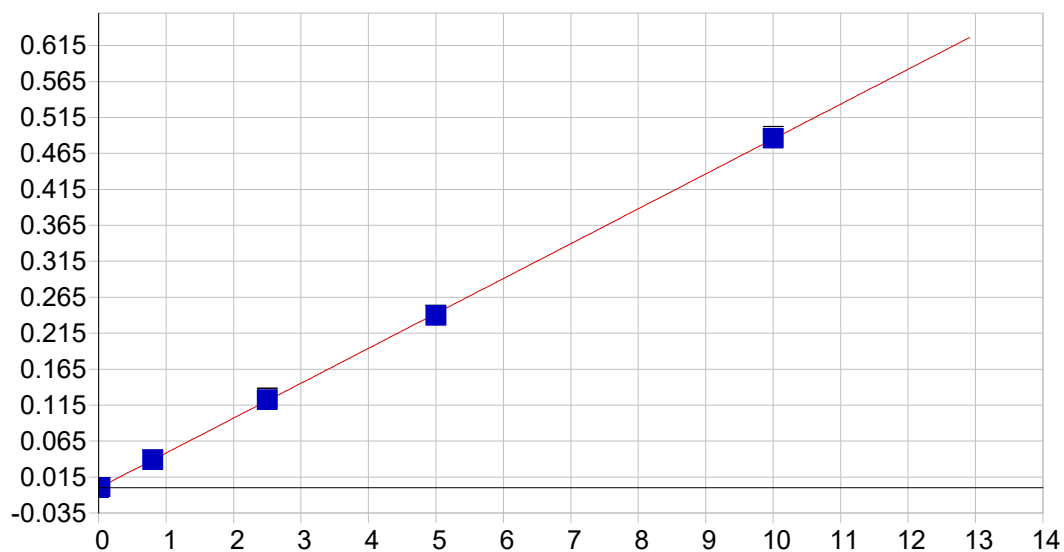


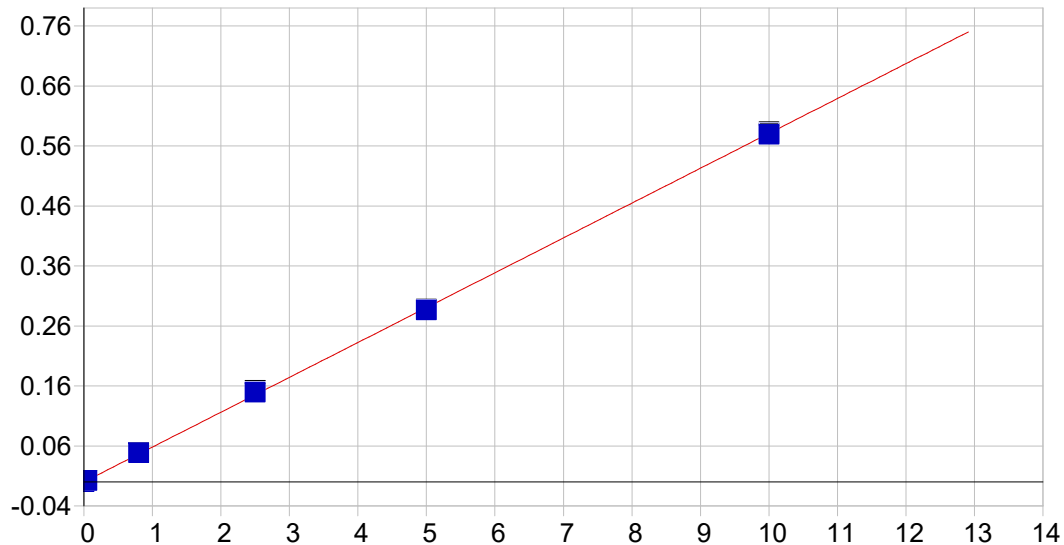


**As 189.042 {479}**

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000137 Re-Slope: 1.000000  
 A1 (Gain): 0.048508 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999959 Status: OK.  
 Std Error of Est: 0.000010  
 Predicted MDL: 0.004074  
 Predicted MQL: 0.013579

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00014 | .000    | 1        |
| S1        | .02000       | .02238      | .002       | 11.9    | .00095  | .000    | 1        |
| S3        | 2.5000       | 2.5309      | .031       | 1.24    | .12263  | .002    | 1        |
| S4        | 5.0000       | 4.9390      | -.061      | -1.22   | .23944  | .001    | 1        |
| S5        | 10.000       | 10.022      | .022       | .215    | .48599  | .003    | 1        |
| S2        | .80000       | .80620      | .006       | .775    | .03897  | .000    | 1        |

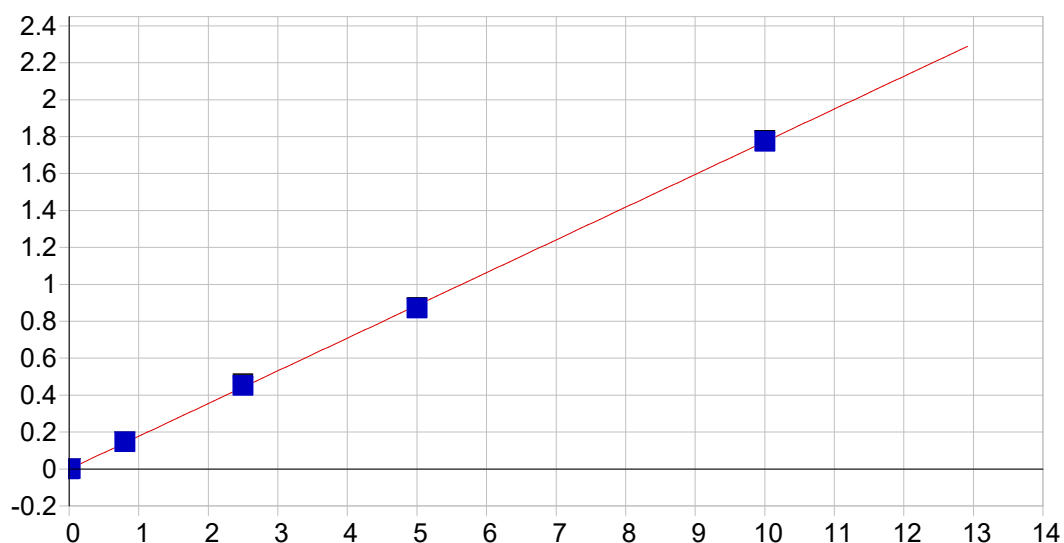


TI 190.856 {477}

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000041 Re-Slope: 1.000000  
 A1 (Gain): 0.058101 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999866 Status: OK.  
 Std Error of Est: 0.000032  
 Predicted MDL: 0.002553  
 Predicted MQL: 0.008509

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00004 | .000    | 1        |
| S1        | .04000       | .03767      | -.002      | -5.82   | .00214  | .000    | 1        |
| S3        | 2.5000       | 2.5735      | .073       | 2.94    | .15024  | .002    | 1        |
| S4        | 5.0000       | 4.9275      | -.073      | -1.45   | .28777  | .000    | 1        |
| S5        | 10.000       | 9.9668      | -.033      | -.332   | .58208  | .001    | 1        |
| S2        | .80000       | .83457      | .035       | 4.32    | .04869  | .001    | 1        |

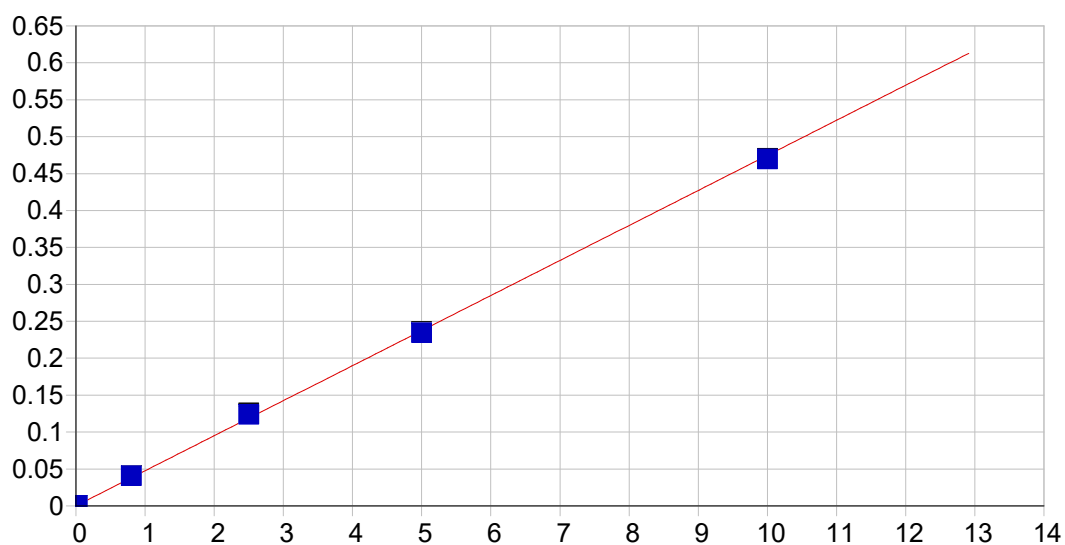


### Pb 220.353 {453}

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000165 Re-Slope: 1.000000  
 A1 (Gain): 0.177242 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999906 Status: OK.  
 Std Error of Est: 0.000044  
 Predicted MDL: 0.001888  
 Predicted MQL: 0.006294

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00016 | .000    | 1        |
| S1        | .01200       | .01151      | -.000      | -4.09   | .00183  | .000    | 1        |
| S3        | 2.5000       | 2.5486      | .049       | 1.94    | .45115  | .009    | 1        |
| S4        | 5.0000       | 4.9122      | -.088      | -1.76   | .86970  | .002    | 1        |
| S5        | 10.000       | 10.012      | .012       | .124    | 1.7729  | .005    | 1        |
| S2        | .80000       | .82729      | .027       | 3.41    | .14634  | .001    | 1        |

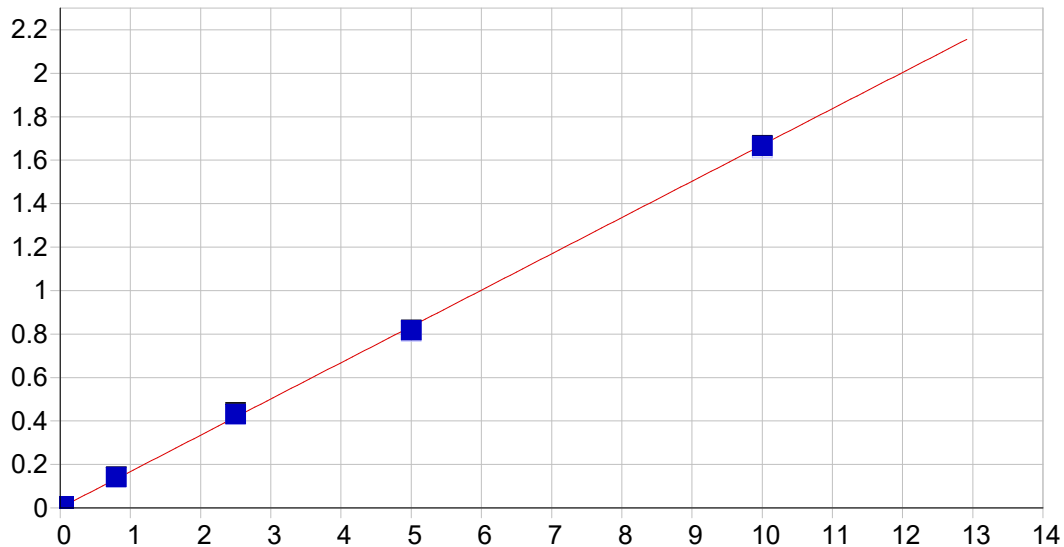


Se 196.090 {472}

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000148 Re-Slope: 1.000000  
 A1 (Gain): 0.047454 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999680 Status: OK.  
 Std Error of Est: 0.000028  
 Predicted MDL: 0.004327  
 Predicted MQL: 0.014422

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00015 | .000    | 1        |
| S1        | .02000       | .02450      | .005       | 22.5    | .00131 | .000    | 1        |
| S3        | 2.5000       | 2.6049      | .105       | 4.20    | .12370 | .002    | 1        |
| S4        | 5.0000       | 4.9370      | -.063      | -1.26   | .23431 | .001    | 1        |
| S5        | 10.000       | 9.8943      | -.106      | -1.06   | .46944 | .001    | 1        |
| S2        | .80000       | .85931      | .059       | 7.41    | .04091 | .000    | 1        |

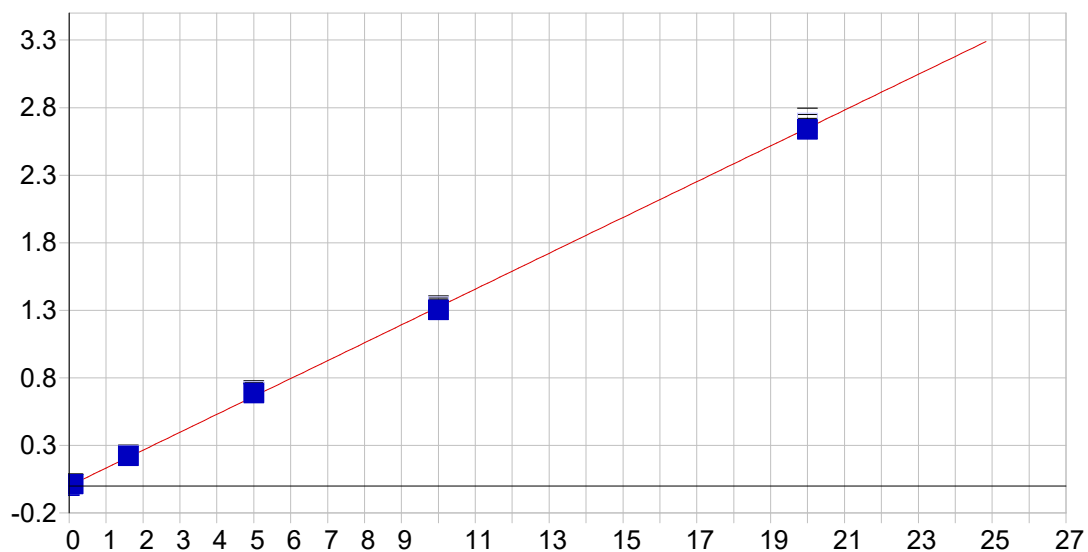


**Sb 206.833 {463}**

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000322 Re-Slope: 1.000000  
 A1 (Gain): 0.166950 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999779 Status: OK.  
 Std Error of Est: 0.000129  
 Predicted MDL: 0.001735  
 Predicted MQL: 0.005782

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00032 | .000    | 1        |
| S1        | .05000       | .04997      | -.000      | -.057   | .00862 | .000    | 1        |
| S3        | 2.5000       | 2.5850      | .085       | 3.40    | .42913 | .006    | 1        |
| S4        | 5.0000       | 4.8937      | -.106      | -2.13   | .81180 | .001    | 1        |
| S5        | 10.000       | 9.9741      | -.026      | -.259   | 1.6544 | .003    | 1        |
| S2        | .80000       | .84715      | .047       | 5.89    | .14087 | .001    | 1        |

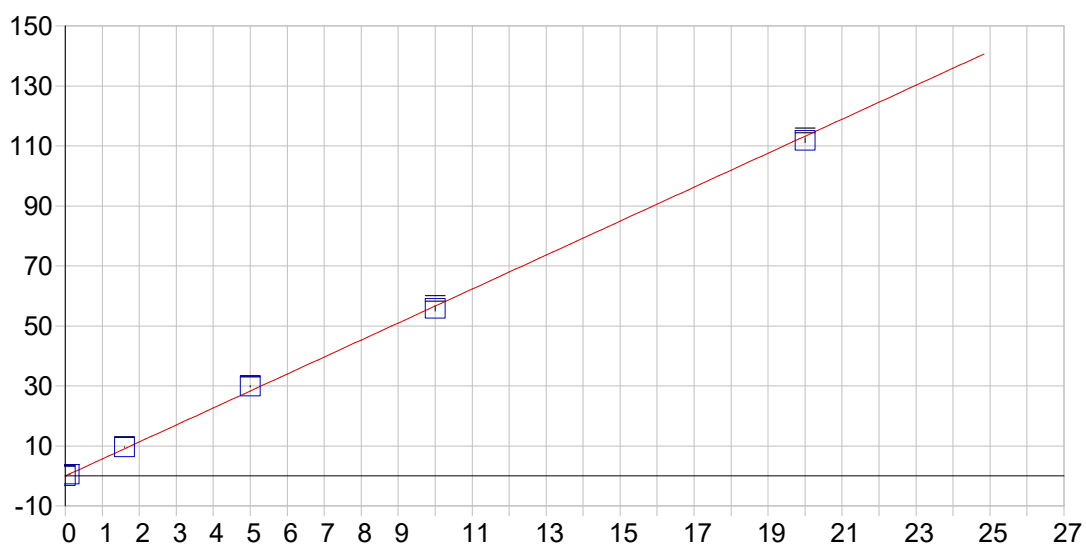


AI 396.152 { 85}

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000312 Re-Slope: 1.000000  
 A1 (Gain): 0.132469 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999814 Status: OK.  
 Std Error of Est: 0.000193  
 Predicted MDL: 0.005193  
 Predicted MQL: 0.017308

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00031 | .001    | 1        |
| S1        | .10000       | .10204      | .002       | 2.04    | .01424  | .001    | 1        |
| S3        | 5.0000       | 5.1814      | .181       | 3.63    | .69795  | .007    | 1        |
| S4        | 10.000       | 9.8283      | -.172      | -1.72   | 1.3254  | .006    | 1        |
| S5        | 20.000       | 19.907      | -.093      | -.466   | 2.6843  | .038    | 1        |
| S2        | 1.6000       | 1.6814      | .081       | 5.09    | .22623  | .003    | 1        |

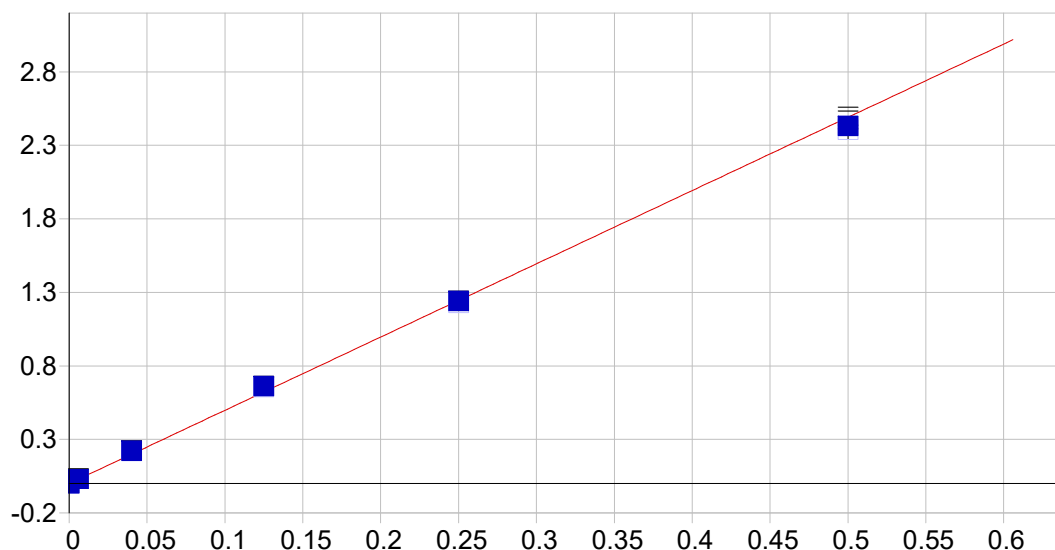


**Ba 493.409 { 68}**

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.008727 Re-Slope: 1.000000  
 A1 (Gain): 5.662628 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999641 Status: OK.  
 Std Error of Est: 0.011257  
 Predicted MDL: 0.000232  
 Predicted MQL: 0.000772

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00880 | .001    | 1        |
| S1        | .10000       | .10382      | .004       | 3.82    | .57919  | .007    | 1        |
| S3        | 5.0000       | 5.2829      | .283       | 5.66    | 29.907  | .251    | 1        |
| S4        | 10.000       | 9.8663      | -.134      | -1.34   | 55.861  | .925    | 1        |
| S5        | 20.000       | 19.754      | -.246      | -1.23   | 111.85  | .827    | 1        |
| S2        | 1.6000       | 1.6930      | .093       | 5.81    | 9.5779  | .103    | 1        |

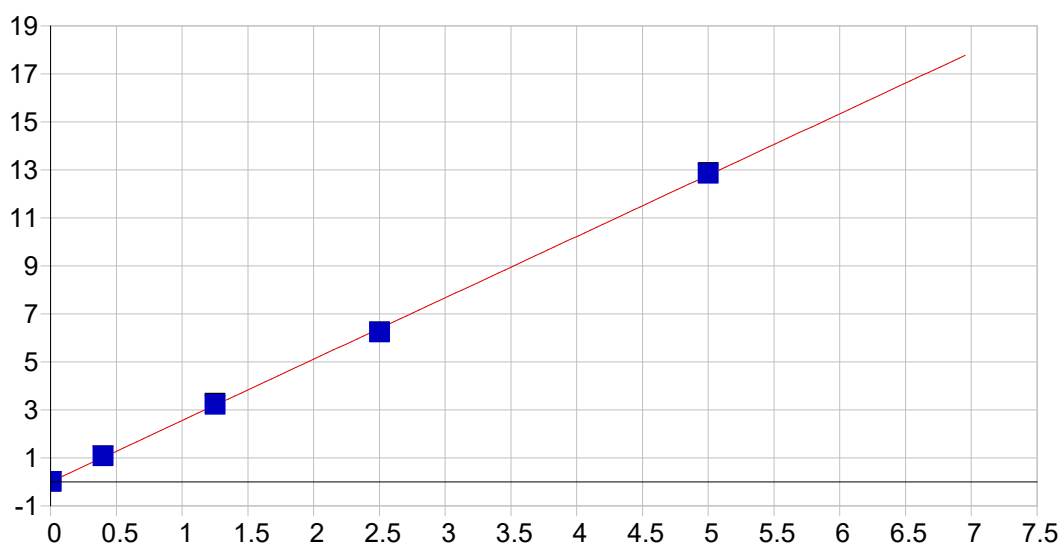


### Be 234.861 {144}

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000231 Re-Slope: 1.000000  
 A1 (Gain): 4.982100 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999248 Status: OK.  
 Std Error of Est: 0.000550  
 Predicted MDL: 0.000069  
 Predicted MQL: 0.000229

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00024 | .000    | 1        |
| S1        | .00600       | .00635      | .000       | 5.85    | .03092  | .000    | 1        |
| S3        | .12500       | .13272      | .008       | 6.18    | .65457  | .001    | 1        |
| S4        | .25000       | .24895      | -.001      | -.422   | 1.2272  | .001    | 1        |
| S5        | .50000       | .48818      | -.012      | -2.36   | 2.4062  | .061    | 1        |
| S2        | .04000       | .04480      | .005       | 12.0    | .22091  | .002    | 1        |

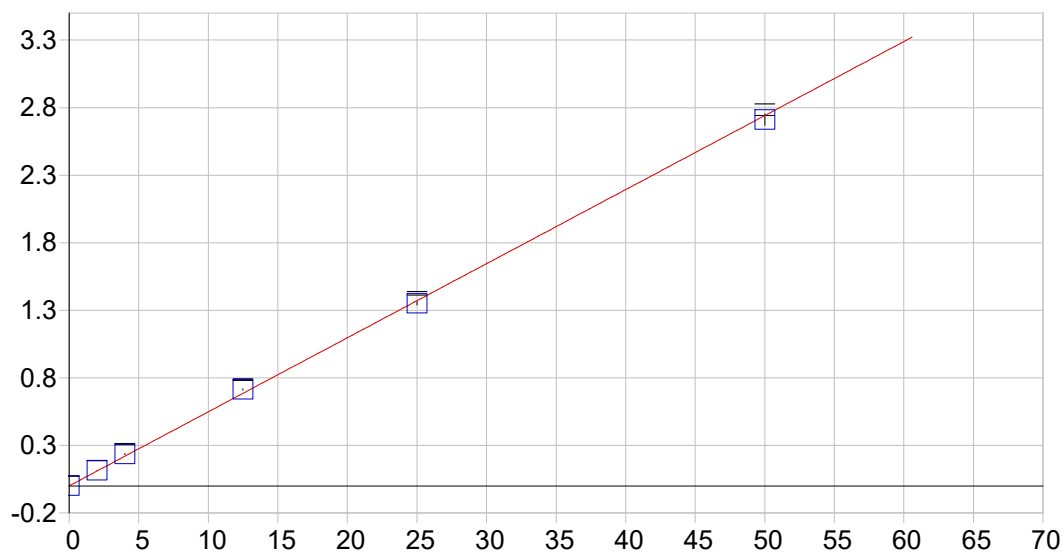


### Cd 226.502 {449}

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000324 Re-Slope: 1.000000  
 A1 (Gain): 2.556417 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999826 Status: OK.  
 Std Error of Est: 0.000433  
 Predicted MDL: 0.000115  
 Predicted MQL: 0.000383

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00033 | .000    | 1        |
| S1        | .00600       | .00638      | .000       | 6.35    | .01603  | .000    | 1        |
| S3        | 1.2500       | 1.2605      | .010       | .839    | 3.2229  | .051    | 1        |
| S4        | 2.5000       | 2.4388      | -.061      | -2.45   | 6.2360  | .011    | 1        |
| S5        | 5.0000       | 5.0263      | .026       | .526    | 12.853  | .030    | 1        |
| S2        | .40000       | .42404      | .024       | 6.01    | 1.0840  | .001    | 1        |

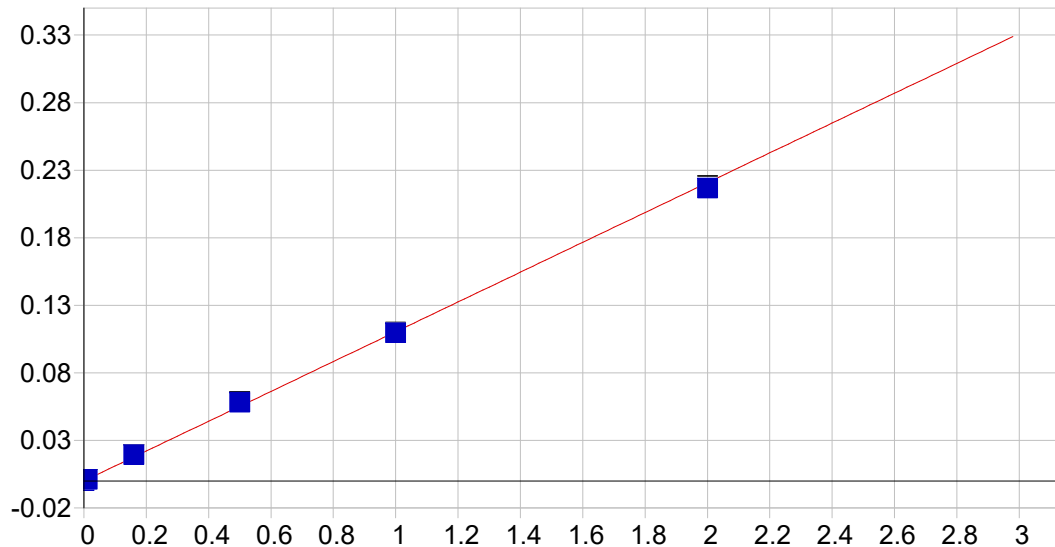


Ca 373.690 { 90}

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000444 Re-Slope: 1.000000  
 A1 (Gain): 0.054812 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999691 Status: OK.  
 Std Error of Est: 0.000721  
 Predicted MDL: 0.009678  
 Predicted MQL: 0.032261

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00026     | -.000      | .000    | .00043 | .000    | 1        |
| S2        | 4.0000       | 4.3111      | .311       | 7.78    | .23675 | .005    | 1        |
| S3        | 12.500       | 13.003      | .503       | 4.02    | .71316 | .006    | 1        |
| S4        | 25.000       | 24.668      | -.332      | -1.33   | 1.3525 | .012    | 1        |
| S5        | 50.000       | 49.445      | -.555      | -1.11   | 2.7106 | .042    | 1        |
| S1        | 2.0000       | 2.0733      | .073       | 3.67    | .11409 | .001    | 1        |

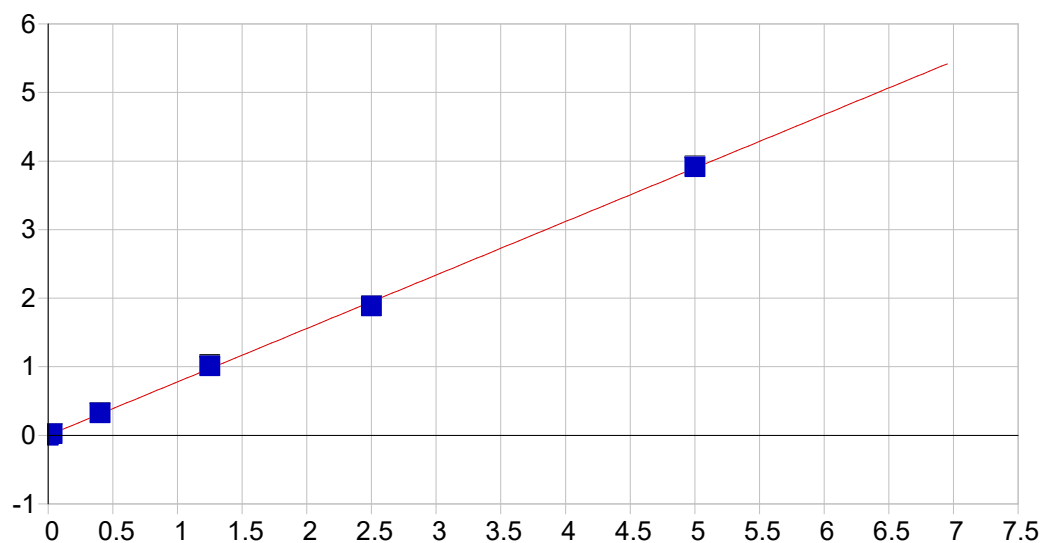


**Cr 267.716 {126}**

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000000 Re-Slope: 1.000000  
A1 (Gain): 0.110370 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999492 Status: OK.  
Std Error of Est: 0.000026  
Predicted MDL: 0.000393  
Predicted MQL: 0.001309

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00000 | .000    | 1        |
| S1        | .01000       | .01065      | .001       | 6.45    | .00118  | .000    | 1        |
| S3        | .50000       | .52680      | .027       | 5.36    | .05817  | .000    | 1        |
| S4        | 1.0000       | .99305      | -.007      | -.695   | .10966  | .000    | 1        |
| S5        | 2.0000       | 1.9637      | -.036      | -1.81   | .21686  | .002    | 1        |
| S2        | .16000       | .17575      | .016       | 9.84    | .01941  | .000    | 1        |

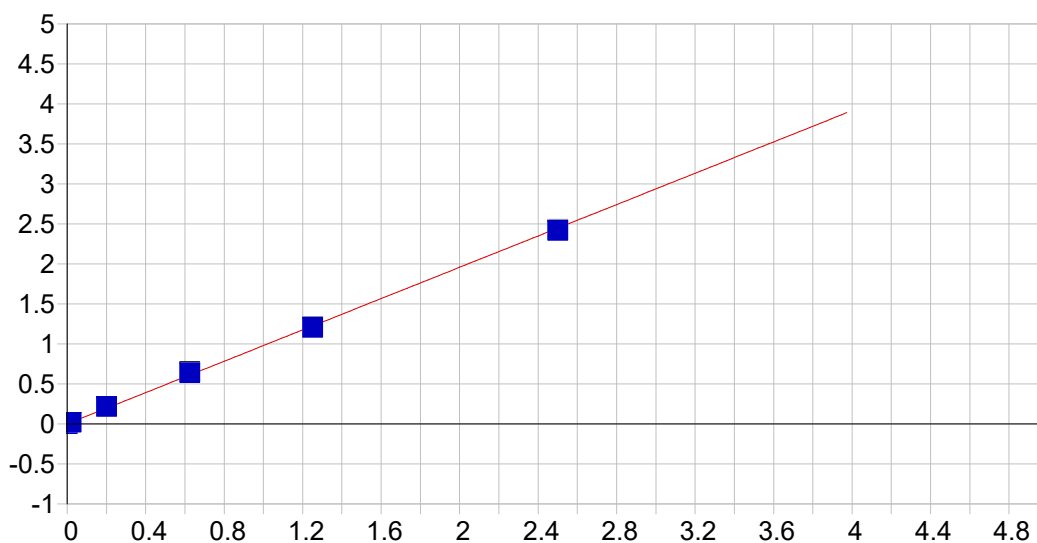


**Co 228.616 {448}**

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000012 Re-Slope: 1.000000  
 A1 (Gain): 0.779332 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999709 Status: OK.  
 Std Error of Est: 0.000383  
 Predicted MDL: 0.000287  
 Predicted MQL: 0.000957

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00001 | .000    | 1        |
| S1        | .03000       | .03008      | .000       | .268    | .02339 | .000    | 1        |
| S3        | 1.2500       | 1.2960      | .046       | 3.68    | 1.0119 | .017    | 1        |
| S4        | 2.5000       | 2.4160      | -.084      | -3.36   | 1.8866 | .004    | 1        |
| S5        | 5.0000       | 5.0204      | .020       | .408    | 3.9201 | .010    | 1        |
| S2        | .40000       | .41759      | .018       | 4.40    | .32605 | .000    | 1        |

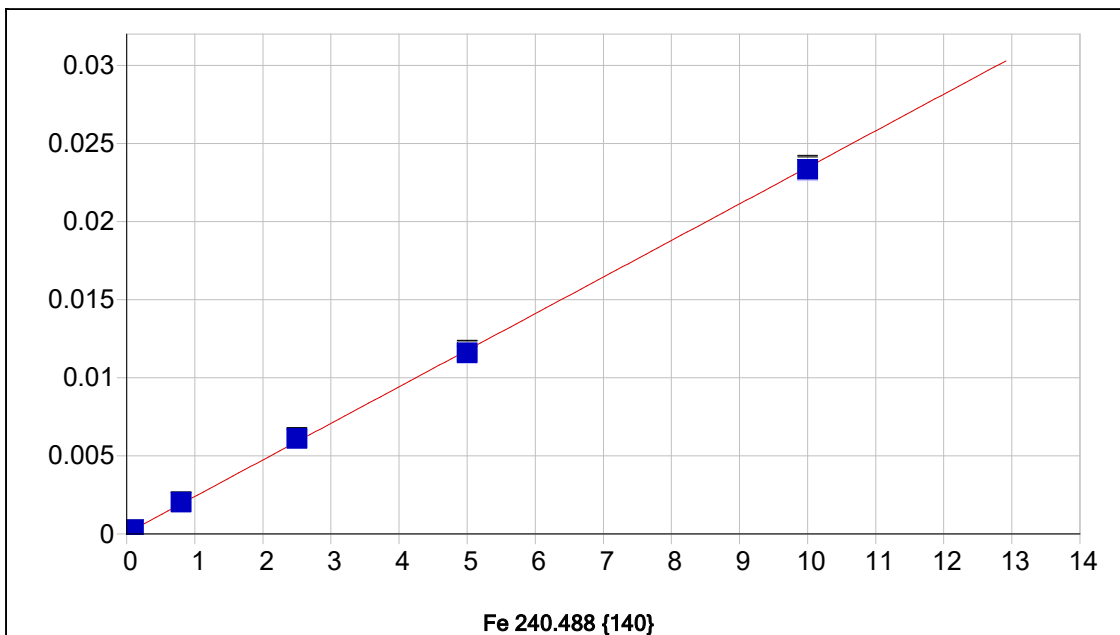


**Cu 224.700 {450}**

Date of Fit: 4/29/2022 4:35:17      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000049 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.979128  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999553  | Status:   | OK.      |
| Std Error of Est: | 0.000345  |           |          |
| Predicted MDL:    | 0.000416  |           |          |
| Predicted MQL:    | 0.001386  |           |          |

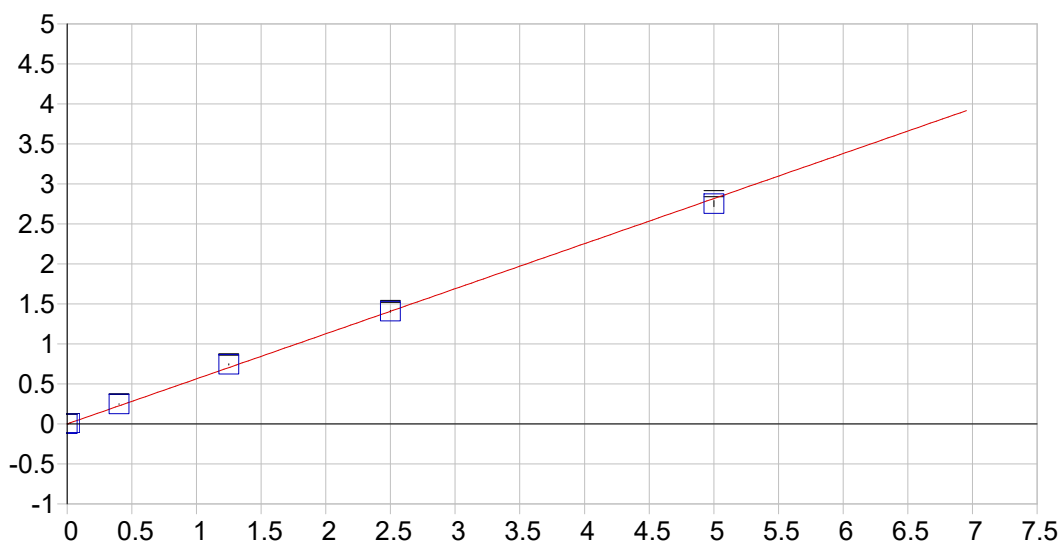
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00005 | .000    | 1        |
| S1        | .02000       | .02123      | .001       | 6.15    | .02087  | .000    | 1        |
| S3        | .62500       | .65354      | .029       | 4.57    | .64229  | .010    | 1        |
| S4        | 1.2500       | 1.2316      | -.018      | -1.47   | 1.2107  | .001    | 1        |
| S5        | 2.5000       | 2.4682      | -.032      | -1.27   | 2.4263  | .004    | 1        |
| S2        | .20000       | .22045      | .020       | 10.2    | .21658  | .000    | 1        |



Date of Fit: 4/29/2022 4:35:17      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000053 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.002341 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999790 | Status:   | OK.      |
| Std Error of Est: | 0.000003 |           |          |
| Predicted MDL:    | 0.007624 |           |          |
| Predicted MQL:    | 0.025415 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00005 | .000    | 1        |
| S1        | .10000       | .09152      | -.008      | -8.48   | .00026 | .000    | 1        |
| S3        | 2.5000       | 2.5884      | .088       | 3.54    | .00609 | .000    | 1        |
| S4        | 5.0000       | 4.9300      | -.070      | -1.40   | .01154 | .000    | 1        |
| S5        | 10.000       | 9.9449      | -.055      | -.551   | .02323 | .000    | 1        |
| S2        | .80000       | .84510      | .045       | 5.64    | .00202 | .000    | 1        |

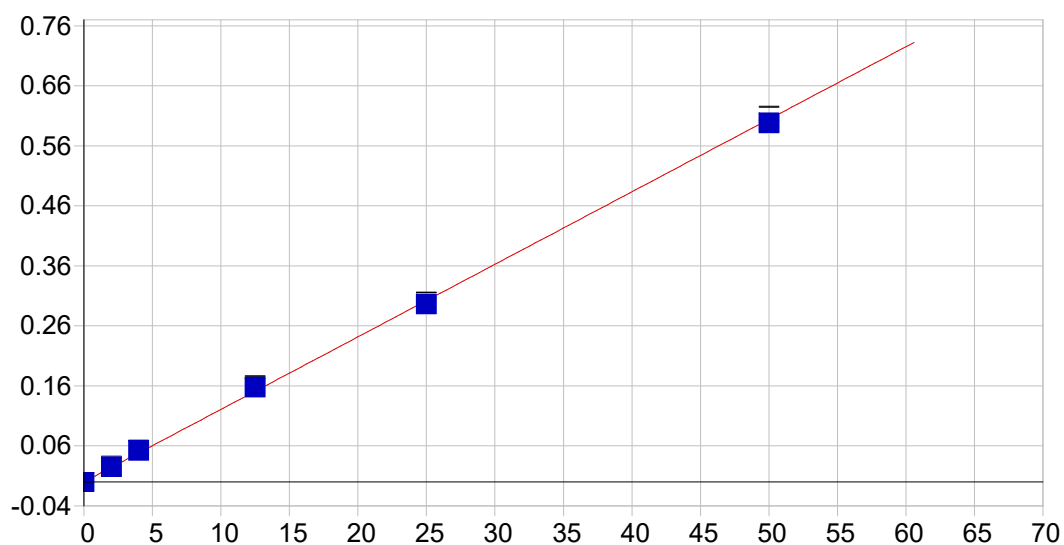


**Mn 257.610 {131}**

Date of Fit: 4/29/2022 4:35:17      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000062 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.563205 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999428 | Status:   | OK.      |
| Std Error of Est: | 0.000316 |           |          |
| Predicted MDL:    | 0.000382 |           |          |
| Predicted MQL:    | 0.001273 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00006 | .000    | 1        |
| S1        | .02000       | .02193      | .002       | 9.66    | .01241 | .000    | 1        |
| S3        | 1.2500       | 1.3219      | .072       | 5.75    | .74457 | .008    | 1        |
| S4        | 2.5000       | 2.4997      | -.000      | -.013   | 1.4079 | .011    | 1        |
| S5        | 5.0000       | 4.8881      | -.112      | -2.24   | 2.7531 | .038    | 1        |
| S2        | .40000       | .43836      | .038       | 9.59    | .24695 | .003    | 1        |

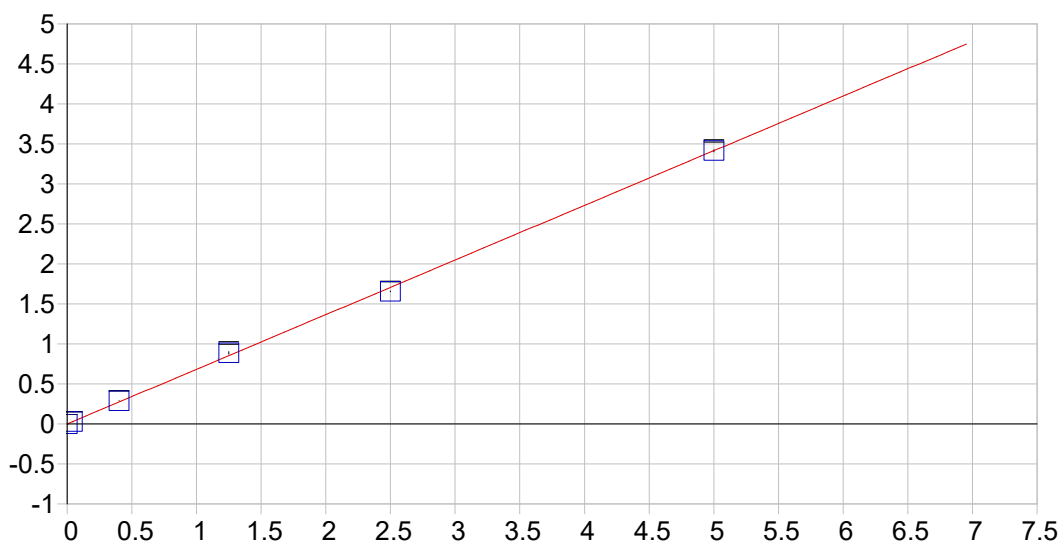


**Mg 279.079 {121}**

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000079 Re-Slope: 1.000000  
 A1 (Gain): 0.012088 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999600 Status: OK.  
 Std Error of Est: 0.000181  
 Predicted MDL: 0.020379  
 Predicted MQL: 0.067930

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00030     | -.000      | .000    | -.00008 | .000    | 1        |
| S2        | 4.0000       | 4.3427      | .343       | 8.57    | .05229  | .001    | 1        |
| S3        | 12.500       | 13.064      | .564       | 4.52    | .15746  | .002    | 1        |
| S4        | 25.000       | 24.513      | -.487      | -1.95   | .29547  | .004    | 1        |
| S5        | 50.000       | 49.483      | -.517      | -1.03   | .59655  | .012    | 1        |
| S1        | 2.0000       | 2.0974      | .097       | 4.87    | .02524  | .001    | 1        |

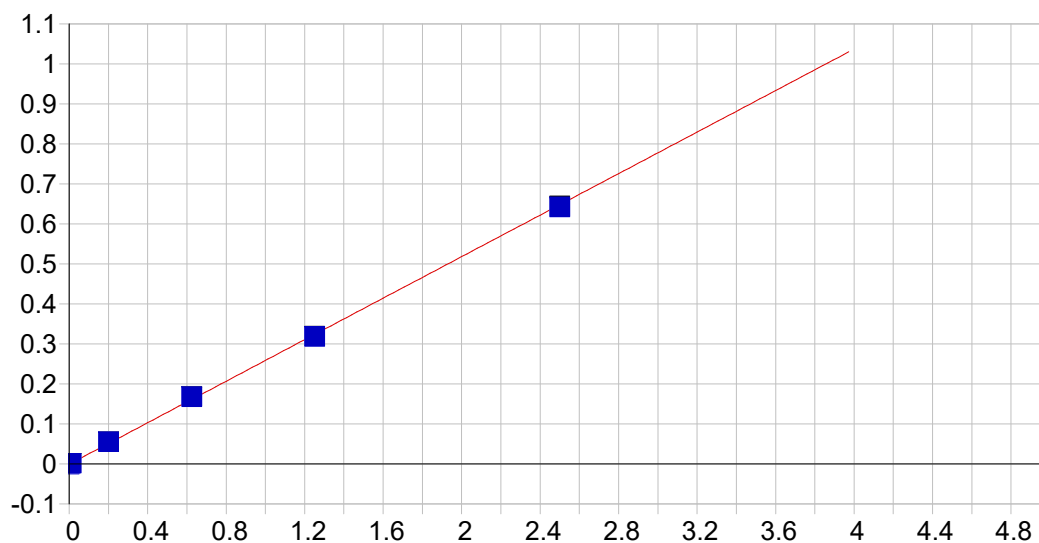


### Ni 231.604 {446}

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000363 Re-Slope: 1.000000  
 A1 (Gain): 0.683033 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999681 Status: OK.  
 Std Error of Est: 0.000405  
 Predicted MDL: 0.000442  
 Predicted MQL: 0.001473

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00037 | .000    | 1        |
| S1        | .04000       | .04041      | .000       | 1.02    | .02724  | .000    | 1        |
| S3        | 1.2500       | 1.3003      | .050       | 4.03    | .88781  | .015    | 1        |
| S4        | 2.5000       | 2.4246      | -.075      | -3.02   | 1.6557  | .004    | 1        |
| S5        | 5.0000       | 4.9997      | -.000      | -.005   | 3.4146  | .015    | 1        |
| S2        | .40000       | .42492      | .025       | 6.23    | .28987  | .000    | 1        |

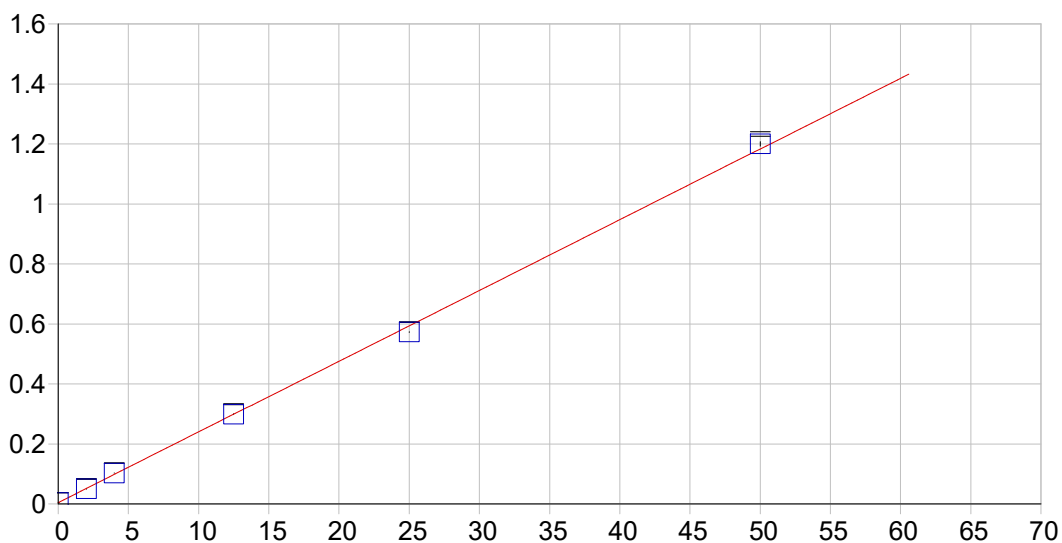


### Ag 328.068 {103}

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000846 Re-Slope: 1.000000  
 A1 (Gain): 0.259496 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999678 Status: OK.  
 Std Error of Est: 0.000054  
 Predicted MDL: 0.000308  
 Predicted MQL: 0.001028

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00085 | .000    | 1        |
| S1        | .01000       | .01082      | .001       | 8.20    | .00195  | .000    | 1        |
| S3        | .62500       | .64945      | .024       | 3.91    | .16731  | .001    | 1        |
| S4        | 1.2500       | 1.2305      | -.020      | -1.56   | .31771  | .001    | 1        |
| S5        | 2.5000       | 2.4775      | -.023      | -.901   | .64054  | .003    | 1        |
| S2        | .20000       | .21677      | .017       | 8.38    | .05528  | .000    | 1        |

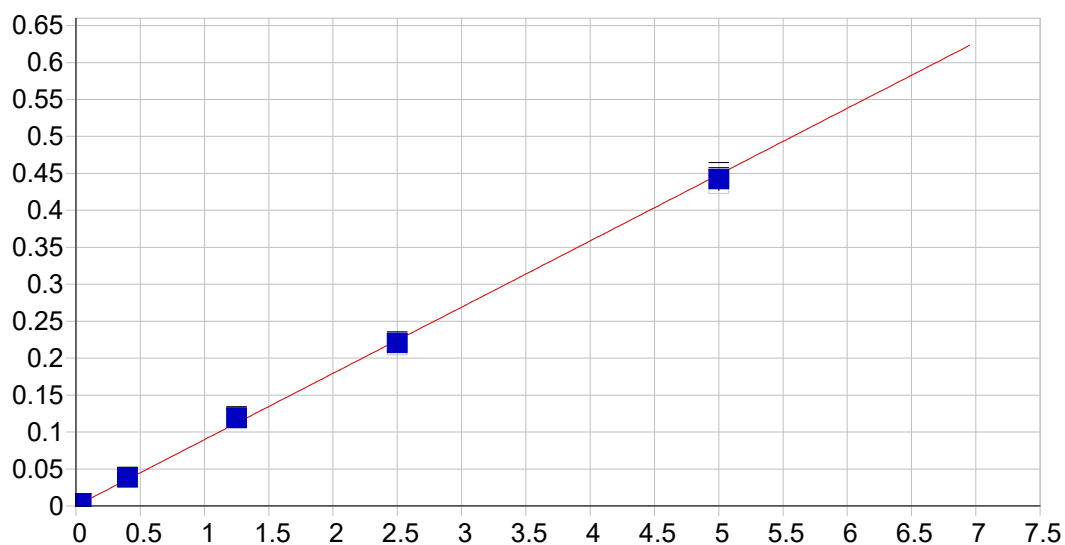


### Na 589.592 { 57}

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004134 Re-Slope: 1.000000  
 A1 (Gain): 0.023577 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999738 Status: OK.  
 Std Error of Est: 0.000286  
 Predicted MDL: 0.006105  
 Predicted MQL: 0.020350

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00413 | .000    | 1        |
| S2        | 4.0000       | 4.1770      | .177       | 4.43    | .10262 | .001    | 1        |
| S3        | 12.500       | 12.505      | .005       | .037    | .29896 | .001    | 1        |
| S4        | 25.000       | 24.131      | -.869      | -3.48   | .57307 | .001    | 1        |
| S5        | 50.000       | 50.720      | .720       | 1.44    | 1.2000 | .007    | 1        |
| S1        | 2.0000       | 1.9669      | -.033      | -1.65   | .05051 | .001    | 1        |

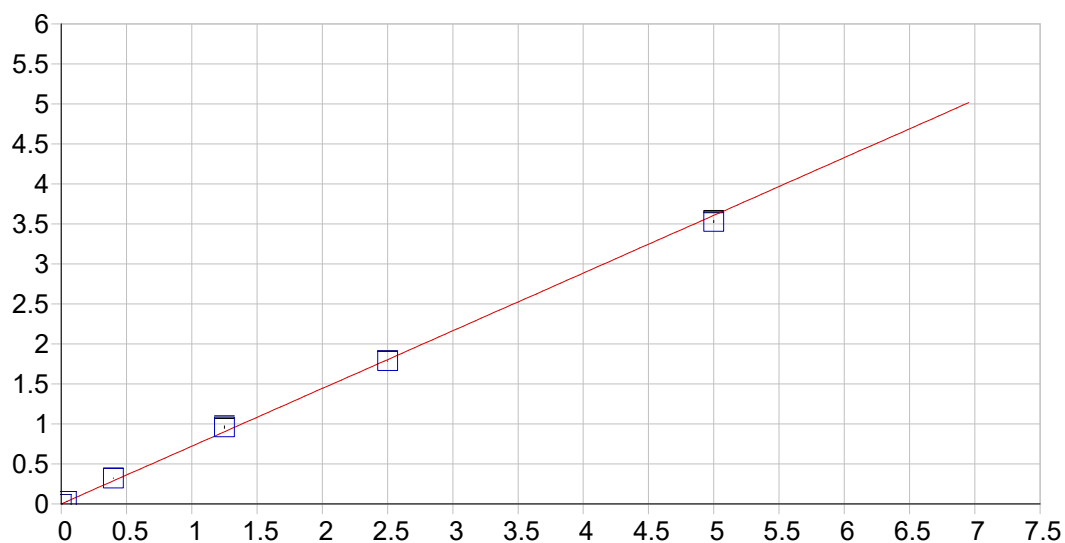


V 292.402 {115}

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000046 Re-Slope: 1.000000  
 A1 (Gain): 0.089665 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999497 Status: OK.  
 Std Error of Est: 0.000066  
 Predicted MDL: 0.002549  
 Predicted MQL: 0.008495

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00005 | .000    | 1        |
| S1        | .04000       | .03912      | -.001      | -2.21   | .00342 | .000    | 1        |
| S3        | 1.2500       | 1.3297      | .080       | 6.37    | .11762 | .002    | 1        |
| S4        | 2.5000       | 2.4588      | -.041      | -1.65   | .21722 | .001    | 1        |
| S5        | 5.0000       | 4.9322      | -.068      | -1.36   | .43571 | .009    | 1        |
| S2        | .40000       | .43023      | .030       | 7.56    | .03810 | .000    | 1        |

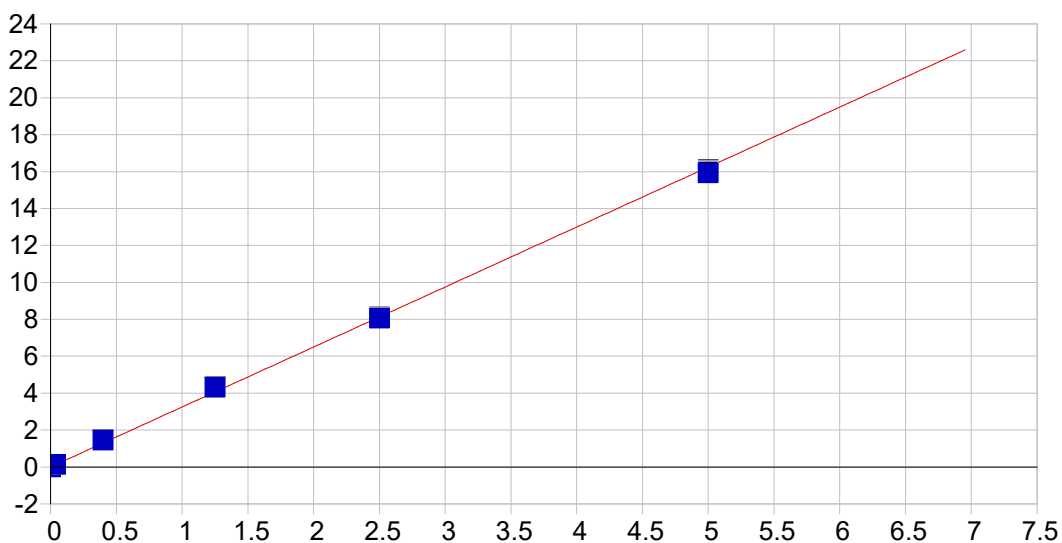


**Zn 206.200 {464}**

Date of Fit: 4/29/2022 4:35:17      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000173 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.721350 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999275 | Status:   | OK.      |
| Std Error of Est: | 0.000645 |           |          |
| Predicted MDL:    | 0.000351 |           |          |
| Predicted MQL:    | 0.001169 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00017 | .000    | 1        |
| S1        | .04000       | .04249      | .002       | 6.23    | .03082 | .000    | 1        |
| S3        | 1.2500       | 1.3318      | .082       | 6.54    | .96086 | .015    | 1        |
| S4        | 2.5000       | 2.4771      | -.023      | -.915   | 1.7871 | .003    | 1        |
| S5        | 5.0000       | 4.8925      | -.107      | -2.15   | 3.5294 | .014    | 1        |
| S2        | .40000       | .44606      | .046       | 11.5    | .32194 | .001    | 1        |

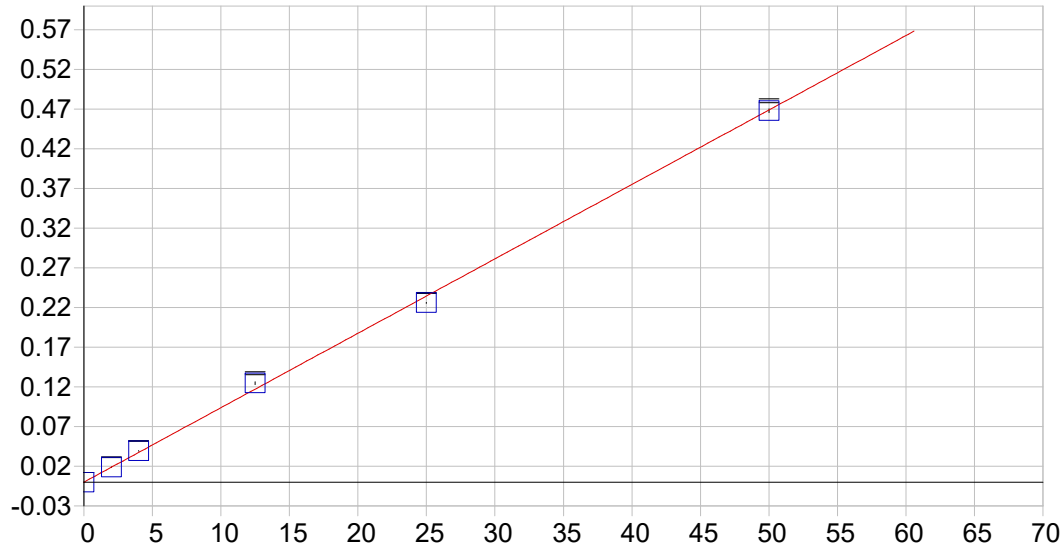


**Zn 213.856 {158}**

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000092 Re-Slope: 1.000000  
 A1 (Gain): 3.249394 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999363 Status: OK.  
 Std Error of Est: 0.002740  
 Predicted MDL: 0.000278  
 Predicted MQL: 0.000927

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00007 | .000    | 1        |
| S1        | .04000       | .04171      | .002       | 4.28    | .13651 | .001    | 1        |
| S3        | 1.2500       | 1.3281      | .078       | 6.25    | 4.3409 | .025    | 1        |
| S4        | 2.5000       | 2.4761      | -.024      | -.955   | 8.0965 | .019    | 1        |
| S5        | 5.0000       | 4.9007      | -.099      | -1.99   | 16.025 | .072    | 1        |
| S2        | .40000       | .44338      | .043       | 10.8    | 1.4489 | .008    | 1        |

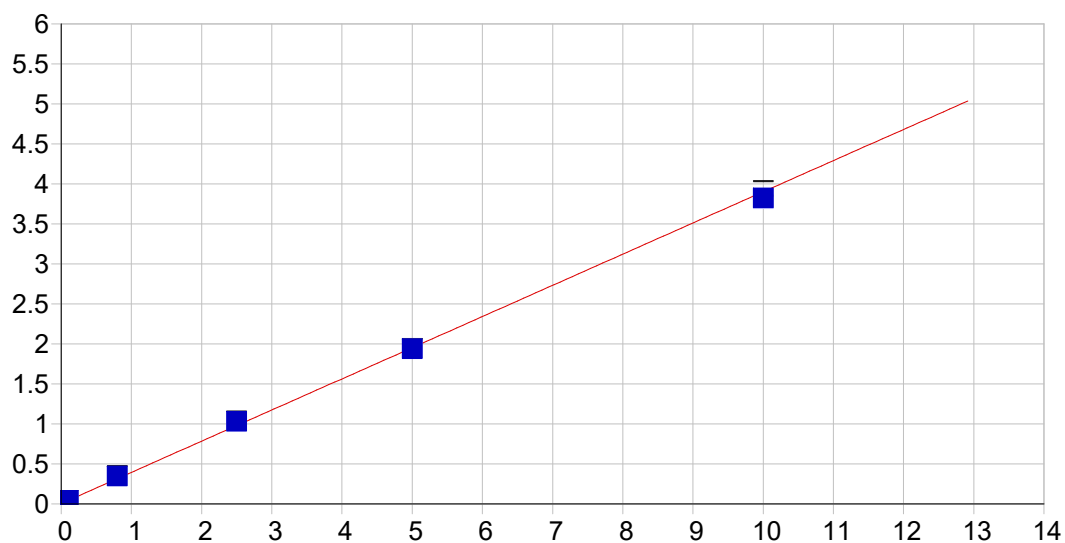


K 766.490 { 44}

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000037 Re-Slope: 1.000000  
 A1 (Gain): 0.009381 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999496 Status: OK.  
 Std Error of Est: 0.000158  
 Predicted MDL: 0.018153  
 Predicted MQL: 0.060510

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00016     | -.000      | .000    | -.00004 | .000    | 1        |
| S2        | 4.0000       | 4.1974      | .197       | 4.94    | .03934  | .000    | 1        |
| S3        | 12.500       | 13.298      | .798       | 6.38    | .12470  | .002    | 1        |
| S4        | 25.000       | 24.087      | -.913      | -3.65   | .22592  | .000    | 1        |
| S5        | 50.000       | 49.904      | -.096      | -.191   | .46810  | .002    | 1        |
| S1        | 2.0000       | 2.0133      | .013       | .667    | .01885  | .000    | 1        |

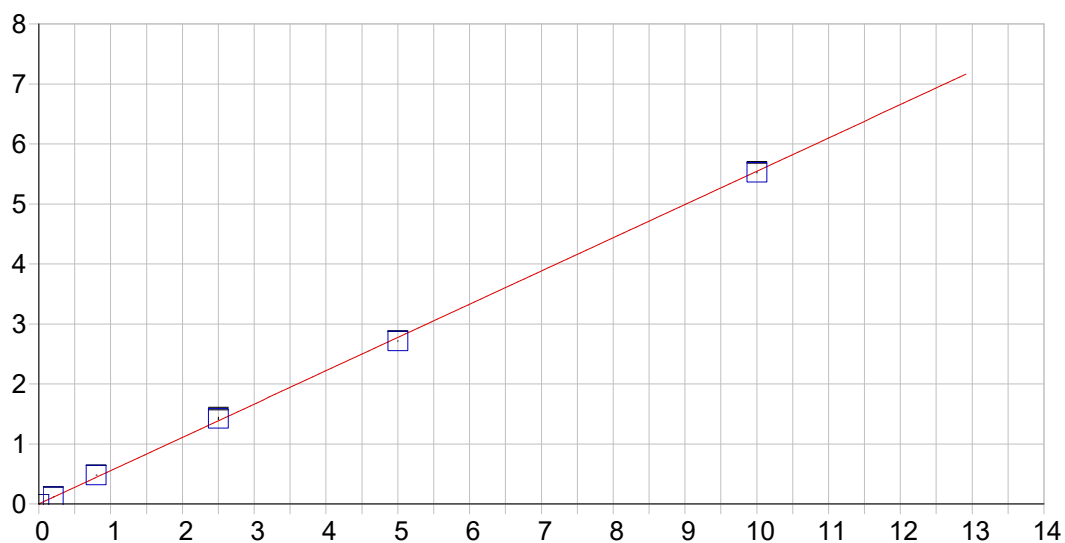


**B 249.678 {135}**

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004408 Re-Slope: 1.000000  
 A1 (Gain): 0.389676 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999456 Status: OK.  
 Std Error of Est: 0.000673  
 Predicted MDL: 0.000928  
 Predicted MQL: 0.003095

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00440 | .000    | 1        |
| S1        | .10000       | .10753      | .008       | 7.53    | .04608 | .000    | 1        |
| S3        | 2.5000       | 2.6389      | .139       | 5.56    | 1.0297 | .002    | 1        |
| S4        | 5.0000       | 4.9688      | -.031      | -.623   | 1.9346 | .004    | 1        |
| S5        | 10.000       | 9.8063      | -.194      | -1.94   | 3.8136 | .089    | 1        |
| S2        | .80000       | .87841      | .078       | 9.80    | .34573 | .004    | 1        |

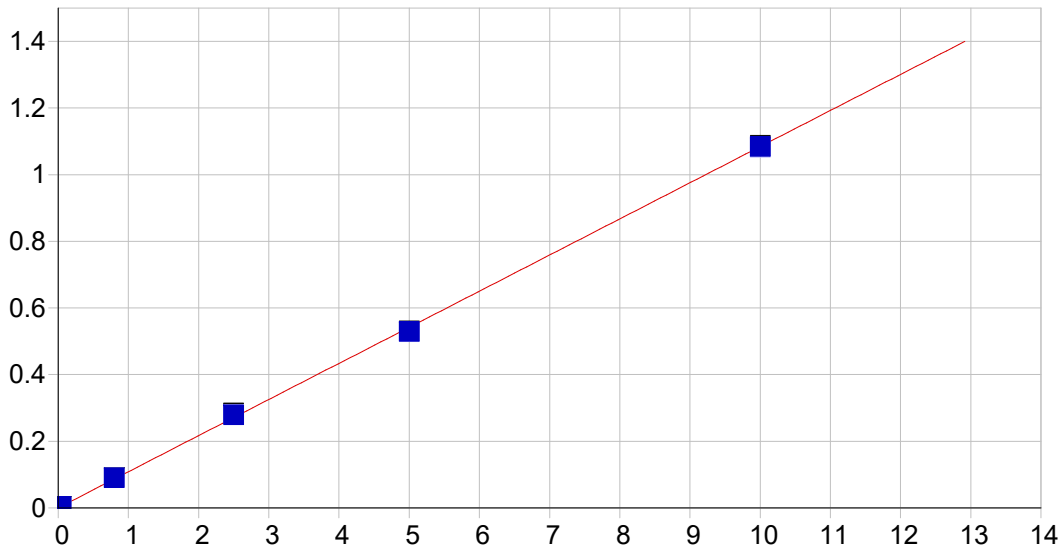


Mo 202.030 {467}

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000634 Re-Slope: 1.000000  
 A1 (Gain): 0.554481 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999736 Status: OK.  
 Std Error of Est: 0.000949  
 Predicted MDL: 0.000415  
 Predicted MQL: 0.001382

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00062 | .000    | 1        |
| S1        | .20000       | .20791      | .008       | 3.95    | .11591 | .000    | 1        |
| S3        | 2.5000       | 2.5682      | .068       | 2.73    | 1.4246 | .021    | 1        |
| S4        | 5.0000       | 4.8916      | -.108      | -2.17   | 2.7129 | .004    | 1        |
| S5        | 10.000       | 9.9682      | -.032      | -.318   | 5.5278 | .013    | 1        |
| S2        | .80000       | .86417      | .064       | 8.02    | .47980 | .000    | 1        |

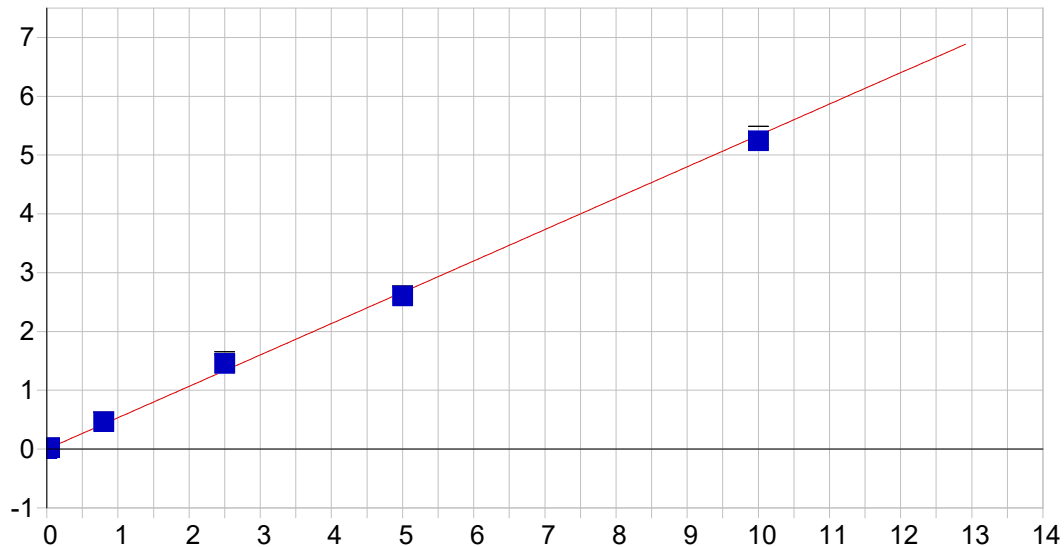


**Sn 189.989 {478}**

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000061 Re-Slope: 1.000000  
 A1 (Gain): 0.108405 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999821 Status: OK.  
 Std Error of Est: 0.000068  
 Predicted MDL: 0.001350  
 Predicted MQL: 0.004498

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00006 | .000    | 1        |
| S1        | .04000       | .03919      | -.001      | -2.02   | .00430 | .000    | 1        |
| S3        | 2.5000       | 2.5787      | .079       | 3.15    | .27886 | .005    | 1        |
| S4        | 5.0000       | 4.8846      | -.115      | -2.31   | .52810 | .002    | 1        |
| S5        | 10.000       | 10.004      | .004       | .041    | 1.0816 | .003    | 1        |
| S2        | .80000       | .83337      | .033       | 4.17    | .09017 | .000    | 1        |

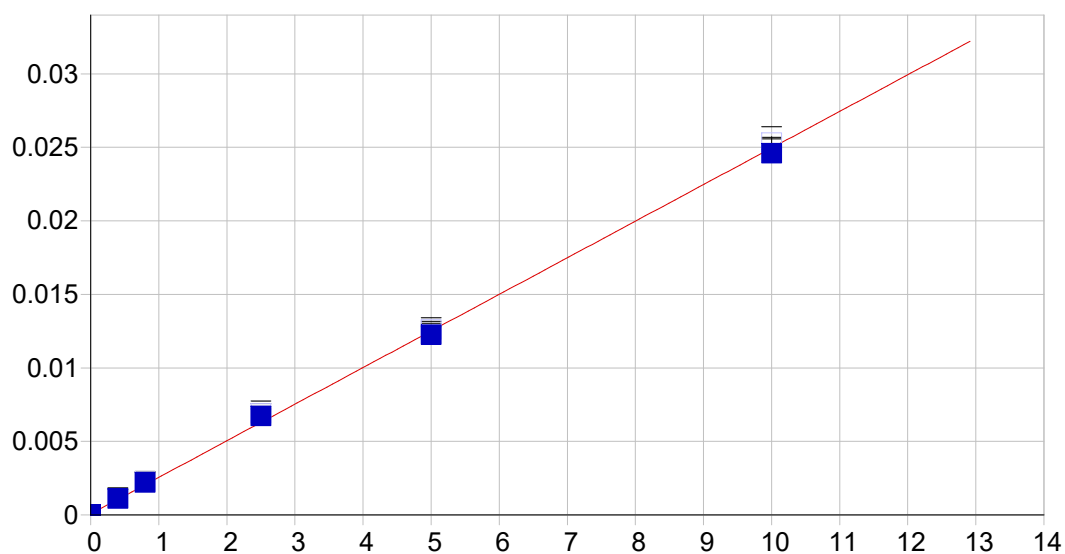


**Ti 336.121 {100}**

Date of Fit: 4/29/2022 4:35:17      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000510 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.533324 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999095 | Status:   | OK.      |
| Std Error of Est: | 0.000752 |           |          |
| Predicted MDL:    | 0.000745 |           |          |
| Predicted MQL:    | 0.002484 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00051 | .001    | 1        |
| S1        | .04000       | .04211      | .002       | 5.27    | .02294 | .001    | 1        |
| S3        | 2.5000       | 2.7267      | .227       | 9.07    | 1.4544 | .032    | 1        |
| S4        | 5.0000       | 4.8766      | -.123      | -2.47   | 2.6007 | .014    | 1        |
| S5        | 10.000       | 9.8232      | -.177      | -1.77   | 5.2381 | .081    | 1        |
| S2        | .80000       | .87140      | .071       | 8.92    | .46514 | .005    | 1        |

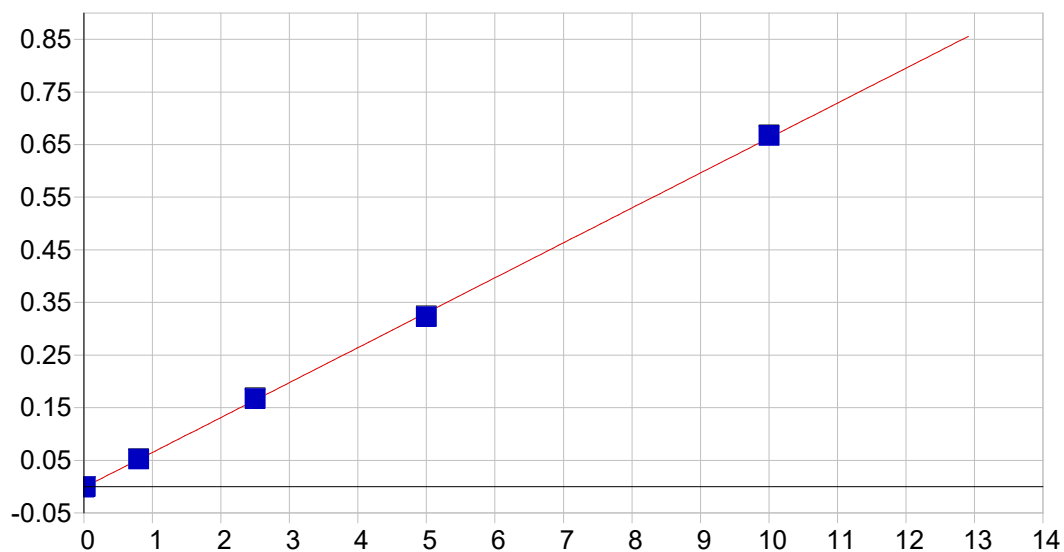


Si 288.158 {117}

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000063 Re-Slope: 1.000000  
 A1 (Gain): 0.002490 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999445 Status: OK.  
 Std Error of Est: 0.000009  
 Predicted MDL: 0.011393  
 Predicted MQL: 0.037976

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00006     | -.000      | .000    | .00006 | .000    | 1        |
| S1        | .40000       | .41928      | .019       | 4.82    | .00111 | .000    | 1        |
| S3        | 2.5000       | 2.6730      | .173       | 6.92    | .00690 | .000    | 1        |
| S4        | 5.0000       | 4.8950      | -.105      | -2.10   | .01261 | .000    | 1        |
| S5        | 10.000       | 9.8522      | -.148      | -1.48   | .02531 | .000    | 1        |
| S2        | .80000       | .86105      | .061       | 7.63    | .00226 | .000    | 1        |

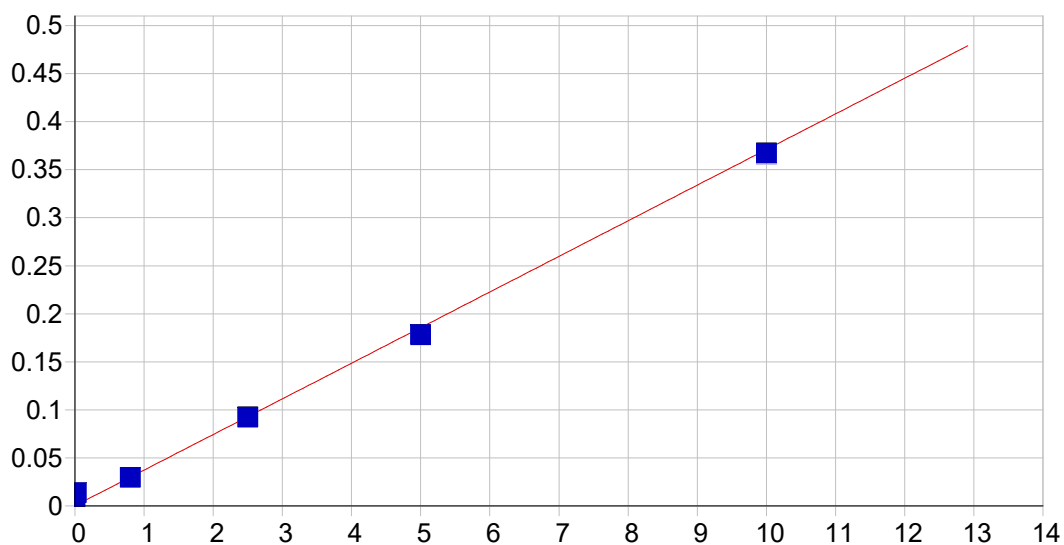


P 177.495 {490}

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001533 Re-Slope: 1.000000  
 A1 (Gain): 0.066399 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999896 Status: OK.  
 Std Error of Est: 0.000022  
 Predicted MDL: 0.002336  
 Predicted MQL: 0.007787

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00153 | .000    | 1        |
| S1        | .02000       | .01907      | -.001      | -4.67   | -.00026 | .000    | 1        |
| S3        | 2.5000       | 2.5396      | .040       | 1.58    | .16712  | .002    | 1        |
| S4        | 5.0000       | 4.8861      | -.114      | -2.28   | .32295  | .001    | 1        |
| S5        | 10.000       | 10.066      | .066       | .664    | .66696  | .001    | 1        |
| S2        | .80000       | .80873      | .009       | 1.09    | .05217  | .000    | 1        |

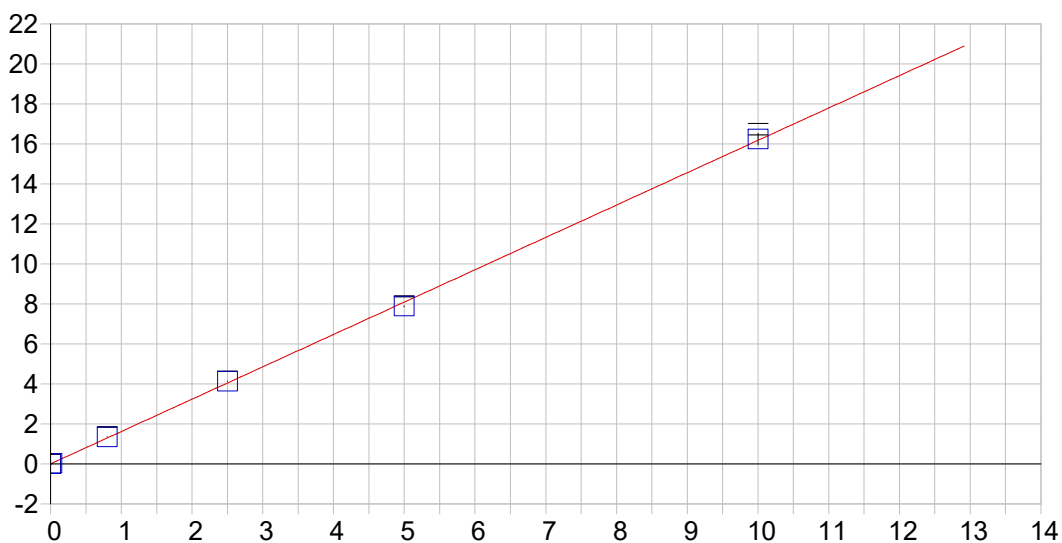


**S 182.034 {485}**

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000187 Re-Slope: 1.000000  
 A1 (Gain): 0.037081 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.866040 Status: OK.  
 Std Error of Est: 0.000500  
 Predicted MDL: 0.004337  
 Predicted MQL: 0.014455

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00035     | -.000      | .000    | .00017 | .000    | 1        |
| S1        | .02000       | .36757      | .348       | 1740.   | .01377 | .000    | 1        |
| S3        | 2.5000       | 2.4856      | -.014      | -.574   | .09198 | .000    | 1        |
| S4        | 5.0000       | 4.8007      | -.199      | -3.99   | .17745 | .000    | 1        |
| S5        | 10.000       | 9.8934      | -.107      | -1.07   | .36553 | .001    | 1        |
| S2        | .80000       | .79124      | -.009      | -1.10   | .02941 | .000    | 1        |

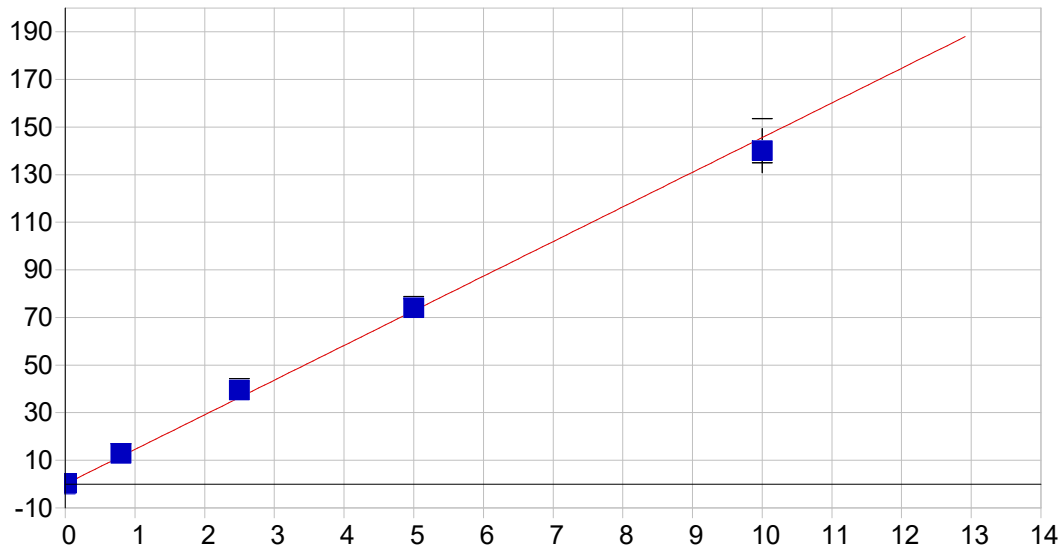


Li 670.784 { 50}

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001167 Re-Slope: 1.000000  
 A1 (Gain): 1.617700 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999834 Status: OK.  
 Std Error of Est: 0.000690  
 Predicted MDL: 0.000827  
 Predicted MQL: 0.002756

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00116 | .002    | 1        |
| S5        | 10.000       | 10.035      | .035       | .353    | 16.235 | .287    | 1        |
| S4        | 5.0000       | 4.8744      | -.126      | -2.51   | 7.8865 | .023    | 1        |
| S3        | 2.5000       | 2.5550      | .055       | 2.20    | 4.1344 | .013    | 1        |
| S1        | .02000       | .02200      | .002       | 9.98    | .03675 | .001    | 1        |
| S2        | .80000       | .83331      | .033       | 4.16    | 1.3492 | .006    | 1        |



**Sr 407.771 { 83}**

Date of Fit: 4/29/2022 4:35:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001699 Re-Slope: 1.000000  
 A1 (Gain): 14.557572 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998840 Status: OK.  
 Std Error of Est: 0.016460  
 Predicted MDL: 0.000046  
 Predicted MQL: 0.000152

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00180 | .001    | 1        |
| S1        | .02000       | .02347      | .003       | 17.3    | .34136  | .009    | 1        |
| S3        | 2.5000       | 2.7134      | .213       | 8.54    | 39.535  | .630    | 1        |
| S4        | 5.0000       | 5.0864      | .086       | 1.73    | 74.117  | .559    | 1        |
| S5        | 10.000       | 9.6179      | -.382      | -3.82   | 140.16  | 9.31    | 1        |
| S2        | .80000       | .87875      | .079       | 9.84    | 12.802  | .101    | 1        |



Y 224.306 {450}\*

Date of Fit: 4/29/2022 4:35:17 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}\*

| 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 |