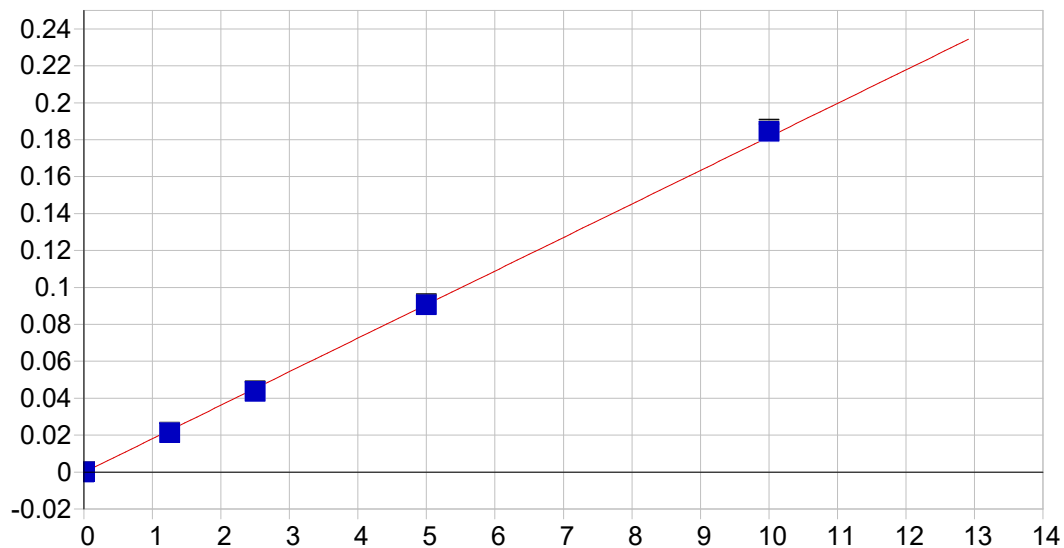


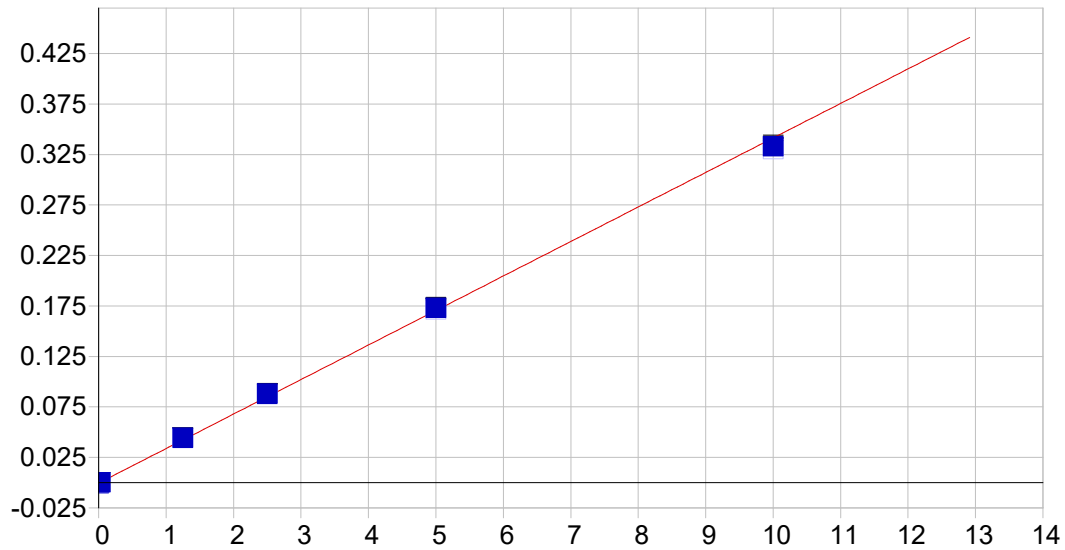


**As 189.042 {479}**

Date of Fit: 01/09/2022 13:17:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000116 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.018160  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999706  | Status:   | OK.      |
| Std Error of Est: | 0.000007  |           |          |
| Predicted MDL:    | 0.011920  |           |          |
| Predicted MQL:    | 0.039735  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00012 | .000    | 1        |
| S1        | .01000       | .01218      | .002       | 21.8    | .00010  | .000    | 1        |
| S2        | 1.2500       | 1.1763      | -.074      | -5.90   | .02120  | .000    | 1        |
| S3        | 2.5000       | 2.4080      | -.092      | -3.68   | .04353  | .000    | 1        |
| S4        | 5.0000       | 4.9966      | -.003      | -.067   | .09045  | .000    | 1        |
| S5        | 10.000       | 10.167      | .167       | 1.67    | .18417  | .001    | 1        |

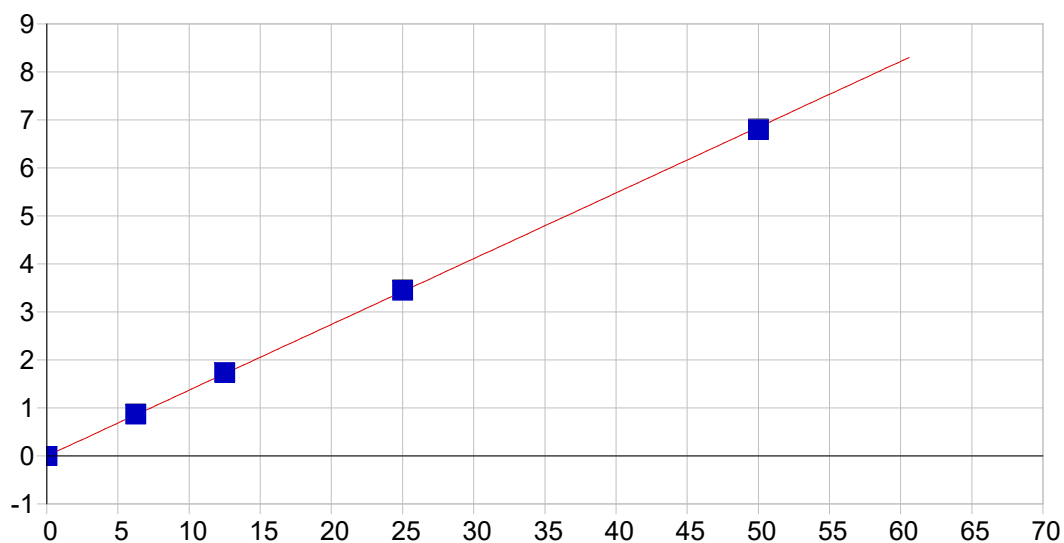


TI 190.856 {477}

Date of Fit: 01/09/2022 13:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000440 Re-Slope: 1.000000  
 A1 (Gain): 0.034181 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999626 Status: OK.  
 Std Error of Est: 0.000025  
 Predicted MDL: 0.005301  
 Predicted MQL: 0.017671

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00044 | .000    | 1        |
| S1        | .02500       | .02698      | .002       | 7.94    | .00044  | .000    | 1        |
| S2        | 1.2500       | 1.3134      | .063       | 5.07    | .04406  | .000    | 1        |
| S3        | 2.5000       | 2.5947      | .095       | 3.79    | .08747  | .000    | 1        |
| S4        | 5.0000       | 5.0775      | .078       | 1.55    | .17156  | .001    | 1        |
| S5        | 10.000       | 9.7626      | -.237      | -2.37   | .33014  | .001    | 1        |

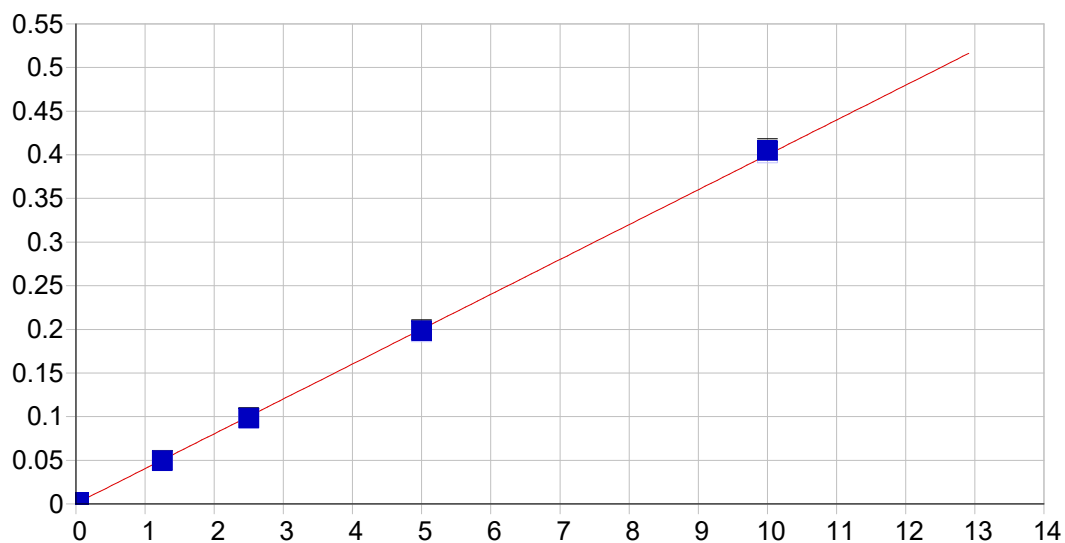


### Pb 220.353 {453}

Date of Fit: 01/09/2022 13:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000276 Re-Slope: 1.000000  
 A1 (Gain): 0.136980 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999963 Status: OK.  
 Std Error of Est: 0.000044  
 Predicted MDL: 0.002733  
 Predicted MQL: 0.009109

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00028 | .000    | 1        |
| S1        | .01000       | .00825      | -.002      | -17.5   | .00085  | .000    | 1        |
| S2        | 6.2500       | 6.3308      | .081       | 1.29    | .86689  | .001    | 1        |
| S3        | 12.500       | 12.639      | .139       | 1.11    | 1.7310  | .005    | 1        |
| S4        | 25.000       | 25.165      | .165       | .660    | 3.4467  | .007    | 1        |
| S5        | 50.000       | 49.617      | -.383      | -.766   | 6.7961  | .007    | 1        |

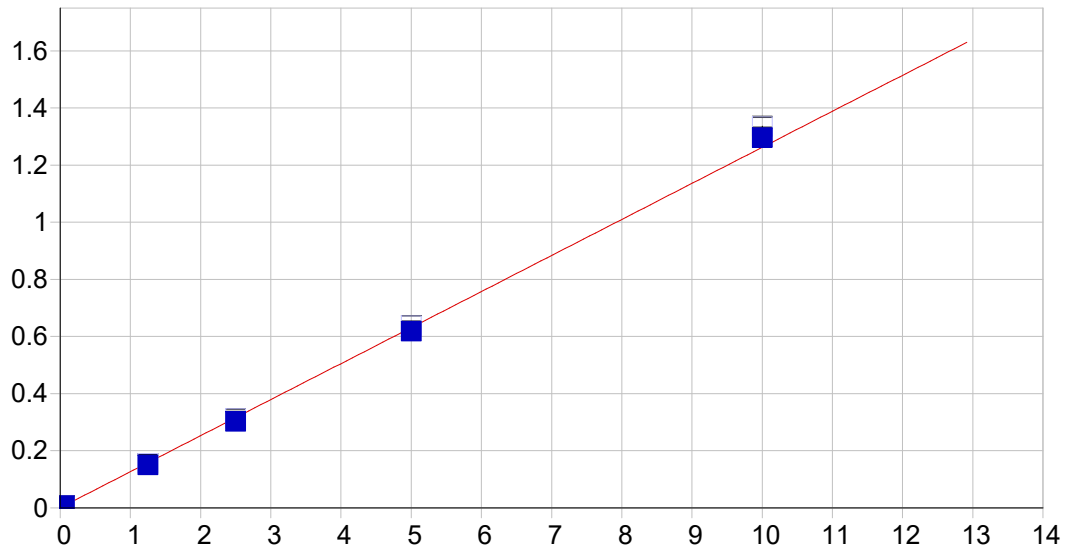


Se 196.090 {472}

Date of Fit: 01/09/2022 13:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000458 Re-Slope: 1.000000  
 A1 (Gain): 0.039943 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999909 Status: OK.  
 Std Error of Est: 0.000017  
 Predicted MDL: 0.007297  
 Predicted MQL: 0.024322

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00046 | .000    | 1        |
| S1        | .03500       | .03353      | -.001      | -4.21   | .00180 | .000    | 1        |
| S2        | 1.2500       | 1.2269      | -.023      | -1.85   | .04910 | .000    | 1        |
| S3        | 2.5000       | 2.4524      | -.048      | -1.90   | .09769 | .000    | 1        |
| S4        | 5.0000       | 4.9504      | -.050      | -.991   | .19675 | .001    | 1        |
| S5        | 10.000       | 10.122      | .122       | 1.22    | .40186 | .002    | 1        |

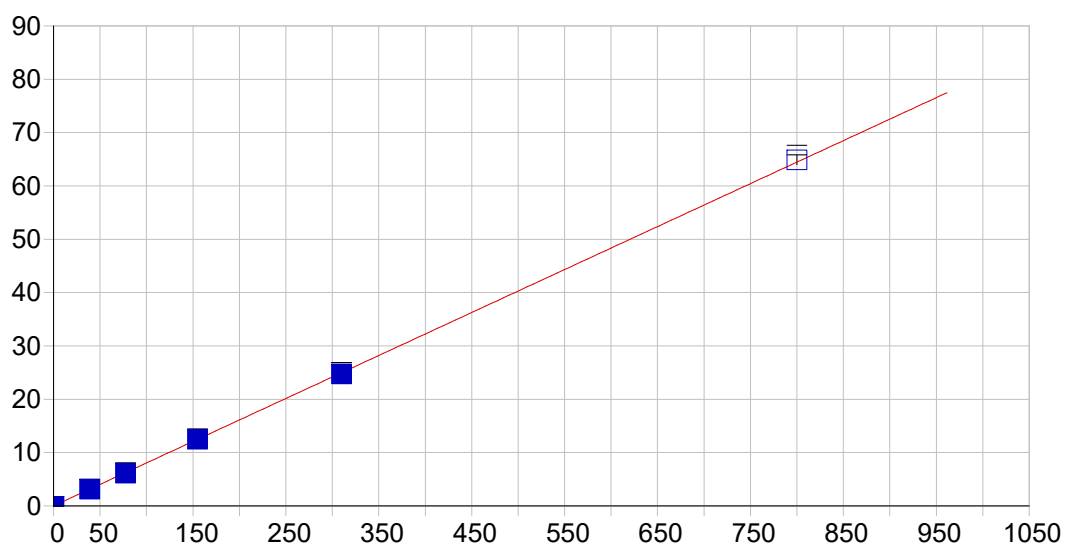


**Sb 206.833 {463}**

Date of Fit: 01/09/2022 13:17:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000516 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.126179 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999591 | Status:   | OK.      |
| Std Error of Est: | 0.000153 |           |          |
| Predicted MDL:    | 0.002976 |           |          |
| Predicted MQL:    | 0.009919 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00052 | .000    | 1        |
| S1        | .06000       | .06061      | .001       | 1.02    | .00816 | .000    | 1        |
| S2        | 1.2500       | 1.1897      | -.060      | -4.83   | .15544 | .000    | 1        |
| S3        | 2.5000       | 2.3952      | -.105      | -4.19   | .31237 | .001    | 1        |
| S4        | 5.0000       | 4.8996      | -.100      | -2.01   | .63800 | .001    | 1        |
| S5        | 10.000       | 10.265      | .265       | 2.65    | 1.3343 | .002    | 1        |

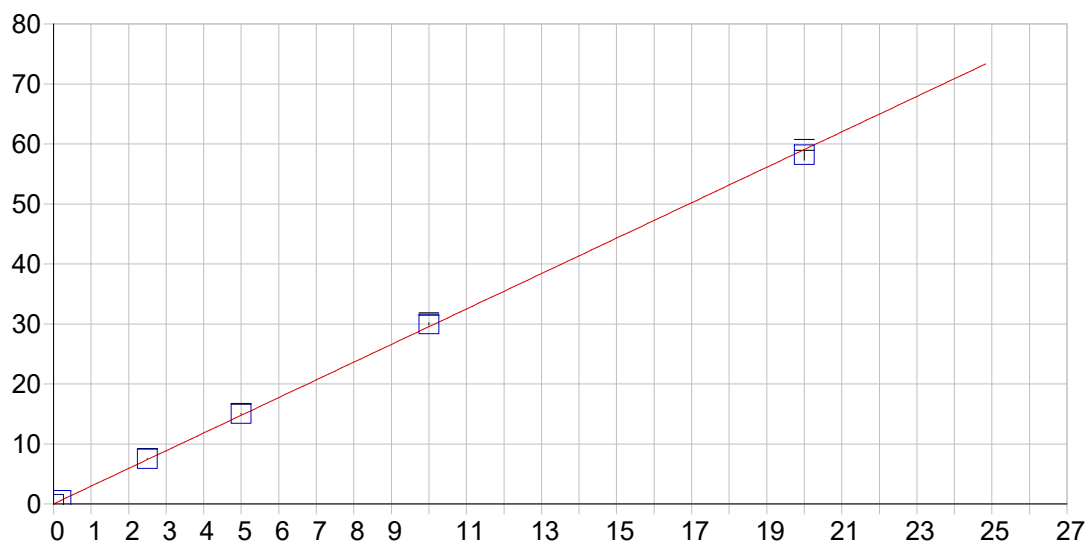


AI 396.152 { 85}

Date of Fit: 01/09/2022 13:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000845 Re-Slope: 1.000000  
 A1 (Gain): 0.080578 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999967 Status: OK.  
 Std Error of Est: 0.000410  
 Predicted MDL: 0.012312  
 Predicted MQL: 0.041039

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00084 | .000    | 1        |
| S1        | .20000       | .20629      | .006       | 3.15    | .01749 | .001    | 1        |
| S2        | 38.750       | 38.592      | -.158      | -.407   | 3.1138 | .034    | 1        |
| S3        | 77.500       | 76.087      | -1.41      | -1.82   | 6.1384 | .031    | 1        |
| S4        | 155.00       | 154.70      | -.303      | -.195   | 12.479 | .047    | 1        |
| S5        | 310.00       | 306.80      | -3.20      | -1.03   | 24.748 | .288    | 1        |
| S6        | 800.00       | 805.08      | 5.08       | .634    | 64.873 | .916    | 1        |

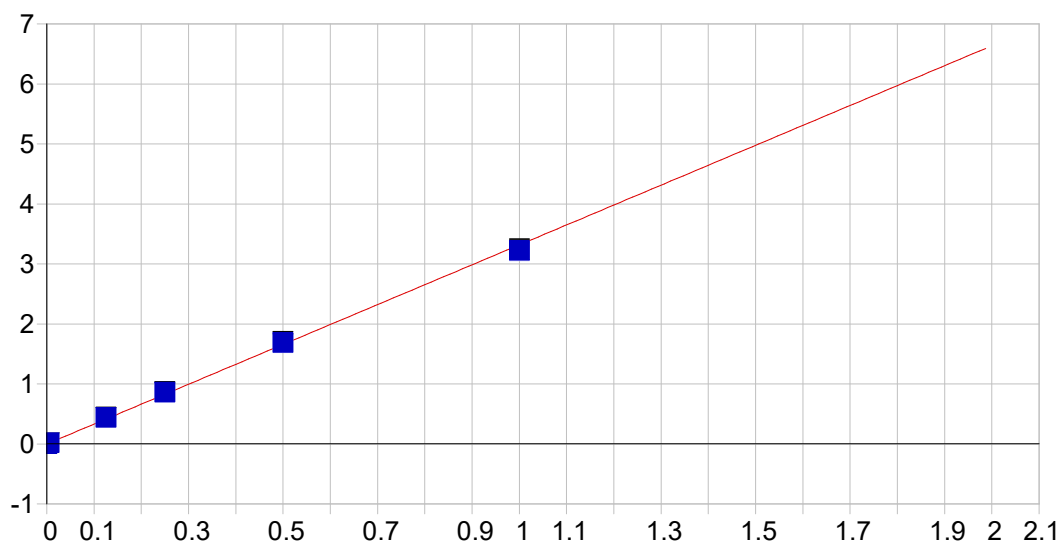


**Ba 493.409 { 68}**

Date of Fit: 01/09/2022 13:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007699 Re-Slope: 1.000000  
 A1 (Gain): 2.952455 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999871 Status: OK.  
 Std Error of Est: 0.005031  
 Predicted MDL: 0.000726  
 Predicted MQL: 0.002420

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00766 | .002    | 1        |
| S1        | .20000       | .20430      | .004       | 2.15    | .61089 | .004    | 1        |
| S2        | 2.5000       | 2.5526      | .053       | 2.11    | 7.5442 | .026    | 1        |
| S3        | 5.0000       | 5.0898      | .090       | 1.80    | 15.035 | .063    | 1        |
| S4        | 10.000       | 10.154      | .154       | 1.54    | 29.986 | .187    | 1        |
| S5        | 20.000       | 19.700      | -.300      | -1.50   | 58.170 | .907    | 1        |



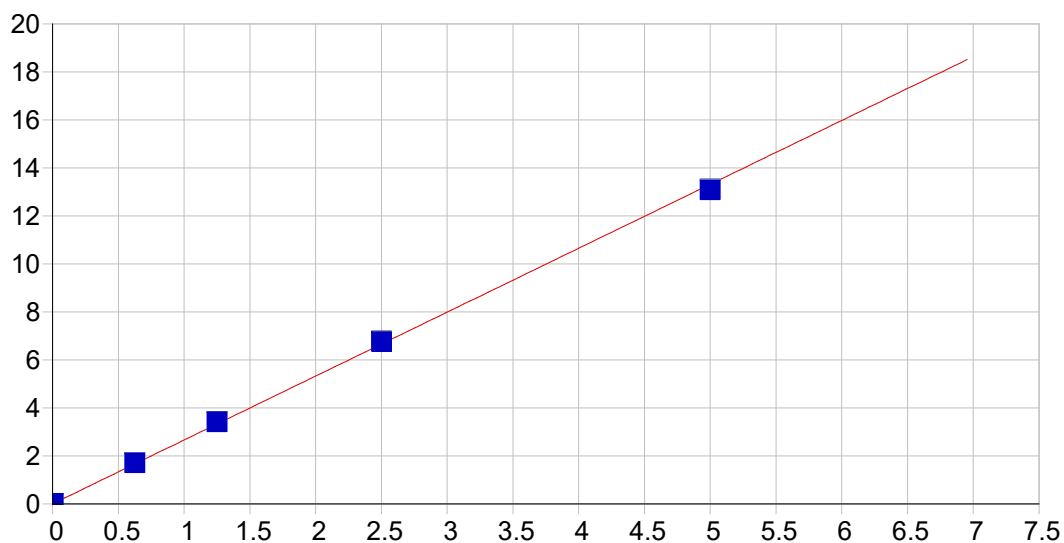
Be 234.861 {144}

Date of Fit: 01/09/2022 13:17:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001461 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.318607  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999461  | Status:   | OK.      |
| Std Error of Est: | 0.000408  |           |          |
| Predicted MDL:    | 0.000098  |           |          |
| Predicted MQL:    | 0.000327  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00146 | .000    | 1        |
| S1        | .00500       | .00536      | .000       | 7.23    | .01632  | .000    | 1        |
| S2        | .12500       | .13381      | .009       | 7.05    | .44155  | .004    | 1        |
| S3        | .25000       | .25982      | .010       | 3.93    | .85865  | .010    | 1        |
| S4        | .50000       | .50941      | .009       | 1.88    | 1.6848  | .019    | 1        |
| S5        | 1.0000       | .97159      | -.028      | -2.84   | 3.2143  | .029    | 1        |



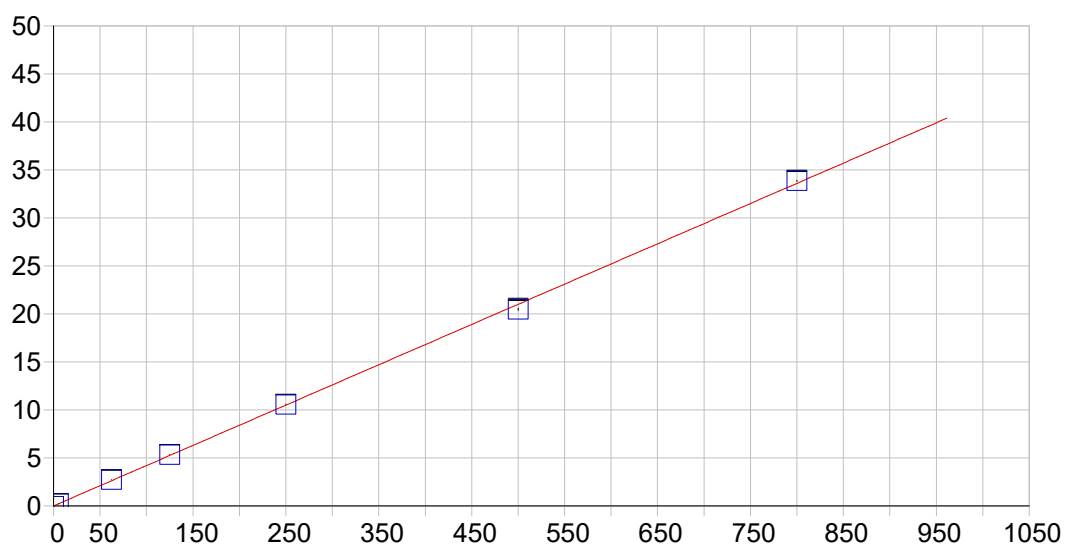


**Cd 214.438 {457}**

Date of Fit: 01/09/2022 13:17:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001368 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.662763 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999822 | Status:   | OK.      |
| Std Error of Est: | 0.000422 |           |          |
| Predicted MDL:    | 0.000112 |           |          |
| Predicted MQL:    | 0.000374 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00137 | .000    | 1        |
| S1        | .00500       | .00501      | .000       | .264    | .01473 | .000    | 1        |
| S2        | .62500       | .64200      | .017       | 2.72    | 1.7141 | .003    | 1        |
| S3        | 1.2500       | 1.2802      | .030       | 2.42    | 3.4168 | .006    | 1        |
| S4        | 2.5000       | 2.5401      | .040       | 1.60    | 6.7782 | .014    | 1        |
| S5        | 5.0000       | 4.9127      | -.087      | -1.75   | 13.109 | .015    | 1        |

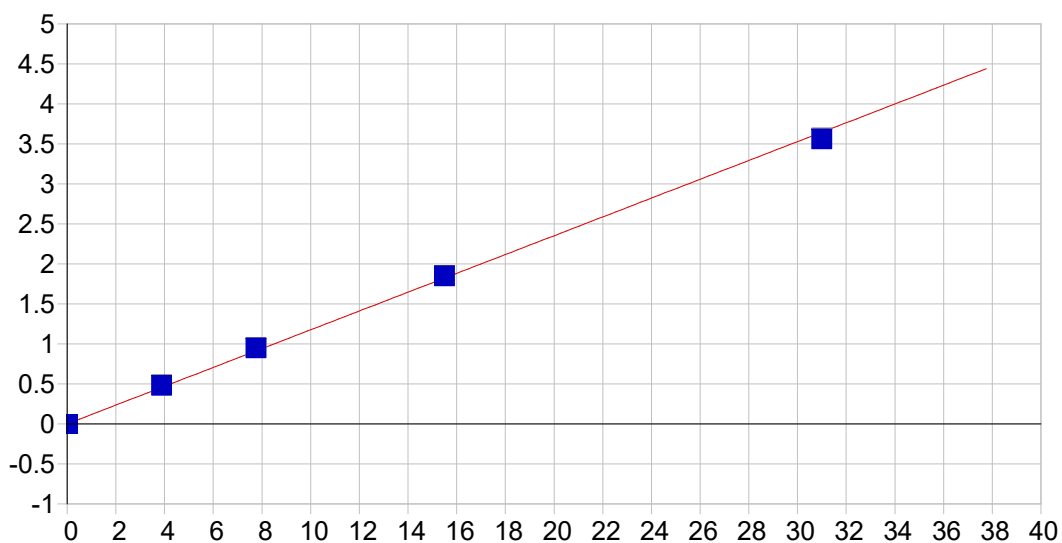


Ca 373.690 { 90}

Date of Fit: 01/09/2022 13:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002217 Re-Slope: 1.000000  
 A1 (Gain): 0.042001 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999858 Status: OK.  
 Std Error of Est: 0.002468  
 Predicted MDL: 0.018997  
 Predicted MQL: 0.063322

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00042     | -.000      | .000    | .00220 | .000    | 1        |
| S1        | 5.0000       | 5.2047      | .205       | 4.09    | .22082 | .001    | 1        |
| S2        | 62.500       | 64.735      | 2.24       | 3.58    | 2.7212 | .012    | 1        |
| S3        | 125.00       | 127.27      | 2.27       | 1.81    | 5.3476 | .016    | 1        |
| S4        | 250.00       | 251.35      | 1.35       | .541    | 10.559 | .034    | 1        |
| S5        | 500.00       | 487.61      | -12.4      | -2.48   | 20.483 | .120    | 1        |
| S6        | 800.00       | 806.33      | 6.33       | .791    | 33.869 | .065    | 1        |

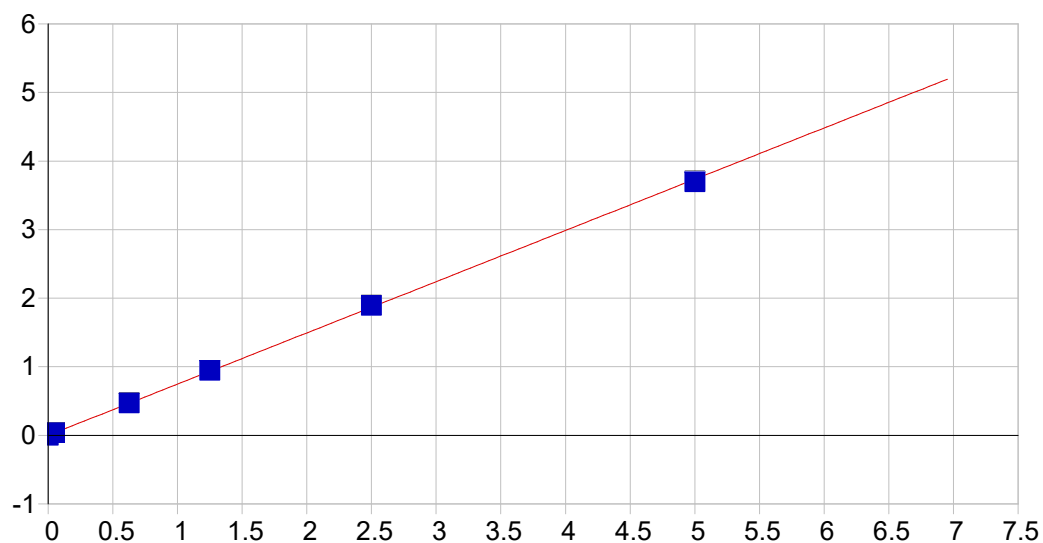


### Cr 267.716 {126}

Date of Fit: 01/09/2022 13:17:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000064 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.117609 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999631 | Status:   | OK.      |
| Std Error of Est: | 0.000094 |           |          |
| Predicted MDL:    | 0.000649 |           |          |
| Predicted MQL:    | 0.002164 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00006 | .000    | 1        |
| S1        | .01000       | .01016      | .000       | 1.61    | .00126 | .000    | 1        |
| S2        | 3.8750       | 4.0893      | .214       | 5.53    | .48114 | .001    | 1        |
| S3        | 7.7500       | 8.0507      | .301       | 3.88    | .94716 | .002    | 1        |
| S4        | 15.500       | 15.705      | .205       | 1.32    | 1.8476 | .005    | 1        |
| S5        | 31.000       | 30.280      | -.720      | -2.32   | 3.5624 | .008    | 1        |

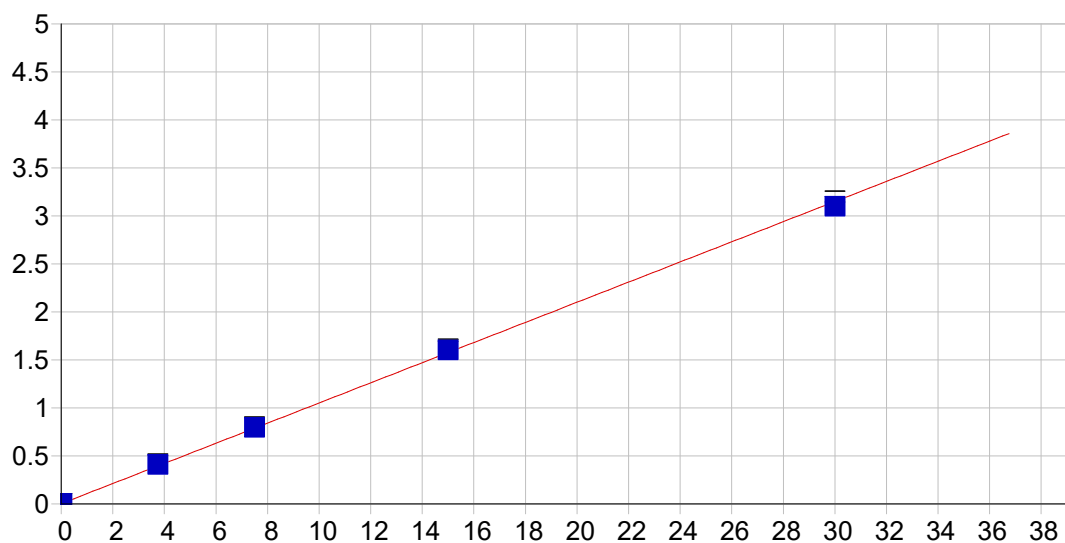


**Co 228.616 {448}**

Date of Fit: 01/09/2022 13:17:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000249 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.747067  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999936  | Status:   | OK.      |
| Std Error of Est: | 0.000225  |           |          |
| Predicted MDL:    | 0.000394  |           |          |
| Predicted MQL:    | 0.001315  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00025 | .000    | 1        |
| S1        | .05000       | .04894      | -.001      | -2.12   | .03644  | .000    | 1        |
| S2        | .62500       | .62803      | .003       | .485    | .46963  | .002    | 1        |
| S3        | 1.2500       | 1.2652      | .015       | 1.22    | .94636  | .002    | 1        |
| S4        | 2.5000       | 2.5340      | .034       | 1.36    | 1.8956  | .001    | 1        |
| S5        | 5.0000       | 4.9488      | -.051      | -1.02   | 3.7025  | .005    | 1        |

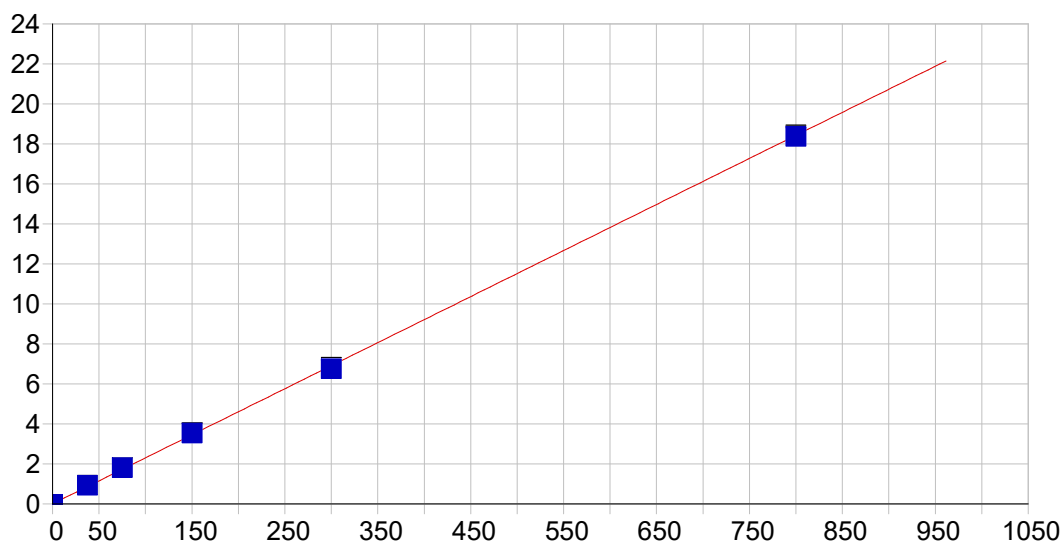


**Cu 324.754 {104}**

Date of Fit: 01/09/2022 13:17:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.002313 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.104914 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999838 | Status:   | OK.      |
| Std Error of Est: | 0.000087 |           |          |
| Predicted MDL:    | 0.004341 |           |          |
| Predicted MQL:    | 0.014470 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00231 | .001    | 1        |
| S1        | .02500       | .02427      | -.001      | -2.92   | .00485 | .000    | 1        |
| S2        | 3.7500       | 3.8951      | .145       | 3.87    | .41043 | .007    | 1        |
| S3        | 7.5000       | 7.5705      | .070       | .939    | .79549 | .006    | 1        |
| S4        | 15.000       | 15.258      | .258       | 1.72    | 1.6010 | .012    | 1        |
| S5        | 30.000       | 29.527      | -.473      | -1.58   | 3.0959 | .057    | 1        |

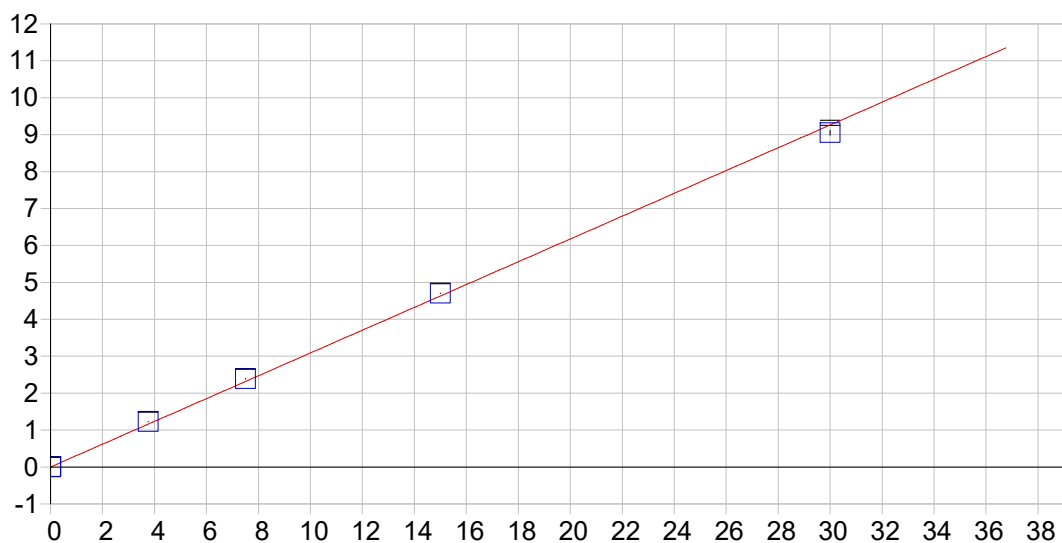


### Fe 259.837 {130}

Date of Fit: 01/09/2022 13:17:51      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.000238      Re-Slope: 1.000000  
 A1 (Gain): 0.023034      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999795      Status: OK.  
 Std Error of Est: 0.000204  
 Predicted MDL: 0.016504  
 Predicted MQL: 0.055012

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00024 | .000    | 1        |
| S1        | .10000       | .08593      | -.014      | -14.1   | .00223 | .000    | 1        |
| S2        | 37.500       | 39.995      | 2.50       | 6.65    | .92251 | .009    | 1        |
| S3        | 75.000       | 78.325      | 3.32       | 4.43    | 1.8064 | .004    | 1        |
| S4        | 150.00       | 153.54      | 3.54       | 2.36    | 3.5410 | .009    | 1        |
| S5        | 300.00       | 293.25      | -6.75      | -2.25   | 6.7631 | .062    | 1        |
| S6        | 800.00       | 797.40      | -2.60      | -.325   | 18.380 | .061    | 1        |

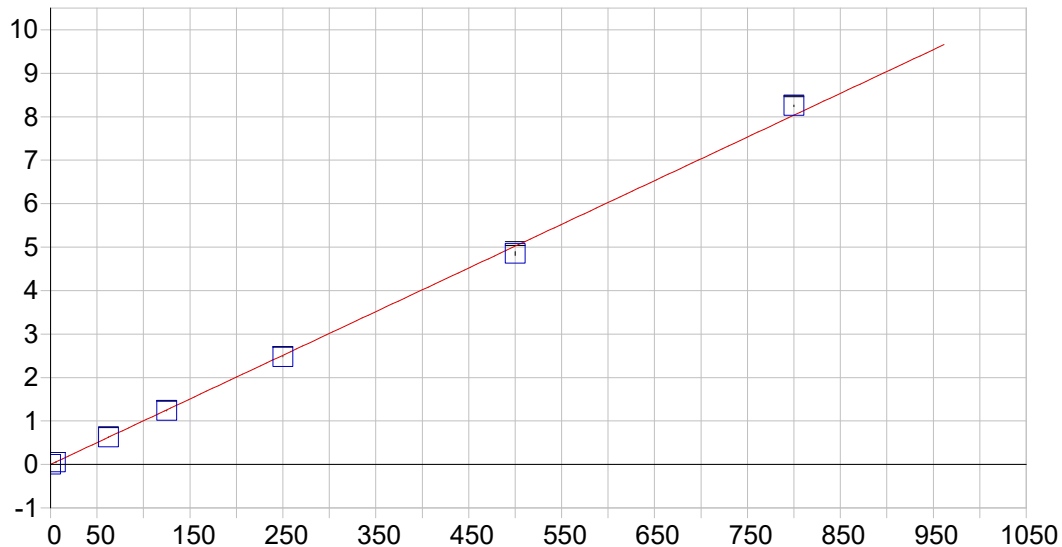


### Mn 257.610 {131}

Date of Fit: 01/09/2022 13:17:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000019 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.308765 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999656 | Status:   | OK.      |
| Std Error of Est: | 0.000288 |           |          |
| Predicted MDL:    | 0.000770 |           |          |
| Predicted MQL:    | 0.002566 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00002 | .000    | 1        |
| S1        | .01500       | .01565      | .001       | 4.34    | .00485 | .000    | 1        |
| S2        | 3.7500       | 3.9676      | .218       | 5.80    | 1.2251 | .008    | 1        |
| S3        | 7.5000       | 7.7354      | .235       | 3.14    | 2.3884 | .008    | 1        |
| S4        | 15.000       | 15.225      | .225       | 1.50    | 4.7010 | .009    | 1        |
| S5        | 30.000       | 29.321      | -.679      | -2.26   | 9.0534 | .071    | 1        |



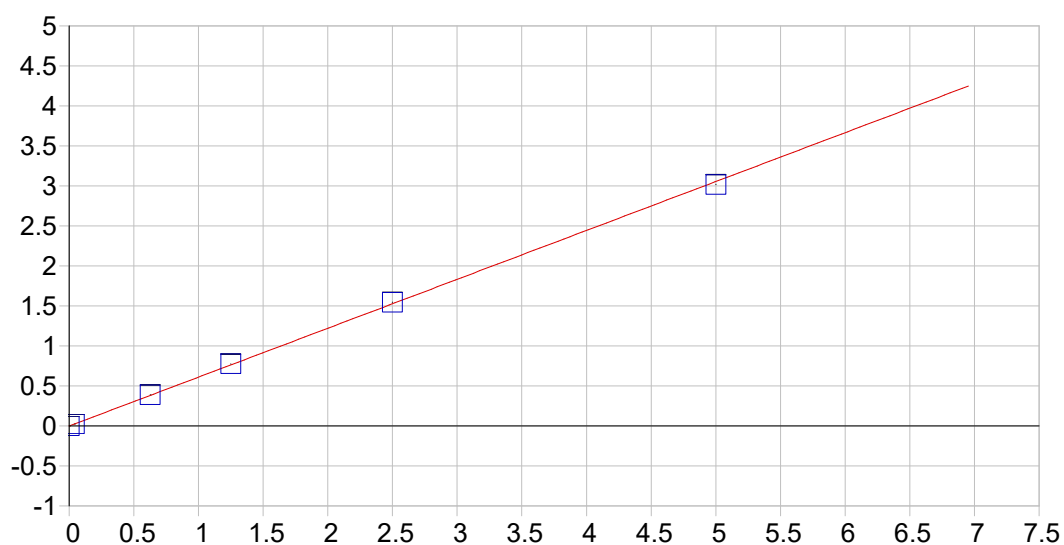
### Mg 279.079 {121}

Date of Fit: 01/09/2022 13:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000287 Re-Slope: 1.000000  
 A1 (Gain): 0.010044 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999652 Status: OK.  
 Std Error of Est: 0.000925  
 Predicted MDL: 0.032725  
 Predicted MQL: 0.109085

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00007      | .000       | .000    | -.00029 | .000    | 1        |
| S1        | 5.0000       | 5.0883      | .088       | 1.77    | .05082  | .000    | 1        |
| S2        | 62.500       | 62.473      | -.027      | -.043   | .62722  | .006    | 1        |
| S3        | 125.00       | 123.43      | -1.57      | -1.25   | 1.2395  | .008    | 1        |
| S4        | 250.00       | 246.78      | -3.22      | -1.29   | 2.4785  | .005    | 1        |
| S5        | 500.00       | 483.14      | -16.9      | -3.37   | 4.8525  | .046    | 1        |
| S6        | 800.00       | 821.59      | 21.6       | 2.70    | 8.2521  | .021    | 1        |



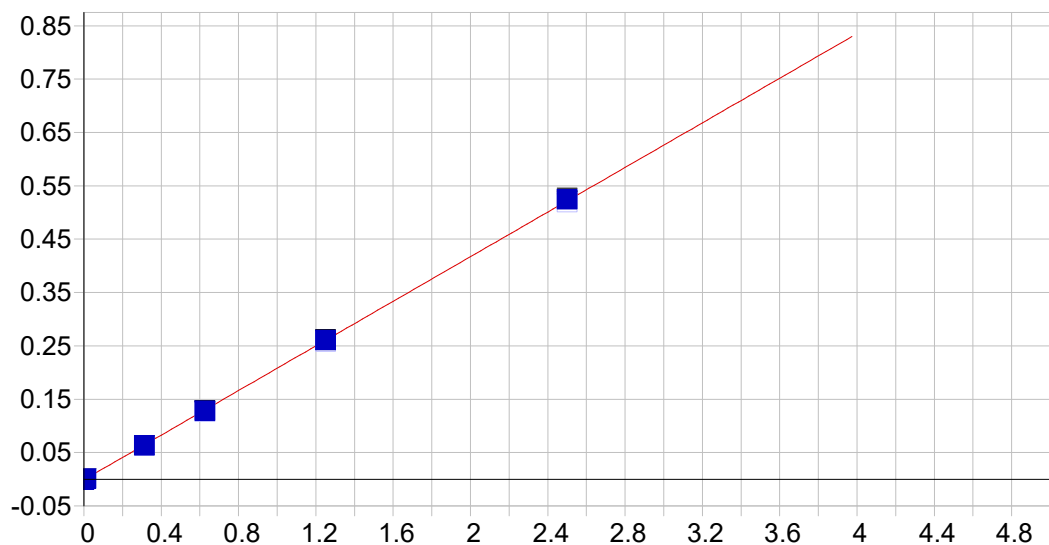


**Ni 231.604 {446}**

Date of Fit: 01/09/2022 13:17:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001317 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.611139  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999916  | Status:   | OK.      |
| Std Error of Est: | 0.000188  |           |          |
| Predicted MDL:    | 0.000559  |           |          |
| Predicted MQL:    | 0.001863  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00132 | .000    | 1        |
| S1        | .04000       | .04001      | .000       | .033    | .02314  | .000    | 1        |
| S2        | .62500       | .63751      | .013       | 2.00    | .38829  | .001    | 1        |
| S3        | 1.2500       | 1.2687      | .019       | 1.49    | .77401  | .001    | 1        |
| S4        | 2.5000       | 2.5289      | .029       | 1.15    | 1.5442  | .002    | 1        |
| S5        | 5.0000       | 4.9400      | -.060      | -1.20   | 3.0177  | .000    | 1        |

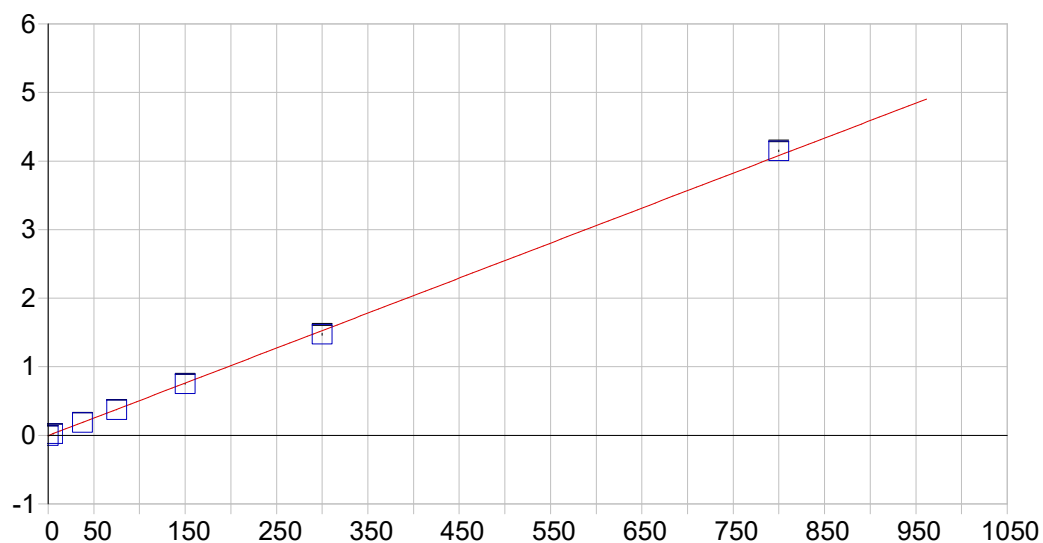


**Ag 328.068 {103}**

Date of Fit: 01/09/2022 13:17:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000949 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.209075  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999966  | Status:   | OK.      |
| Std Error of Est: | 0.000014  |           |          |
| Predicted MDL:    | 0.000615  |           |          |
| Predicted MQL:    | 0.002051  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00095 | .000    | 1        |
| S1        | .01000       | .00949      | -.001      | -5.09   | .00102  | .000    | 1        |
| S2        | .31250       | .30693      | -.006      | -1.78   | .06253  | .000    | 1        |
| S3        | .62500       | .61676      | -.008      | -1.32   | .12661  | .001    | 1        |
| S4        | 1.2500       | 1.2507      | .001       | .060    | .25777  | .001    | 1        |
| S5        | 2.5000       | 2.5136      | .014       | .543    | .51902  | .003    | 1        |

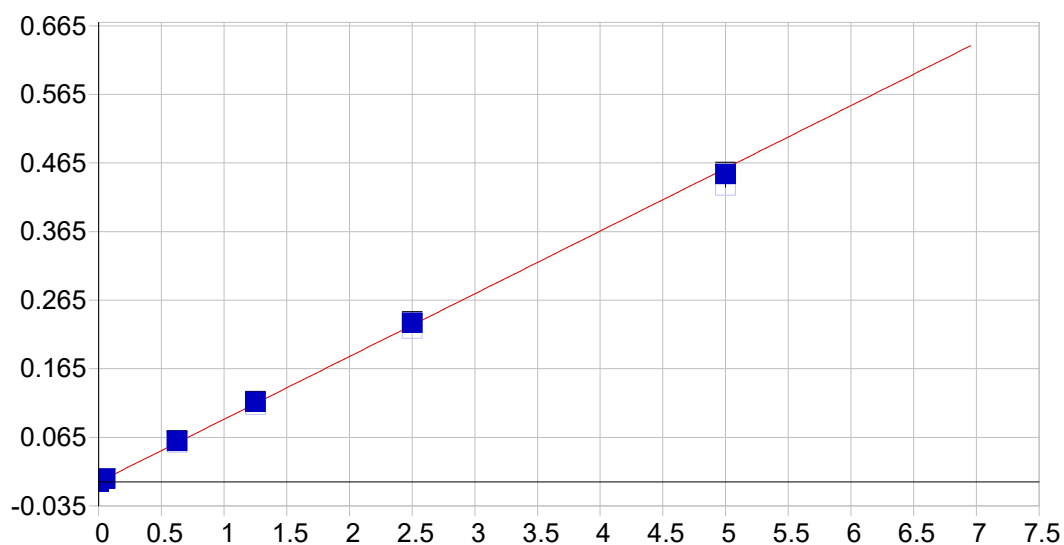


**Na 818.326 { 41}**

Date of Fit: 01/09/2022 13:17:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.003805 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.005104  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999767  | Status:   | OK.      |
| Std Error of Est: | 0.000341  |           |          |
| Predicted MDL:    | 0.335555  |           |          |
| Predicted MQL:    | 1.118518  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00009      | .000       | .000    | -.00380 | .001    | 1        |
| S1        | 5.0000       | 5.1494      | .149       | 2.99    | .02248  | .001    | 1        |
| S2        | 37.500       | 37.405      | -.095      | -.253   | .18711  | .001    | 1        |
| S3        | 75.000       | 74.018      | -.982      | -1.31   | .37398  | .002    | 1        |
| S4        | 150.00       | 148.02      | -1.98      | -1.32   | .75168  | .007    | 1        |
| S5        | 300.00       | 289.48      | -10.5      | -3.51   | 1.4737  | .013    | 1        |
| S6        | 800.00       | 813.43      | 13.4       | 1.68    | 4.1480  | .012    | 1        |

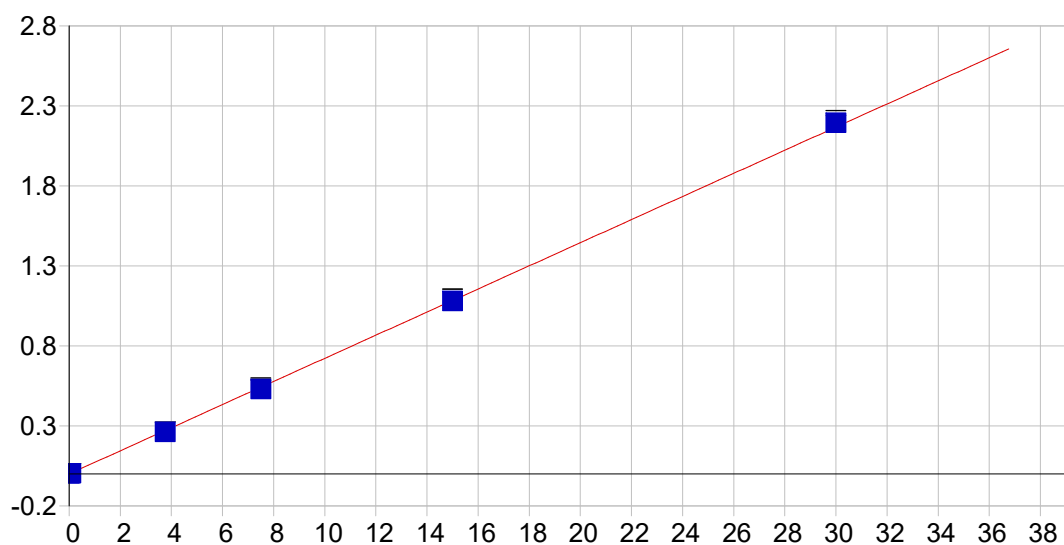


**V 292.402 {115}**

Date of Fit: 01/09/2022 13:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000120 Re-Slope: 1.000000  
 A1 (Gain): 0.091469 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999775 Status: OK.  
 Std Error of Est: 0.000050  
 Predicted MDL: 0.004245  
 Predicted MQL: 0.014149

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00012 | .000    | 1        |
| S1        | .05000       | .05121      | .001       | 2.42    | .00455  | .001    | 1        |
| S2        | .62500       | .65183      | .027       | 4.29    | .05740  | .001    | 1        |
| S3        | 1.2500       | 1.2772      | .027       | 2.18    | .11250  | .001    | 1        |
| S4        | 2.5000       | 2.5357      | .036       | 1.43    | .22340  | .002    | 1        |
| S5        | 5.0000       | 4.9090      | -.091      | -1.82   | .43207  | .003    | 1        |

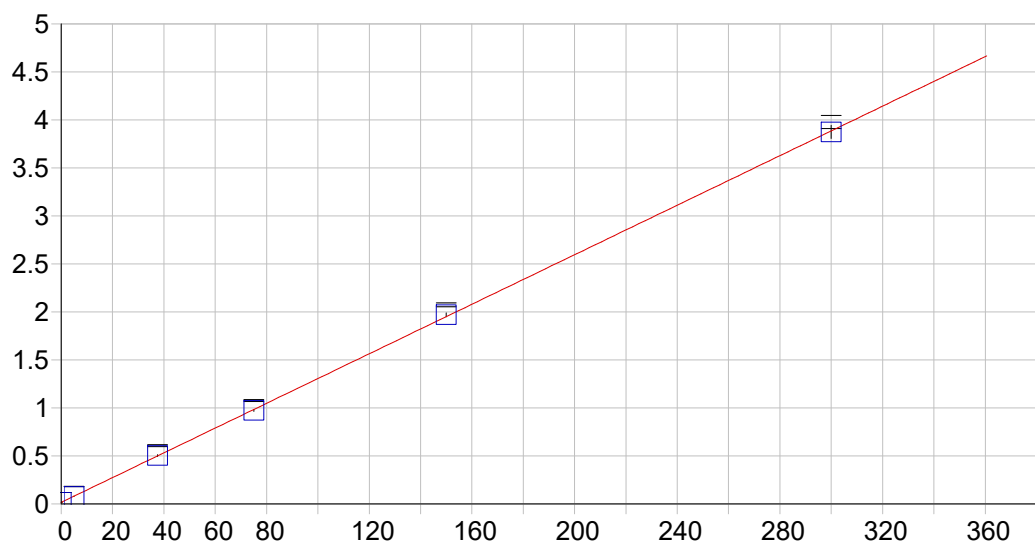


### Zn 213.856 {158}

Date of Fit: 01/09/2022 13:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000009 Re-Slope: 1.000000  
 A1 (Gain): 0.072252 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999853 Status: OK.  
 Std Error of Est: 0.000088  
 Predicted MDL: 0.009757  
 Predicted MQL: 0.032523

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | -.00001 | .000    | 1        |
| S1        | .06000       | .04381      | -.016      | -27.0   | .00317  | .001    | 1        |
| S2        | 3.7500       | 3.6321      | -.118      | -3.14   | .26263  | .002    | 1        |
| S3        | 7.5000       | 7.3232      | -.177      | -2.36   | .52953  | .008    | 1        |
| S4        | 15.000       | 14.957      | -.043      | -.287   | 1.0815  | .012    | 1        |
| S5        | 30.000       | 30.354      | .354       | 1.18    | 2.1948  | .014    | 1        |

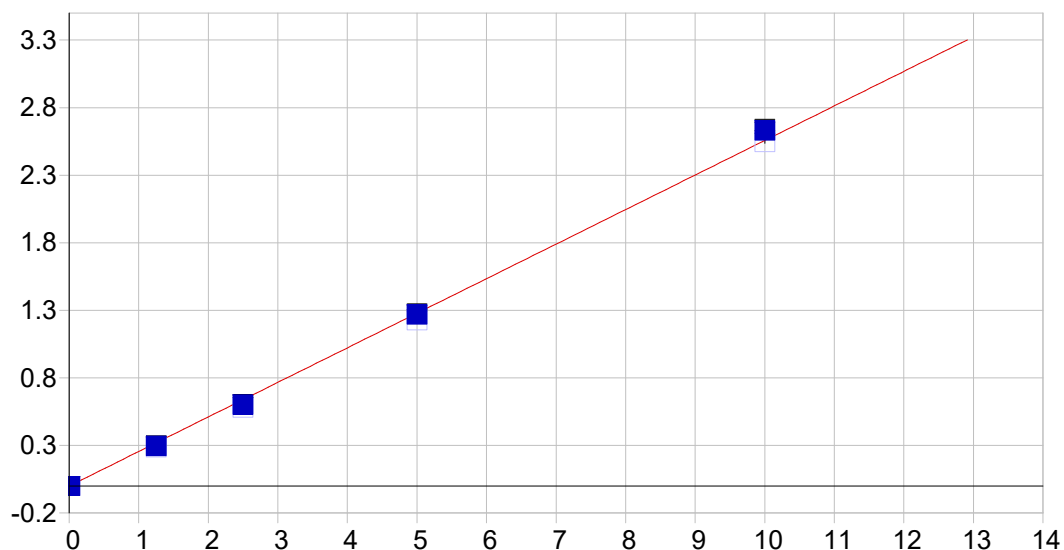


**K 769.896 { 44 }**

Date of Fit: 01/09/2022 13:17:51      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.015981 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.012898 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999966 | Status:   | OK.      |
| Std Error of Est: | 0.000219 |           |          |
| Predicted MDL:    | 0.112220 |           |          |
| Predicted MQL:    | 0.374066 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00017      | .000       | .000    | .01598 | .001    | 1        |
| S1        | 5.0000       | 4.8044      | -.196      | -3.91   | .07795 | .001    | 1        |
| S2        | 37.500       | 37.804      | .304       | .811    | .50358 | .010    | 1        |
| S3        | 75.000       | 74.163      | -.837      | -1.12   | .97255 | .010    | 1        |
| S4        | 150.00       | 151.58      | 1.58       | 1.05    | 1.9711 | .020    | 1        |
| S5        | 300.00       | 299.15      | -.850      | -.283   | 3.8745 | .067    | 1        |

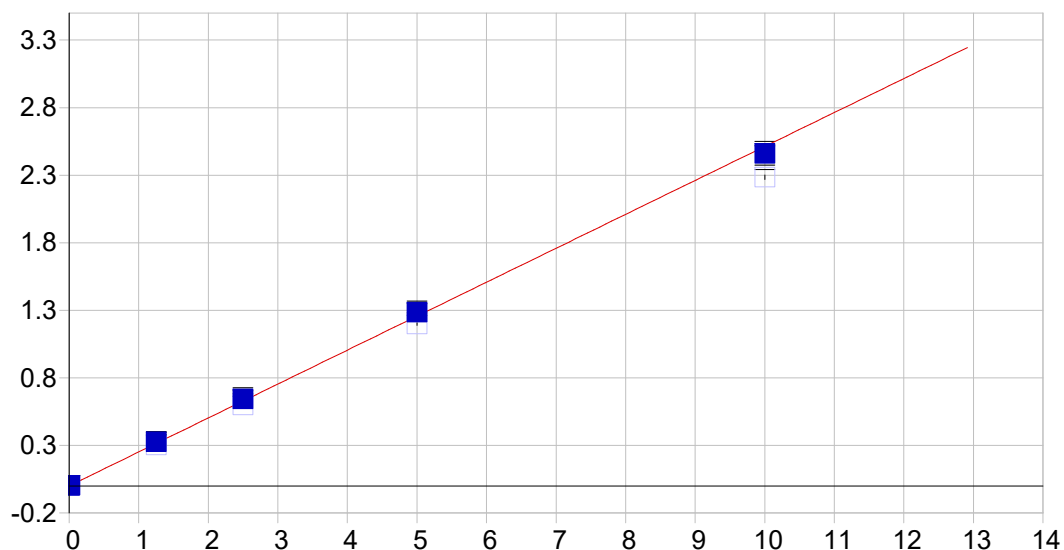


P 177.495 {490}

Date of Fit: 01/09/2022 13:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001097 Re-Slope: 1.000000  
 A1 (Gain): 0.255794 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999114 Status: OK.  
 Std Error of Est: 0.000175  
 Predicted MDL: 0.000541  
 Predicted MQL: 0.001803

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00109 | .000    | 1        |
| S1        | .01000       | .00142      | -.009      | -85.8   | -.00079 | .000    | 1        |
| S2        | 1.2500       | 1.1579      | -.092      | -7.37   | .28451  | .001    | 1        |
| S3        | 2.5000       | 2.3535      | -.146      | -5.86   | .57977  | .001    | 1        |
| S4        | 5.0000       | 4.9625      | -.037      | -.749   | 1.2260  | .006    | 1        |
| S5        | 10.000       | 10.285      | .285       | 2.85    | 2.5451  | .010    | 1        |



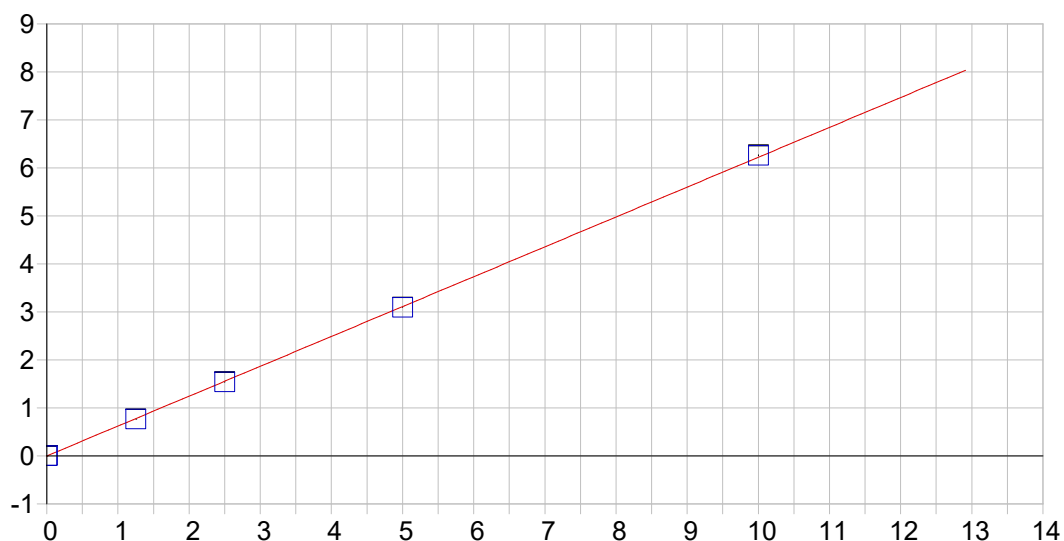
**B 249.678 {135}**

Date of Fit: 01/09/2022 13:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000247 Re-Slope: 1.000000  
 A1 (Gain): 0.251229 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999703 Status: OK.  
 Std Error of Est: 0.000096  
 Predicted MDL: 0.001449  
 Predicted MQL: 0.004829

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00025 | .000    | 1        |
| S1        | .01000       | .01008      | .000       | .785    | .00275 | .000    | 1        |
| S2        | 1.2500       | 1.2933      | .043       | 3.47    | .30332 | .004    | 1        |
| S3        | 2.5000       | 2.5555      | .055       | 2.22    | .59857 | .010    | 1        |
| S4        | 5.0000       | 5.1117      | .112       | 2.23    | 1.1971 | .009    | 1        |
| S5        | 10.000       | 9.7894      | -.211      | -2.11   | 2.2849 | .016    | 1        |



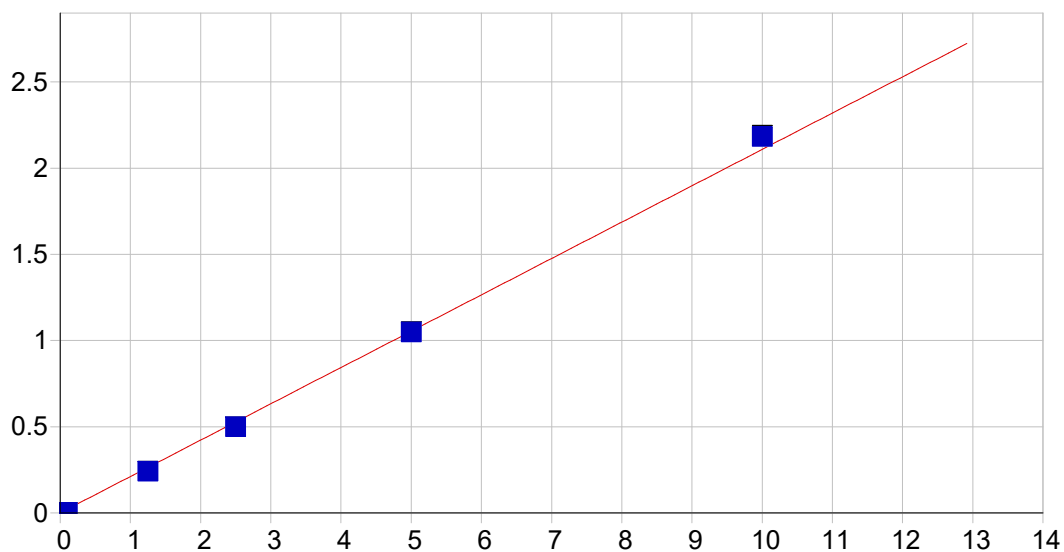


Mo 202.030 {467}

Date of Fit: 01/09/2022 13:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000104 Re-Slope: 1.000000  
 A1 (Gain): 0.622205 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999973 Status: OK.  
 Std Error of Est: 0.000077  
 Predicted MDL: 0.000525  
 Predicted MQL: 0.001752

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00010 | .000    | 1        |
| S1        | .01000       | .00997      | -.000      | -.289   | .00631 | .000    | 1        |
| S2        | 1.2500       | 1.2339      | -.016      | -1.28   | .76787 | .002    | 1        |
| S3        | 2.5000       | 2.4736      | -.026      | -1.06   | 1.5392 | .005    | 1        |
| S4        | 5.0000       | 4.9766      | -.023      | -.468   | 3.0966 | .004    | 1        |
| S5        | 10.000       | 10.066      | .066       | .660    | 6.2632 | .008    | 1        |

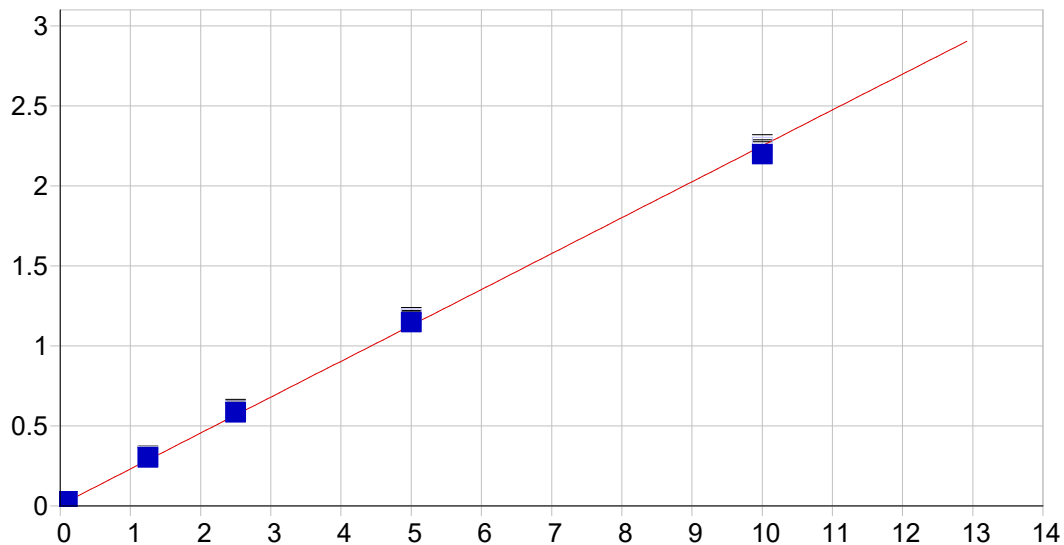


**S 182.034 {485}**

Date of Fit: 01/09/2022 13:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000321 Re-Slope: 1.000000  
 A1 (Gain): 0.210836 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.996980 Status: OK.  
 Std Error of Est: 0.000873  
 Predicted MDL: 0.000766  
 Predicted MQL: 0.002553

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00010      | .000       | .000    | .00034 | .000    | 1        |
| S1        | .10000       | .00793      | -.092      | -92.1   | .00199 | .000    | 1        |
| S2        | 1.2500       | 1.1418      | -.108      | -8.65   | .24103 | .001    | 1        |
| S3        | 2.5000       | 2.3654      | -.135      | -5.38   | .49897 | .001    | 1        |
| S4        | 5.0000       | 4.9776      | -.022      | -.448   | 1.0497 | .004    | 1        |
| S5        | 10.000       | 10.357      | .357       | 3.57    | 2.1837 | .006    | 1        |

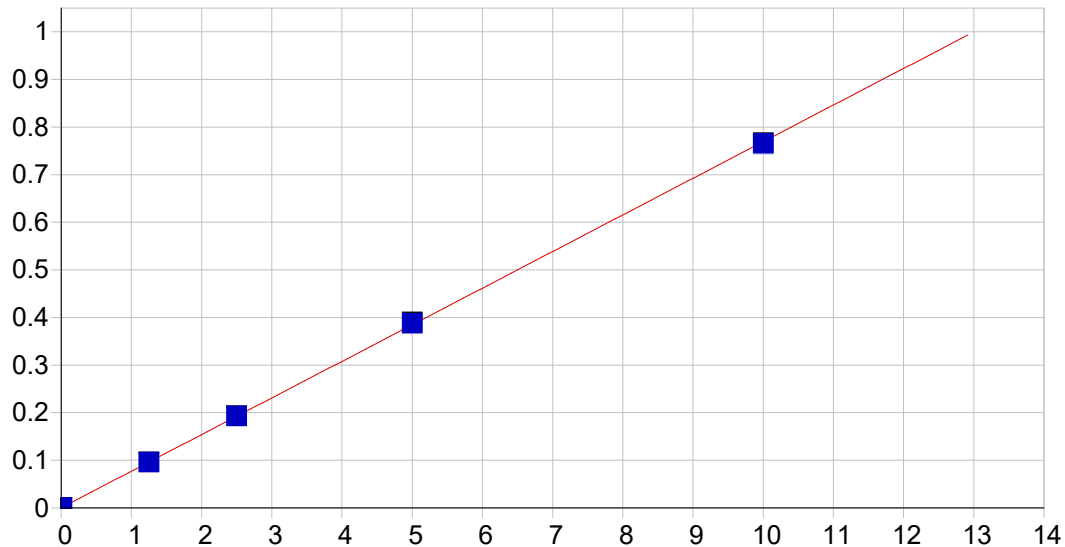


Si 251.611 {134}

Date of Fit: 01/09/2022 13:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006322 Re-Slope: 1.000000  
 A1 (Gain): 0.224371 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999667 Status: OK.  
 Std Error of Est: 0.000314  
 Predicted MDL: 0.001669  
 Predicted MQL: 0.005563

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00632 | .000    | 1        |
| S1        | .10000       | .10119      | .001       | 1.19    | .02927 | .000    | 1        |
| S2        | 1.2500       | 1.3206      | .071       | 5.65    | .30810 | .005    | 1        |
| S3        | 2.5000       | 2.5739      | .074       | 2.96    | .59478 | .009    | 1        |
| S4        | 5.0000       | 5.0861      | .086       | 1.72    | 1.1694 | .009    | 1        |
| S5        | 10.000       | 9.7681      | -.232      | -2.32   | 2.2418 | .015    | 1        |

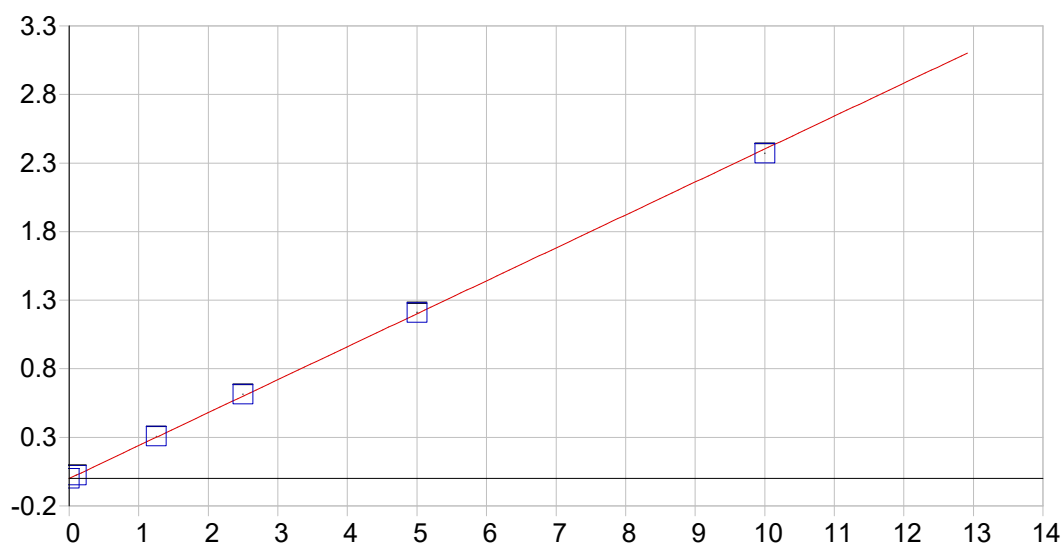


**Sn 189.989 {478}**

Date of Fit: 01/09/2022 13:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000182 Re-Slope: 1.000000  
 A1 (Gain): 0.076908 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999977 Status: OK.  
 Std Error of Est: 0.000007  
 Predicted MDL: 0.002059  
 Predicted MQL: 0.006862

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00018 | .000    | 1        |
| S1        | .00700       | .00583      | -.001      | -16.8   | .00061 | .000    | 1        |
| S2        | 1.2500       | 1.2441      | -.006      | -.474   | .09560 | .000    | 1        |
| S3        | 2.5000       | 2.5098      | .010       | .393    | .19268 | .001    | 1        |
| S4        | 5.0000       | 5.0442      | .044       | .884    | .38708 | .002    | 1        |
| S5        | 10.000       | 9.9530      | -.047      | -.470   | .76356 | .001    | 1        |

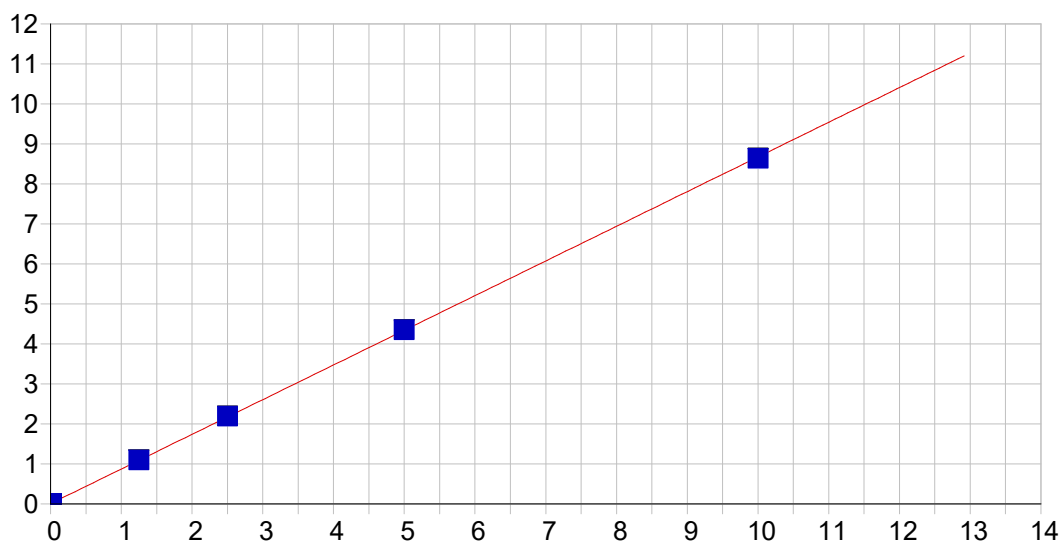


**Ti 336.121 {100}**

Date of Fit: 01/09/2022 13:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000157 Re-Slope: 1.000000  
 A1 (Gain): 0.240210 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999884 Status: OK.  
 Std Error of Est: 0.000195  
 Predicted MDL: 0.002175  
 Predicted MQL: 0.007250

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00016 | .000    | 1        |
| S1        | .10000       | .10400      | .004       | 4.00    | .02483  | .000    | 1        |
| S2        | 1.2500       | 1.2842      | .034       | 2.73    | .30832  | .001    | 1        |
| S3        | 2.5000       | 2.5580      | .058       | 2.32    | .61431  | .002    | 1        |
| S4        | 5.0000       | 5.0344      | .034       | .687    | 1.2091  | .005    | 1        |
| S5        | 10.000       | 9.8694      | -.131      | -1.31   | 2.3706  | .003    | 1        |

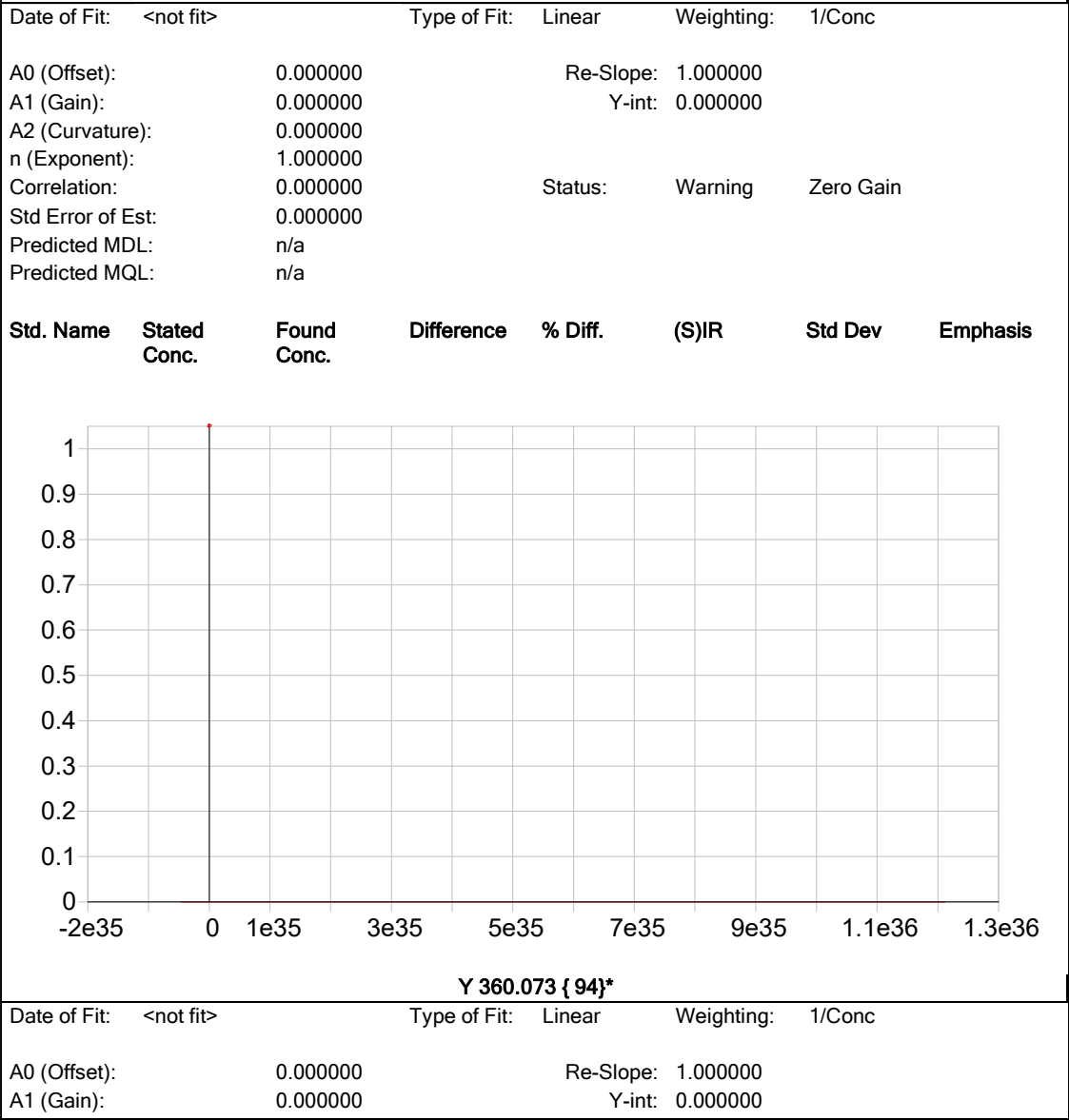
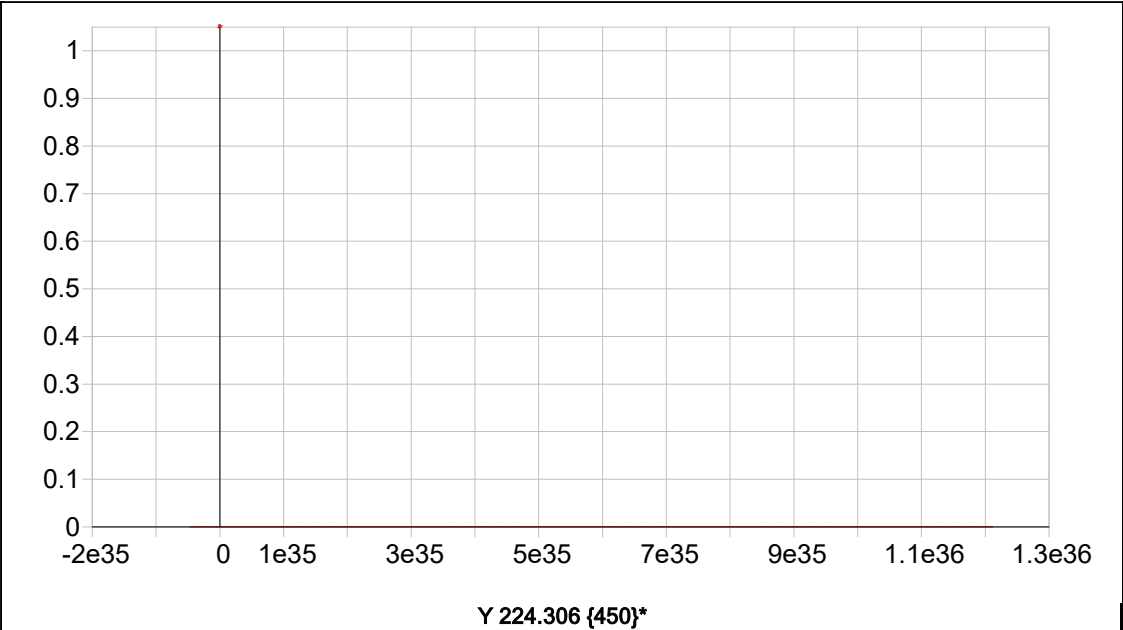


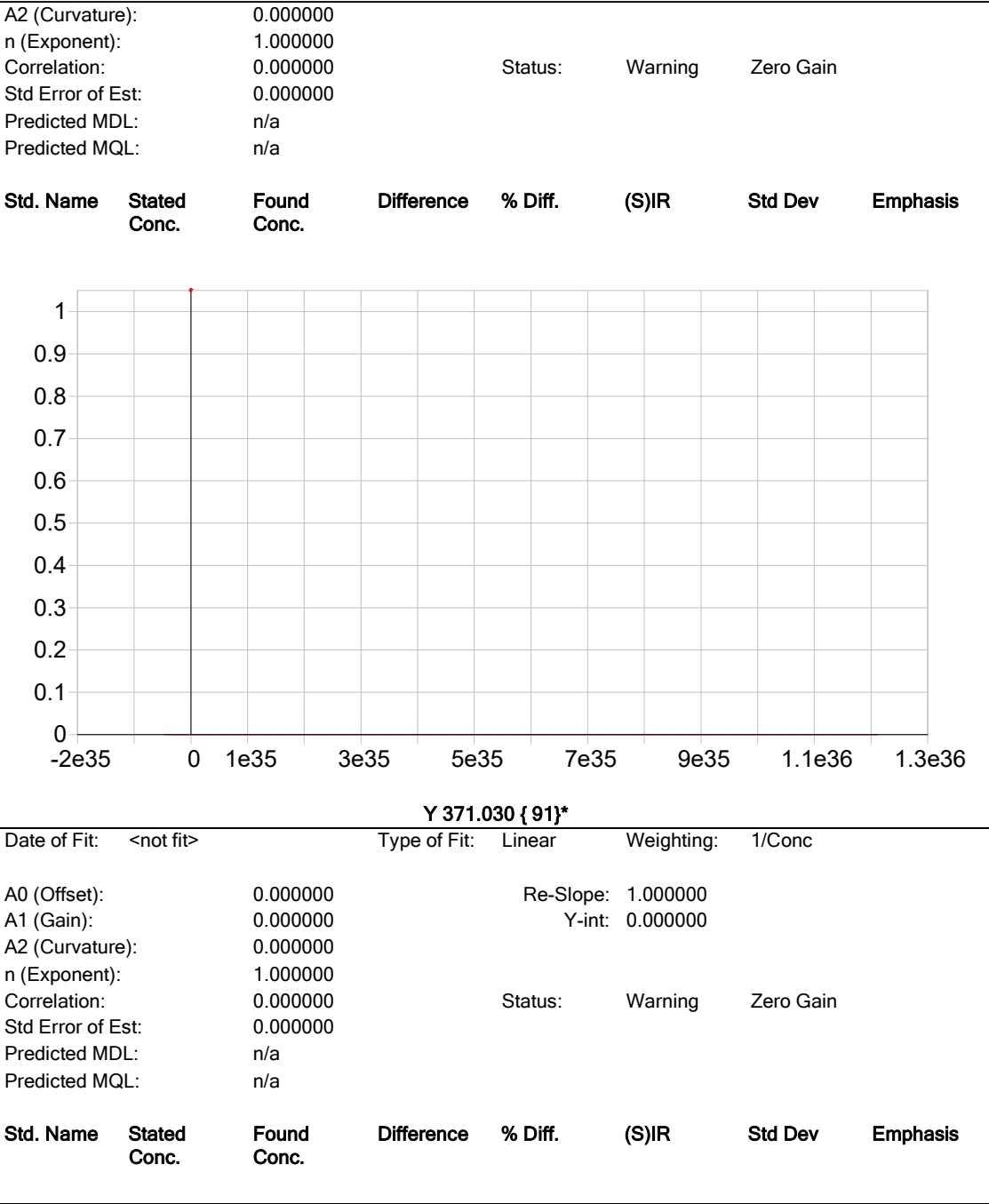
Li 670.784 { 50}

Date of Fit: 01/09/2022 13:17:51 Type of Fit: Linear Weighting: 1/Conc

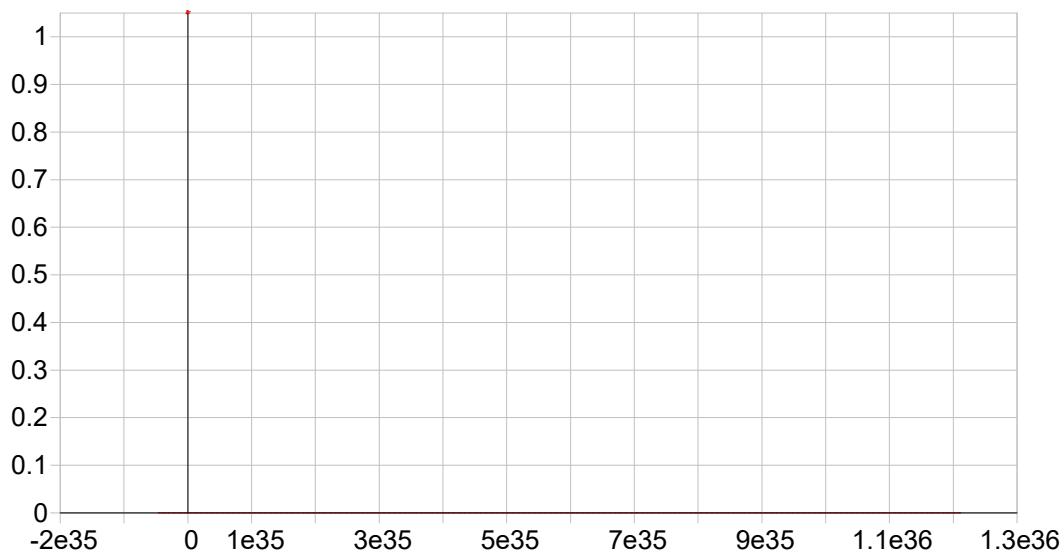
A0 (Offset): 0.005845 Re-Slope: 1.000000  
 A1 (Gain): 0.866827 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999987 Status: OK.  
 Std Error of Est: 0.000092  
 Predicted MDL: 0.002118  
 Predicted MQL: 0.007059

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00585 | .001    | 1        |
| S5        | 10.000       | 9.9573      | -.043      | -.427   | 8.6278 | .008    | 1        |
| S4        | 5.0000       | 5.0101      | .010       | .202    | 4.3441 | .013    | 1        |
| S3        | 2.5000       | 2.5209      | .021       | .835    | 2.1887 | .006    | 1        |
| S2        | 1.2500       | 1.2620      | .012       | .959    | 1.0986 | .005    | 1        |
| S1        | .01500       | .01470      | -.000      | -2.02   | .01851 | .001    | 1        |









**Y 224.306 {150}\***

|              |           |
|--------------|-----------|
| Date of Fit: | <not fit> |
|--------------|-----------|

Type of Fit: Linear

---

Weighting: 1/Conc

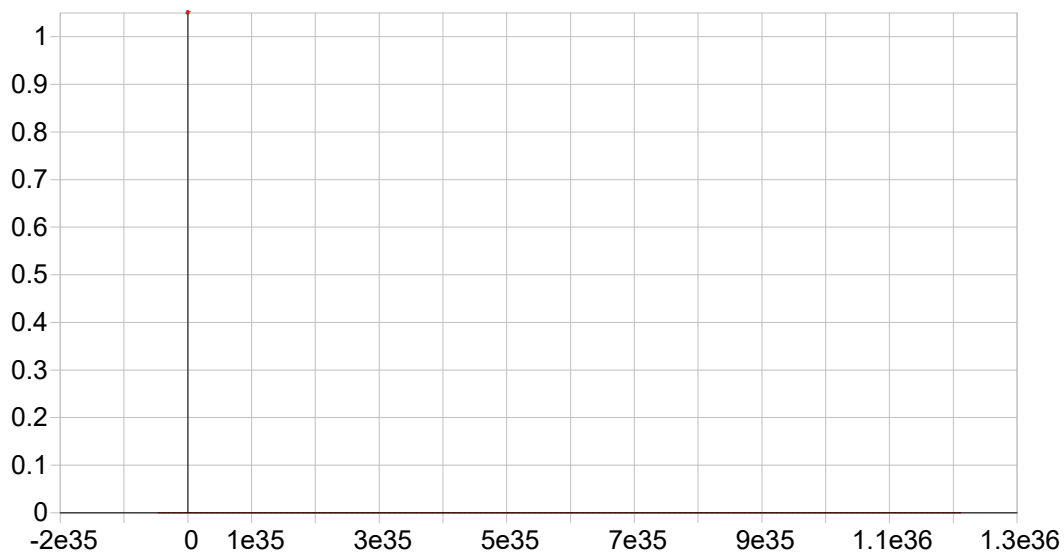
|                   |          |
|-------------------|----------|
| A0 (Offset):      | 0.000000 |
| A1 (Gain):        | 0.000000 |
| A2 (Curvature):   | 0.000000 |
| n (Exponent):     | 1.000000 |
| Correlation:      | 0.000000 |
| Std Error of Est: | 0.000000 |
| Predicted MDL:    | n/a      |
| Predicted MQL:    | n/a      |

Re-Slope: 1.000000

Y-int: 0.000000

Status:      Warning      Zero Gain

| 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 |
| A1 (Gain):   | 0.000000 |

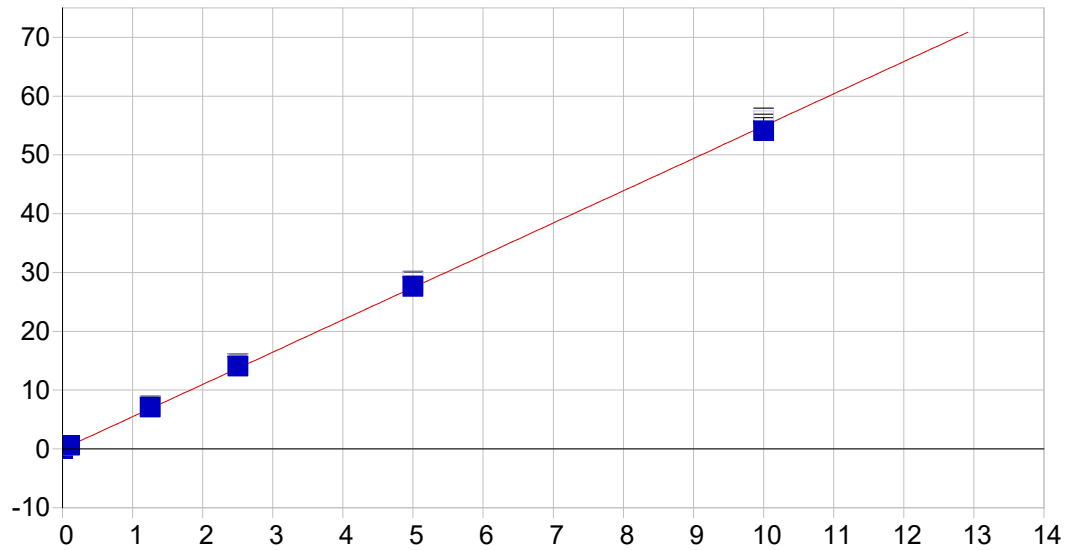
Re-Slope: 1.000000

Y-int: 0.000000

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

Status: Warning Zero Gain

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



Sr 407.771 { 83}

Date of Fit: 01/09/2022 13:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000725 Re-Slope: 1.000000  
 A1 (Gain): 5.488467 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999865 Status: OK.  
 Std Error of Est: 0.004937  
 Predicted MDL: 0.000148  
 Predicted MQL: 0.000495

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00066 | .001    | 1        |
| S1        | .10000       | .10682      | .007       | 6.82    | .58753 | .001    | 1        |
| S2        | 1.2500       | 1.2890      | .039       | 3.12    | 7.2811 | .004    | 1        |
| S3        | 2.5000       | 2.5638      | .064       | 2.55    | 14.484 | .022    | 1        |
| S4        | 5.0000       | 5.0291      | .029       | .582    | 28.426 | .085    | 1        |
| S5        | 10.000       | 9.8615      | -.139      | -1.39   | 55.772 | .529    | 1        |