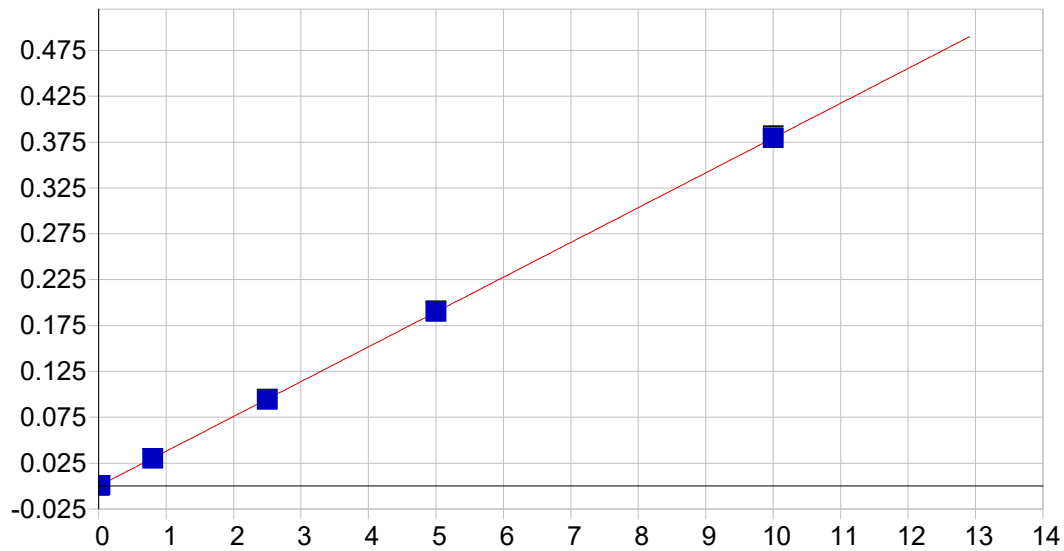




As 189.042 {479}

Date of Fit: 7/11/2025 3:09:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.037944

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999995

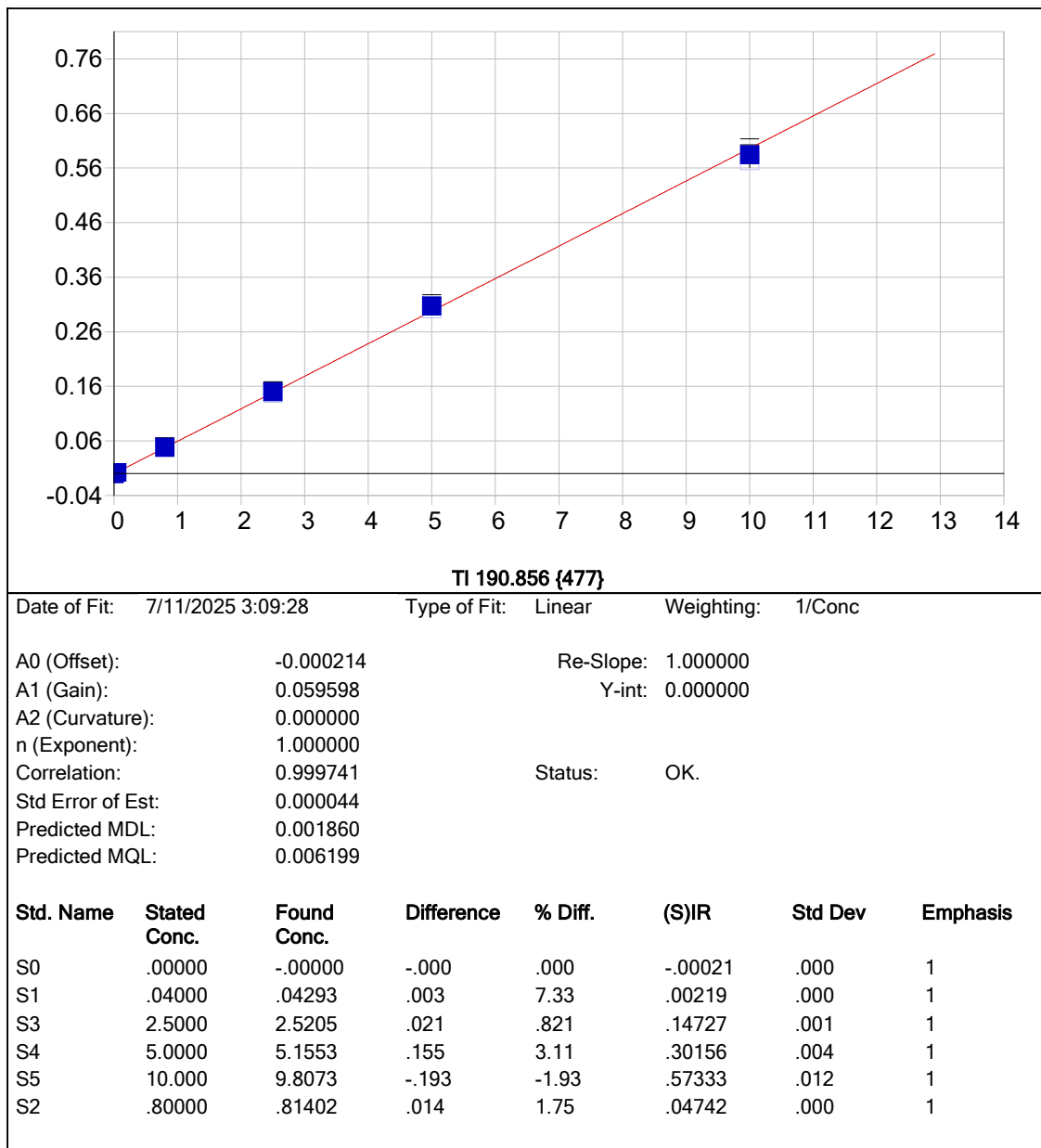
Status: OK.

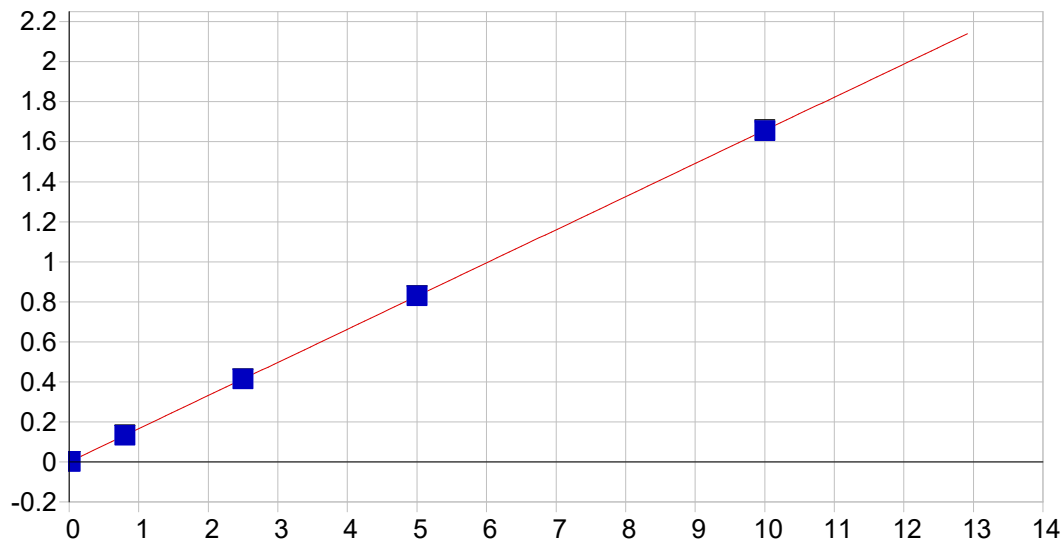
Std Error of Est: 0.000003

Predicted MDL: 0.002572

Predicted MQL: 0.008574

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00000 | .000    | 1        |
| S1        | .02000       | .01997      | -.000      | -.134   | .00075 | .000    | 1        |
| S3        | 2.5000       | 2.4865      | -.014      | -.540   | .09425 | .000    | 1        |
| S4        | 5.0000       | 5.0133      | .013       | .265    | .19002 | .001    | 1        |
| S5        | 10.000       | 10.008      | .008       | .077    | .37933 | .002    | 1        |
| S2        | .80000       | .79259      | -.007      | -.926   | .03004 | .000    | 1        |



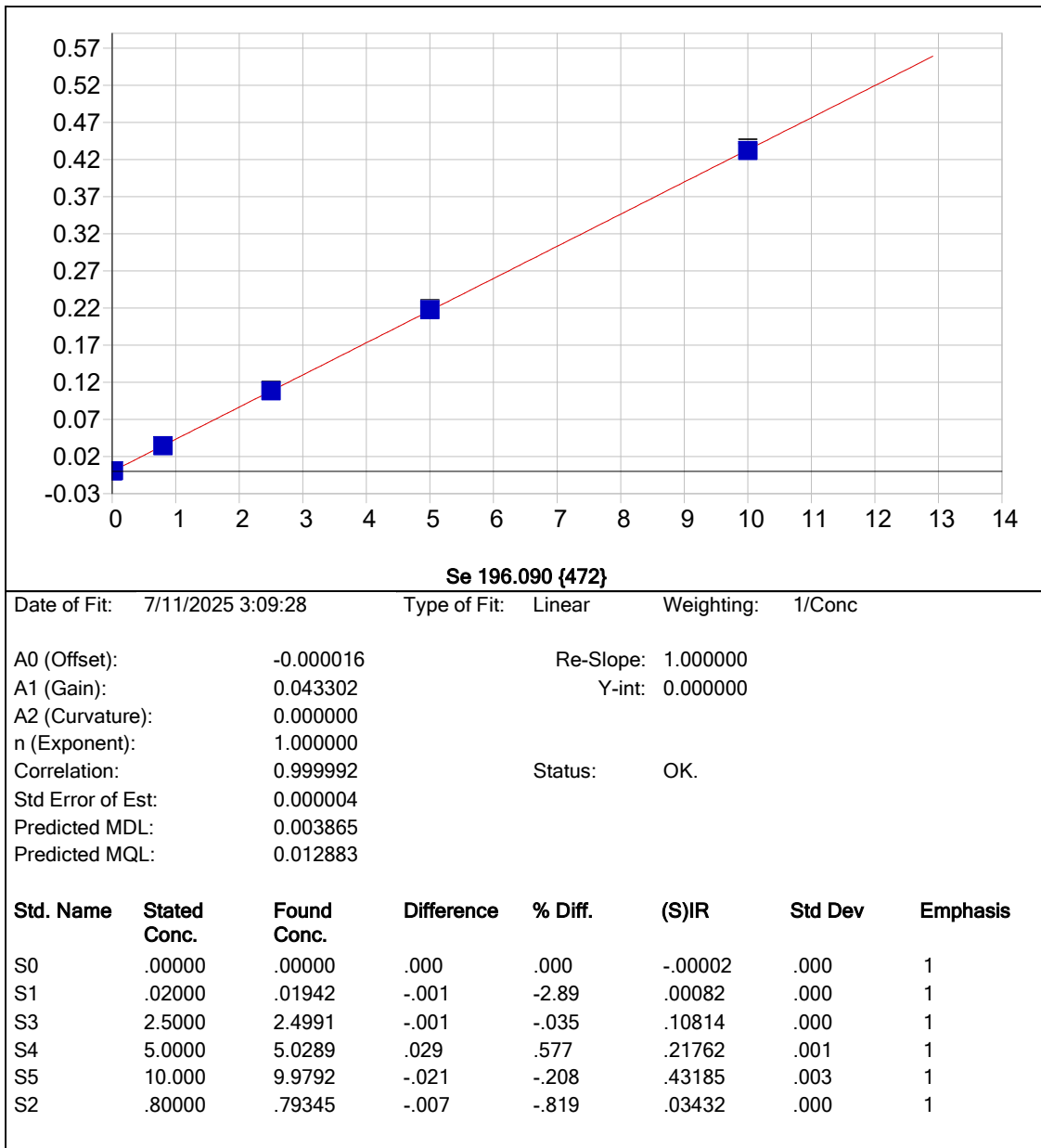


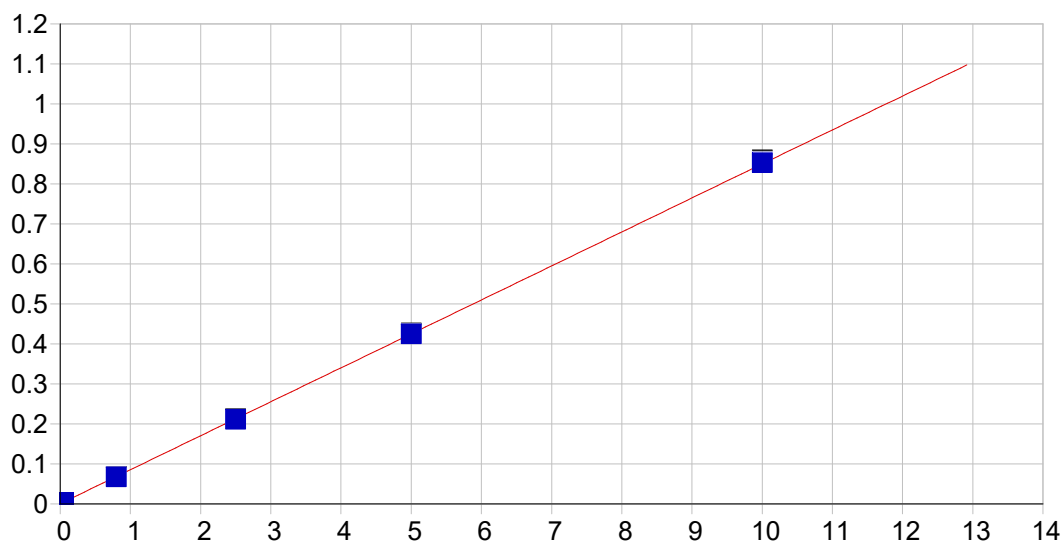
**Pb 220.353 {453}**

Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000233 Re-Slope: 1.000000  
A1 (Gain): 0.165672 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999997 Status: OK.  
Std Error of Est: 0.000007  
Predicted MDL: 0.001354  
Predicted MQL: 0.004514

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00023 | .000    | 1        |
| S1        | .01200       | .01111      | -.001      | -7.40   | .00204 | .000    | 1        |
| S3        | 2.5000       | 2.5003      | .000       | .010    | .41403 | .001    | 1        |
| S4        | 5.0000       | 5.0070      | .007       | .140    | .82889 | .002    | 1        |
| S5        | 10.000       | 9.9901      | -.010      | -.099   | 1.6536 | .005    | 1        |
| S2        | .80000       | .80358      | .004       | .448    | .13323 | .001    | 1        |



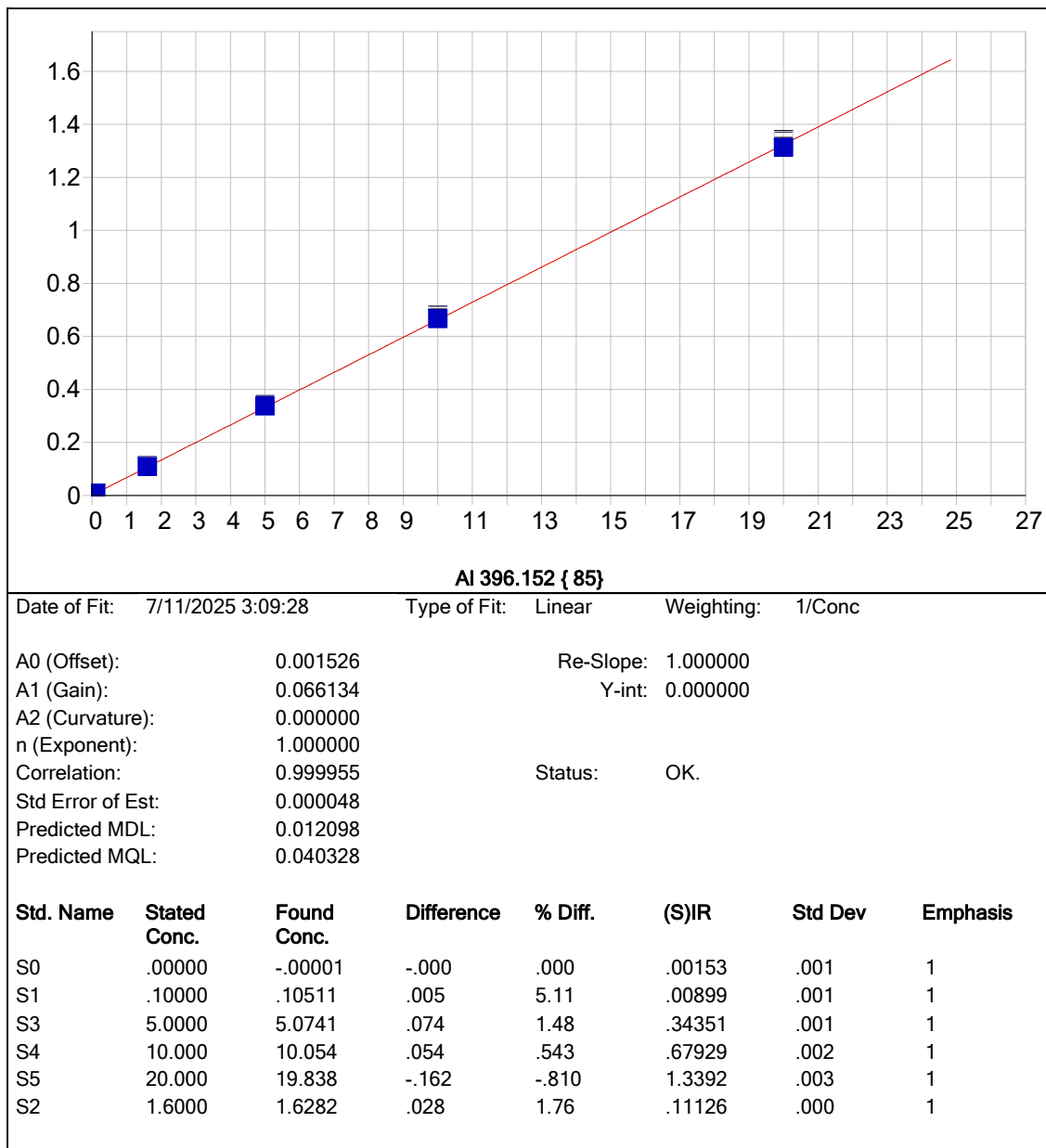


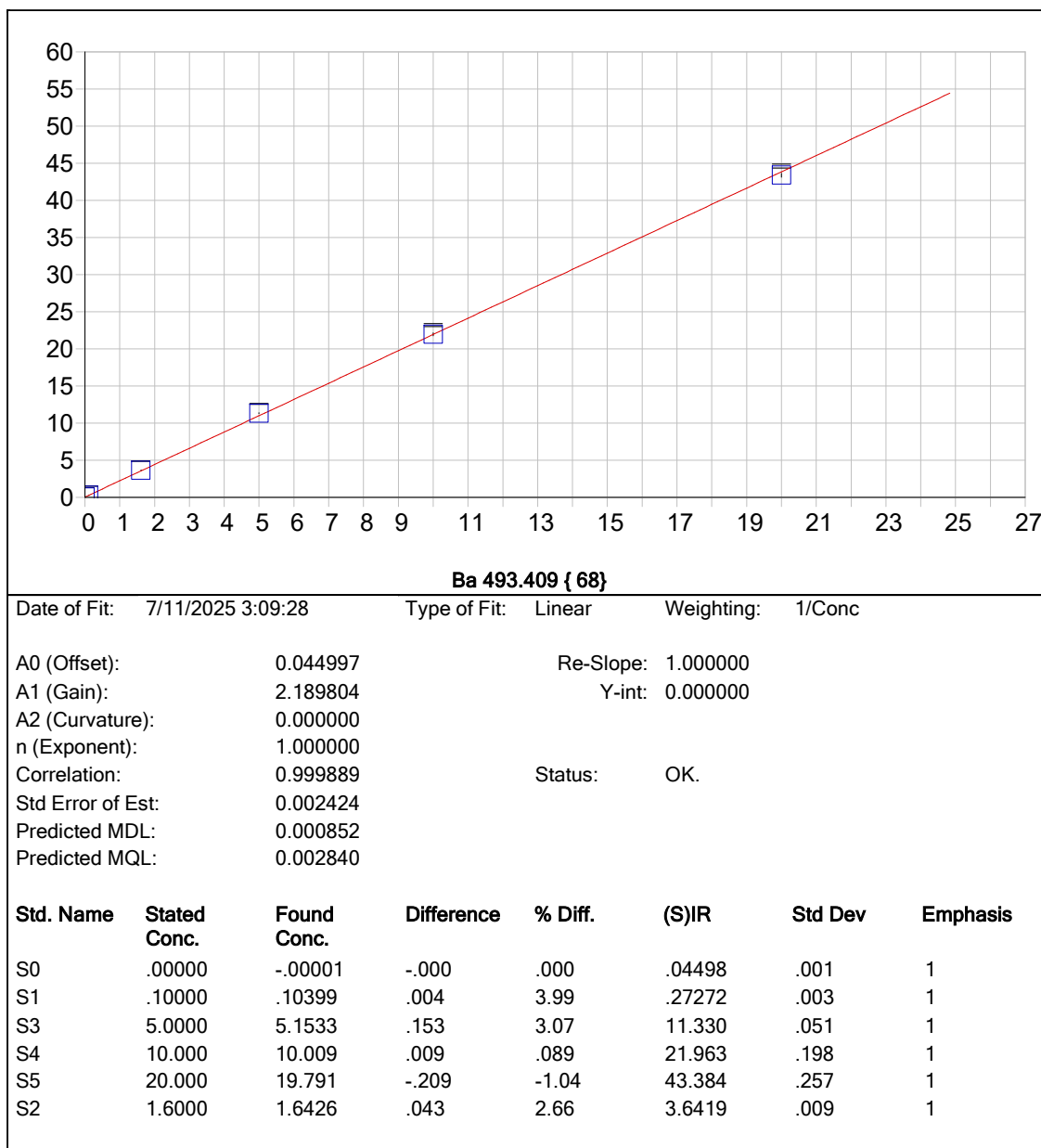
**Sb 206.833 {463}**

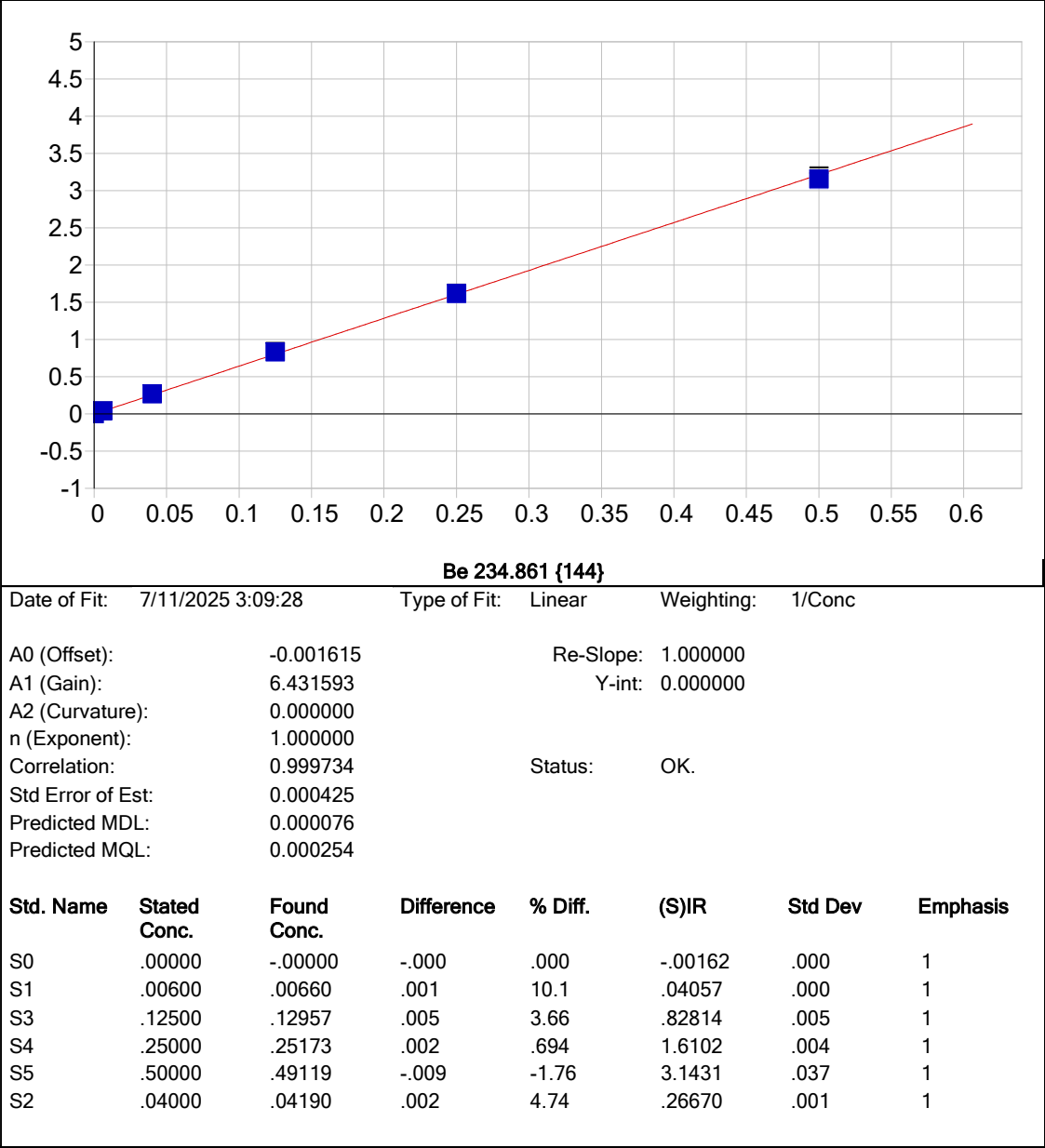
Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

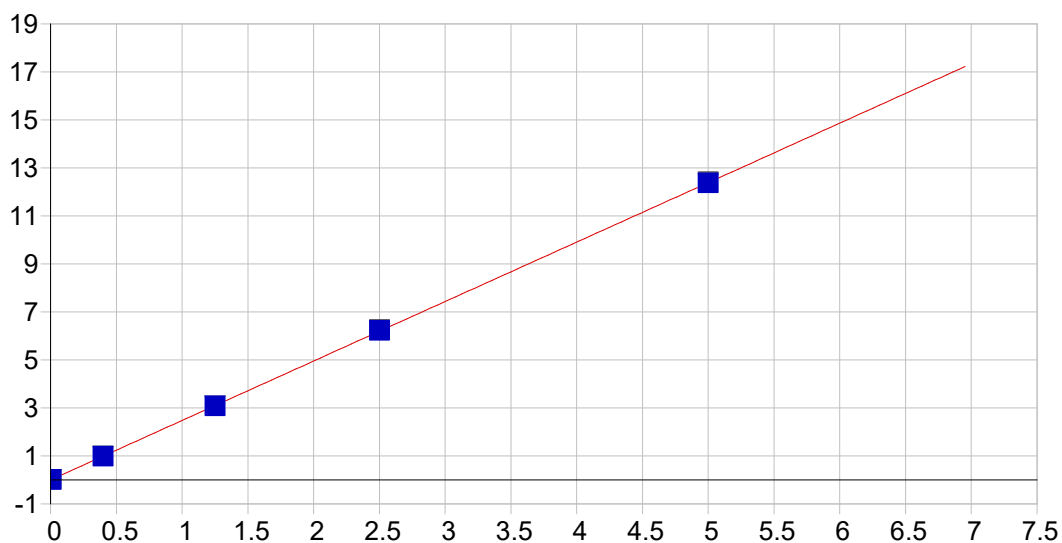
A0 (Offset): 0.000436 Re-Slope: 1.000000  
A1 (Gain): 0.084937 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999990 Status: OK.  
Std Error of Est: 0.000014  
Predicted MDL: 0.001930  
Predicted MQL: 0.006434

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00044 | .000    | 1        |
| S1        | .05000       | .05014      | .000       | .283    | .00470 | .000    | 1        |
| S3        | 2.5000       | 2.4847      | -.015      | -.612   | .21206 | .001    | 1        |
| S4        | 5.0000       | 4.9945      | -.005      | -.110   | .42581 | .002    | 1        |
| S5        | 10.000       | 10.032      | .032       | .319    | .85482 | .005    | 1        |
| S2        | .80000       | .78874      | -.011      | -1.41   | .06761 | .000    | 1        |







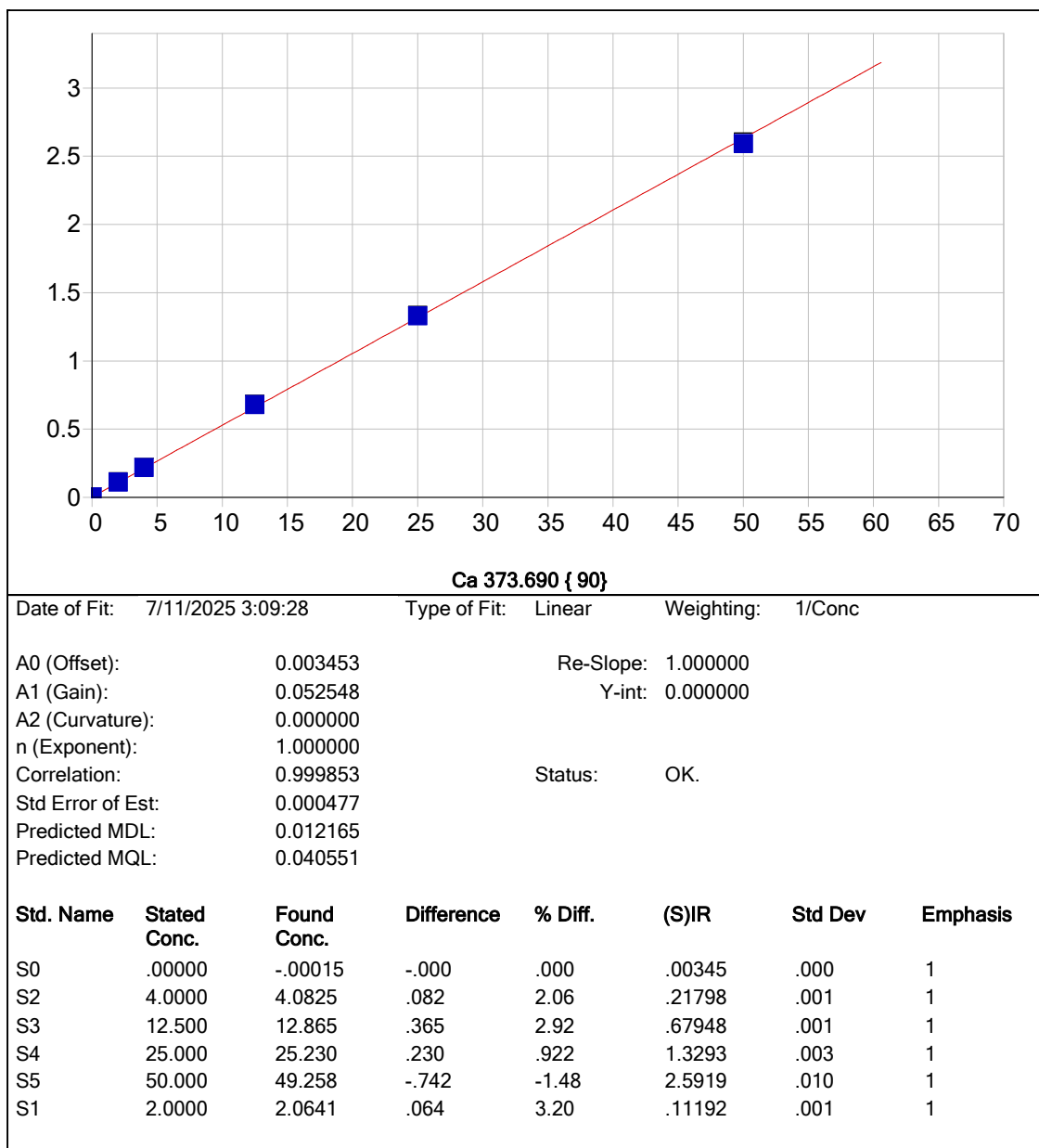


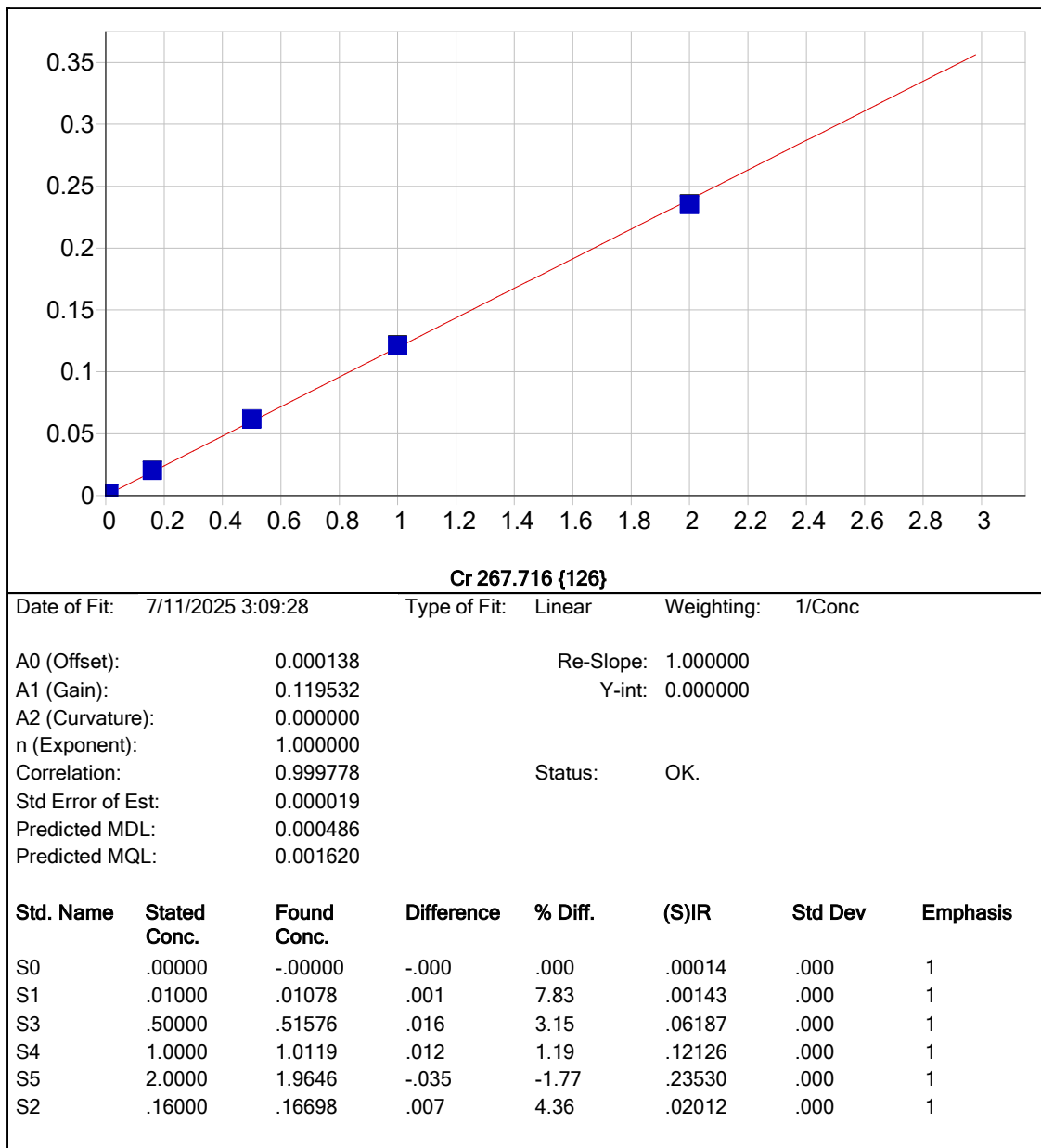
**Cd 226.502 {449}**

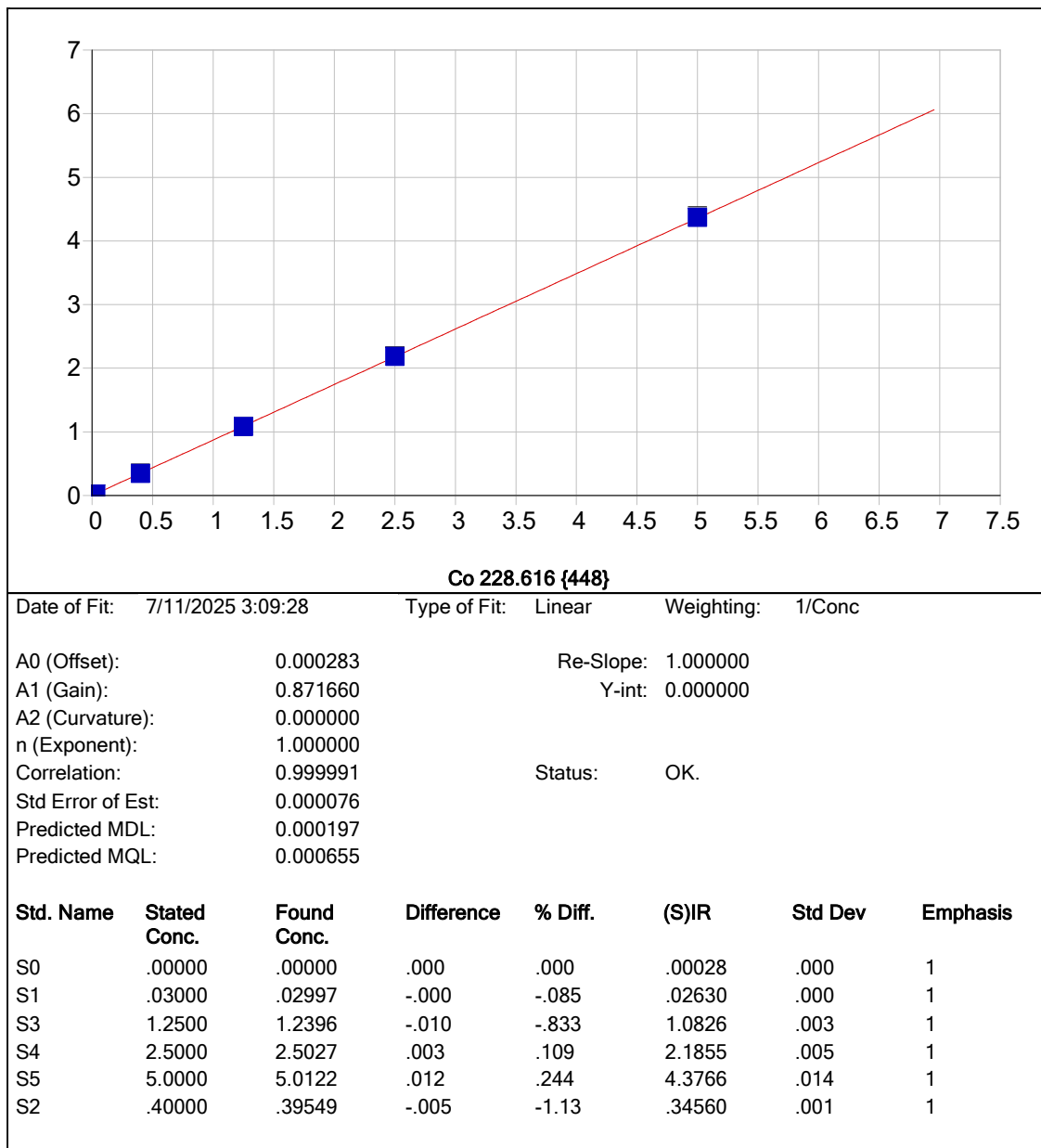
Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

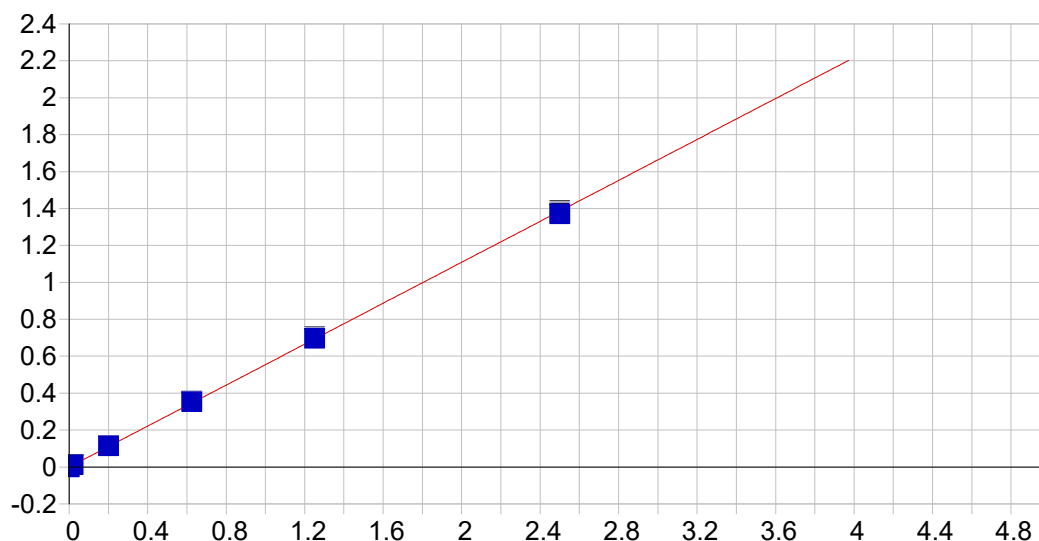
A0 (Offset): -0.000534 Re-Slope: 1.000000  
A1 (Gain): 2.477489 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999991 Status: OK.  
Std Error of Est: 0.000095  
Predicted MDL: 0.000078  
Predicted MQL: 0.000259

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00053 | .000    | 1        |
| S1        | .00600       | .00602      | .000       | .288    | .01443  | .000    | 1        |
| S3        | 1.2500       | 1.2453      | -.005      | -.374   | 3.0869  | .008    | 1        |
| S4        | 2.5000       | 2.5160      | .016       | .641    | 6.2372  | .012    | 1        |
| S5        | 5.0000       | 4.9923      | -.008      | -.155   | 12.376  | .038    | 1        |
| S2        | .40000       | .39638      | -.004      | -.905   | .98218  | .002    | 1        |







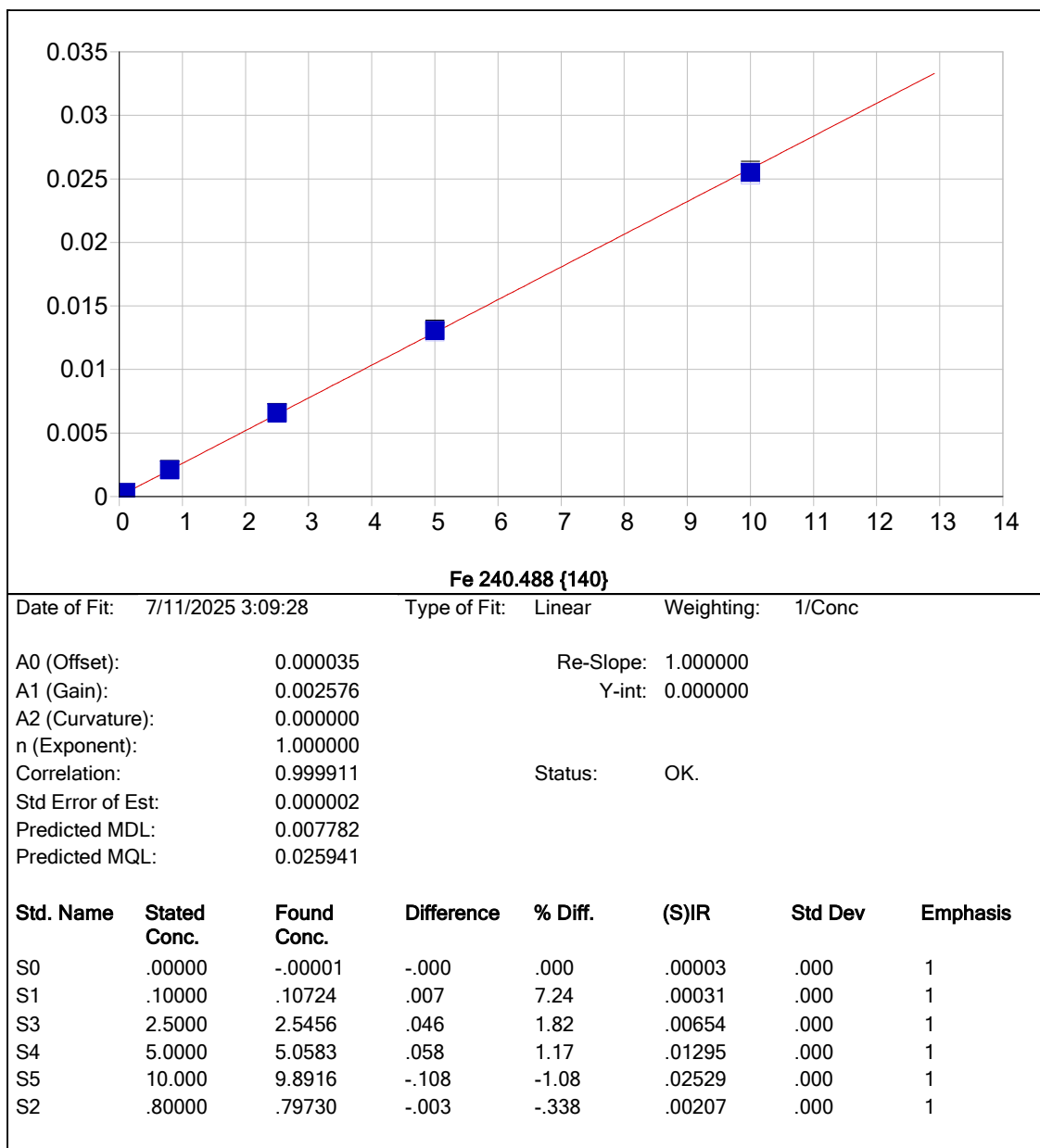


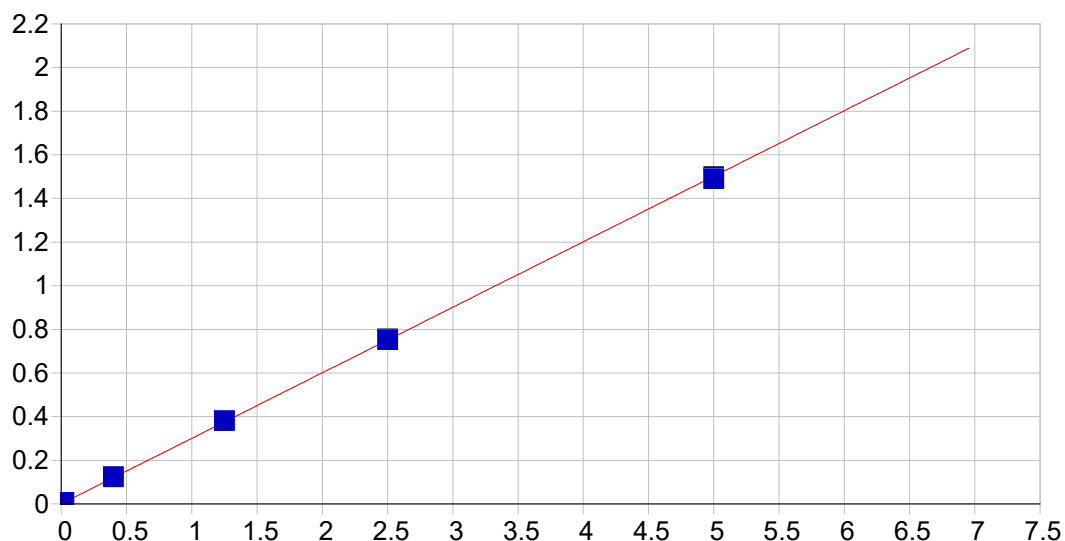
**Cu 224.700 {450}**

Date of Fit: 7/11/2025 3:09:28      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000254 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.554488  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999883  | Status:   | OK.      |
| Std Error of Est: | 0.000100  |           |          |
| Predicted MDL:    | 0.000447  |           |          |
| Predicted MQL:    | 0.001491  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00026 | .000    | 1        |
| S1        | .02000       | .02207      | .002       | 10.4    | .01211  | .000    | 1        |
| S3        | .62500       | .63786      | .013       | 2.06    | .35632  | .001    | 1        |
| S4        | 1.2500       | 1.2568      | .007       | .546    | .70242  | .002    | 1        |
| S5        | 2.5000       | 2.4712      | -.029      | -1.15   | 1.3816  | .006    | 1        |
| S2        | .20000       | .20700      | .007       | 3.50    | .11545  | .001    | 1        |



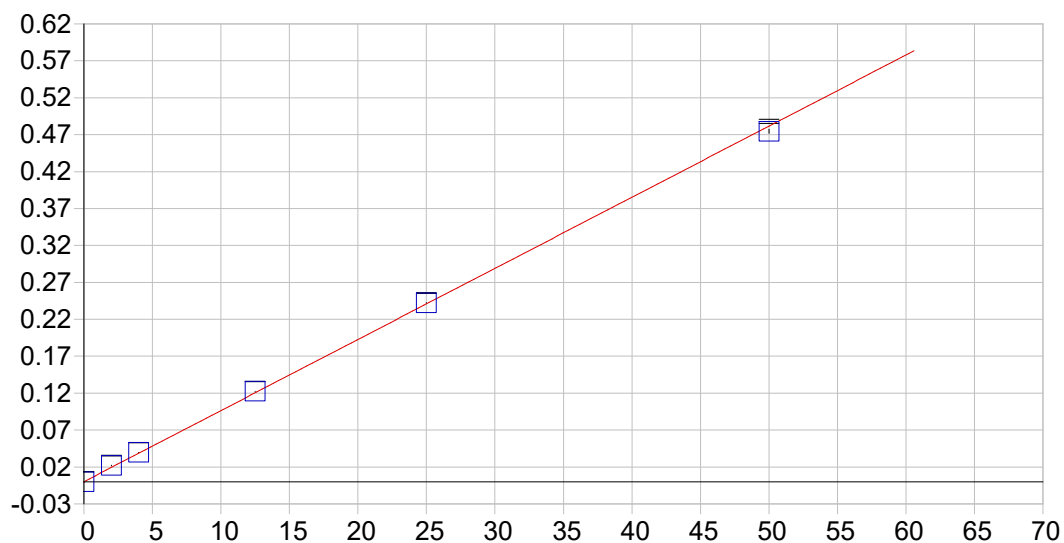


**Mn 257.610 {131}**

Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000254 Re-Slope: 1.000000  
A1 (Gain): 0.300351 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999946 Status: OK.  
Std Error of Est: 0.000052  
Predicted MDL: 0.000706  
Predicted MQL: 0.002354

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00025 | .000    | 1        |
| S1        | .02000       | .02180      | .002       | 9.00    | .00680 | .000    | 1        |
| S3        | 1.2500       | 1.2710      | .021       | 1.68    | .38207 | .001    | 1        |
| S4        | 2.5000       | 2.5058      | .006       | .234    | .75304 | .002    | 1        |
| S5        | 5.0000       | 4.9629      | -.037      | -.742   | 1.4912 | .007    | 1        |
| S2        | .40000       | .40848      | .008       | 2.12    | .12297 | .000    | 1        |

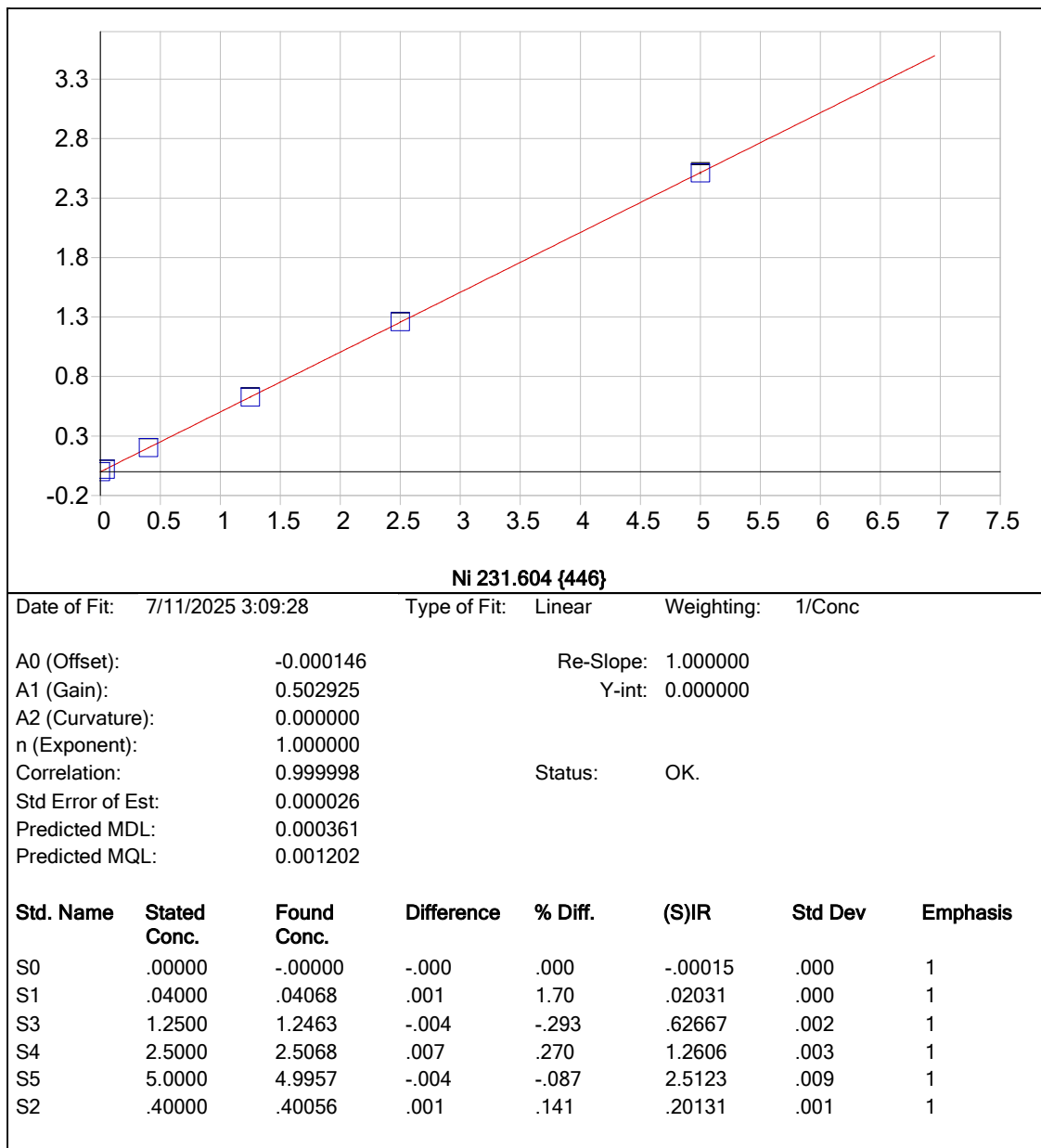


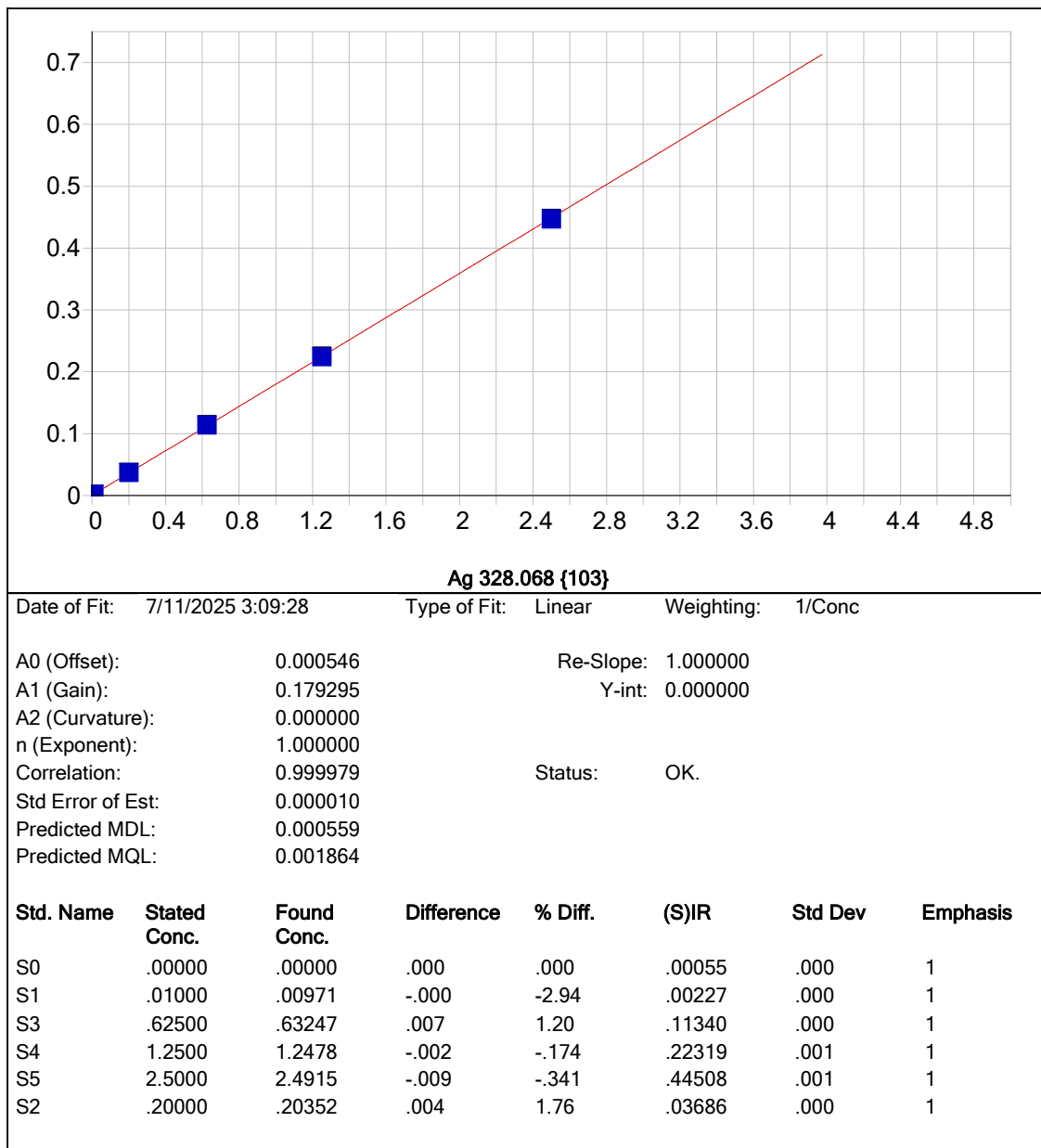
**Mg 279.079 {121}**

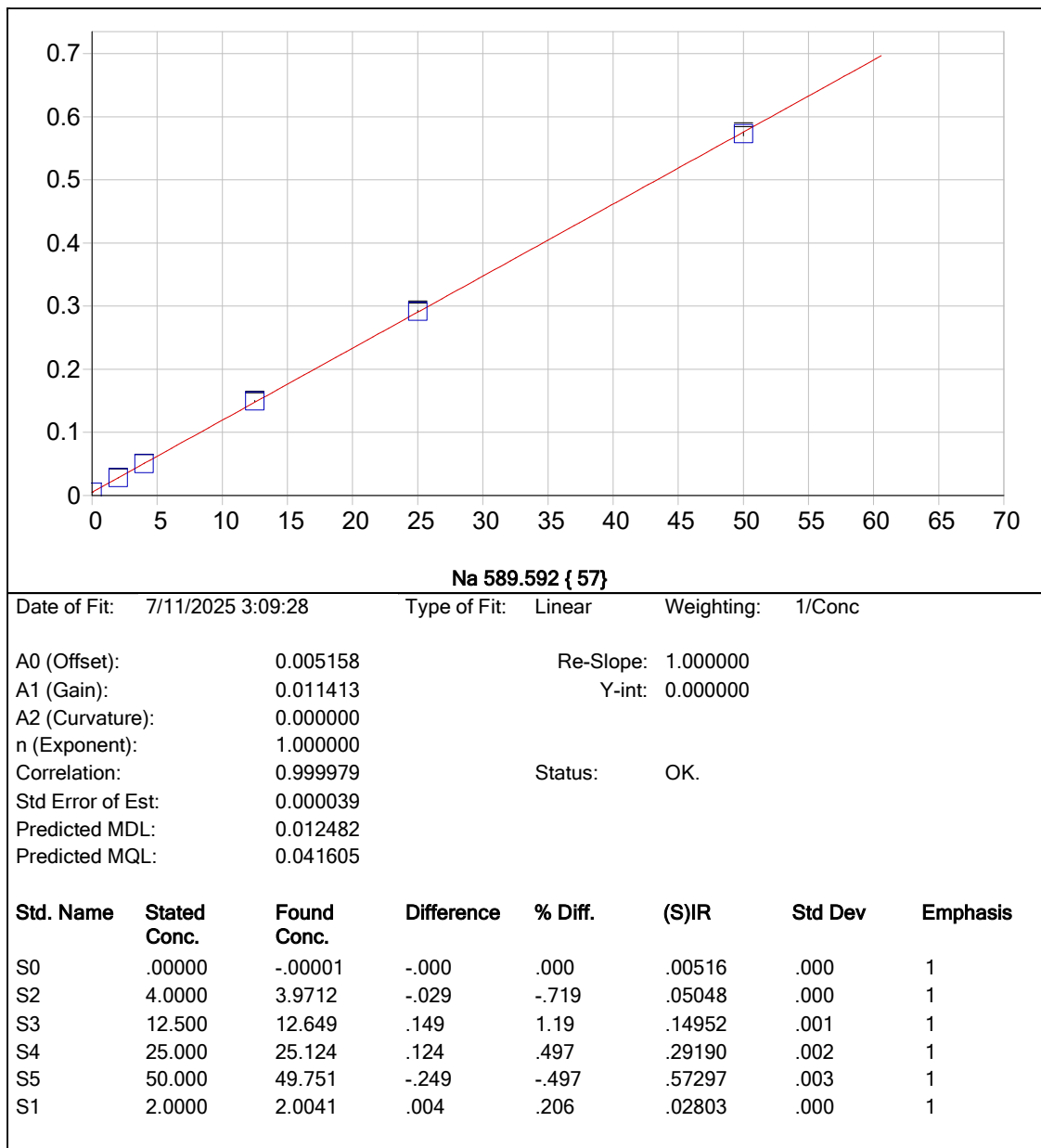
Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

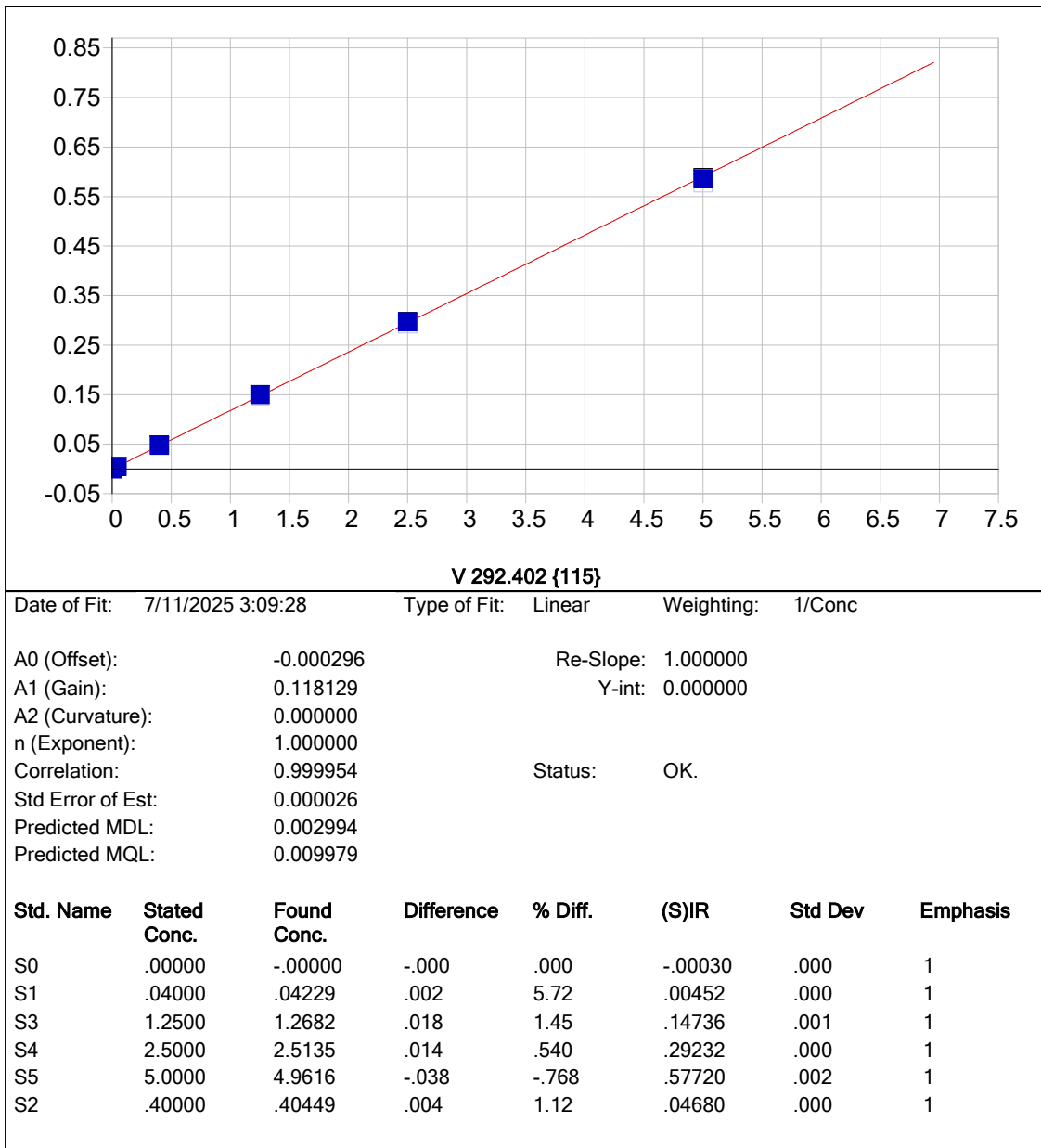
A0 (Offset): 0.000082 Re-Slope: 1.000000  
A1 (Gain): 0.009629 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999725 Status: OK.  
Std Error of Est: 0.000120  
Predicted MDL: 0.030368  
Predicted MQL: 0.101227

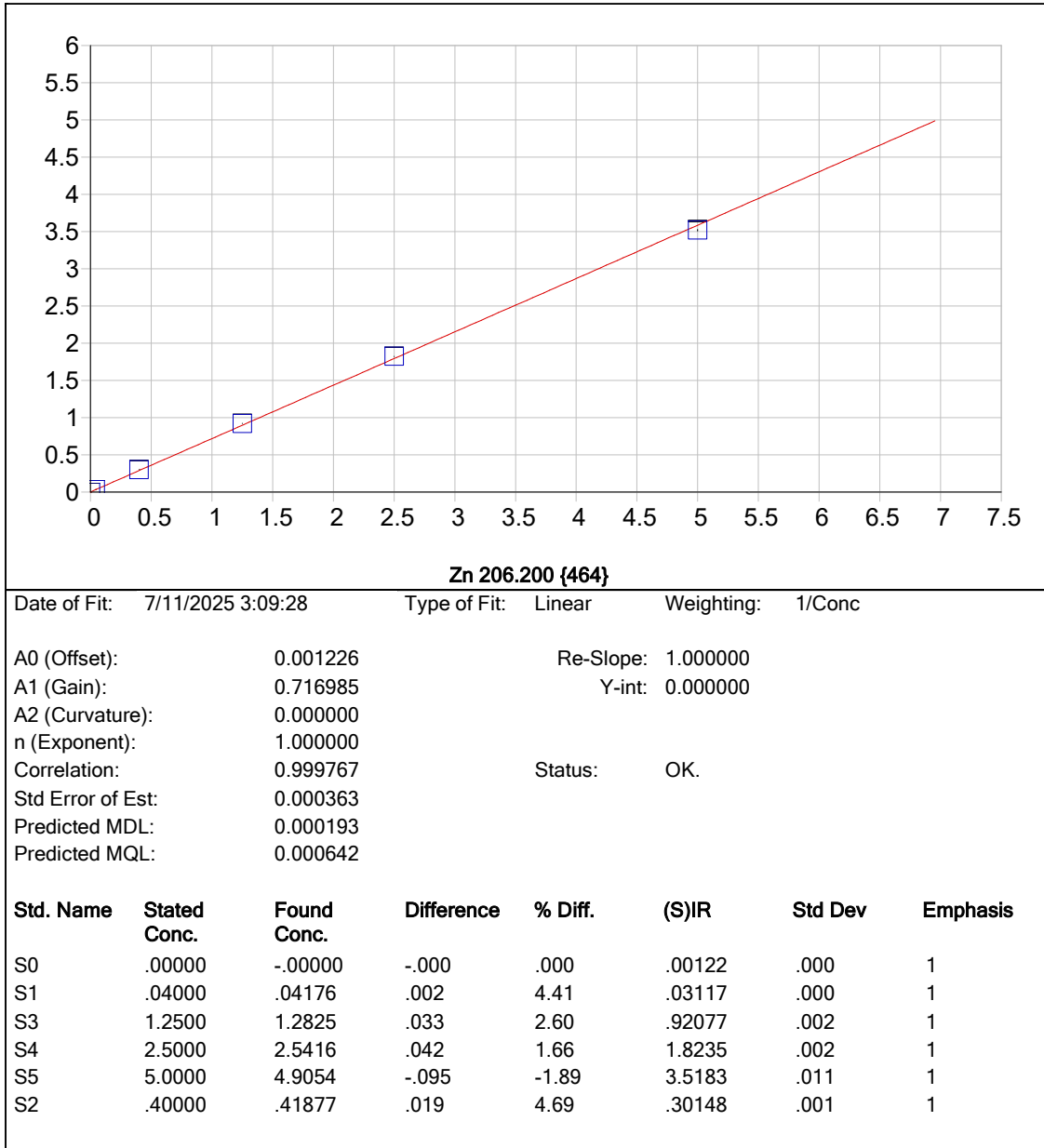
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00033     | -.000      | .000    | .00008 | .000    | 1        |
| S2        | 4.0000       | 4.1136      | .114       | 2.84    | .03969 | .000    | 1        |
| S3        | 12.500       | 12.713      | .213       | 1.71    | .12250 | .000    | 1        |
| S4        | 25.000       | 25.140      | .140       | .560    | .24216 | .001    | 1        |
| S5        | 50.000       | 49.275      | -.725      | -1.45   | .47456 | .003    | 1        |
| S1        | 2.0000       | 2.2580      | .258       | 12.9    | .02182 | .000    | 1        |

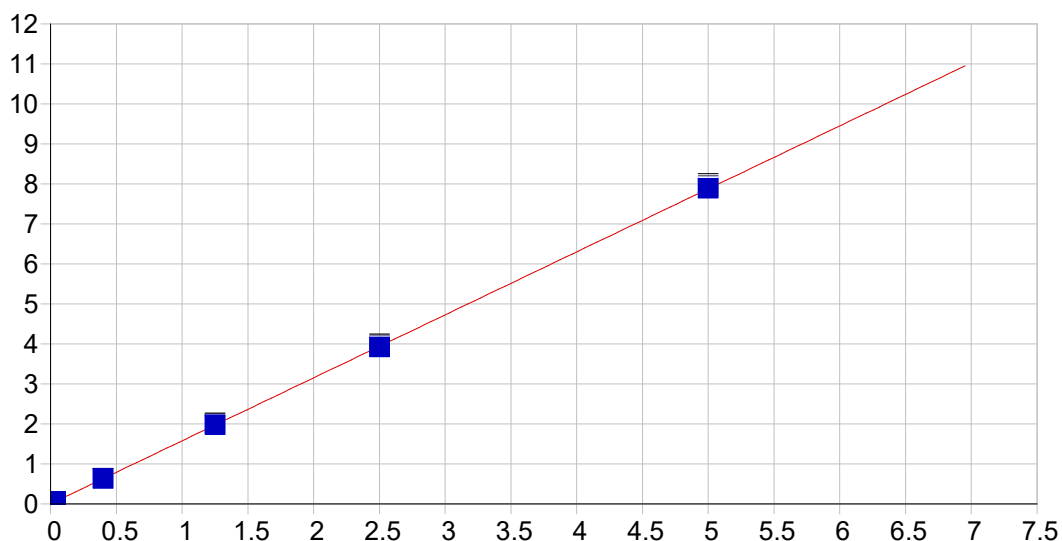










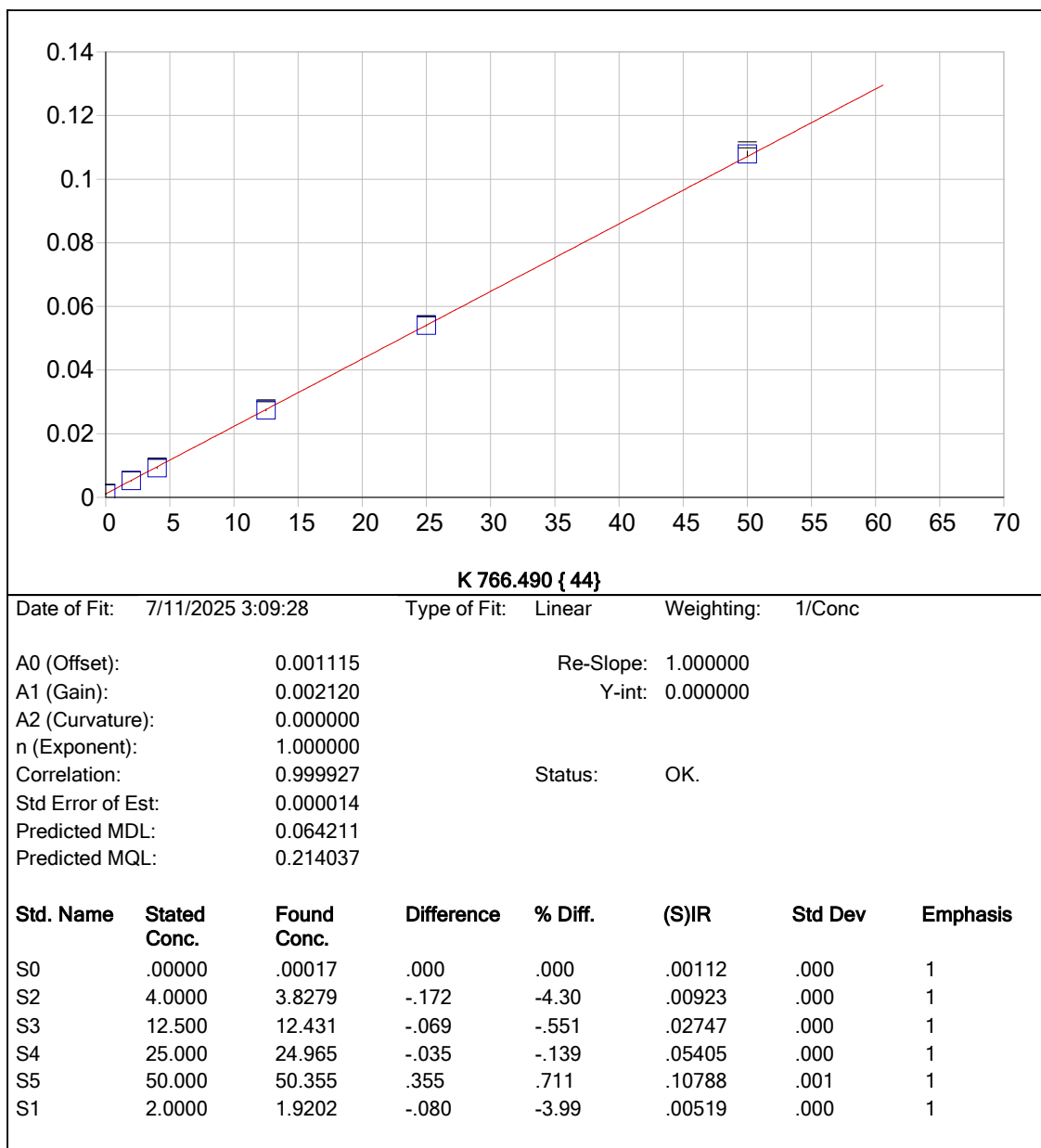


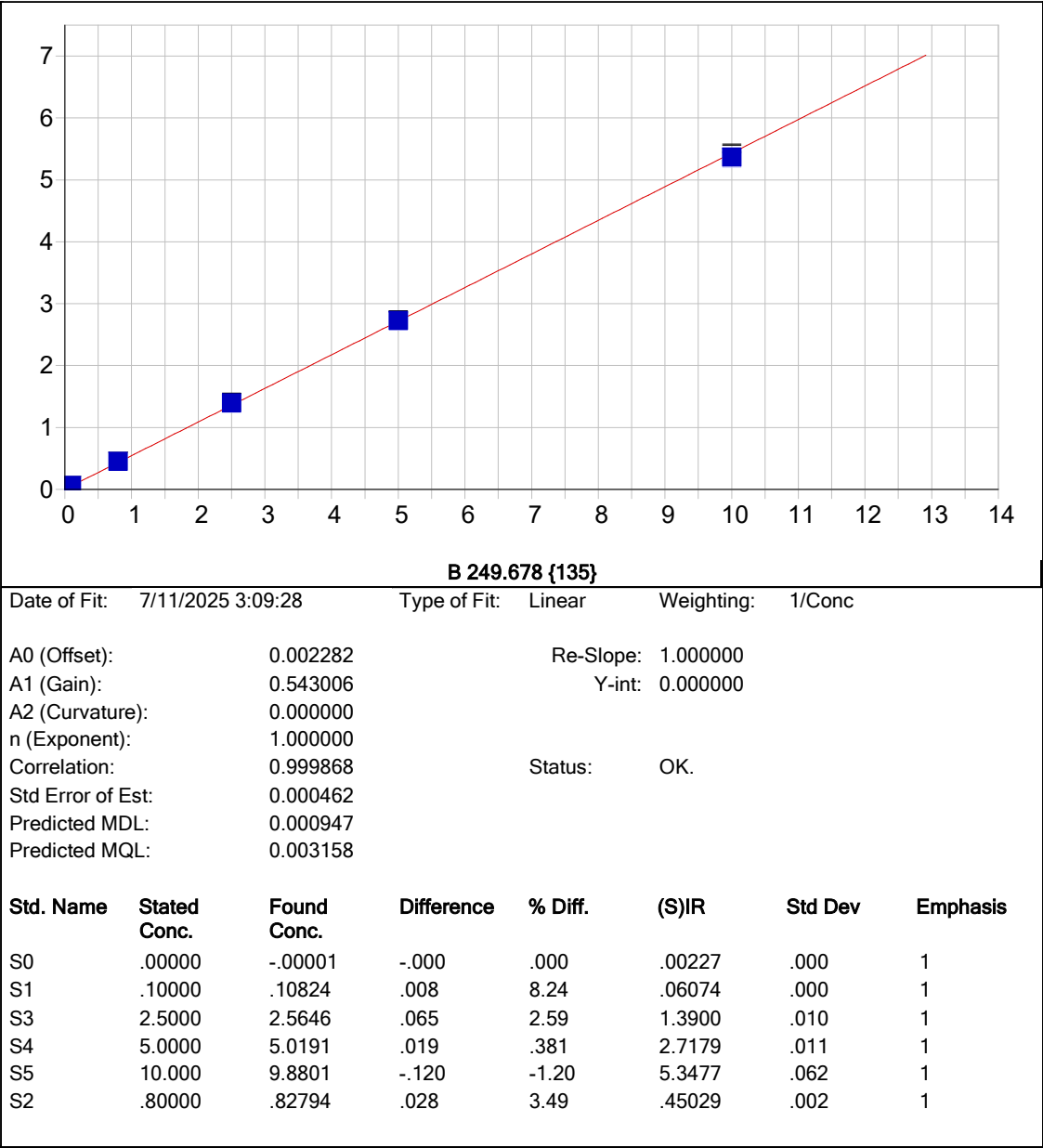
**Zn 213.856 {158}**

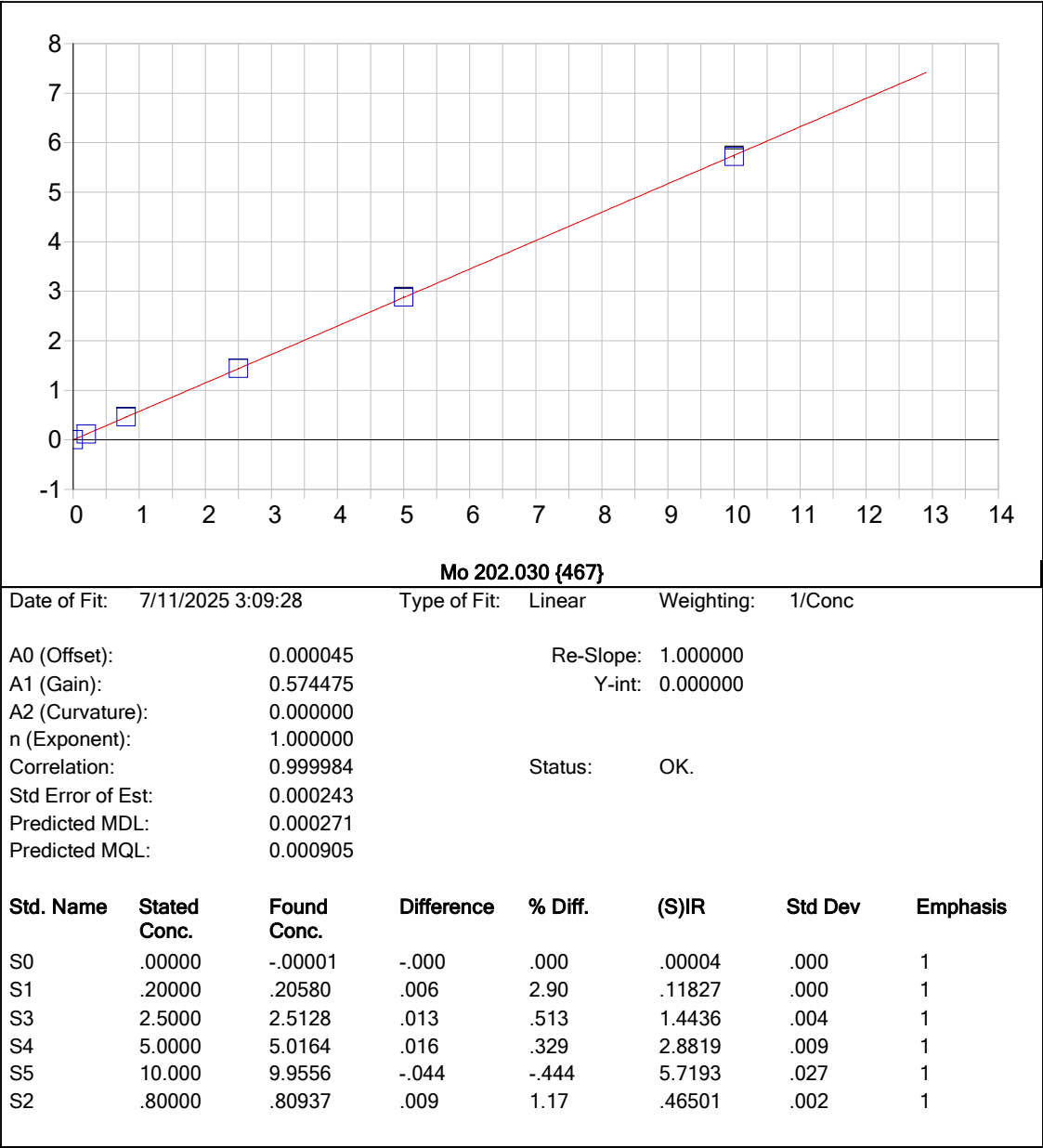
Date of Fit: 7/11/2025 3:09:28 Type of Fit: Linear Weighting: 1/Conc

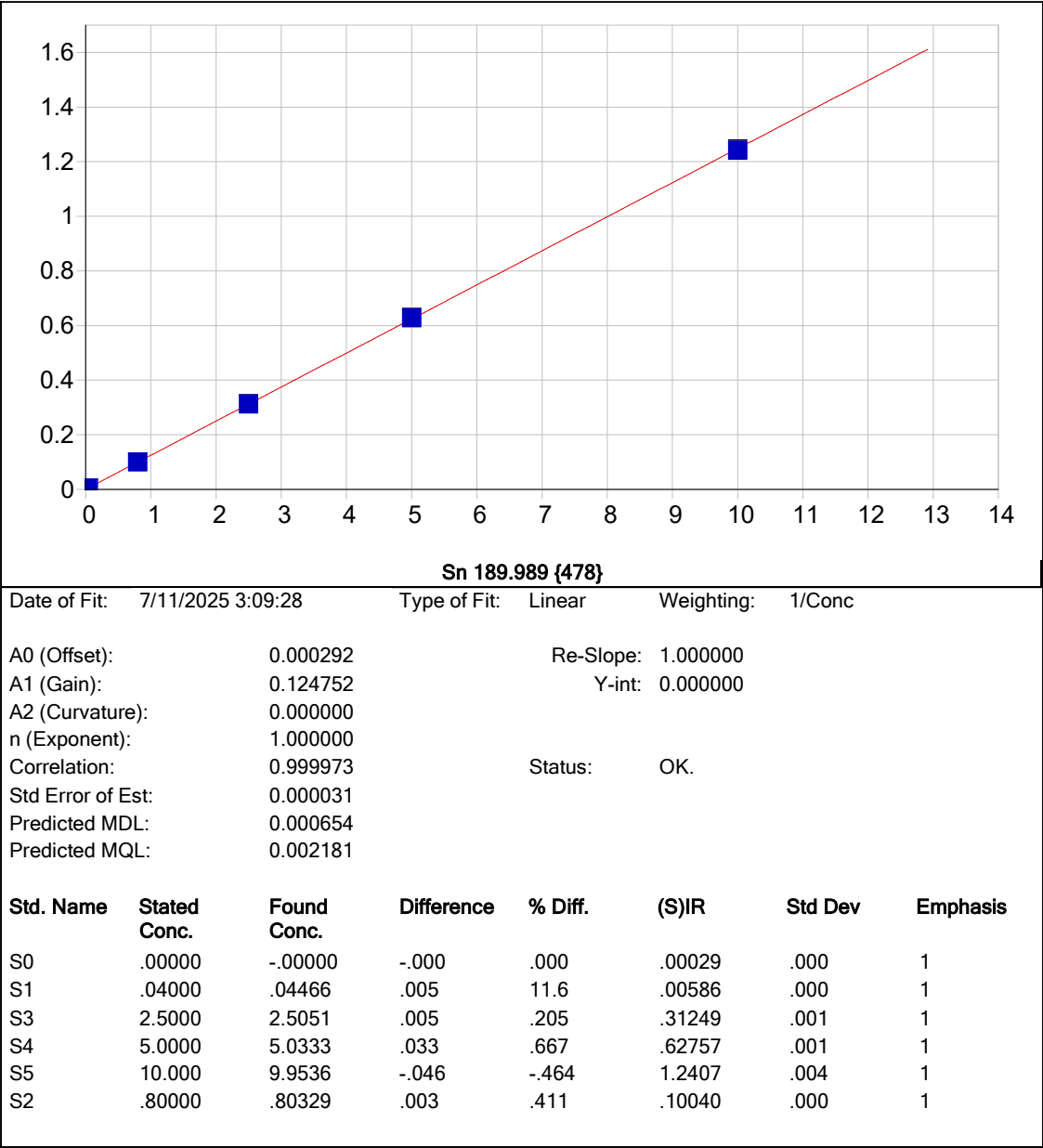
A0 (Offset): 0.002577 Re-Slope: 1.000000  
A1 (Gain): 1.574789 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999996 Status: OK.  
Std Error of Est: 0.000106  
Predicted MDL: 0.000319  
Predicted MQL: 0.001064

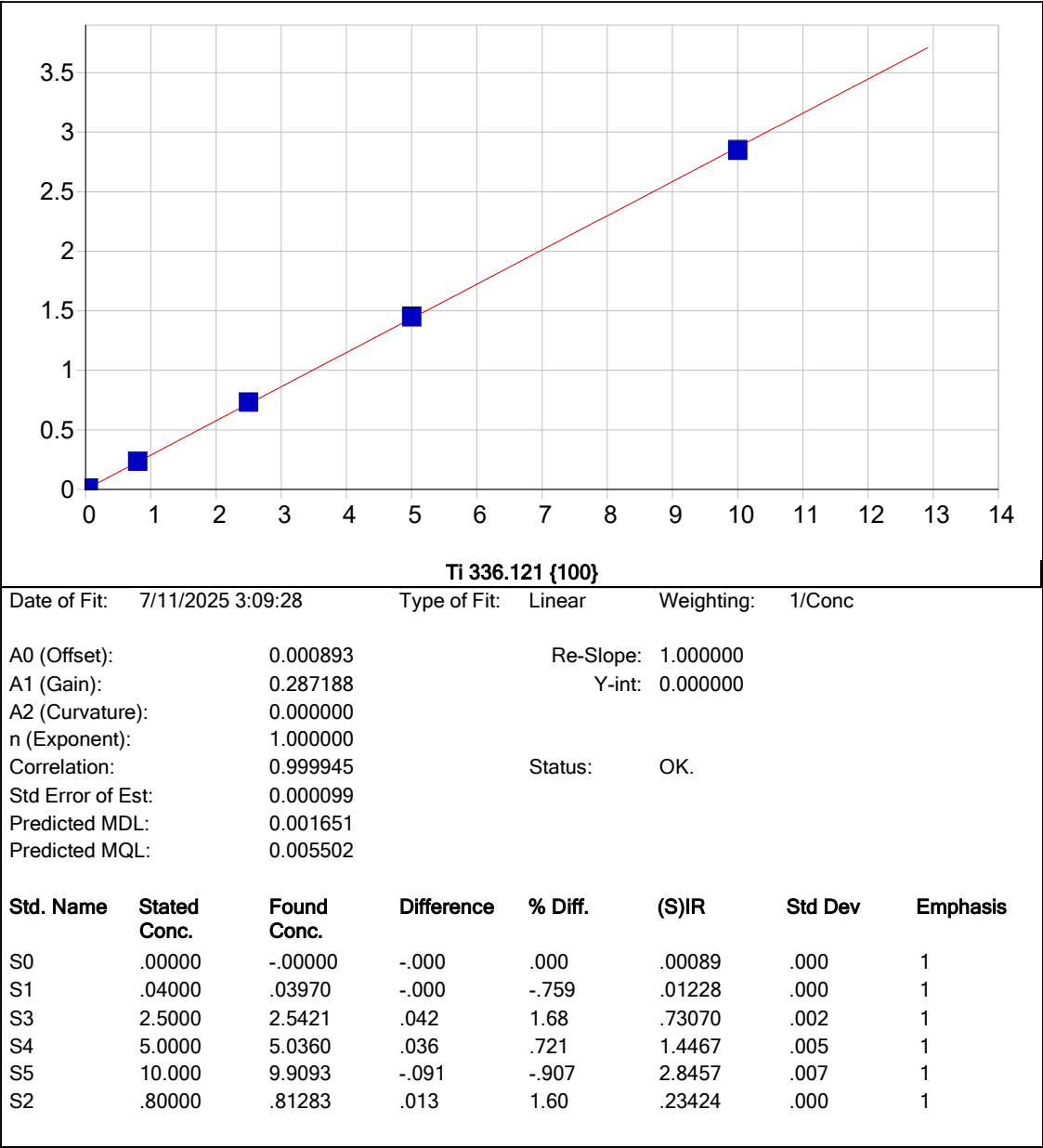
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00258 | .000    | 1        |
| S1        | .04000       | .03919      | -.001      | -2.02   | .06474 | .001    | 1        |
| S3        | 1.2500       | 1.2527      | .003       | .214    | 1.9890 | .032    | 1        |
| S4        | 2.5000       | 2.4899      | -.010      | -.402   | 3.9511 | .046    | 1        |
| S5        | 5.0000       | 5.0083      | .008       | .165    | 7.9443 | .064    | 1        |
| S2        | .40000       | .39992      | -.000      | -.019   | .63675 | .002    | 1        |

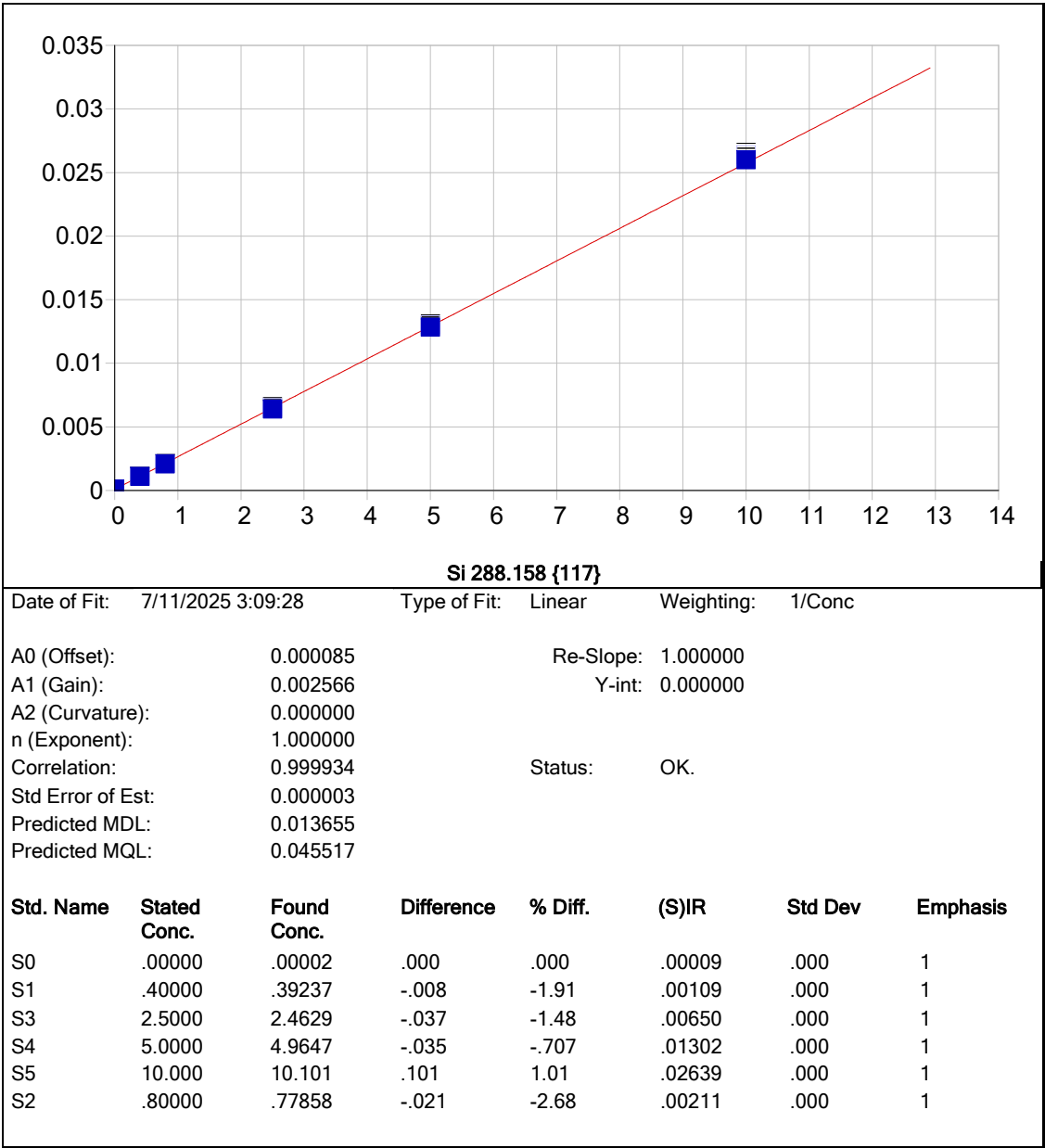


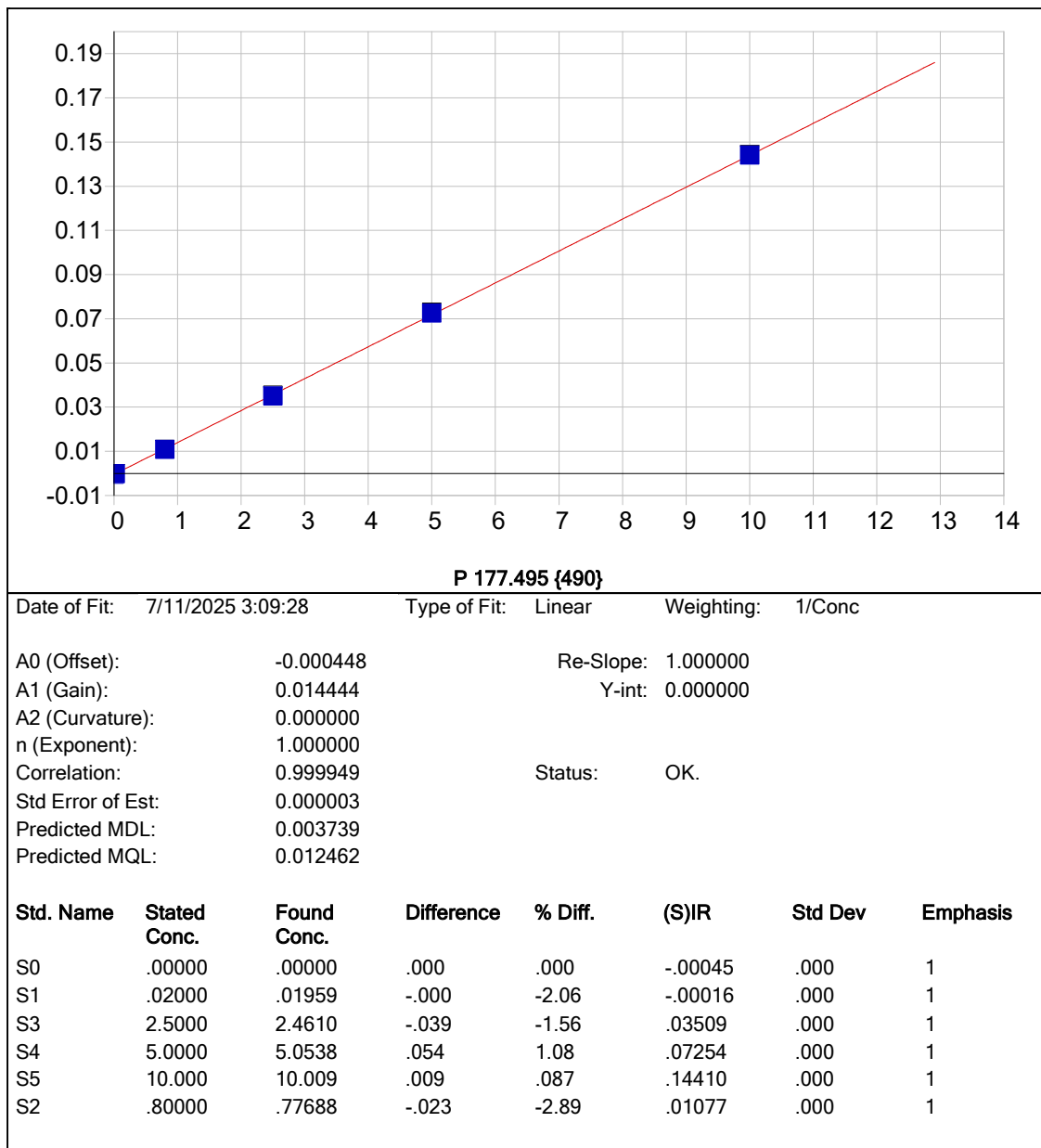


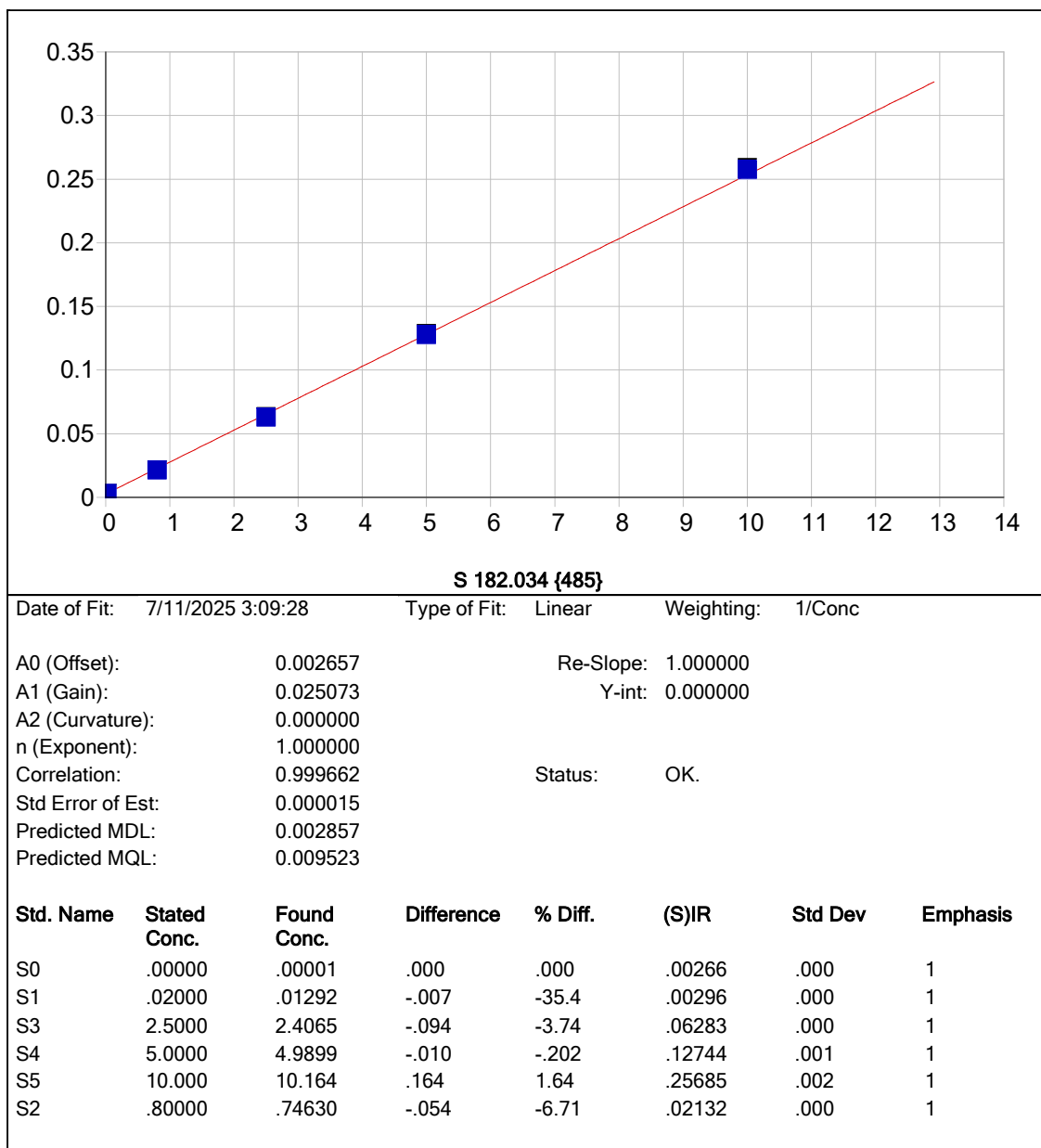


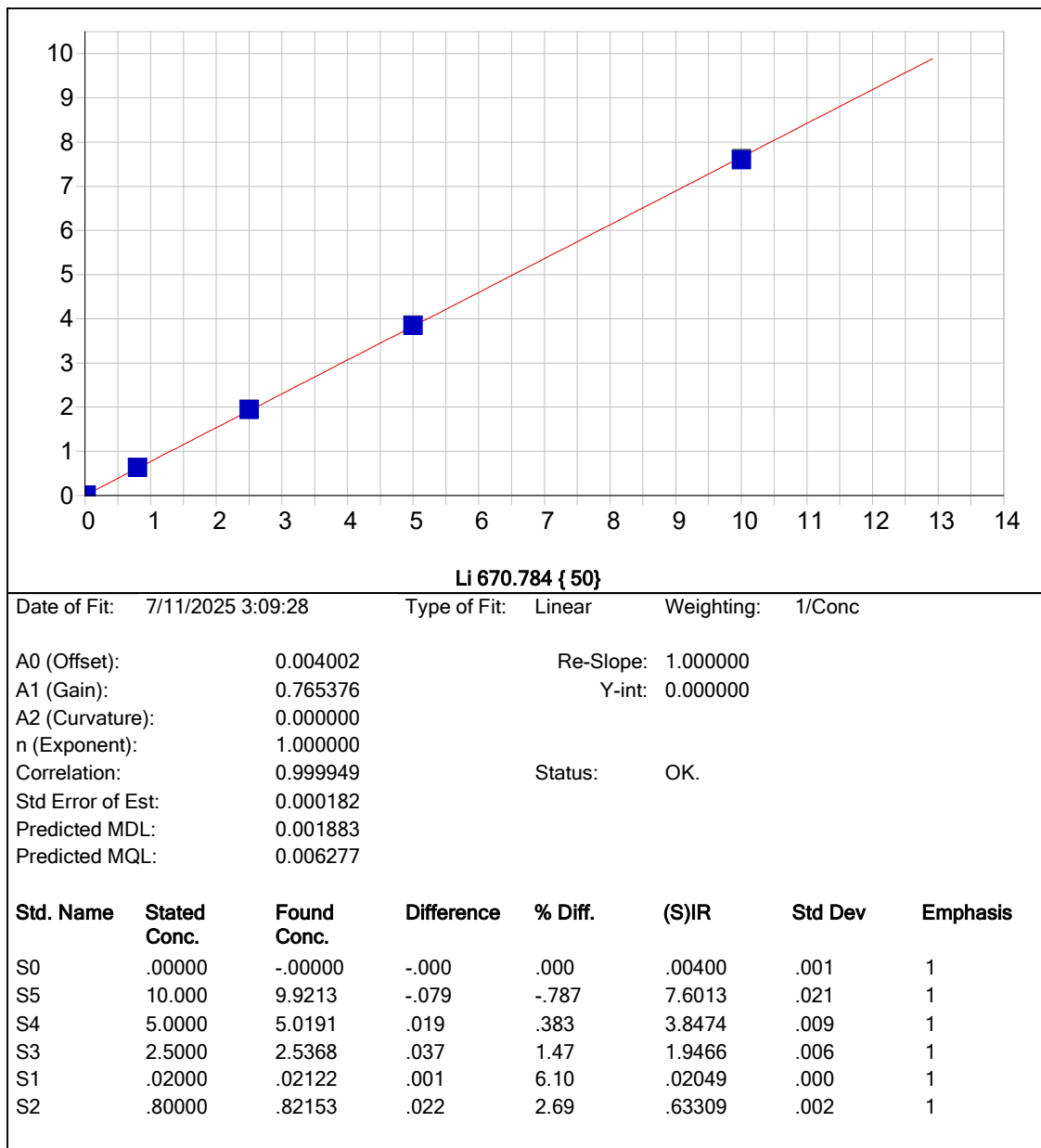


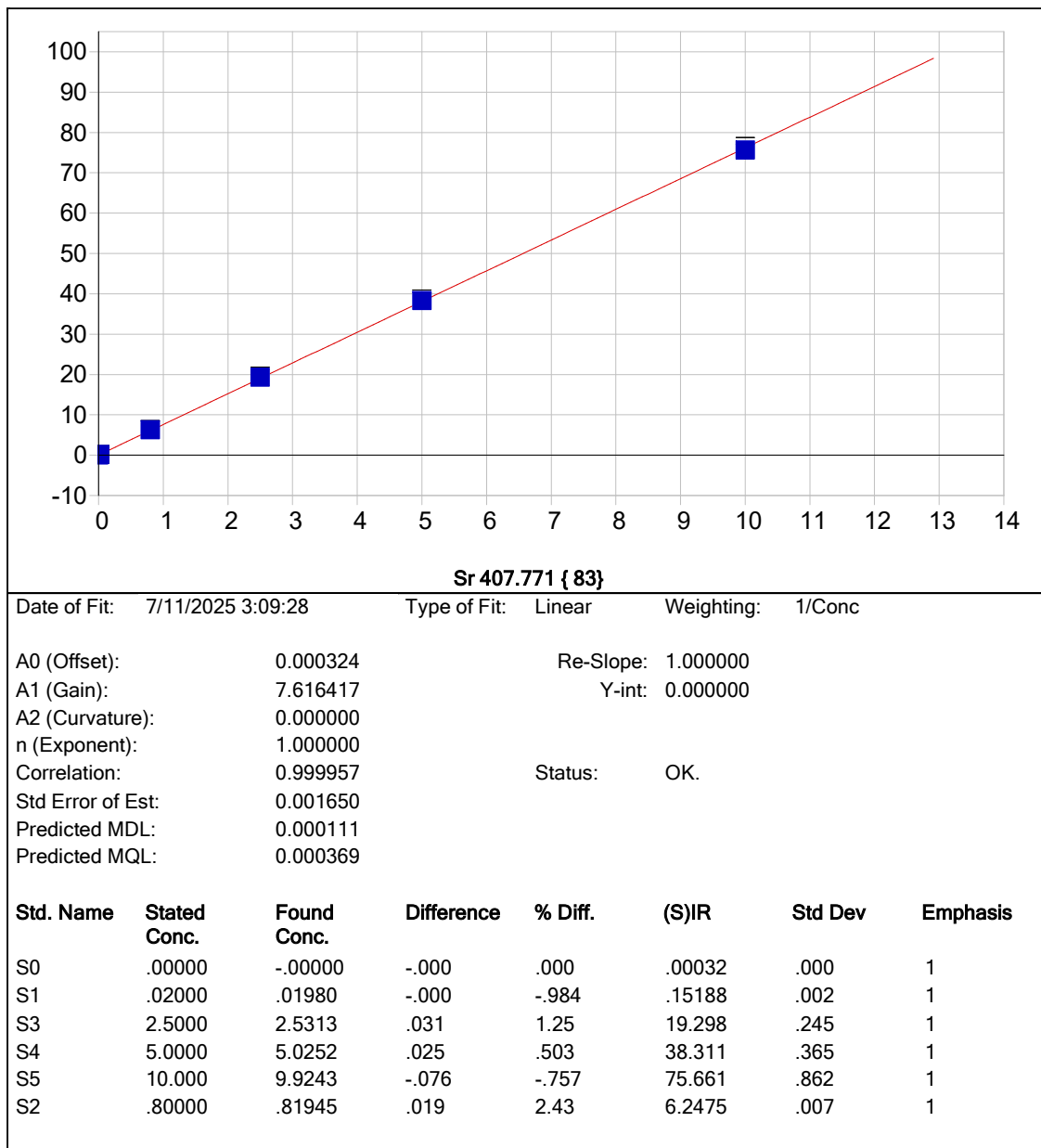














Date of Fit: 7/11/2025 3:09:28      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |                        |
|-------------------|----------|-----------|------------------------|
| 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      |           |                        |

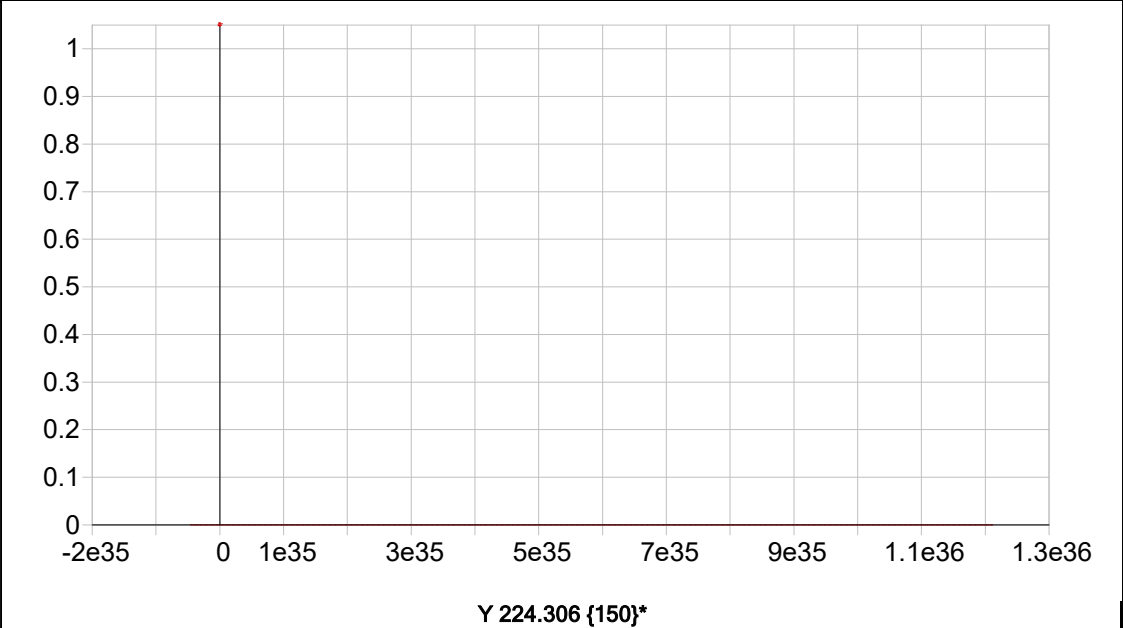
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



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 |





| 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 |
|--------------------------------------------------------------------------------------|--------------|-------------|------------|---------|-------|---------|----------|
|  |              |             |            |         |       |         |          |
| ln 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    |            | Status: | Warning | Zero Gain |          |
| n (Exponent):     |              | 1.000000    |            |         |         |           |          |
| Correlation:      |              | 0.000000    |            |         |         |           |          |
| Std Error of Est: |              | 0.000000    |            |         |         |           |          |
| Predicted MDL:    |              | n/a         |            |         |         |           |          |
| Predicted MQL:    |              | n/a         |            |         |         |           |          |
| Std. Name         | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev   | Emphasis |