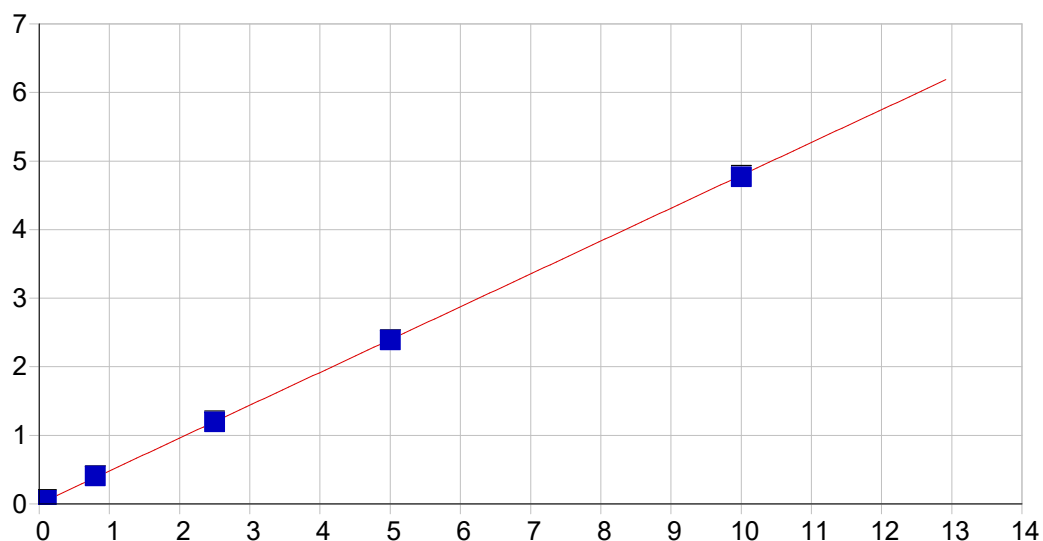


**K 766.490 { 44}**

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000691 Re-Slope: 1.000000  
 A1 (Gain): 0.007942 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999653 Status: OK.  
 Std Error of Est: 0.000111  
 Predicted MDL: 0.040357  
 Predicted MQL: 0.134523

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00009      | .000       | .000    | -.00069 | .000    | 1        |
| S2        | 4.0000       | 3.9374      | -.063      | -1.57   | .03058  | .000    | 1        |
| S3        | 12.500       | 11.843      | -.657      | -5.26   | .09337  | .000    | 1        |
| S4        | 25.000       | 24.615      | -.385      | -1.54   | .19480  | .001    | 1        |
| S5        | 50.000       | 51.066      | 1.07       | 2.13    | .40488  | .003    | 1        |
| S1        | 2.0000       | 2.0389      | .039       | 1.94    | .01550  | .000    | 1        |

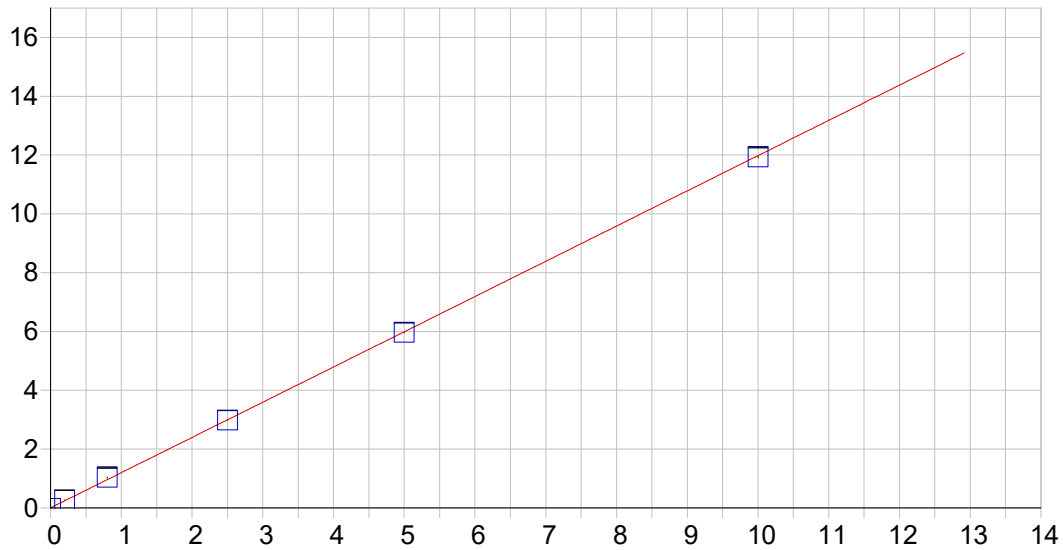


**B 249.678 {135}**

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001605 Re-Slope: 1.000000  
 A1 (Gain): 0.478930 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999853 Status: OK.  
 Std Error of Est: 0.000431  
 Predicted MDL: 0.000643  
 Predicted MQL: 0.002144

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00159 | .000    | 1        |
| S1        | .10000       | .11621      | .016       | 16.2    | .05709 | .001    | 1        |
| S3        | 2.5000       | 2.4949      | -.005      | -.203   | 1.1956 | .011    | 1        |
| S4        | 5.0000       | 4.9867      | -.013      | -.266   | 2.3881 | .007    | 1        |
| S5        | 10.000       | 9.9572      | -.043      | -.428   | 4.7667 | .024    | 1        |
| S2        | .80000       | .84509      | .045       | 5.64    | .40605 | .003    | 1        |

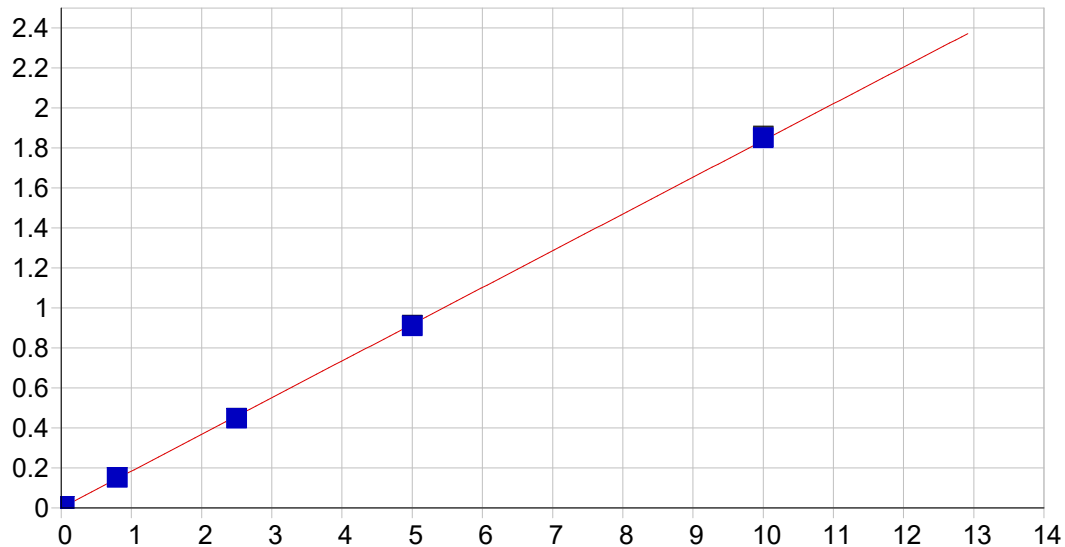


#### Mo 202.030 {467}

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000376 Re-Slope: 1.000000  
 A1 (Gain): 1.198155 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999790 Status: OK.  
 Std Error of Est: 0.001826  
 Predicted MDL: 0.000196  
 Predicted MQL: 0.000653

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | .00033 | .000    | 1        |
| S1        | .20000       | .22234      | .022       | 11.2    | .26677 | .000    | 1        |
| S3        | 2.5000       | 2.4840      | -.016      | -.638   | 2.9767 | .005    | 1        |
| S4        | 5.0000       | 4.9760      | -.024      | -.480   | 5.9624 | .012    | 1        |
| S5        | 10.000       | 9.9554      | -.045      | -.446   | 11.928 | .026    | 1        |
| S2        | .80000       | .86221      | .062       | 7.78    | 1.0334 | .019    | 1        |

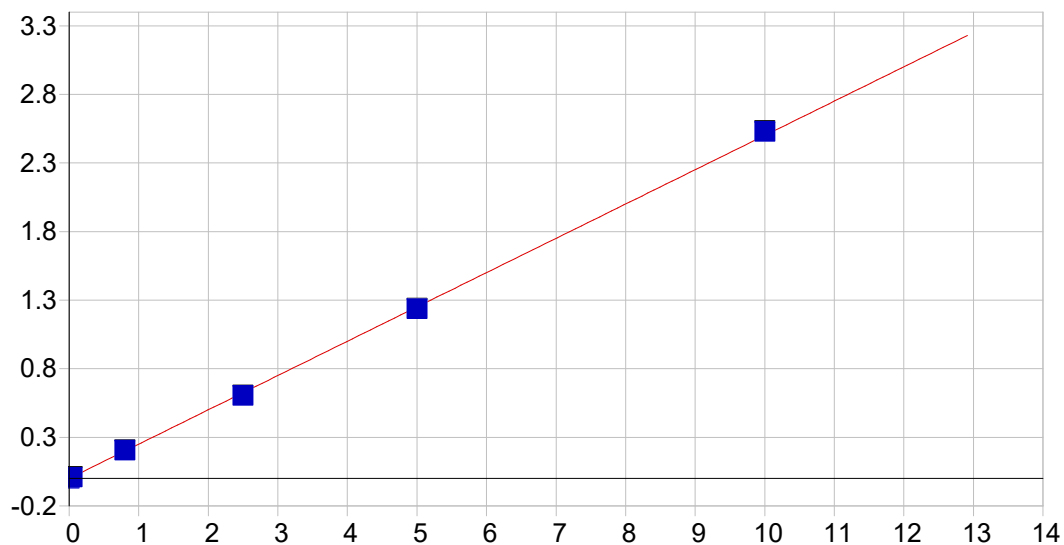


Sn 189.989 {478}

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000151 Re-Slope: 1.000000  
 A1 (Gain): 0.183717 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999896 Status: OK.  
 Std Error of Est: 0.000088  
 Predicted MDL: 0.000552  
 Predicted MQL: 0.001841

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00015 | .000    | 1        |
| S1        | .04000       | .04238      | .002       | 5.95    | .00792 | .000    | 1        |
| S3        | 2.5000       | 2.4352      | -.065      | -2.59   | .44629 | .001    | 1        |
| S4        | 5.0000       | 4.9544      | -.046      | -.913   | .90785 | .003    | 1        |
| S5        | 10.000       | 10.081      | .081       | .812    | 1.8472 | .007    | 1        |
| S2        | .80000       | .82681      | .027       | 3.35    | .15165 | .001    | 1        |

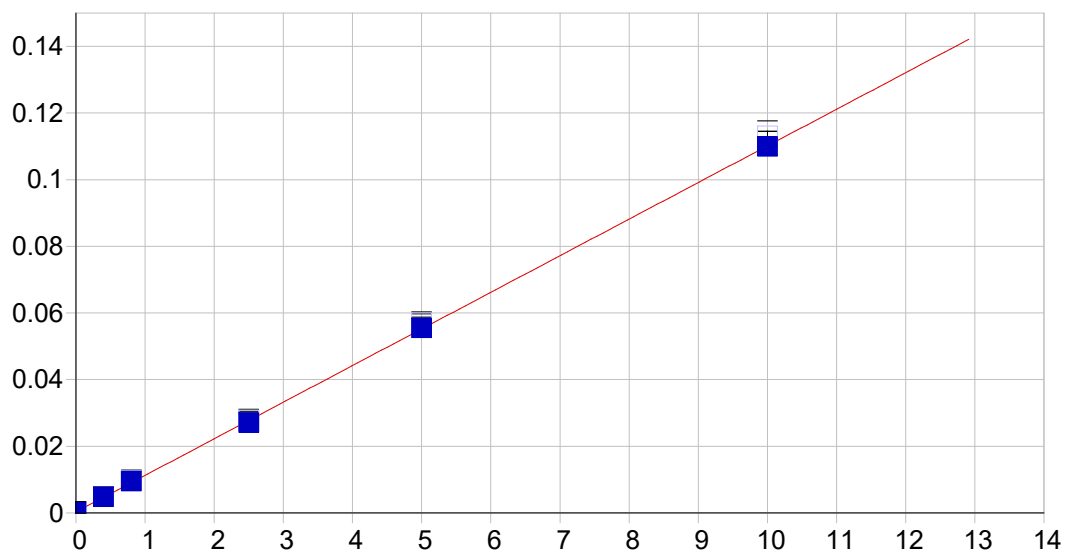


Ti 336.121 {100}

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000276 Re-Slope: 1.000000  
 A1 (Gain): 0.250088 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999849 Status: OK.  
 Std Error of Est: 0.000144  
 Predicted MDL: 0.001297  
 Predicted MQL: 0.004322

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00028 | .000    | 1        |
| S1        | .04000       | .04322      | .003       | 8.06    | .01107 | .000    | 1        |
| S3        | 2.5000       | 2.4152      | -.085      | -3.39   | .60414 | .004    | 1        |
| S4        | 5.0000       | 4.9463      | -.054      | -1.07   | 1.2370 | .004    | 1        |
| S5        | 10.000       | 10.116      | .116       | 1.16    | 2.5295 | .005    | 1        |
| S2        | .80000       | .81963      | .020       | 2.45    | .20521 | .003    | 1        |

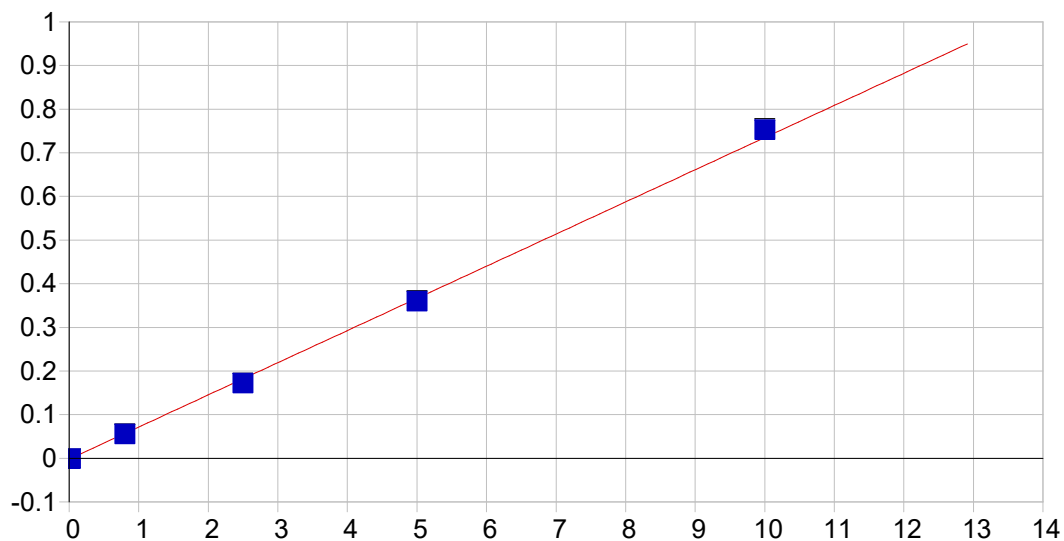


Si 288.158 {117}

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000275 Re-Slope: 1.000000  
 A1 (Gain): 0.010986 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999897 Status: OK.  
 Std Error of Est: 0.000017  
 Predicted MDL: 0.008903  
 Predicted MQL: 0.029675

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00027 | .000    | 1        |
| S1        | .40000       | .41331      | .013       | 3.33    | .00483 | .000    | 1        |
| S3        | 2.5000       | 2.4365      | -.064      | -2.54   | .02783 | .000    | 1        |
| S4        | 5.0000       | 5.0246      | .025       | .491    | .05704 | .000    | 1        |
| S5        | 10.000       | 9.9871      | -.013      | -.129   | .11313 | .002    | 1        |
| S2        | .80000       | .83888      | .039       | 4.86    | .00974 | .000    | 1        |

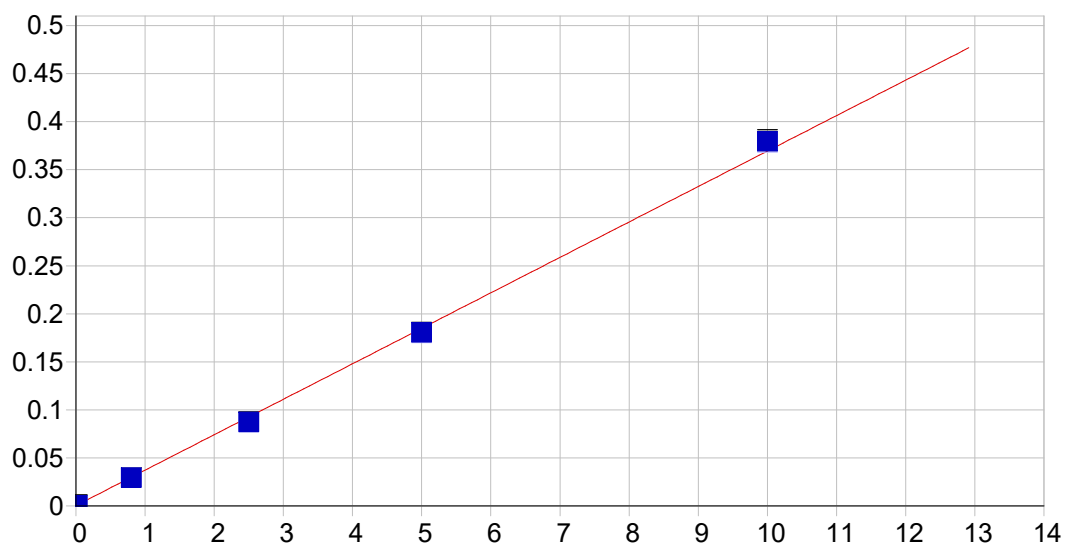


P 177.495 {490}

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002062 Re-Slope: 1.000000  
 A1 (Gain): 0.073695 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999562 Status: OK.  
 Std Error of Est: 0.000051  
 Predicted MDL: 0.001270  
 Predicted MQL: 0.004234

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00206 | .000    | 1        |
| S1        | .02000       | .01888      | -.001      | -5.58   | -.00067 | .000    | 1        |
| S3        | 2.5000       | 2.3591      | -.141      | -5.64   | .17182  | .000    | 1        |
| S4        | 5.0000       | 4.9118      | -.088      | -1.76   | .35997  | .001    | 1        |
| S5        | 10.000       | 10.247      | .247       | 2.47    | .75323  | .002    | 1        |
| S2        | .80000       | .78272      | -.017      | -2.16   | .05563  | .000    | 1        |

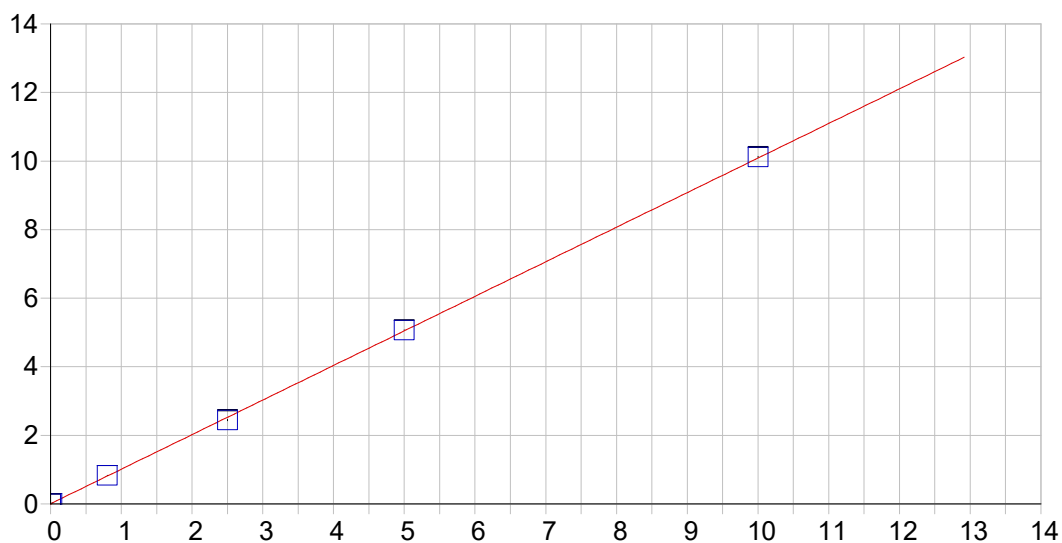


**S 182.034 {485}**

Date of Fit: 11/12/2022 3:42:21      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000329 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.036906 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999467 | Status:   | OK.      |
| Std Error of Est: | 0.000028 |           |          |
| Predicted MDL:    | 0.002490 |           |          |
| Predicted MQL:    | 0.008301 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00033 | .000    | 1        |
| S1        | .02000       | .02238      | .002       | 11.9    | .00111 | .000    | 1        |
| S3        | 2.5000       | 2.3527      | -.147      | -5.89   | .08678 | .000    | 1        |
| S4        | 5.0000       | 4.8835      | -.116      | -2.33   | .17981 | .000    | 1        |
| S5        | 10.000       | 10.274      | .274       | 2.74    | .37800 | .002    | 1        |
| S2        | .80000       | .78766      | -.012      | -1.54   | .02928 | .000    | 1        |

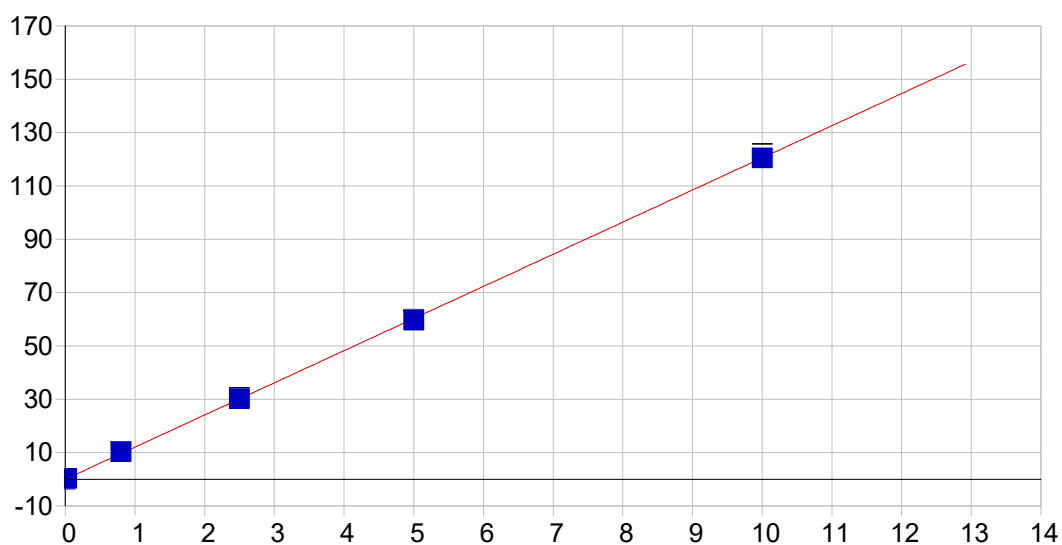


Li 670.784 { 50}

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004352 Re-Slope: 1.000000  
 A1 (Gain): 1.008291 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999912 Status: OK.  
 Std Error of Est: 0.000313  
 Predicted MDL: 0.001128  
 Predicted MQL: 0.003759

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00435 | .001    | 1        |
| S5        | 10.000       | 10.030      | .030       | .304    | 10.118 | .014    | 1        |
| S4        | 5.0000       | 5.0240      | .024       | .480    | 5.0700 | .005    | 1        |
| S3        | 2.5000       | 2.4239      | -.076      | -3.04   | 2.4483 | .017    | 1        |
| S1        | .02000       | .02200      | .002       | 10.0    | .02654 | .001    | 1        |
| S2        | .80000       | .81975      | .020       | 2.47    | .83090 | .004    | 1        |



**Sr 407.771 { 83}**

Date of Fit: 11/12/2022 3:42:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000386 Re-Slope: 1.000000  
 A1 (Gain): 12.052337 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999870 Status: OK.  
 Std Error of Est: 0.004552  
 Predicted MDL: 0.000064  
 Predicted MQL: 0.000213

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00043 | .000    | 1        |
| S1        | .02000       | .02254      | .003       | 12.7    | .27255  | .001    | 1        |
| S3        | 2.5000       | 2.5024      | .002       | .097    | 30.192  | .374    | 1        |
| S4        | 5.0000       | 4.9469      | -.053      | -1.06   | 59.685  | .326    | 1        |
| S5        | 10.000       | 9.9926      | -.007      | -.074   | 120.56  | 1.54    | 1        |
| S2        | .80000       | .85560      | .056       | 6.95    | 10.322  | .050    | 1        |



Y 224.306 {450}\*

Date of Fit: 11/12/2022 3:42:21 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 |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



Y 360.073 { 94}\*

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





**Y 224.306 {150}\***

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

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



In 230.606 {446}<sup>\*</sup>

|              |           |              |           |            |        |
|--------------|-----------|--------------|-----------|------------|--------|
| Date of Fit: | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc |
| A0 (Offset): | 0.000000  |              | Re-Slope: | 1.000000   |        |
| A1 (Gain):   | 0.000000  |              | Y-int:    | 0.000000   |        |

|                   |              |             |            |         |         |           |          |
|-------------------|--------------|-------------|------------|---------|---------|-----------|----------|
| A2 (Curvature):   |              | 0.000000    |            | Status: | Warning | Zero Gain |          |
| n (Exponent):     |              | 1.000000    |            |         |         |           |          |
| Correlation:      |              | 0.000000    |            |         |         |           |          |
| 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 |