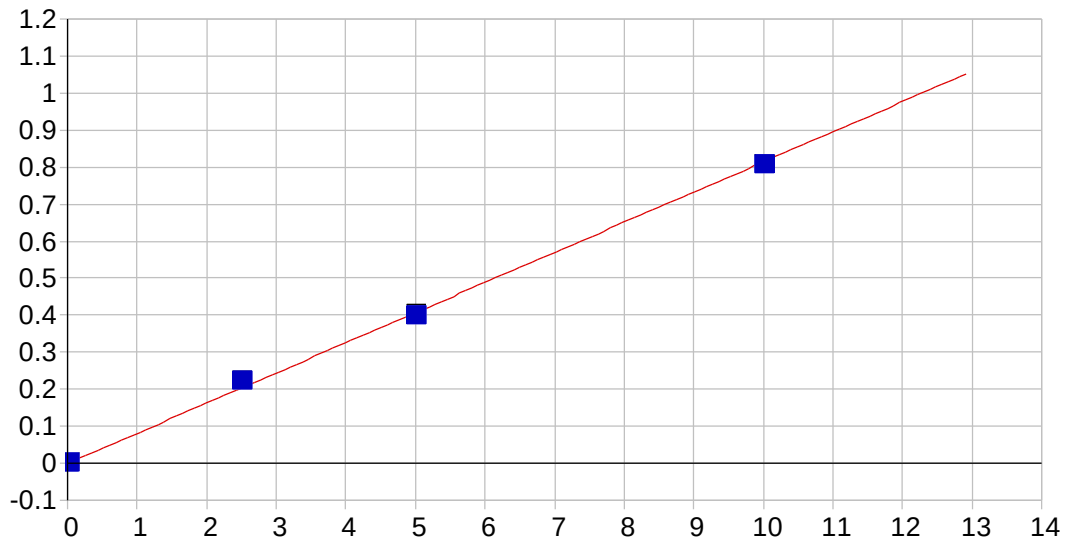
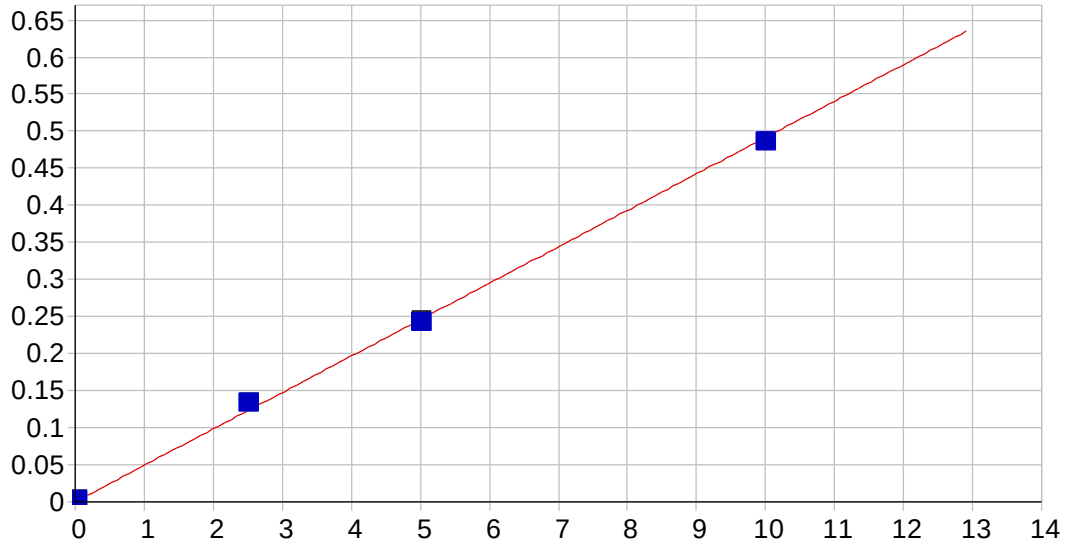



As 189.042 {478}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000316 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.081427 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999401 | Status: | OK. |
| Std Error of Est: | 0.000068 | | |
| Predicted MDL: | 0.003694 | | |
| Predicted MQL: | 0.012314 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00032 | .000 | 1 |
| S1 | .02000 | .02318 | .003 | 15.9 | .00160 | .000 | 1 |
| S3 | 2.5000 | 2.7074 | .207 | 8.29 | .22042 | .002 | 1 |
| S4 | 5.0000 | 4.8929 | -.107 | -2.14 | .39866 | .002 | 1 |
| S5 | 10.000 | 9.8966 | -.103 | -1.03 | .80666 | .001 | 1 |

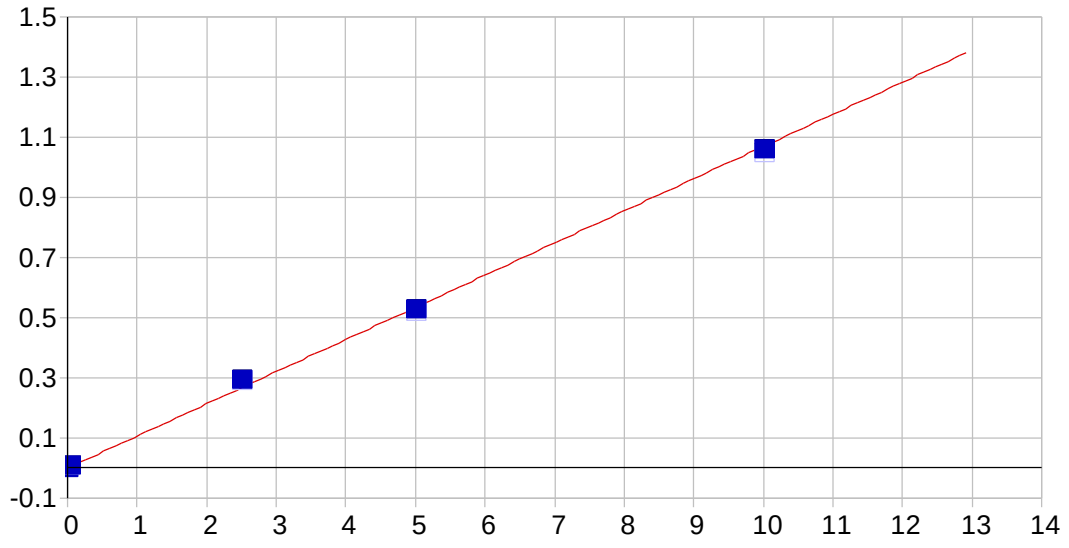



As 189.042 {479}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000078 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.049152 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999447 | Status: | OK. |
| Std Error of Est: | 0.000040 | | |
| Predicted MDL: | 0.003803 | | |
| Predicted MQL: | 0.012676 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00008 | .000 | 1 |
| S1 | .02000 | .02220 | .002 | 11.0 | .00118 | .000 | 1 |
| S3 | 2.5000 | 2.7020 | .202 | 8.08 | .13306 | .000 | 1 |
| S4 | 5.0000 | 4.9121 | -.088 | -1.76 | .24186 | .001 | 1 |
| S5 | 10.000 | 9.8837 | -.116 | -1.16 | .48656 | .000 | 1 |

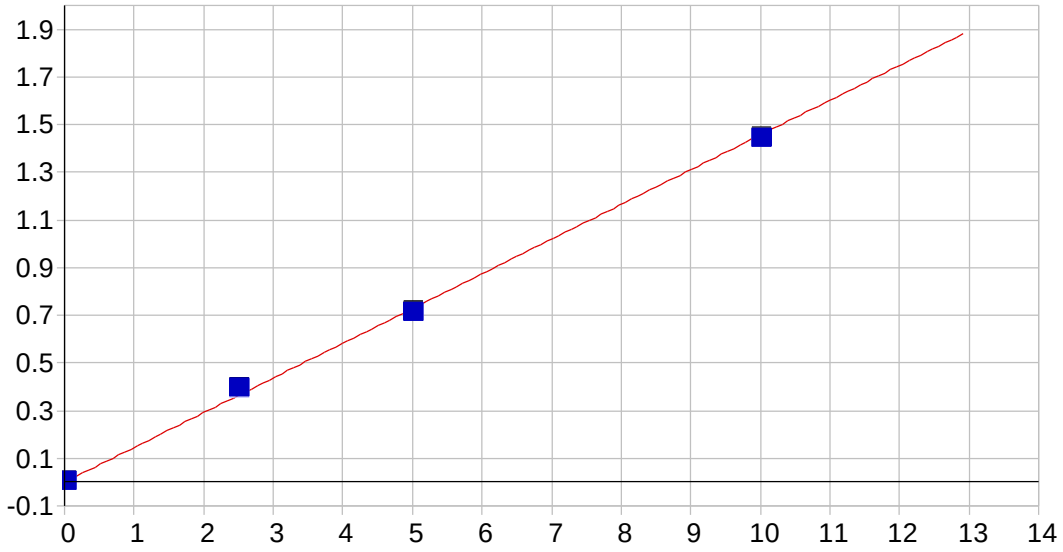


Tl 190.856 {477}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000209 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.106942 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999372 | Status: | OK. |
| Std Error of Est: | 0.000128 | | |
| Predicted MDL: | 0.002002 | | |
| Predicted MQL: | 0.006672 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | .000 | .000 | -.00021 | .000 | 1 |
| S1 | .04000 | .04468 | .005 | 11.7 | .00446 | .000 | 1 |
| S3 | 2.5000 | 2.7111 | .211 | 8.44 | .28696 | .001 | 1 |
| S4 | 5.0000 | 4.9072 | -.093 | -1.86 | .51905 | .002 | 1 |
| S5 | 10.000 | 9.8772 | -.123 | -1.23 | 1.0450 | .000 | 1 |

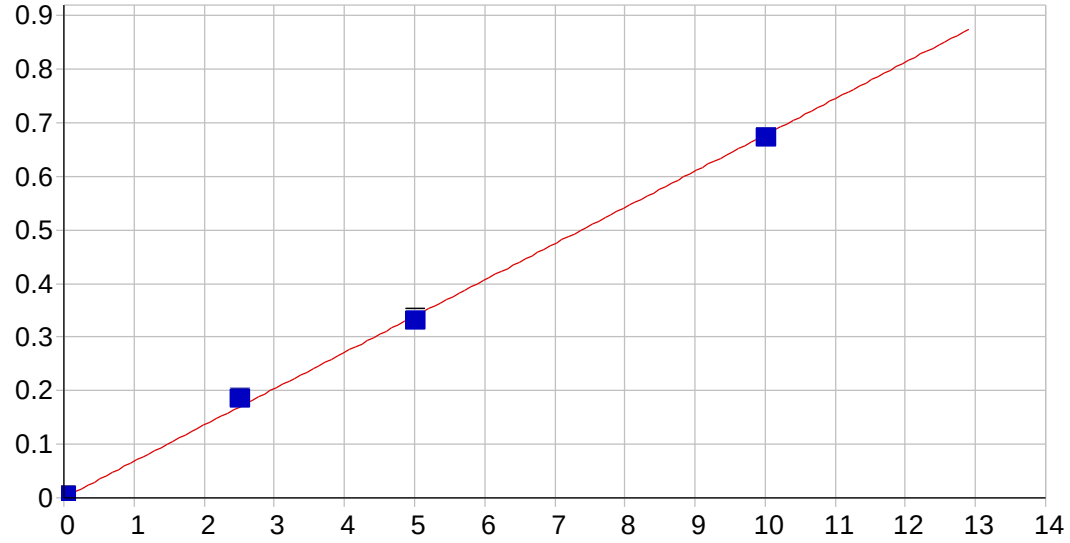



Pb 220.353 {453}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000137 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.145639 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999481 | Status: | OK. |
| Std Error of Est: | 0.000088 | | |
| Predicted MDL: | 0.002045 | | |
| Predicted MQL: | 0.006816 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00014 | .000 | 1 |
| S1 | .01200 | .00989 | -.002 | -17.6 | .00126 | .000 | 1 |
| S3 | 2.5000 | 2.6926 | .193 | 7.70 | .39141 | .002 | 1 |
| S4 | 5.0000 | 4.8950 | -.105 | -2.10 | .71157 | .003 | 1 |
| S5 | 10.000 | 9.9144 | -.086 | -.856 | 1.4414 | .002 | 1 |

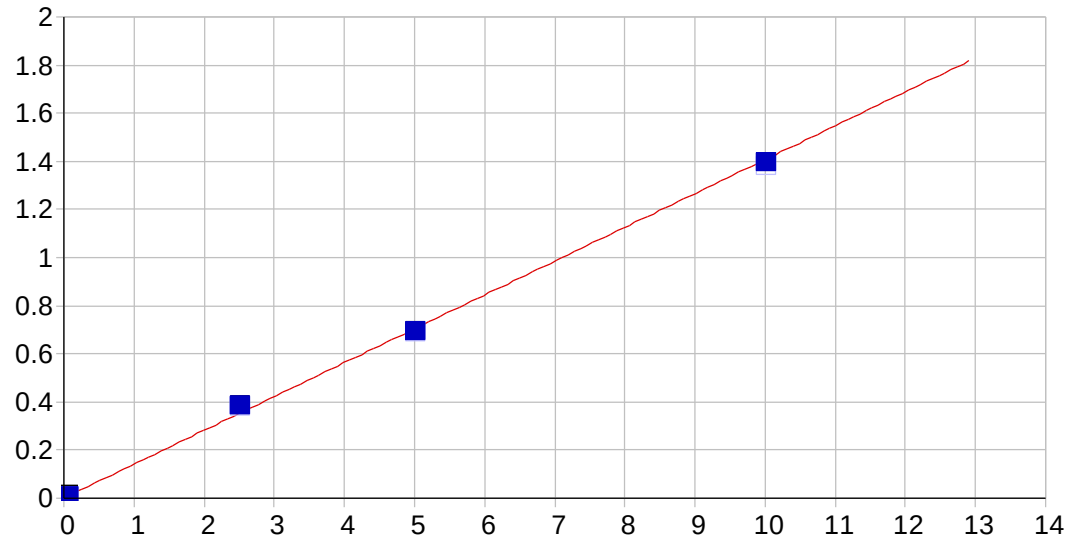



Se 196.090 {472}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000234 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.067740 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999279 | Status: | OK. |
| Std Error of Est: | 0.000062 | | |
| Predicted MDL: | 0.003972 | | |
| Predicted MQL: | 0.013239 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00023 | .000 | 1 |
| S1 | .02000 | .02098 | .001 | 4.92 | .00165 | .000 | 1 |
| S3 | 2.5000 | 2.7289 | .229 | 9.16 | .18522 | .002 | 1 |
| S4 | 5.0000 | 4.8719 | -.128 | -2.56 | .33051 | .003 | 1 |
| S5 | 10.000 | 9.8982 | -.102 | -1.02 | .67124 | .001 | 1 |

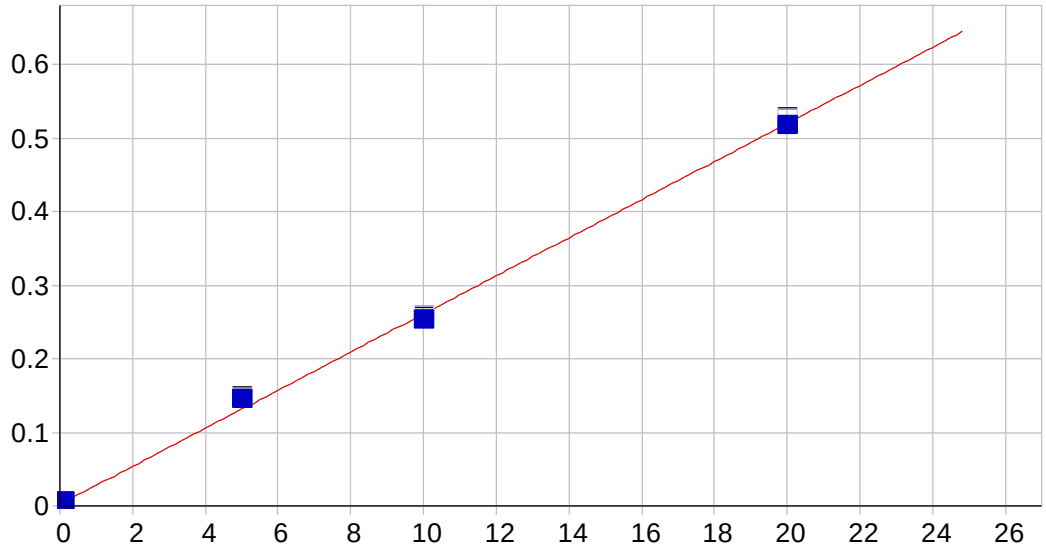


Sb 206.833 {463}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000475 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.140690 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999422 | Status: | OK. |
| Std Error of Est: | 0.000181 | | |
| Predicted MDL: | 0.002337 | | |
| Predicted MQL: | 0.007791 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | .000 | .000 | .00047 | .000 | 1 |
| S1 | .05000 | .05328 | .003 | 6.55 | .00792 | .000 | 1 |
| S3 | 2.5000 | 2.7040 | .204 | 8.16 | .37761 | .001 | 1 |
| S4 | 5.0000 | 4.9058 | -.094 | -1.88 | .68408 | .003 | 1 |
| S5 | 10.000 | 9.8869 | -.113 | -1.13 | 1.3783 | .000 | 1 |

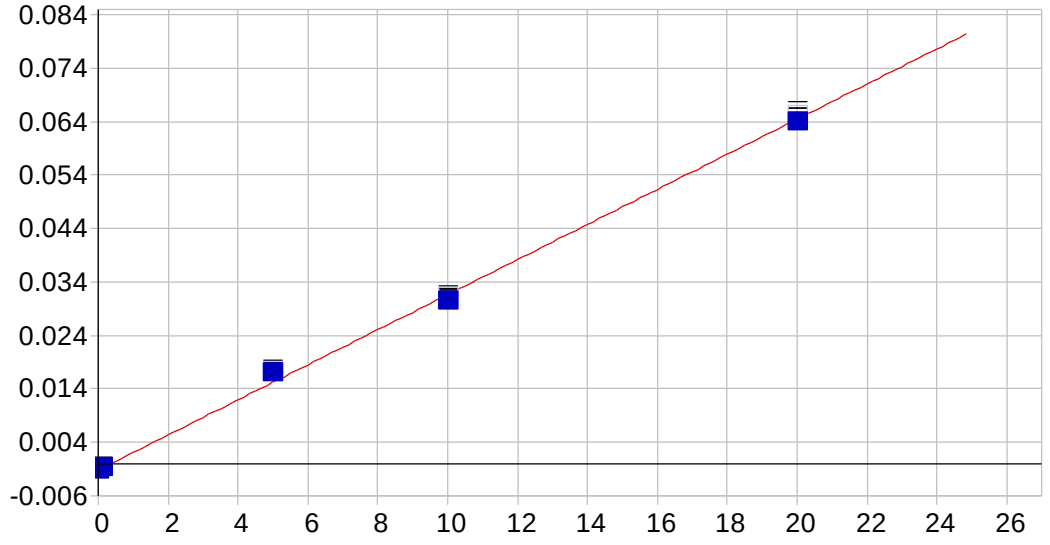



Al 308.215 {109}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001998 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.025874 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999151 | Status: | OK. |
| Std Error of Est: | 0.000083 | | |
| Predicted MDL: | 0.005005 | | |
| Predicted MQL: | 0.016682 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | .000 | .000 | .00200 | .000 | 1 |
| S1 | .10000 | .10755 | .008 | 7.55 | .00496 | .000 | 1 |
| S3 | 5.0000 | 5.4900 | .490 | 9.80 | .14657 | .001 | 1 |
| S4 | 10.000 | 9.6478 | -.352 | -3.52 | .25666 | .001 | 1 |
| S5 | 20.000 | 19.854 | -.146 | -.728 | .52579 | .000 | 1 |

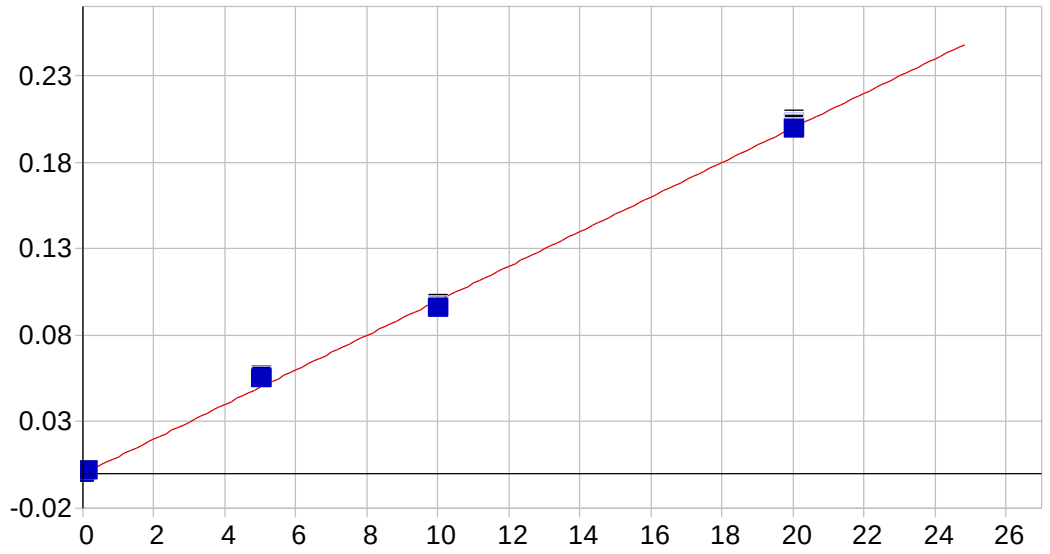



Al 309.271 {109}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.001181 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.003283 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999090 | Status: | OK. |
| Std Error of Est: | 0.000011 | | |
| Predicted MDL: | 0.033283 | | |
| Predicted MQL: | 0.110943 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | .000 | .000 | -.00118 | .000 | 1 |
| S1 | .10000 | .10913 | .009 | 9.13 | -.00080 | .000 | 1 |
| S3 | 5.0000 | 5.5079 | .508 | 10.2 | .01722 | .000 | 1 |
| S4 | 10.000 | 9.6416 | -.358 | -3.58 | .03111 | .000 | 1 |
| S5 | 20.000 | 19.841 | -.159 | -.796 | .06523 | .001 | 1 |

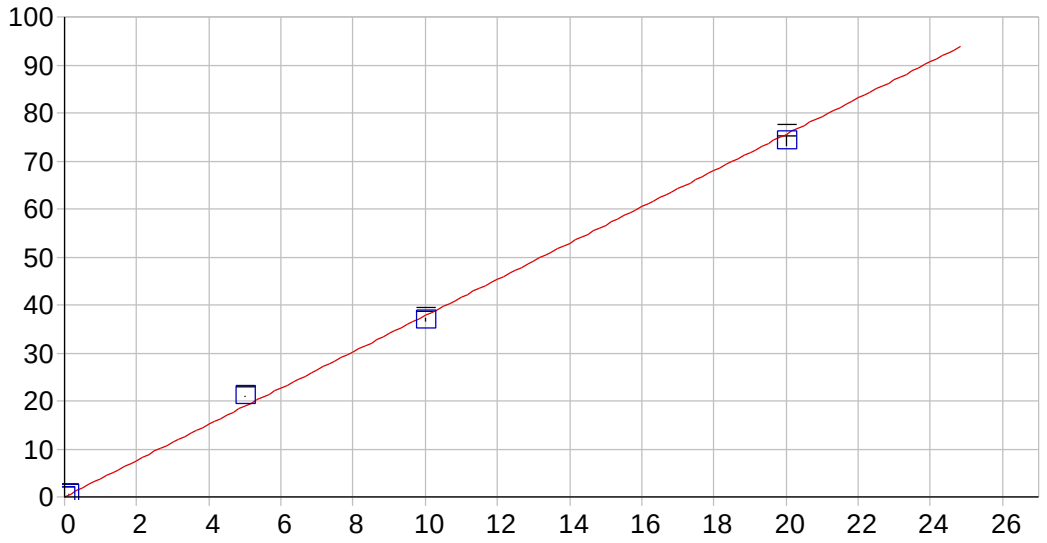


Al 396.152 { 85}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000036 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.009991 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998802 | Status: | OK. |
| Std Error of Est: | 0.000038 | | |
| Predicted MDL: | 0.015584 | | |
| Predicted MQL: | 0.051945 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00004 | .000 | .000 | -.00004 | .000 | 1 |
| S1 | .10000 | .13422 | .034 | 34.2 | .00137 | .000 | 1 |
| S3 | 5.0000 | 5.5167 | .517 | 10.3 | .05605 | .000 | 1 |
| S4 | 10.000 | 9.5292 | -.471 | -4.71 | .09711 | .000 | 1 |
| S5 | 20.000 | 19.918 | -.082 | -.409 | .20285 | .001 | 1 |

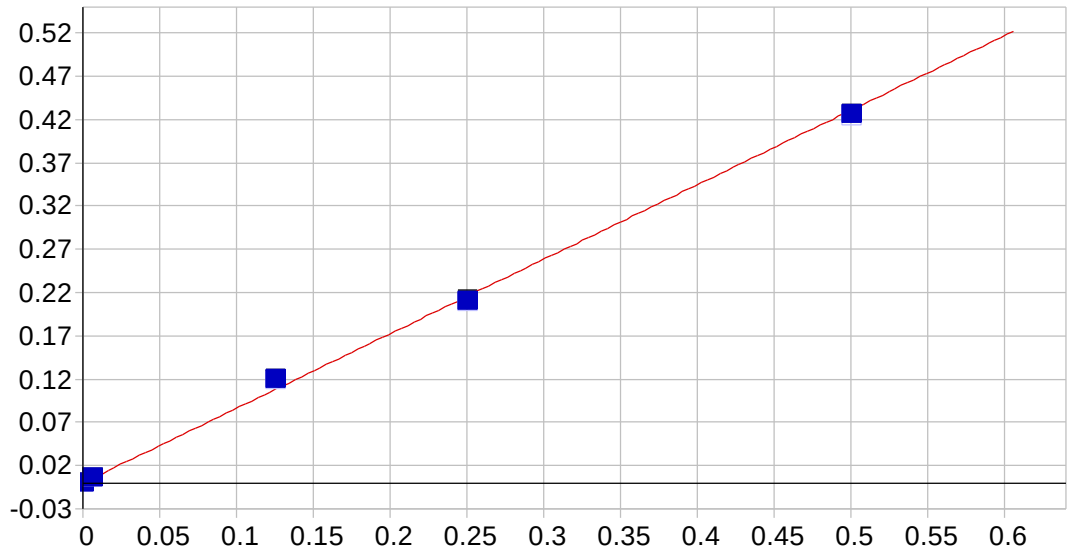



Ba 493.409 { 68}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.032787 | Re-Slope: | 1.000000 |
| A1 (Gain): | 3.774948 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998942 | Status: | OK. |
| Std Error of Est: | 0.013285 | | |
| Predicted MDL: | 0.000970 | | |
| Predicted MQL: | 0.003234 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00002 | .000 | .000 | .03273 | .001 | 1 |
| S1 | .10000 | .10849 | .008 | 8.49 | .44234 | .003 | 1 |
| S3 | 5.0000 | 5.5596 | .560 | 11.2 | 21.020 | .098 | 1 |
| S5 | 20.000 | 19.663 | -.337 | -1.69 | 74.260 | 1.12 | 1 |
| S4 | 10.000 | 9.7689 | -.231 | -2.31 | 36.910 | .363 | 1 |

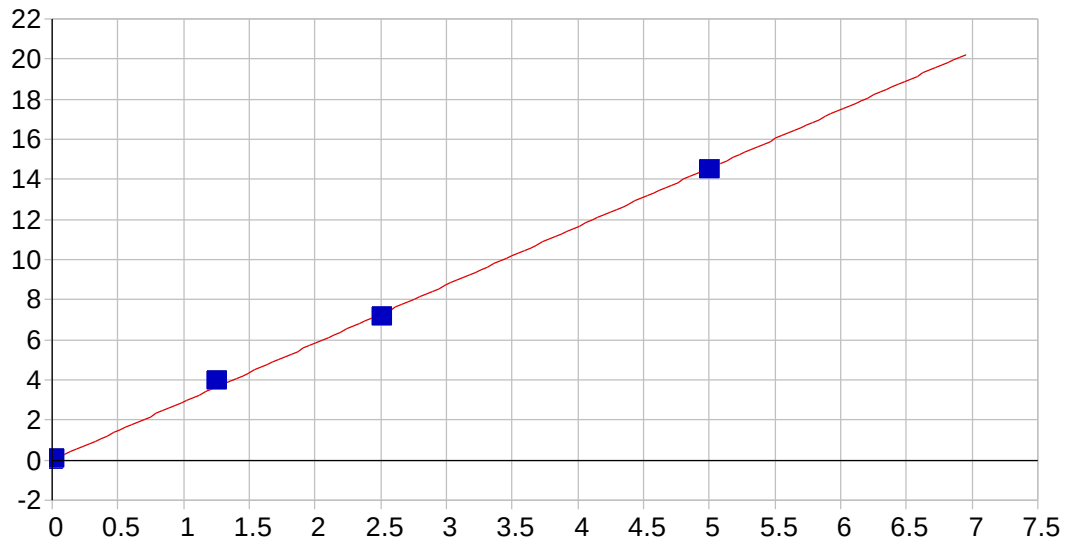



Be 234.861 {144}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000029 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.861679 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999082 | Status: | OK. |
| Std Error of Est: | 0.000109 | | |
| Predicted MDL: | 0.000093 | | |
| Predicted MQL: | 0.000309 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00003 | .000 | 1 |
| S1 | .00600 | .00645 | .000 | 7.52 | .00553 | .000 | 1 |
| S3 | .12500 | .13775 | .013 | 10.2 | .11802 | .000 | 1 |
| S4 | .25000 | .24332 | -.007 | -2.67 | .20828 | .001 | 1 |
| S5 | .50000 | .49347 | -.007 | -1.31 | .42241 | .001 | 1 |

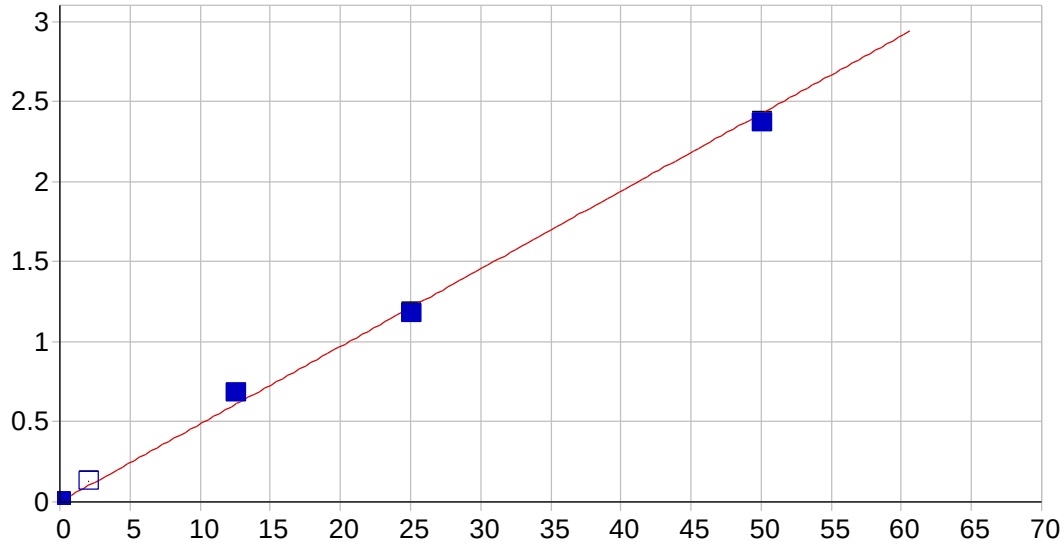


Cd 226.502 {449}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000343 | Re-Slope: | 1.000000 |
| A1 (Gain): | 2.911459 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999516 | Status: | OK. |
| Std Error of Est: | 0.000848 | | |
| Predicted MDL: | 0.000129 | | |
| Predicted MQL: | 0.000429 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00034 | .000 | 1 |
| S1 | .00600 | .00616 | .000 | 2.66 | .01761 | .000 | 1 |
| S3 | 1.2500 | 1.3428 | .093 | 7.43 | 3.9097 | .020 | 1 |
| S4 | 2.5000 | 2.4419 | -.058 | -2.32 | 7.1103 | .035 | 1 |
| S5 | 5.0000 | 4.9651 | -.035 | -.698 | 14.457 | .013 | 1 |

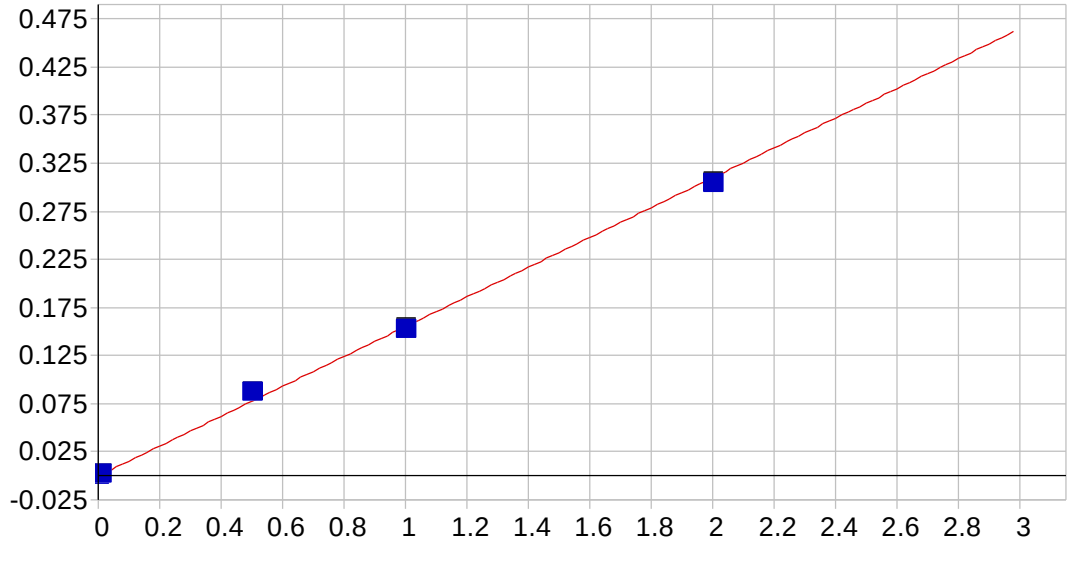



Ca 373.690 { 90}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001703 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.048431 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.997928 | Status: | OK. |
| Std Error of Est: | 0.001705 | | |
| Predicted MDL: | 0.019682 | | |
| Predicted MQL: | 0.065605 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S2 | 2.0000 | 2.5462 | .546 | 27.3 | .12502 | .001 | 1 |
| S0 | .00000 | -.00066 | -.001 | .000 | .00167 | .001 | 1 |
| S3 | 12.500 | 13.949 | 1.45 | 11.6 | .67746 | .001 | 1 |
| S4 | 25.000 | 24.157 | -.843 | -3.37 | 1.1721 | .012 | 1 |
| S5 | 50.000 | 48.848 | -1.15 | -2.30 | 2.3683 | .007 | 1 |

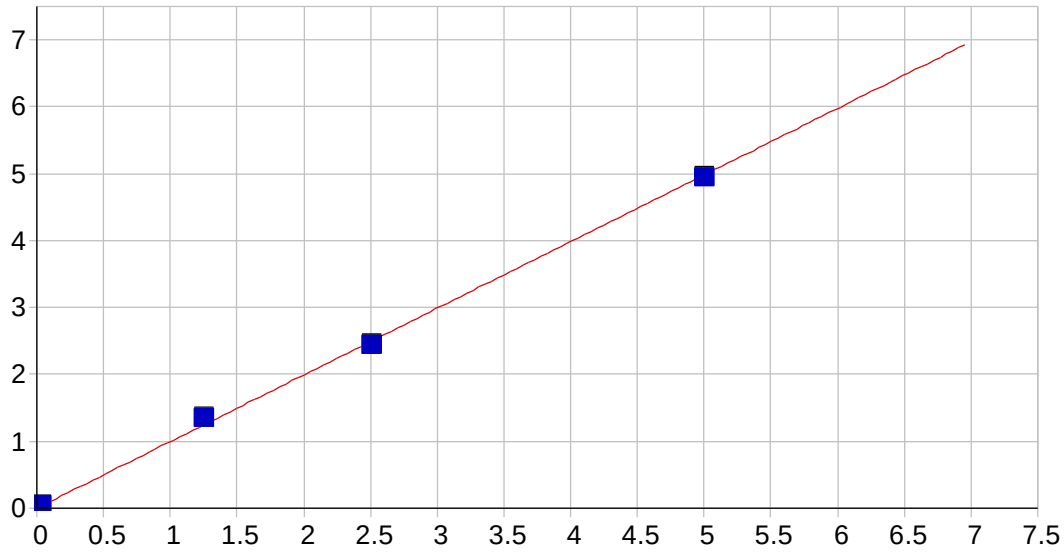



Cr 267.716 {126}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000053 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.154896 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998925 | Status: | OK. |
| Std Error of Est: | 0.000055 | | |
| Predicted MDL: | 0.000644 | | |
| Predicted MQL: | 0.002147 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00005 | .000 | 1 |
| S1 | .01000 | .01041 | .000 | 4.10 | .00167 | .000 | 1 |
| S3 | .50000 | .55685 | .057 | 11.4 | .08639 | .000 | 1 |
| S4 | 1.0000 | .98188 | -.018 | -1.81 | .15231 | .001 | 1 |
| S5 | 2.0000 | 1.9609 | -.039 | -1.96 | .30412 | .001 | 1 |

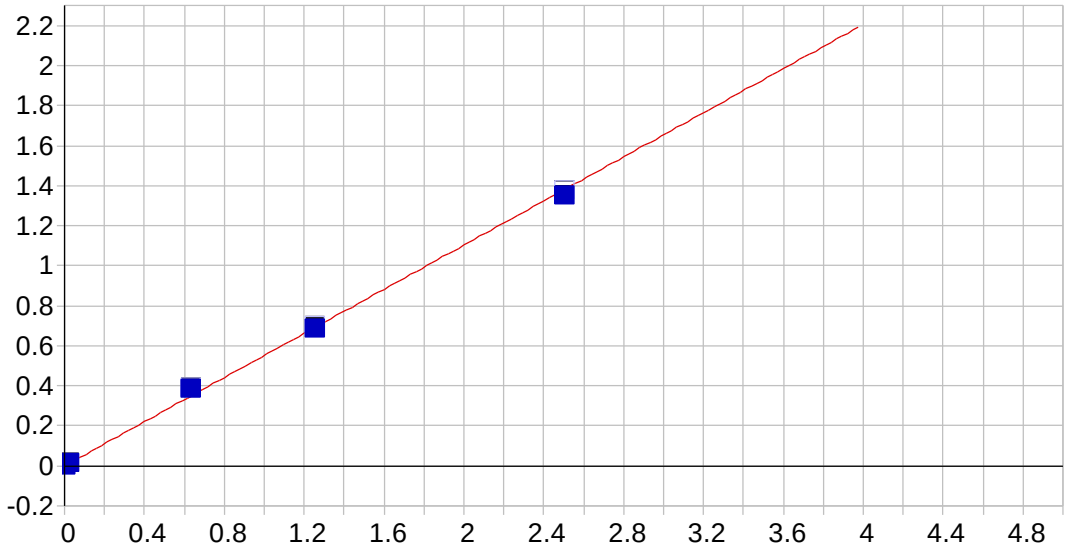


## Co 228.616 {447}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000846 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.995864 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999505 | Status: | OK. |
| Std Error of Est: | 0.000657 | | |
| Predicted MDL: | 0.000342 | | |
| Predicted MQL: | 0.001141 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00084 | .000 | 1 |
| S1 | .03000 | .03175 | .002 | 5.84 | .03228 | .000 | 1 |
| S3 | 1.2500 | 1.3439 | .094 | 7.51 | 1.3403 | .009 | 1 |
| S4 | 2.5000 | 2.4439 | -.056 | -2.24 | 2.4369 | .011 | 1 |
| S5 | 5.0000 | 4.9605 | -.039 | -.790 | 4.9454 | .003 | 1 |

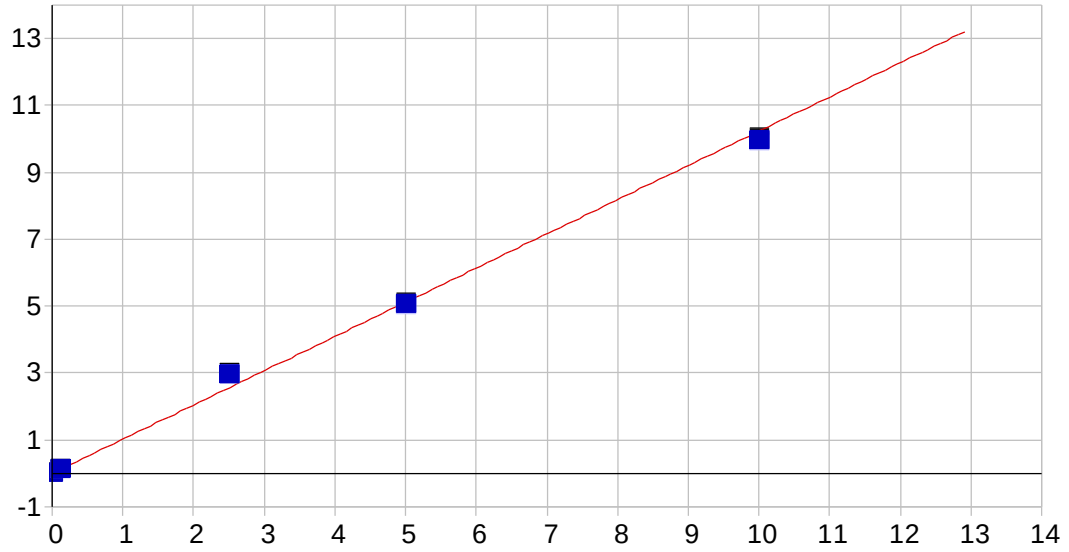



## Cu 224.700 {450}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000128 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.551787 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998992 | Status: | OK. |
| Std Error of Est: | 0.000305 | | |
| Predicted MDL: | 0.000754 | | |
| Predicted MQL: | 0.002514 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00013 | .001 | 1 |
| S1 | .02000 | .02293 | .003 | 14.6 | .01294 | .000 | 1 |
| S3 | .62500 | .69254 | .068 | 10.8 | .38841 | .001 | 1 |
| S4 | 1.2500 | 1.2374 | -.013 | -1.00 | .69524 | .003 | 1 |
| S5 | 2.5000 | 2.4421 | -.058 | -2.32 | 1.3723 | .000 | 1 |

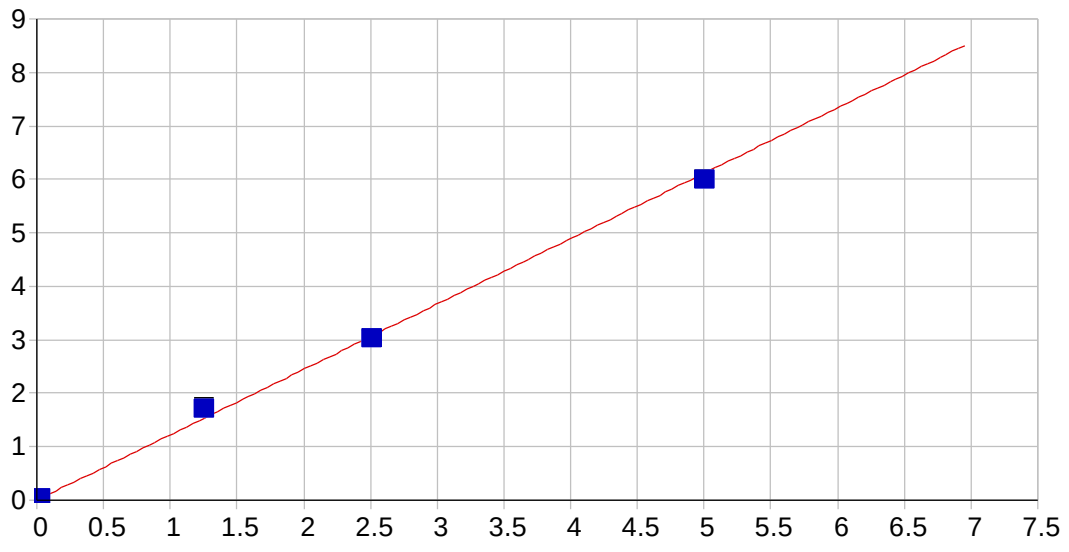



Fe 240.488 {140}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000283 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.023092 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998076 | Status: | OK. |
| Std Error of Est: | 0.003434 | | |
| Predicted MDL: | 0.013362 | | |
| Predicted MQL: | 0.044540 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | .000 | .000 | -.00029 | .011 | 1 |
| S1 | .10000 | .09774 | -.002 | -2.26 | .09960 | .012 | 1 |
| S3 | 2.5000 | 2.8797 | .380 | 15.2 | 2.9413 | .024 | 1 |
| S4 | 5.0000 | 4.9136 | -.086 | -1.73 | 5.0176 | .041 | 1 |
| S5 | 10.000 | 9.7090 | -.291 | -2.91 | 9.9144 | .080 | 1 |

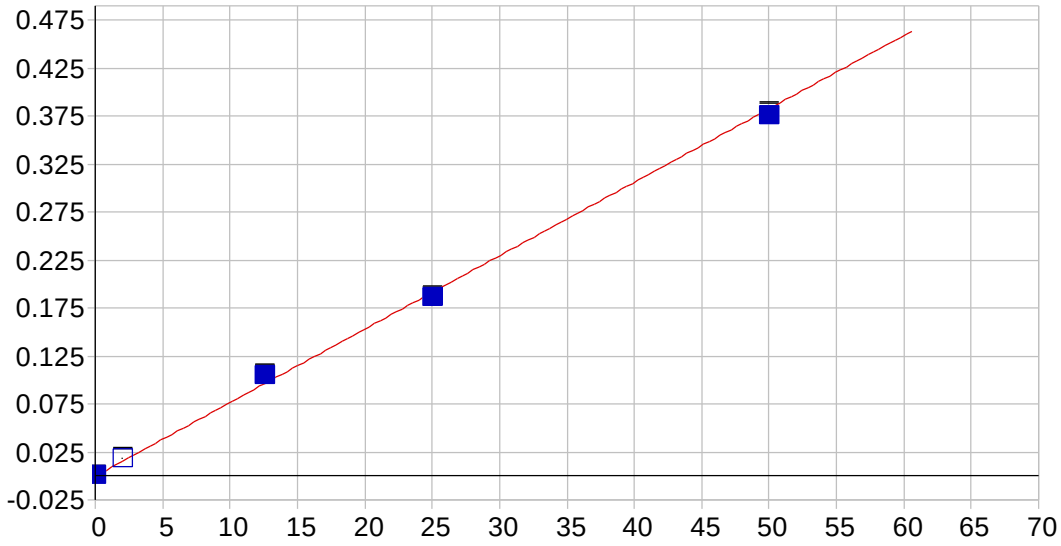


Mn 257.610 {131}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000071 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.223078 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998795 | Status: | OK. |
| Std Error of Est: | 0.001027 | | |
| Predicted MDL: | 0.000083 | | |
| Predicted MQL: | 0.000278 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00007 | .000 | 1 |
| S1 | .02000 | .02275 | .003 | 13.7 | .02789 | .000 | 1 |
| S3 | 1.2500 | 1.3987 | .149 | 11.9 | 1.7107 | .006 | 1 |
| S4 | 2.5000 | 2.4576 | -.042 | -1.69 | 3.0057 | .011 | 1 |
| S5 | 5.0000 | 4.8909 | -.109 | -2.18 | 5.9815 | .003 | 1 |

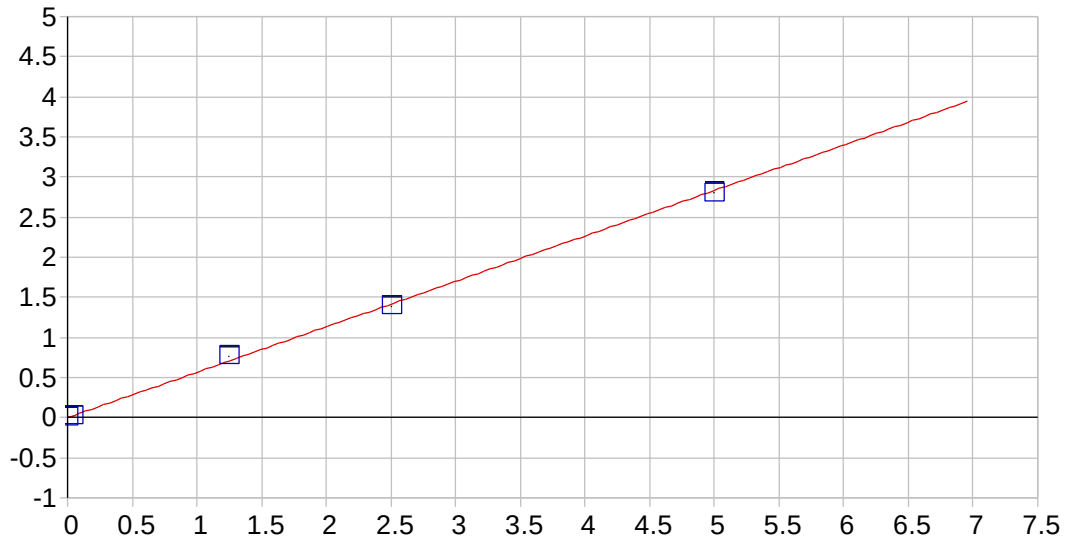



Mg 279.079 {121}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000143 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.007652 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998680 | Status: | OK. |
| Std Error of Est: | 0.000215 | | |
| Predicted MDL: | 0.052143 | | |
| Predicted MQL: | 0.173809 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S2 | 2.0000 | 2.3969 | .397 | 19.8 | .01820 | .000 | 1 |
| S0 | .00000 | -.00050 | .000 | .000 | -.00015 | .000 | 1 |
| S3 | 12.500 | 13.726 | 1.23 | 9.81 | .10479 | .001 | 1 |
| S4 | 25.000 | 24.283 | -.717 | -2.87 | .18547 | .001 | 1 |
| S5 | 50.000 | 49.094 | -.906 | -1.81 | .37513 | .003 | 1 |

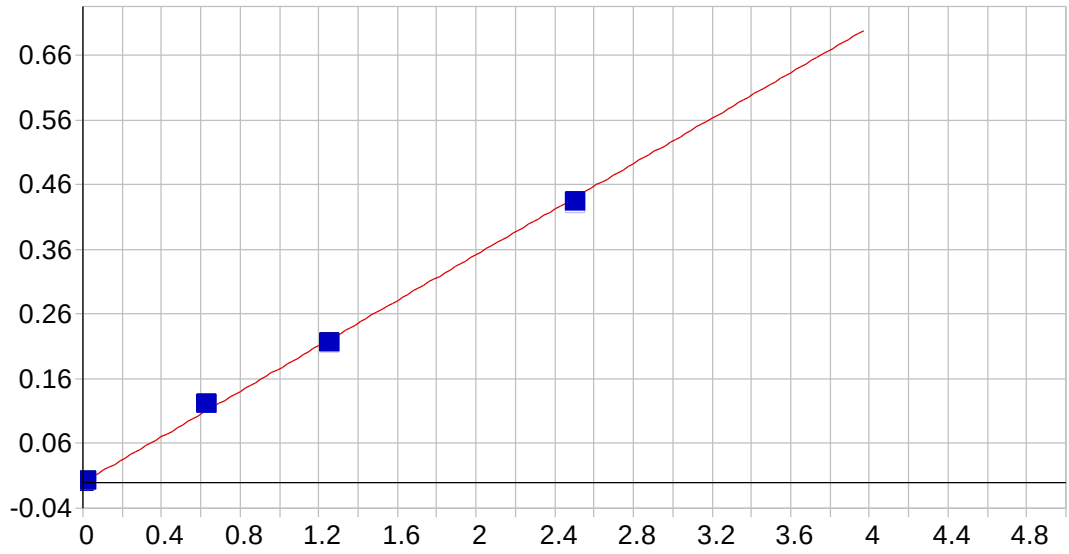



Ni 231.604 {445}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000520 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.566663 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999461 | Status: | OK. |
| Std Error of Est: | 0.000450 | | |
| Predicted MDL: | 0.000593 | | |
| Predicted MQL: | 0.001976 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00052 | .000 | 1 |
| S1 | .04000 | .04275 | .003 | 6.88 | .02371 | .000 | 1 |
| S3 | 1.2500 | 1.3486 | .099 | 7.89 | .76369 | .006 | 1 |
| S4 | 2.5000 | 2.4511 | -.049 | -1.95 | 1.3884 | .005 | 1 |
| S5 | 5.0000 | 4.9475 | -.053 | -1.05 | 2.8030 | .005 | 1 |

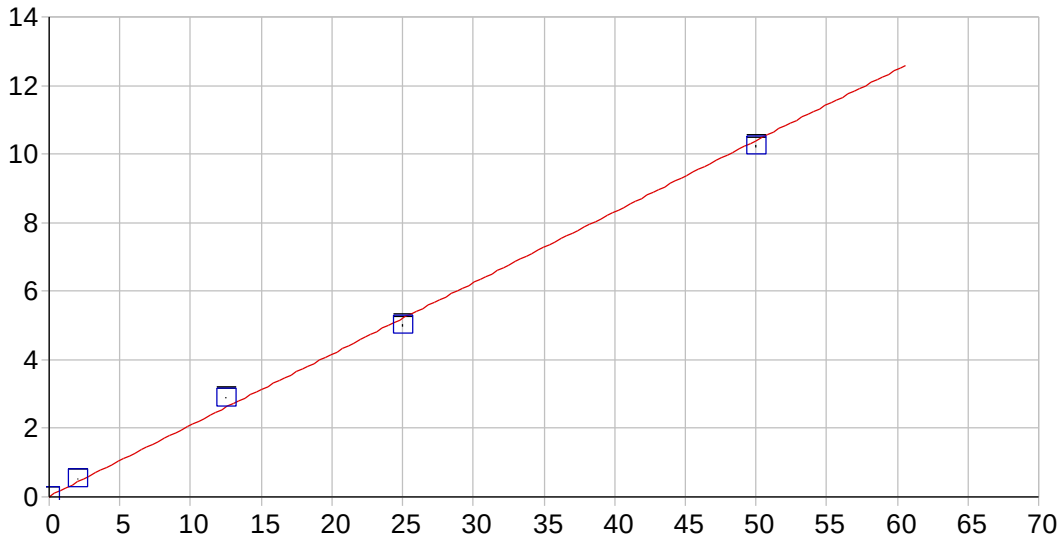


Ag 328.068 {103}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000079 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.175785 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999083 | Status: | OK. |
| Std Error of Est: | 0.000064 | | |
| Predicted MDL: | 0.000860 | | |
| Predicted MQL: | 0.002866 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00008 | .000 | 1 |
| S1 | .01000 | .01125 | .001 | 12.5 | .00187 | .000 | 1 |
| S3 | .62500 | .68886 | .064 | 10.2 | .11997 | .000 | 1 |
| S4 | 1.2500 | 1.2197 | -.030 | -2.43 | .21224 | .001 | 1 |
| S5 | 2.5000 | 2.4652 | -.035 | -1.39 | .42912 | .000 | 1 |

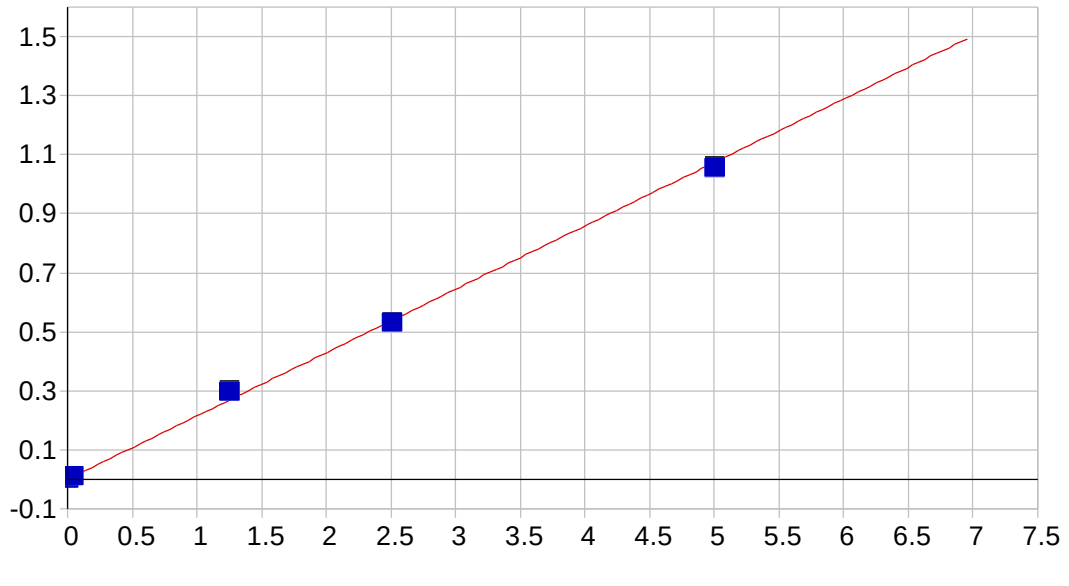



Na 589.592 { 57}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.016496 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.207519 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998441 | Status: | OK. |
| Std Error of Est: | 0.006332 | | |
| Predicted MDL: | 0.013096 | | |
| Predicted MQL: | 0.043655 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S2 | 2.0000 | 2.4400 | .440 | 22.0 | .52284 | .000 | 1 |
| S0 | .00000 | -.00054 | -.001 | .000 | .01638 | .000 | 1 |
| S3 | 12.500 | 13.793 | 1.29 | 10.3 | 2.8788 | .016 | 1 |
| S4 | 25.000 | 24.037 | -.963 | -3.85 | 5.0045 | .052 | 1 |
| S5 | 50.000 | 49.230 | -.770 | -1.54 | 10.233 | .029 | 1 |

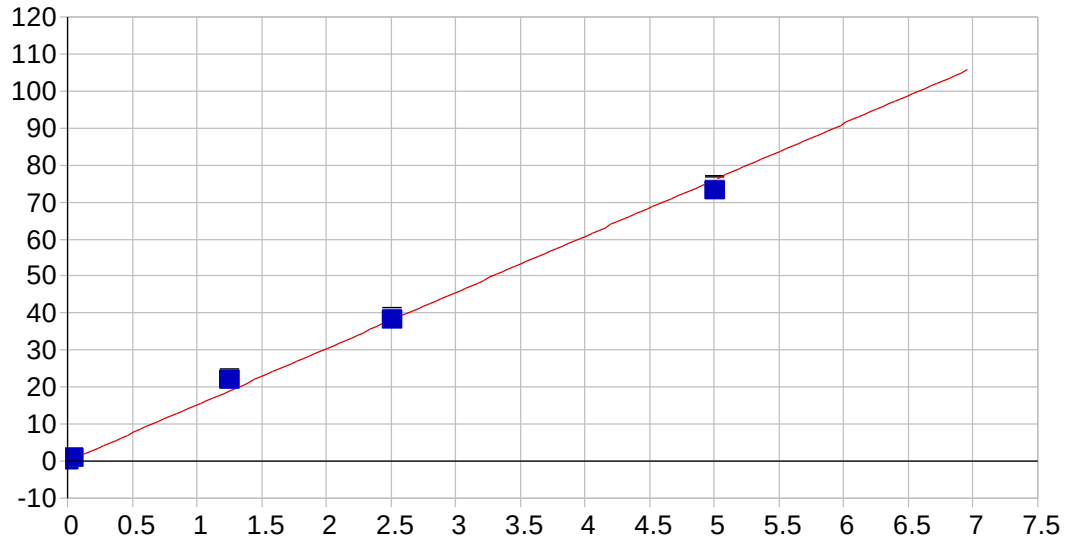



V 292.402 {115}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000140 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.214791 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999104 | Status: | OK. |
| Std Error of Est: | 0.000219 | | |
| Predicted MDL: | 0.000622 | | |
| Predicted MQL: | 0.002073 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | .000 | .000 | -.00014 | .000 | 1 |
| S1 | .04000 | .04254 | .003 | 6.34 | .00886 | .000 | 1 |
| S3 | 1.2500 | 1.3781 | .128 | 10.2 | .29414 | .001 | 1 |
| S4 | 2.5000 | 2.4546 | -.045 | -1.82 | .52362 | .002 | 1 |
| S5 | 5.0000 | 4.9148 | -.085 | -1.70 | 1.0486 | .001 | 1 |

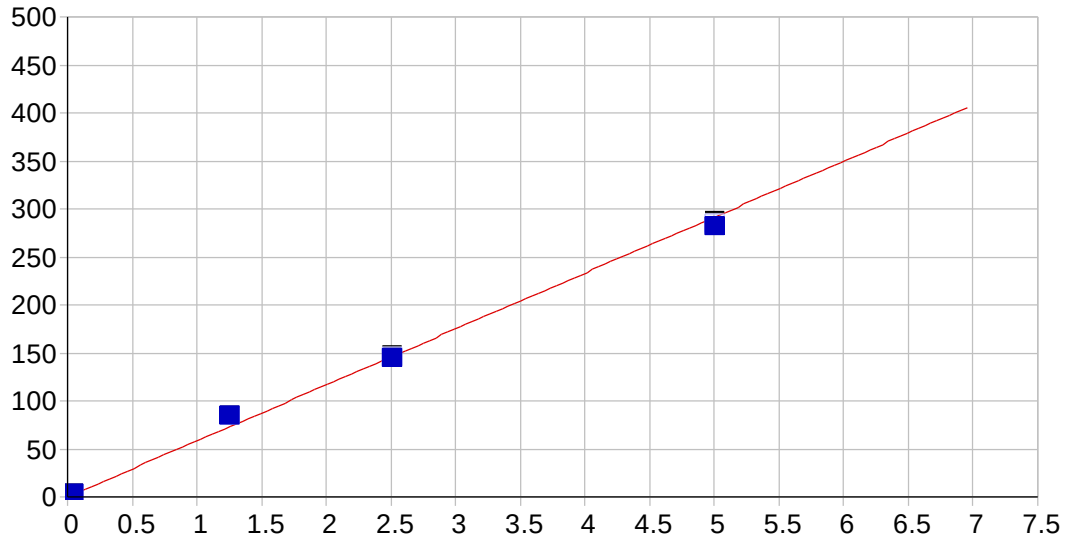


Zn 206.200 {163}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.012537 | Re-Slope: | 1.000000 |
| A1 (Gain): | 15.194632 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.997717 | Status: | OK. |
| Std Error of Est: | 0.025023 | | |
| Predicted MDL: | 0.000926 | | |
| Predicted MQL: | 0.003085 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00002 | .000 | .000 | .01229 | .018 | 1 |
| S1 | .04000 | .05181 | .012 | 29.5 | .80354 | .008 | 1 |
| S3 | 1.2500 | 1.4387 | .189 | 15.1 | 21.980 | .088 | 1 |
| S4 | 2.5000 | 2.5080 | .008 | .322 | 38.333 | .381 | 1 |
| S5 | 5.0000 | 4.7914 | -.209 | -4.17 | 73.239 | 1.23 | 1 |

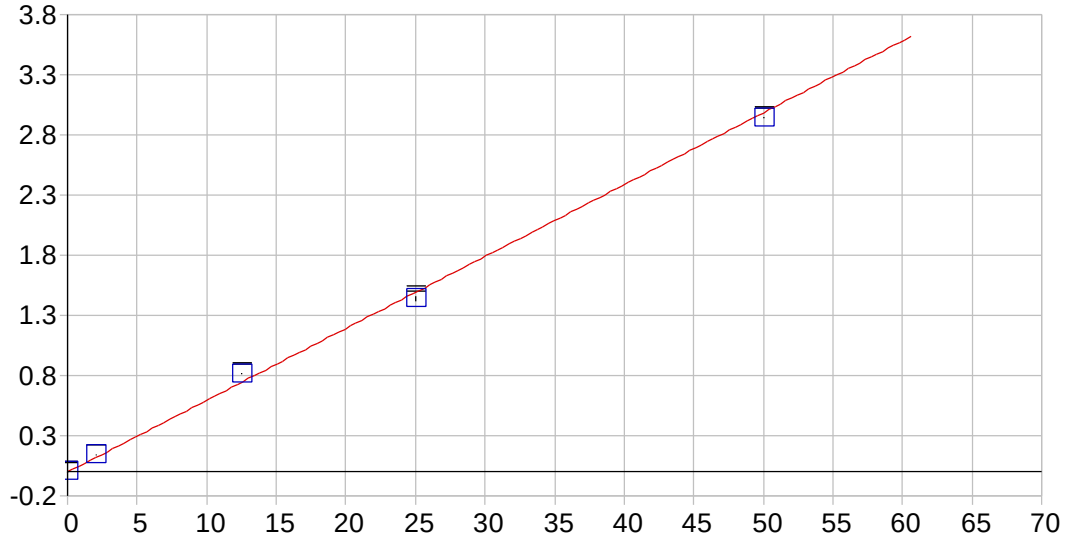



Zn 213.856 {458}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.055748 | Re-Slope: | 1.000000 |
| A1 (Gain): | 58.290037 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998054 | Status: | OK. |
| Std Error of Est: | 0.088608 | | |
| Predicted MDL: | 0.000133 | | |
| Predicted MQL: | 0.000444 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00002 | .000 | .000 | .05485 | .003 | 1 |
| S1 | .04000 | .05134 | .011 | 28.4 | 3.0628 | .004 | 1 |
| S3 | 1.2500 | 1.4291 | .179 | 14.3 | 83.766 | .577 | 1 |
| S4 | 2.5000 | 2.4766 | -.023 | -.936 | 145.23 | 1.39 | 1 |
| S5 | 5.0000 | 4.8329 | -.167 | -3.34 | 283.39 | 3.26 | 1 |

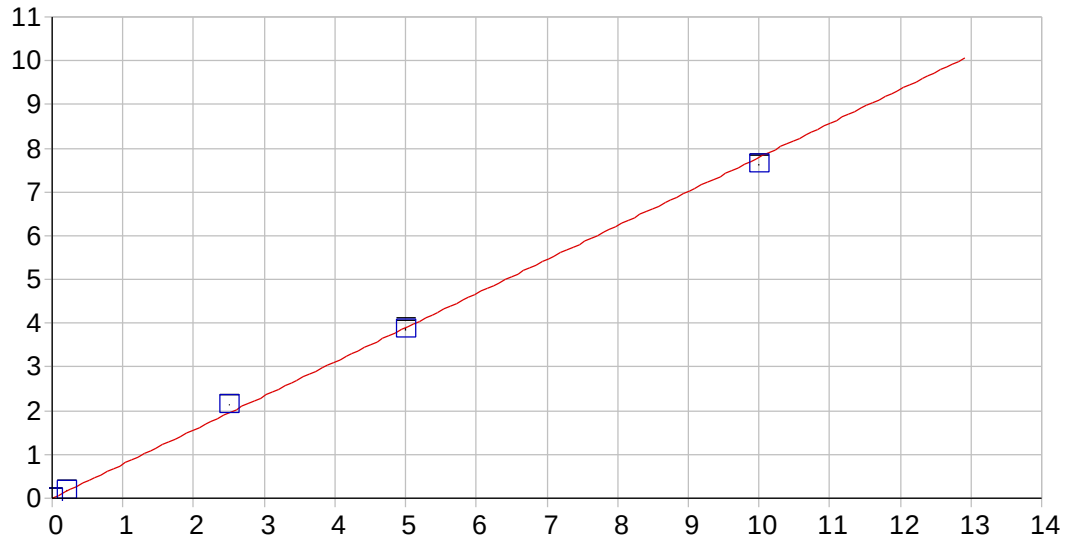



K 766.490 { 44}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.003042 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.059740 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998852 | Status: | OK. |
| Std Error of Est: | 0.001563 | | |
| Predicted MDL: | 0.050164 | | |
| Predicted MQL: | 0.167213 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S2 | 2.0000 | 2.3555 | .355 | 17.8 | .13767 | .001 | 1 |
| S0 | .00000 | -.00045 | .000 | .000 | -.00307 | .002 | 1 |
| S3 | 12.500 | 13.650 | 1.15 | 9.20 | .81241 | .007 | 1 |
| S4 | 25.000 | 24.171 | -.829 | -3.32 | 1.4409 | .019 | 1 |
| S5 | 50.000 | 49.324 | -.676 | -1.35 | 2.9436 | .004 | 1 |

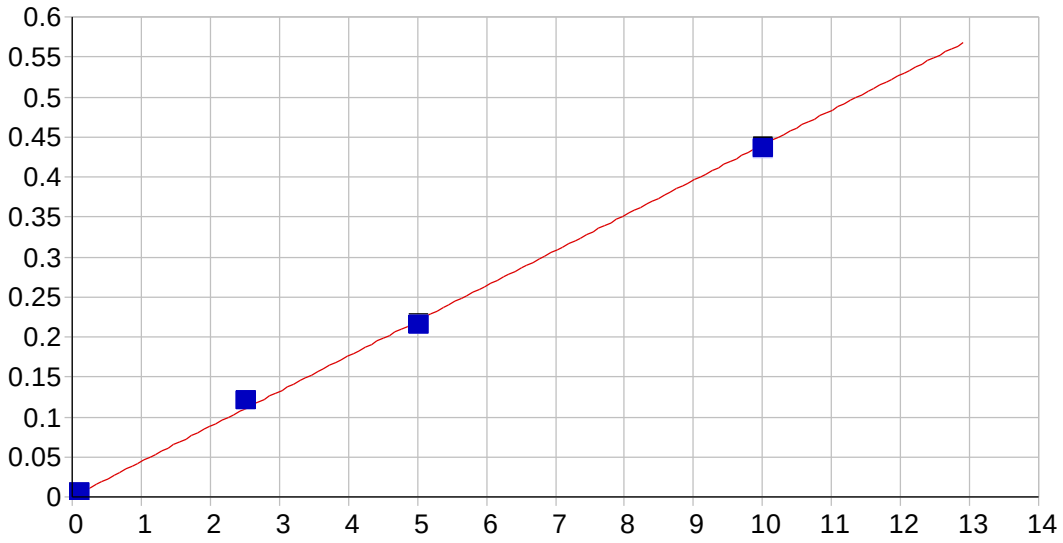


Mo 202.030 {467}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000463 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.778801 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999171 | Status: | OK. |
| Std Error of Est: | 0.002436 | | |
| Predicted MDL: | 0.000384 | | |
| Predicted MQL: | 0.001280 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00003 | .000 | .000 | .00044 | .000 | 1 |
| S1 | .20000 | .21742 | .017 | 8.71 | .16979 | .000 | 1 |
| S3 | 2.5000 | 2.7395 | .239 | 9.58 | 2.1340 | .010 | 1 |
| S4 | 5.0000 | 4.9557 | -.044 | -.886 | 3.8600 | .019 | 1 |
| S5 | 10.000 | 9.7874 | -.213 | -2.13 | 7.6229 | .006 | 1 |

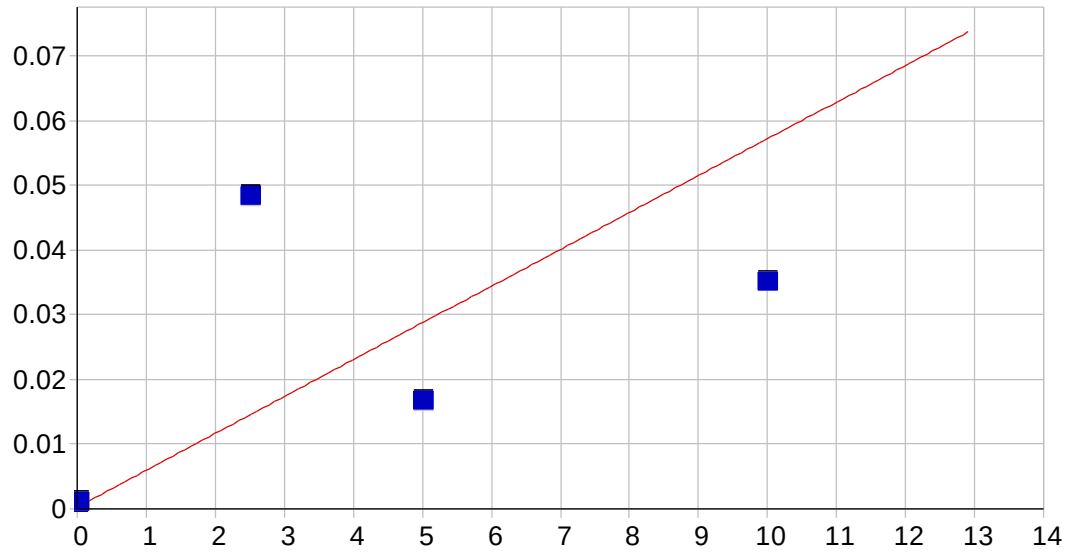



B 249.678 {135}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000266 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.043943 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999296 | Status: | OK. |
| Std Error of Est: | 0.000089 | | |
| Predicted MDL: | 0.008578 | | |
| Predicted MQL: | 0.028594 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | .000 | .000 | .00027 | .000 | 1 |
| S1 | .10000 | .10881 | .009 | 8.81 | .00503 | .000 | 1 |
| S3 | 2.5000 | 2.7227 | .223 | 8.91 | .11976 | .001 | 1 |
| S4 | 5.0000 | 4.8792 | -.121 | -2.42 | .21438 | .001 | 1 |
| S5 | 10.000 | 9.8893 | -.111 | -1.11 | .43424 | .002 | 1 |

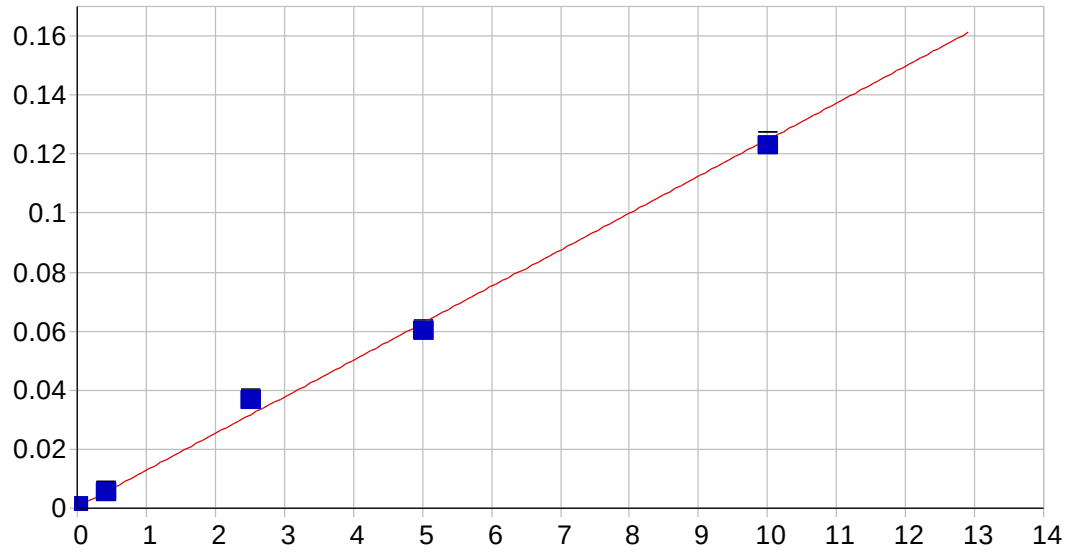



S 182.034 {485}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000295 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.005685 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.710599 | Status: | OK. |
| Std Error of Est: | 0.000136 | | |
| Predicted MDL: | 0.028872 | | |
| Predicted MQL: | 0.096241 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00014 | .000 | .000 | .00029 | .000 | 1 |
| S1 | .02000 | .13398 | .114 | 570. | .00105 | .000 | 1 |
| S3 | 2.5000 | 8.4208 | 5.92 | 237. | .04814 | .000 | 1 |
| S4 | 5.0000 | 2.8545 | -2.15 | -42.9 | .01646 | .000 | 1 |
| S5 | 10.000 | 6.1136 | -3.89 | -38.9 | .03493 | .000 | 1 |

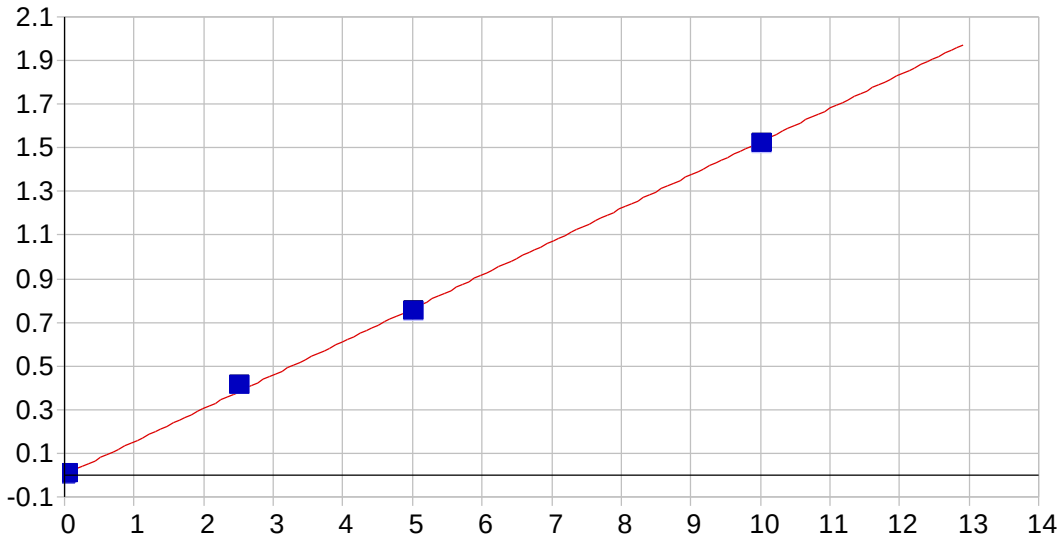


Si 288.158 {117}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000395 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.012448 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.997769 | Status: | OK. |
| Std Error of Est: | 0.000091 | | |
| Predicted MDL: | 0.032230 | | |
| Predicted MQL: | 0.107433 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00004 | .000 | .000 | .00039 | .000 | 1 |
| S1 | .40000 | .39801 | -.002 | -.497 | .00534 | .000 | 1 |
| S3 | 2.5000 | 2.9092 | .409 | 16.4 | .03661 | .000 | 1 |
| S4 | 5.0000 | 4.7815 | -.219 | -4.37 | .05992 | .001 | 1 |
| S5 | 10.000 | 9.8113 | -.189 | -1.89 | .12253 | .001 | 1 |

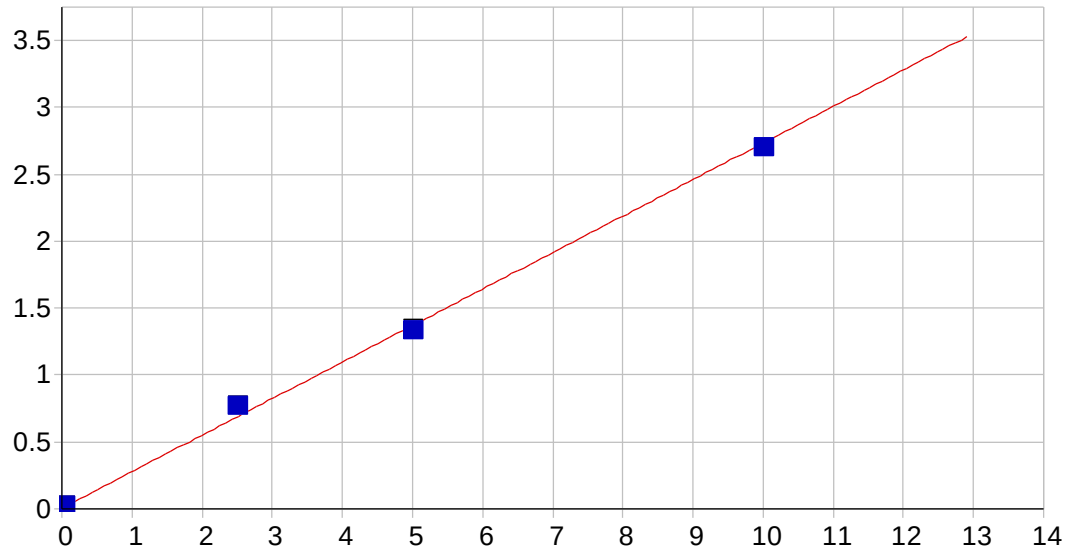



Sn 189.989 {477}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000118 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.152809 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999564 | Status: | OK. |
| Std Error of Est: | 0.000154 | | |
| Predicted MDL: | 0.001224 | | |
| Predicted MQL: | 0.004081 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00012 | .000 | 1 |
| S1 | .04000 | .04255 | .003 | 6.37 | .00637 | .000 | 1 |
| S3 | 2.5000 | 2.6757 | .176 | 7.03 | .40780 | .002 | 1 |
| S4 | 5.0000 | 4.8963 | -.104 | -2.07 | .74616 | .004 | 1 |
| S5 | 10.000 | 9.9254 | -.075 | -.746 | 1.5127 | .001 | 1 |

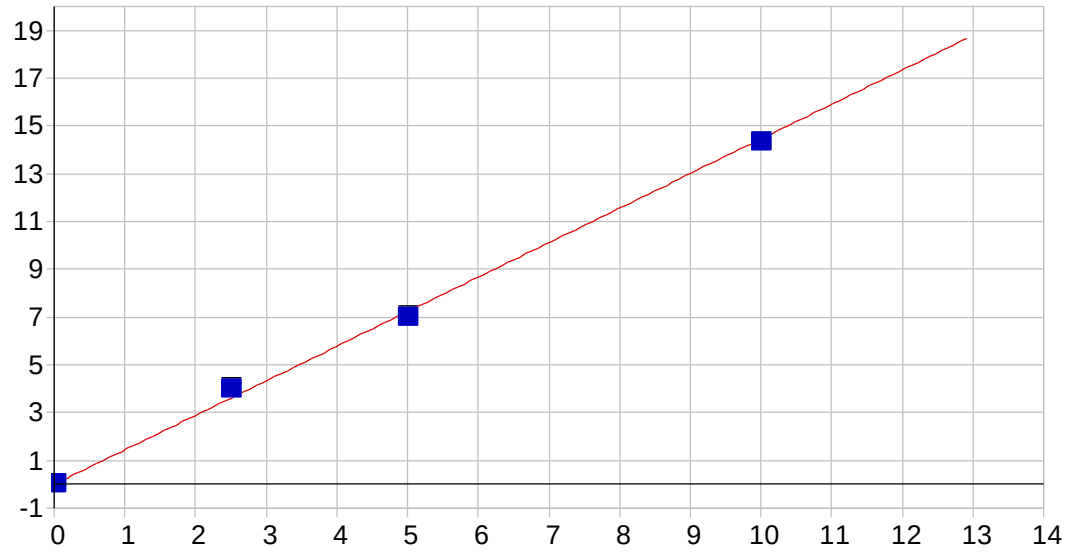



Ti 336.121 {100}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.005001 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.272941 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998926 | Status: | OK. |
| Std Error of Est: | 0.000433 | | |
| Predicted MDL: | 0.002411 | | |
| Predicted MQL: | 0.008038 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | .000 | .000 | .00500 | .000 | 1 |
| S1 | .04000 | .04465 | .005 | 11.6 | .01718 | .000 | 1 |
| S3 | 2.5000 | 2.7782 | .278 | 11.1 | .76297 | .002 | 1 |
| S4 | 5.0000 | 4.8516 | -.148 | -2.97 | 1.3286 | .012 | 1 |
| S5 | 10.000 | 9.8655 | -.134 | -1.34 | 2.6964 | .005 | 1 |

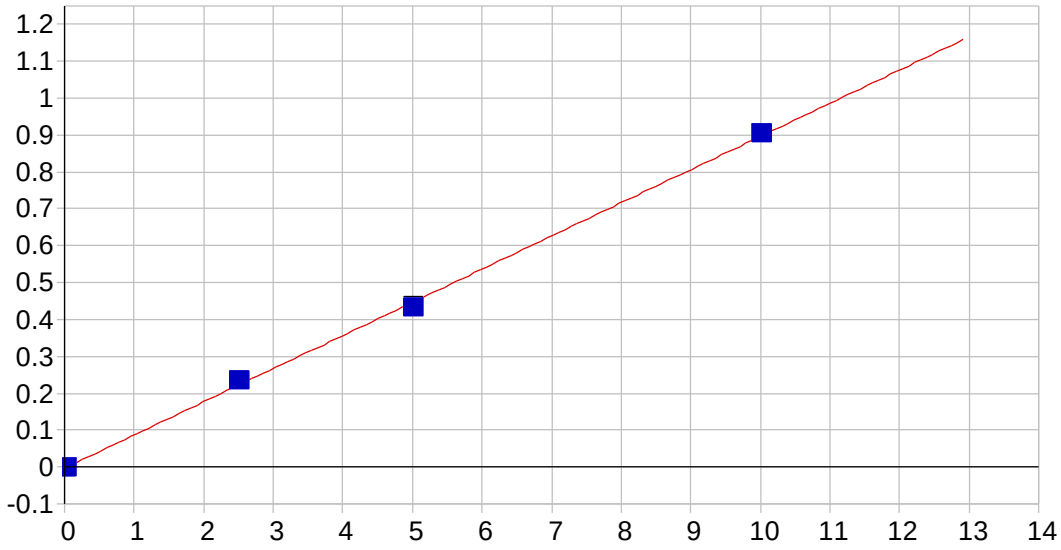


Li 670.784 { 50}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.004960 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.445941 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998920 | Status: | OK. |
| Std Error of Est: | 0.001625 | | |
| Predicted MDL: | 0.002034 | | |
| Predicted MQL: | 0.006779 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | .000 | .000 | -.00497 | .001 | 1 |
| S1 | .02000 | .02764 | .008 | 38.2 | .03501 | .001 | 1 |
| S3 | 2.5000 | 2.7658 | .266 | 10.6 | 3.9946 | .019 | 1 |
| S4 | 5.0000 | 4.8325 | -.167 | -3.35 | 6.9834 | .064 | 1 |
| S5 | 10.000 | 9.8940 | -.106 | -1.06 | 14.303 | .043 | 1 |

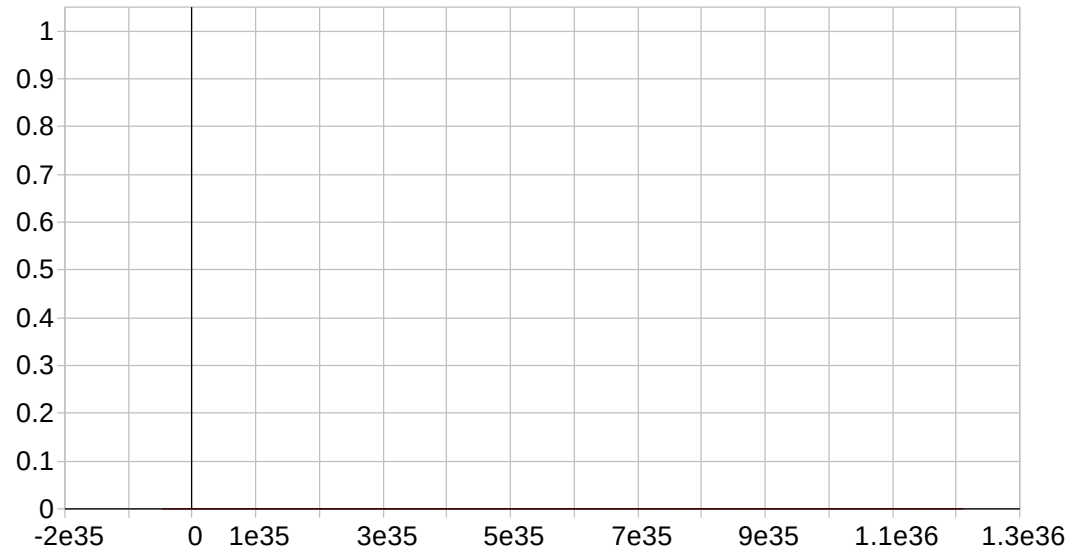



P 177.495 {490}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.003137 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.089937 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999656 | Status: | OK. |
| Std Error of Est: | 0.000057 | | |
| Predicted MDL: | 0.002186 | | |
| Predicted MQL: | 0.007288 | | |

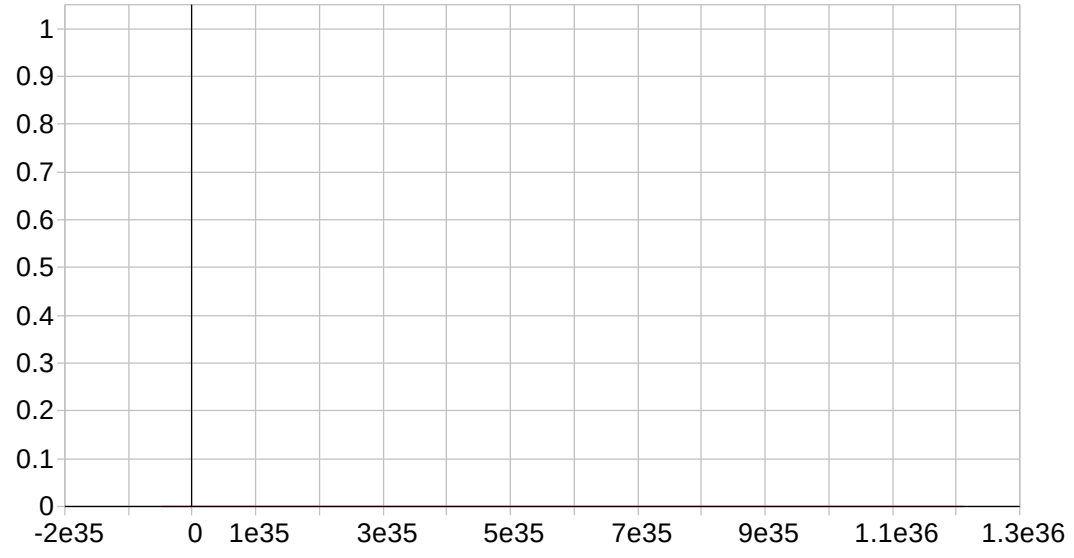
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00314 | .000 | 1 |
| S1 | .02000 | .02051 | .001 | 2.54 | -.00129 | .000 | 1 |
| S3 | 2.5000 | 2.6144 | .114 | 4.58 | .23218 | .002 | 1 |
| S4 | 5.0000 | 4.8206 | -.179 | -3.59 | .43079 | .003 | 1 |
| S5 | 10.000 | 10.064 | .064 | .645 | .90278 | .001 | 1 |




Y 224.306 {450}*

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

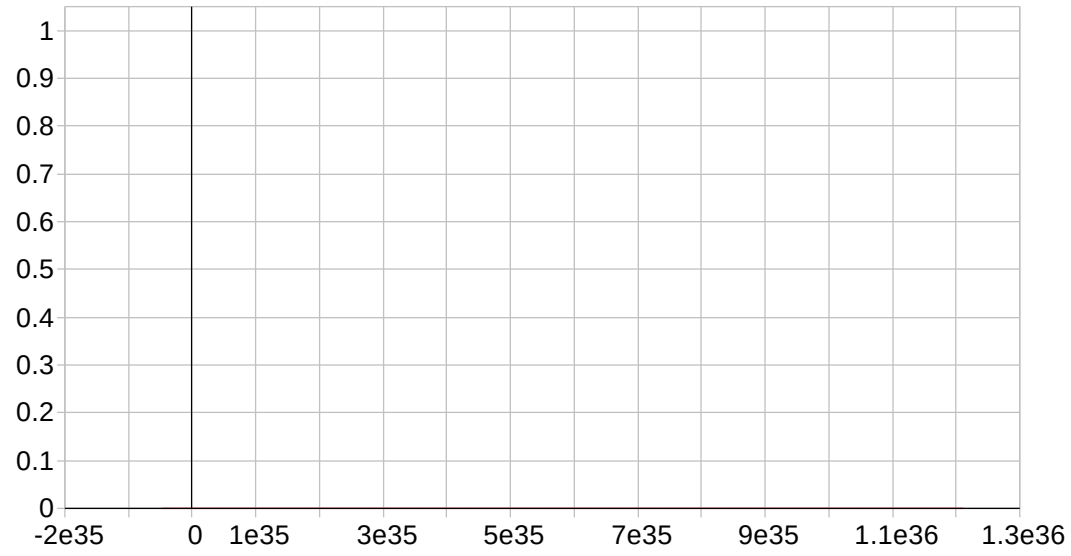



Y 360.073 { 94}*

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

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

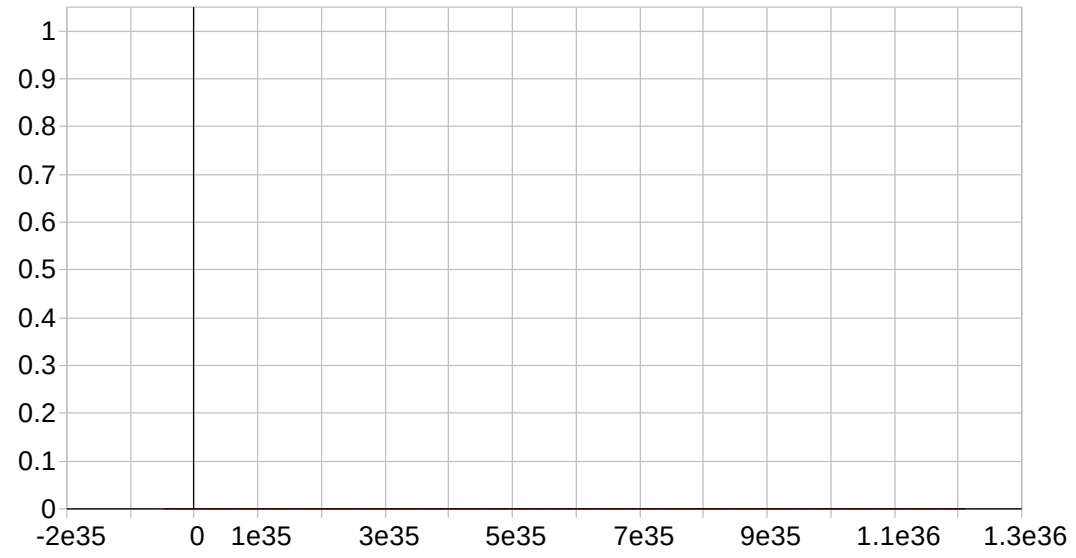
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|




Y 371.030 { 91}*

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

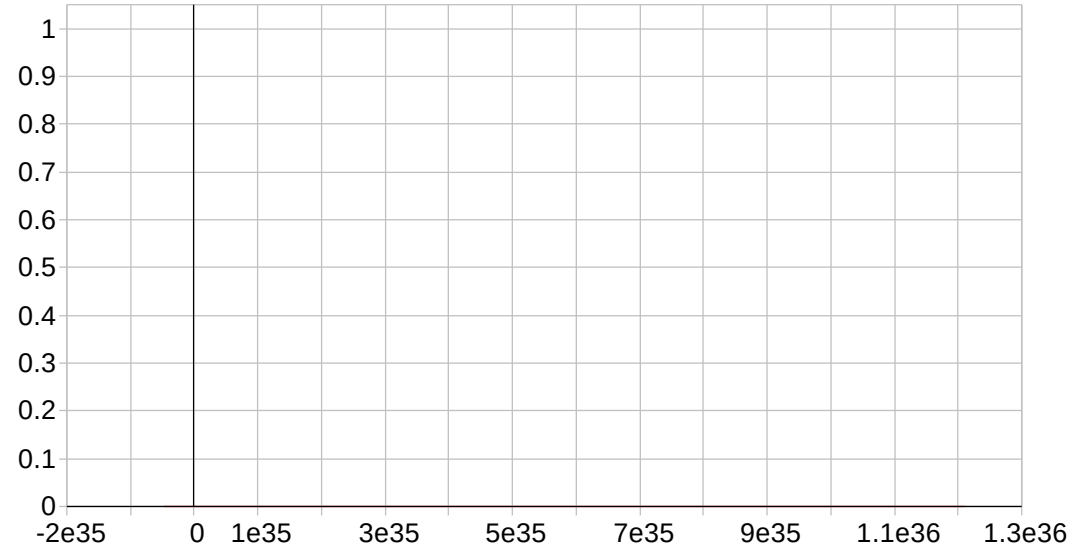
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|




ln 230.606 {146}*

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

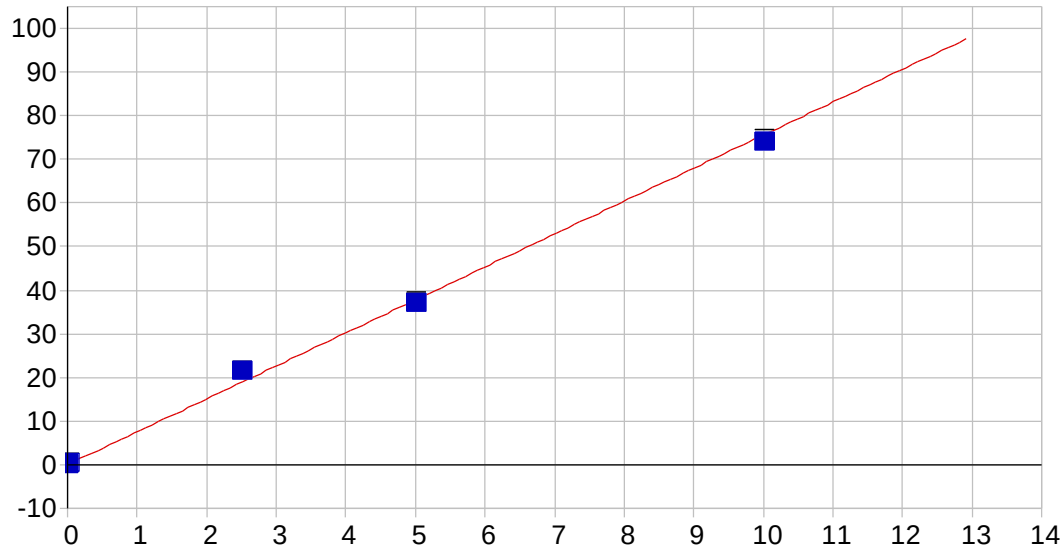



ln 230.606 {446}*

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

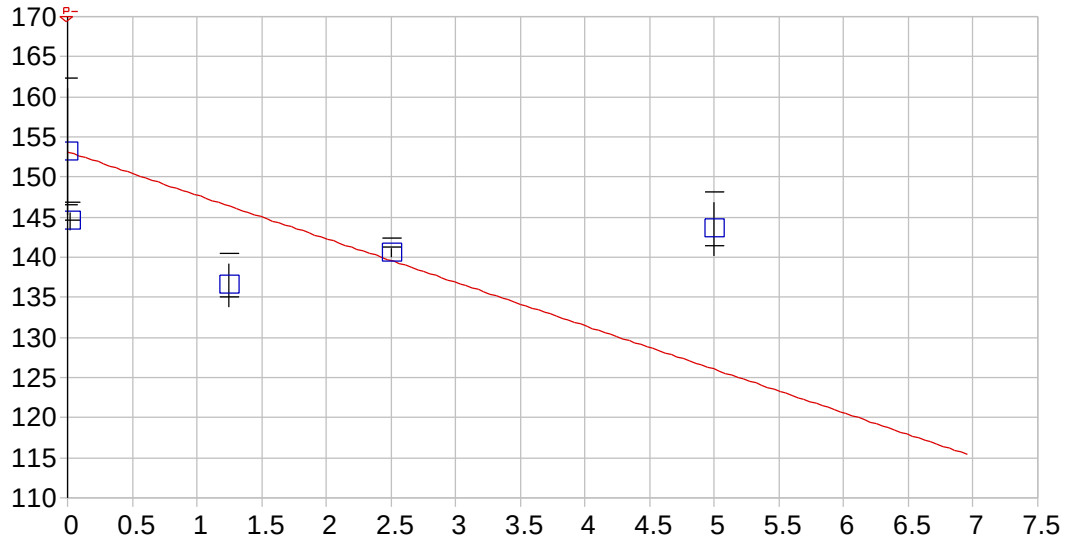



Sr 407.771 { 83}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.003657 | Re-Slope: | 1.000000 |
| A1 (Gain): | 7.554938 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998613 | Status: | OK. |
| Std Error of Est: | 0.009624 | | |
| Predicted MDL: | 0.000153 | | |
| Predicted MQL: | 0.000511 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00369 | .001 | 1 |
| S1 | .02000 | .02281 | .003 | 14.1 | .16869 | .001 | 1 |
| S3 | 2.5000 | 2.8213 | .321 | 12.9 | 21.318 | .115 | 1 |
| S4 | 5.0000 | 4.9019 | -.098 | -1.96 | 37.042 | .336 | 1 |
| S5 | 10.000 | 9.7740 | -.226 | -2.26 | 73.863 | .759 | 1 |

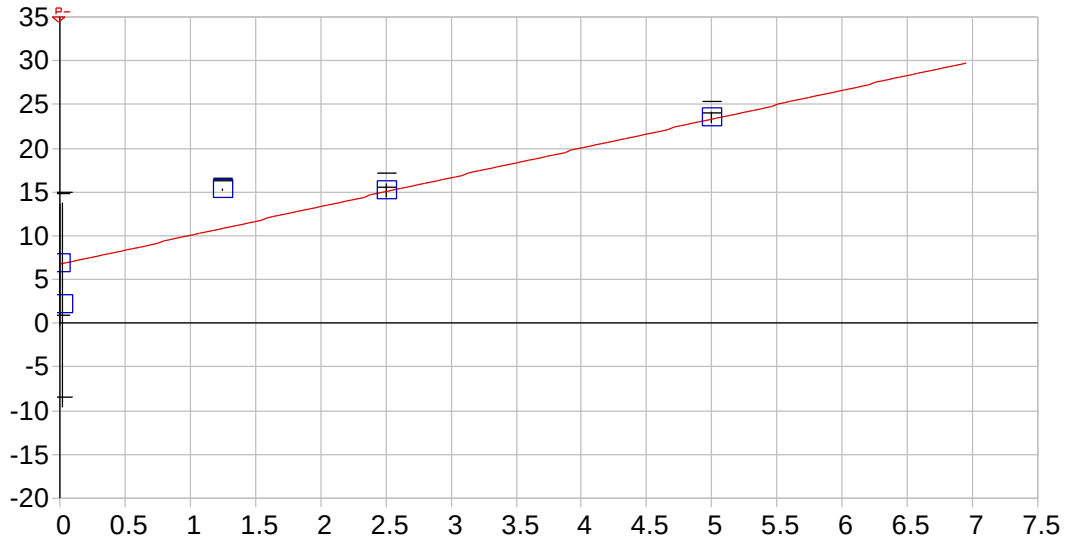



U 367.007 { 92}

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 153.155782 | Re-Slope: | 1.000000 |
| A1 (Gain): | -5.425701 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.250381 | Status: | Warning Negative Gain |
| Std Error of Est: | 0.358512 | | |
| Predicted MDL: | n/a | | |
| Predicted MQL: | n/a | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00160 | -.002 | .000 | 153.16 | 7.91 | 1 |
| S1 | .02000 | 1.6091 | 1.59 | 7950. | 144.43 | 1.15 | 1 |
| S3 | 1.2500 | 3.0664 | 1.82 | 145. | 136.52 | 2.70 | 1 |
| S4 | 2.5000 | 2.3220 | -.178 | -7.12 | 140.56 | .565 | 1 |
| S5 | 5.0000 | 1.7725 | -3.23 | -64.5 | 143.54 | 3.36 | 1 |



U 385.958 { 87}

| | | | |
|---|---|---|---|
| Date of Fit: | 11/16/2017 14:36:03 | Type of Fit: | Linear |
| Weighting: | 1/Conc | | |

| | | | |
|---|---|---|---|
| A0 (Offset): | 6.696425 | Re-Slope: | 1.000000 |
| A1 (Gain): | 3.321716 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.281797 | Status: | OK. |
| Std Error of Est: | 0.193272 | | |
| Predicted MDL: | 3.635036 | | |
| Predicted MQL: | 12.116786 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00139 | .001 | .000 | 6.7011 | 6.94 | 1 |
| S1 | .02000 | -1.3956 | -1.42 | -7080. | 2.0608 | 11.7 | 1 |
| S3 | 1.2500 | 2.5622 | 1.31 | 105. | 15.207 | .132 | 1 |
| S4 | 2.5000 | 2.5431 | .043 | 1.72 | 15.144 | .769 | 1 |
| S5 | 5.0000 | 5.0602 | .060 | 1.20 | 23.505 | .689 | 1 |

Sample Name: S0 Acquired: 11/16/2017 10:13:40 Type: Cal
Method: P4-ICP2(v1810) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .00008 | -.00021 | -.00014 | .00023 | .00047 | -.00004 | .03273 | .00003 |
| Stddev | .00007 | .00022 | .00014 | .00002 | .00005 | .00005 | .00113 | .00005 |
| %RSD | 94.826 | 103.63 | 104.57 | 7.6972 | 10.771 | 138.82 | 3.4533 | 172.21 |
| | | | | | | | | |
| #1 | .00003 | -.00036 | -.00024 | .00025 | .00051 | -.00007 | .03353 | .00006 |
| #2 | .00013 | -.00006 | -.00004 | .00022 | .00044 | .00000 | .03193 | -.00001 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | -.00034 | .00167 | .00005 | .00084 | .00013 | -.00029 | .00007 | -.00015 |
| Stddev | .00039 | .00062 | .00009 | .00017 | .00070 | .01142 | .00003 | .00039 |
| %RSD | 112.40 | 37.242 | 165.95 | 20.043 | 559.43 | 3911.3 | 51.416 | 265.74 |
| | | | | | | | | |
| #1 | -.00007 | .00123 | -.00001 | .00072 | .00062 | .00778 | .00004 | .00013 |
| #2 | -.00062 | .00211 | .00011 | .00096 | -.00037 | -.00837 | .00009 | -.00042 |

| Elem | Ni2316 | Ag3280 | Na5895 | V 2924 | Zn2138 | K 7664 | Mo2020 | B 2496 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | -.00052 | -.00008 | .01638 | -.00014 | .05485 | -.00307 | .00044 | .00027 |
| Stddev | .00006 | .00018 | .00002 | .00014 | .00331 | .00187 | .00019 | .00006 |
| %RSD | 11.458 | 226.66 | .10022 | 98.935 | 6.0350 | 61.080 | 43.847 | 23.234 |
| | | | | | | | | |
| #1 | -.00057 | .00005 | .01637 | -.00004 | .05251 | -.00439 | .00057 | .00031 |
| #2 | -.00048 | -.00021 | .01640 | -.00024 | .05719 | -.00174 | .00030 | .00022 |

| Elem | S 1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P 1774 | Sr4077 | U 3670 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .00029 | .00039 | -.00012 | .00500 | -.00497 | -.0031 | -.00369 | 153.16 |
| Stddev | .00016 | .00012 | .00008 | .00033 | .00128 | .0001 | .00069 | 7.91 |
| %RSD | 53.181 | 30.162 | 63.521 | 6.5075 | 25.782 | 2.835 | 18.560 | 5.1616 |
| | | | | | | | | |
| #1 | .00040 | .00031 | -.00017 | .00477 | -.00407 | -.0032 | -.00418 | 147.57 |
| #2 | .00018 | .00048 | -.00007 | .00523 | -.00588 | -.0031 | -.00321 | 158.75 |

Sample Name: S0 Acquired: 11/16/2017 10:13:40 Type: Cal
Method: P4-ICP2(v1810) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | U 3859 |
|---|---|
| Units | Cts/S |
| Avg | 6.7011 |
| Stddev | 6.9398 |
| %RSD | 103.56 |
| | |
| #1 | 11.608 |
| #2 | 1.7939 |

| Int. Std. | Y 2243 | Y 3600 | Y 3710 | In2306 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2731.7 | 40450. | 5032.2 | 89.218 | 3172.4 |
| Stddev | 3.5 | 36. | 7.5 | 2.006 | 9.3 |
| %RSD | .12743 | .08842 | .14927 | 2.2480 | .29465 |
| | | | | | |
| #1 | 2729.2 | 40475. | 5026.9 | 87.800 | 3165.8 |
| #2 | 2734.1 | 40425. | 5037.6 | 90.636 | 3179.1 |

Sample Name: S1 Acquired: 11/16/2017 10:17:46 Type: Cal
Method: P4-ICP2(v1810) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
|---|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .00118 | .00446 | .00126 | .00165 | .00792 | .00137 | .44234 | .00553 | .01761 |
| Stddev | .00000 | .00006 | .00023 | .00016 | .00039 | .00004 | .00276 | .00010 | .00000 |
| %RSD | .22684 | 1.3350 | 18.257 | 9.9253 | 4.9439 | 3.0992 | .62291 | 1.7489 | .01124 |
| #1 | .00118 | .00442 | .00142 | .00177 | .00819 | .00140 | .44429 | .00547 | .01761 |
| #2 | .00119 | .00450 | .00109 | .00154 | .00764 | .00134 | .44039 | .00560 | .01761 |

| Elem | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Ni2316 | Ag3280 | V 2924 | Zn2138 |
|---|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .00167 | .03228 | .01294 | .09960 | .02789 | .02371 | .00187 | .00886 | 3.0628 |
| Stddev | .00006 | .00031 | .00038 | .01208 | .00025 | .00046 | .00015 | .00014 | .0040 |
| %RSD | 3.7967 | .95993 | 2.9179 | 12.129 | .90821 | 1.9392 | 7.8539 | 1.6232 | .12917 |
| #1 | .00171 | .03250 | .01320 | .10814 | .02807 | .02338 | .00197 | .00896 | 3.0600 |
| #2 | .00162 | .03206 | .01267 | .09105 | .02771 | .02403 | .00176 | .00876 | 3.0656 |

| Elem | Mo2020 | B 2496 | S 1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P 1774 | Sr4077 |
|---|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .16979 | .00503 | .00105 | .00534 | .00637 | .01718 | .03501 | .0013 | .16869 |
| Stddev | .00006 | .00006 | .00009 | .00009 | .00027 | .00044 | .00090 | .0001 | .00060 |
| %RSD | .03436 | 1.2446 | 8.0817 | 1.6990 | 4.2701 | 2.5733 | 2.5753 | 9.459 | .35739 |
| #1 | .16983 | .00499 | .00111 | .00528 | .00618 | .01749 | .03565 | -.0012 | .16912 |
| #2 | .16975 | .00508 | .00099 | .00541 | .00657 | .01686 | .03437 | -.0014 | .16826 |

| Elem | U 3670 | U 3859 |
|---|---|---|
| Units | Cts/S | Cts/S |
| Avg | 144.43 | 2.0608 |
| Stddev | 1.15 | 11.670 |
| %RSD | .79852 | 566.30 |
| #1 | 145.24 | 10.313 |
| #2 | 143.61 | -6.1913 |

Sample Name: S1 Acquired: 11/16/2017 10:17:46 Type: Cal
Method: P4-ICP2(v1810) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2619.0 | 38833. | 4934.7 | 88.759 | 3030.7 |
| Stddev | 6.7 | 190. | 19.9 | .411 | 8.5 |
| %RSD | .25445 | .49021 | .40324 | .46351 | .28186 |
| | | | | | |
| #1 | 2614.3 | 38699. | 4948.8 | 88.468 | 3024.6 |
| #2 | 2623.7 | 38968. | 4920.7 | 89.050 | 3036.7 |

Sample Name: S2 Acquired: 11/16/2017 10:21:51 Type: Cal
Method: P4-ICP2(v1810) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Ca3736 | Mg2790 | Na5895 | K_ 7664 |
|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .12502 | .01820 | .52284 | .13767 |
| Stddev | .00064 | .00027 | .00030 | .00107 |
| %RSD | .51069 | 1.5048 | .05660 | .77938 |
| | | | | |
| #1 | .12547 | .01801 | .52305 | .13691 |
| #2 | .12457 | .01839 | .52263 | .13843 |

| Int. Std. | Y_ 3710 |
|---|---|
| Units | Cts/S |
| Avg | 4995.0 |
| Stddev | 1.6 |
| %RSD | .03183 |
| | |
| #1 | 4996.1 |
| #2 | 4993.9 |

Sample Name: S3 Acquired: 11/16/2017 10:25:51 Type: Cal
Method: P4-ICP2(v1810) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
|---|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .13306 | .28696 | .39141 | .18522 | .37761 | .05605 | 21.020 | .11802 | 3.9097 |
| Stddev | .00039 | .00128 | .00180 | .00177 | .00129 | .00004 | .098 | .00040 | .0196 |
| %RSD | .29058 | .44495 | .46012 | .95775 | .34116 | .08026 | .46425 | .34018 | .49997 |
| #1 | .13333 | .28786 | .39268 | .18647 | .37852 | .05602 | 21.089 | .11830 | 3.9235 |
| #2 | .13278 | .28605 | .39013 | .18396 | .37670 | .05608 | 20.951 | .11774 | 3.8959 |

| Elem | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .67746 | .08639 | 1.3403 | .38841 | 2.9413 | 1.7107 | .10479 | .76369 | .11997 |
| Stddev | .00053 | .00014 | .0088 | .00120 | .0241 | .0062 | .00147 | .00560 | .00010 |
| %RSD | .07810 | .15705 | .65368 | .30946 | .82090 | .36071 | 1.4035 | .73343 | .08558 |
| #1 | .67784 | .08629 | 1.3465 | .38926 | 2.9242 | 1.7150 | .10583 | .76765 | .12005 |
| #2 | .67709 | .08649 | 1.3341 | .38756 | 2.9583 | 1.7063 | .10375 | .75973 | .11990 |

| Elem | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2.8788 | .29414 | 83.766 | .81241 | 2.1340 | .11976 | .04814 | .03661 | .40780 |
| Stddev | .0162 | .00138 | .577 | .00697 | .0103 | .00060 | .00021 | .00024 | .00249 |
| %RSD | .56357 | .47085 | .68918 | .85734 | .48229 | .49707 | .43111 | .65140 | .60972 |
| #1 | 2.8903 | .29512 | 84.174 | .81733 | 2.1413 | .12018 | .04828 | .03678 | .40955 |
| #2 | 2.8674 | .29316 | 83.358 | .80748 | 2.1267 | .11934 | .04799 | .03644 | .40604 |

| Elem | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 | U_ 3859 |
|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .76297 | 3.9946 | .2322 | 21.318 | 136.52 | 15.207 |
| Stddev | .00211 | .0194 | .0019 | .115 | 2.70 | .132 |
| %RSD | .27661 | .48571 | .8094 | .53823 | 1.9761 | .87094 |
| #1 | .76446 | 4.0083 | .2335 | 21.399 | 134.61 | 15.301 |
| #2 | .76148 | 3.9809 | .2309 | 21.236 | 138.43 | 15.114 |

Sample Name: S3 Acquired: 11/16/2017 10:25:51 Type: Cal
Method: P4-ICP2(v1810) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2645.0 | 38493. | 5025.4 | 84.371 | 2982.9 |
| Stddev | 14.8 | 159. | 57.8 | .732 | 21.5 |
| %RSD | .56040 | .41366 | 1.1494 | .86812 | .71926 |
| | | | | | |
| #1 | 2634.5 | 38380. | 4984.6 | 83.853 | 2967.7 |
| #2 | 2655.5 | 38606. | 5066.2 | 84.889 | 2998.1 |

Sample Name: S4 Acquired: 11/16/2017 10:29:40 Type: Cal
Method: P4-ICP2(v1810) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
|---|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .24186 | .51905 | .71157 | .33051 | .68408 | .09711 | 36.910 | .20828 | 7.1103 |
| Stddev | .00117 | .00210 | .00259 | .00314 | .00267 | .00033 | .363 | .00126 | .0349 |
| %RSD | .48358 | .40518 | .36432 | .94929 | .39102 | .34317 | .98340 | .60650 | .49077 |
| #1 | .24269 | .52054 | .71341 | .33273 | .68598 | .09688 | 37.166 | .20739 | 7.1349 |
| #2 | .24103 | .51756 | .70974 | .32829 | .68219 | .09735 | 36.653 | .20917 | 7.0856 |

| Elem | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1.1721 | .15231 | 2.4369 | .69524 | 5.0176 | 3.0057 | .18547 | 1.3884 | .21224 |
| Stddev | .0117 | .00100 | .0111 | .00255 | .0414 | .0112 | .00142 | .0049 | .00102 |
| %RSD | .99387 | .65549 | .45617 | .36649 | .82562 | .37307 | .76476 | .35396 | .48219 |
| #1 | 1.1803 | .15160 | 2.4448 | .69704 | 5.0469 | 2.9978 | .18648 | 1.3919 | .21152 |
| #2 | 1.1638 | .15302 | 2.4290 | .69344 | 4.9883 | 3.0137 | .18447 | 1.3850 | .21297 |

| Elem | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 5.0045 | .52362 | 145.23 | 1.4409 | 3.8600 | .21438 | .01646 | .05992 | .74616 |
| Stddev | .0515 | .00204 | 1.39 | .0193 | .0186 | .00078 | .00023 | .00057 | .00362 |
| %RSD | 1.0293 | .38921 | .95749 | 1.3370 | .48160 | .36485 | 1.3758 | .94722 | .48533 |
| #1 | 5.0410 | .52218 | 146.21 | 1.4545 | 3.8731 | .21493 | .01662 | .06032 | .74872 |
| #2 | 4.9681 | .52507 | 144.25 | 1.4273 | 3.8468 | .21383 | .01630 | .05951 | .74360 |

| Elem | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 | U_ 3859 |
|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1.3286 | 6.9834 | .4308 | 37.042 | 140.56 | 15.144 |
| Stddev | .0117 | .0644 | .0027 | .336 | .57 | .769 |
| %RSD | .88222 | .92149 | .6279 | .90601 | .40223 | 5.0759 |
| #1 | 1.3369 | 7.0289 | .4327 | 37.280 | 140.16 | 15.687 |
| #2 | 1.3203 | 6.9379 | .4289 | 36.805 | 140.96 | 14.600 |

Sample Name: S4 Acquired: 11/16/2017 10:29:40 Type: Cal
Method: P4-ICP2(v1810) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2689.3 | 39769. | 5153.7 | 87.835 | 2990.0 |
| Stddev | 11.0 | 12. | 64.6 | .899 | 13.0 |
| %RSD | .40834 | .02955 | 1.2543 | 1.0239 | .43617 |
| | | | | | |
| #1 | 2681.5 | 39761. | 5108.0 | 87.199 | 2980.8 |
| #2 | 2697.1 | 39778. | 5199.4 | 88.471 | 2999.2 |

Sample Name: S5 Acquired: 11/16/2017 10:33:29 Type: Cal
Method: P4-ICP2(v1810) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
|---|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .48656 | 1.0450 | 1.4414 | .67124 | 1.3783 | .20285 | 74.260 | .42241 | 14.457 |
| Stddev | .00012 | .0004 | .0022 | .00076 | .0001 | .00136 | 1.124 | .00074 | .013 |
| %RSD | .02459 | .03983 | .15526 | .11319 | .00340 | .66906 | 1.5130 | .17470 | .08670 |
| #1 | .48648 | 1.0447 | 1.4398 | .67070 | 1.3783 | .20189 | 73.465 | .42189 | 14.449 |
| #2 | .48665 | 1.0453 | 1.4430 | .67178 | 1.3783 | .20381 | 75.054 | .42293 | 14.466 |

| Elem | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2.3683 | .30412 | 4.9454 | 1.3723 | 9.9144 | 5.9815 | .37513 | 2.8030 | .42912 |
| Stddev | .0067 | .00113 | .0026 | .0001 | .0805 | .0031 | .00311 | .0049 | .00007 |
| %RSD | .28244 | .37117 | .05277 | .00561 | .81184 | .05249 | .82959 | .17600 | .01529 |
| #1 | 2.3636 | .30332 | 4.9435 | 1.3722 | 9.9713 | 5.9838 | .37292 | 2.7996 | .42908 |
| #2 | 2.3731 | .30492 | 4.9472 | 1.3723 | 9.8575 | 5.9793 | .37733 | 2.8065 | .42917 |

| Elem | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 10.233 | 1.0486 | 283.39 | 2.9436 | 7.6229 | .43424 | .03493 | .12253 | 1.5127 |
| Stddev | .029 | .0014 | 3.26 | .0042 | .0062 | .00223 | .00015 | .00139 | .0008 |
| %RSD | .28186 | .13157 | 1.1512 | .14263 | .08080 | .51252 | .44099 | 1.1330 | .05475 |
| #1 | 10.212 | 1.0476 | 285.70 | 2.9406 | 7.6273 | .43267 | .03504 | .12155 | 1.5121 |
| #2 | 10.253 | 1.0496 | 281.08 | 2.9465 | 7.6185 | .43582 | .03482 | .12351 | 1.5133 |

| Elem | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 | U_ 3859 |
|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2.6964 | 14.303 | .9028 | 73.863 | 143.54 | 23.505 |
| Stddev | .0048 | .043 | .0010 | .759 | 3.36 | .689 |
| %RSD | .17698 | .30158 | .1060 | 1.0275 | 2.3401 | 2.9320 |
| #1 | 2.6931 | 14.272 | .9035 | 74.400 | 141.16 | 23.018 |
| #2 | 2.6998 | 14.333 | .9021 | 73.326 | 145.91 | 23.992 |

Sample Name: S5 Acquired: 11/16/2017 10:33:29 Type: Cal
Method: P4-ICP2(v1810) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2624.6 | 38312. | 5060.3 | 87.468 | 2829.5 |
| Stddev | 8.2 | 8. | 8.9 | 1.355 | 6.1 |
| %RSD | .31053 | .02112 | .17517 | 1.5488 | .21554 |
| | | | | | |
| #1 | 2618.8 | 38317. | 5054.1 | 86.510 | 2825.2 |
| #2 | 2630.4 | 38306. | 5066.6 | 88.426 | 2833.8 |

Sample Name: ICV01 Acquired: 11/16/2017 10:47:42 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .97830 | 1.0131 | .96973 | .97076 | .95898 | 2.4532 | .50471 |
| Stddev | .00089 | .0034 | .00035 | .00404 | .00088 | .0191 | .00185 |
| %RSD | .09070 | .33692 | .03647 | .41579 | .09215 | .78038 | .36679 |
| #1 | .97767 | 1.0155 | .96998 | .96790 | .95961 | 2.4396 | .50602 |
| #2 | .97893 | 1.0107 | .96948 | .97361 | .95836 | 2.4667 | .50340 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .48321 | .48073 | 10.028 | .49572 | .48704 | .50952 | 5.0422 |
| Stddev | .00155 | .00088 | .031 | .00021 | .00017 | .00013 | .0257 |
| %RSD | .32130 | .18225 | .31076 | .04195 | .03445 | .02575 | .50938 |
| #1 | .48431 | .48135 | 10.050 | .49557 | .48692 | .50961 | 5.0603 |
| #2 | .48211 | .48011 | 10.006 | .49586 | .48716 | .50943 | 5.0240 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .51048 | 5.9807 | .48871 | .50020 | 9.8309 | .49401 | 1.0333 |
| Stddev | .00025 | .0790 | .00153 | .00100 | .0367 | .00072 | .0043 |
| %RSD | .04849 | 1.3201 | .31242 | .19911 | .37311 | .14538 | .42138 |
| #1 | .51066 | 6.0365 | .48979 | .49950 | 9.8568 | .49350 | 1.0364 |
| #2 | .51031 | 5.9249 | .48763 | .50090 | 9.8050 | .49452 | 1.0302 |

| Elem | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.9322 | 2.5688 | 2.6046 | F .03349 | 2.4070 | 2.4936 | 2.5896 |
| Stddev | .0035 | .0066 | .0227 | .01042 | .0133 | .0019 | .0019 |
| %RSD | .03513 | .25804 | .87228 | 31.124 | .55159 | .07660 | .07329 |
| #1 | 9.9347 | 2.5641 | 2.5885 | -.02612 | 2.3976 | 2.4949 | 2.5910 |
| #2 | 9.9297 | 2.5735 | 2.6207 | -.04086 | 2.4164 | 2.4922 | 2.5883 |

Sample Name: ICV01 Acquired: 11/16/2017 10:47:42 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

| Elem | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm |
| Avg | F .00012 | F .0072 | F .01111 | F .41936 | F 4.0187 |
| Stddev | .00165 | .0016 | .00010 | .66996 | 1.4668 |
| %RSD | 1419.5 | 21.96 | .90856 | 159.76 | 36.499 |
| | | | | | |
| #1 | .00128 | -.0061 | .01118 | .89309 | 5.0559 |
| #2 | -.00105 | -.0083 | .01104 | -.05437 | 2.9815 |
| | | | | | |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2846.2 | 41737. | 5306.6 | 91.047 | 3273.6 |
| Stddev | .1 | 117. | 18.3 | .458 | 8.0 |
| %RSD | .00228 | .28051 | .34481 | .50322 | .24559 |
| | | | | | |
| #1 | 2846.3 | 41654. | 5293.7 | 90.723 | 3267.9 |
| #2 | 2846.2 | 41819. | 5319.5 | 91.371 | 3279.3 |

Sample Name: LLICV01 Acquired: 11/16/2017 10:51:35 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .01976 | .04313 | .01165 | .01986 | .05140 | .11624 | .10417 |
| Stddev | .00160 | .00011 | .00162 | .00057 | .00081 | .00002 | .00113 |
| %RSD | 8.1157 | .26027 | 13.905 | 2.8585 | 1.5669 | .01635 | 1.0840 |
| #1 | .02089 | .04305 | .01279 | .02026 | .05197 | .11625 | .10337 |
| #2 | .01862 | .04321 | .01050 | .01946 | .05083 | .11623 | .10497 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .00641 | .00606 | 2.0726 | .01051 | .03114 | .02210 | .10099 |
| Stddev | .00010 | .00005 | .0121 | .00015 | .00026 | .00085 | .00868 |
| %RSD | 1.5445 | .88861 | .58519 | 1.4699 | .82925 | 3.8660 | 8.5963 |
| #1 | .00634 | .00602 | 2.0640 | .01062 | .03132 | .02270 | .10713 |
| #2 | .00648 | .00610 | 2.0811 | .01040 | .03096 | .02149 | .09485 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .02246 | 2.0256 | .04151 | .01091 | 2.0433 | .04167 | .05073 |
| Stddev | .00008 | .0324 | .00010 | .00007 | .0211 | .00090 | .00018 |
| %RSD | .37742 | 1.5977 | .24703 | .65211 | 1.0351 | 2.1657 | .36466 |
| #1 | .02240 | 2.0027 | .04143 | .01096 | 2.0284 | .04103 | .05060 |
| #2 | .02252 | 2.0485 | .04158 | .01086 | 2.0583 | .04231 | .05086 |

| Elem | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.0343 | .21328 | .09751 | F .14237 | .39739 | .04030 | .04390 |
| Stddev | .0237 | .00009 | .00401 | .00190 | .00796 | .00099 | .00004 |
| %RSD | 1.1644 | .04323 | 4.1111 | 1.3337 | 2.0034 | 2.4562 | .09768 |
| #1 | 2.0176 | .21335 | .10034 | .14372 | .39176 | .03960 | .04387 |
| #2 | 2.0511 | .21321 | .09467 | .14103 | .40302 | .04100 | .04393 |

Sample Name: LLICV01 Acquired: 11/16/2017 10:51:35 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

| Elem | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm |
| Avg | F .02638 | .0188 | .02160 | F 2.7445 | F<00000 |
| Stddev | .00064 | .0013 | .00017 | .2183 | 1.0733 |
| %RSD | 2.4451 | 7.151 | .79159 | 7.9543 | 143.86 |
| | | | | | |
| #1 | .02592 | .0179 | .02172 | 2.8989 | -1.5050 |
| #2 | .02683 | .0198 | .02148 | 2.5901 | .01288 |
| | | | | | |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2660.3 | 39103. | 5064.3 | 88.064 | 3089.6 |
| Stddev | 6.4 | 74. | 19.6 | .534 | 11.0 |
| %RSD | .24241 | .19007 | .38771 | .60586 | .35520 |
| | | | | | |
| #1 | 2655.7 | 39050. | 5050.5 | 88.441 | 3081.9 |
| #2 | 2664.8 | 39156. | 5078.2 | 87.686 | 3097.4 |

Sample Name: ICB01 Acquired: 11/16/2017 10:55:39 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.00127 | .00158 | .00004 | .00174 | -.00023 | -.00201 | .00114 | .00006 |
| Stddev | .00360 | .00354 | .00088 | .00408 | .00037 | .00198 | .00013 | .00001 |
| %RSD | 284.53 | 224.63 | 1966.9 | 234.74 | 158.26 | 98.114 | 11.572 | 18.193 |
| #1 | -.00382 | .00408 | -.00058 | -.00115 | -.00049 | -.00062 | .00123 | .00006 |
| #2 | .00128 | -.00093 | .00067 | .00463 | .00003 | -.00341 | .00105 | .00005 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .00002 | -.02705 | .00001 | -.00002 | .00016 | .00353 | -.00001 | -.01830 |
| Stddev | .00010 | .00709 | .00011 | .00001 | .00035 | .00897 | .00001 | .02613 |
| %RSD | 414.18 | 26.211 | 858.03 | 50.769 | 223.52 | 254.22 | 199.48 | 142.77 |
| #1 | .00009 | -.02204 | .00009 | -.00003 | .00040 | -.00281 | -.00001 | .00017 |
| #2 | -.00005 | -.03207 | -.00006 | -.00001 | -.00009 | .00987 | .00000 | -.03678 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .00051 | .00025 | -.02718 | -.00035 | .00025 | -.07639 | -.00026 | -.00363 |
| Stddev | .00058 | .00061 | .01031 | .00015 | .00009 | .00744 | .00026 | .00027 |
| %RSD | 113.71 | 241.63 | 37.943 | 42.687 | 33.775 | 9.7374 | 100.95 | 7.4187 |
| #1 | .00091 | -.00018 | -.01989 | -.00045 | .00031 | -.07113 | -.00007 | -.00344 |
| #2 | .00010 | .00068 | -.03448 | -.00024 | .00019 | -.08165 | -.00044 | -.00382 |

| Elem | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.00635 | .00462 | -.00066 | .00053 | -.00015 | .0020 | .00013 | F .90003 |
| Stddev | .04337 | .04513 | .00102 | .00059 | .00013 | .0010 | .00017 | .92781 |
| %RSD | 682.46 | 975.94 | 155.05 | 112.16 | 86.924 | 51.23 | 125.59 | 103.09 |
| #1 | -.03702 | -.02729 | .00006 | .00011 | -.00025 | .0013 | .00002 | .24397 |
| #2 | .02431 | .03653 | -.00138 | .00094 | -.00006 | .0027 | .00025 | 1.5561 |

Sample Name: ICB01 Acquired: 11/16/2017 10:55:39 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

| Elem | U_3859 |
|---|---|
| Units | ppm |
| Avg | F.71922 |
| Stddev | 1.3390 |
| %RSD | 186.17 |
| | |
| #1 | 1.6660 |
| #2 | -.22757 |

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2793.7 | 41344. | 5163.8 | 92.375 | 3256.3 |
| Stddev | 7.2 | 48. | 4.2 | .273 | 6.1 |
| %RSD | .25778 | .11517 | .08123 | .29575 | .18626 |
| | | | | | |
| #1 | 2788.6 | 41311. | 5166.7 | 92.182 | 3252.0 |
| #2 | 2798.8 | 41378. | 5160.8 | 92.568 | 3260.6 |

Sample Name: CRI01 Acquired: 11/16/2017 10:59:44 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .02022 | .04159 | .01142 | .01822 | .05086 | .12041 | .10606 | .00632 |
| Stddev | .00236 | .00031 | .00027 | .00278 | .00077 | .00957 | .00021 | .00004 |
| %RSD | 11.690 | .75255 | 2.3539 | 15.243 | 1.5061 | 7.9465 | .20158 | .68439 |
| #1 | .02189 | .04136 | .01161 | .02018 | .05141 | .12717 | .10621 | .00629 |
| #2 | .01855 | .04181 | .01123 | .01625 | .05032 | .11364 | .10591 | .00635 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .00600 | 2.0956 | .00996 | .03081 | .02224 | .11292 | .02241 | 2.0967 |
| Stddev | .00010 | .0160 | .00022 | .00001 | .00029 | .00205 | .00026 | .0211 |
| %RSD | 1.7113 | .76567 | 2.1992 | .02097 | 1.2867 | 1.8181 | 1.1693 | 1.0053 |
| #1 | .00607 | 2.1069 | .00980 | .03081 | .02244 | .11437 | .02260 | 2.0818 |
| #2 | .00593 | 2.0843 | .01011 | .03080 | .02204 | .11147 | .02222 | 2.1116 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .04112 | .01110 | 2.0785 | .04114 | .05183 | 2.0165 | .21207 | .11180 |
| Stddev | .00072 | .00012 | .0083 | .00071 | .00049 | .0339 | .00084 | .00863 |
| %RSD | 1.7599 | 1.1072 | .40026 | 1.7217 | .94208 | 1.6808 | .39801 | 7.7219 |
| #1 | .04061 | .01118 | 2.0844 | .04164 | .05217 | 1.9925 | .21148 | .10570 |
| #2 | .04163 | .01101 | 2.0726 | .04064 | .05148 | 2.0404 | .21267 | .11791 |

| Elem | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F .14050 | .39011 | .04064 | .04267 | F .02683 | .0186 | .02201 | F 2.1314 |
| Stddev | .02866 | .01440 | .00012 | .00172 | .00317 | .0015 | .00008 | .4088 |
| %RSD | 20.396 | 3.6924 | .29425 | 4.0398 | 11.827 | 8.093 | .38219 | 19.178 |
| #1 | .16077 | .37993 | .04056 | .04146 | .02458 | .0175 | .02207 | 1.8423 |
| #2 | .12024 | .40030 | .04073 | .04389 | .02907 | .0197 | .02195 | 2.4204 |

Sample Name: CRI01 Acquired: 11/16/2017 10:59:44 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

| Elem | U_3859 |
|---|---|
| Units | ppm |
| Avg | F.03555 |
| Stddev | 1.0731 |
| %RSD | 3018.2 |
| | |
| #1 | .79436 |
| #2 | -.72325 |

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2657.8 | 39084. | 4982.5 | 36.464 | 3089.1 |
| Stddev | 5.6 | 136. | 57.7 | .810 | 14.2 |
| %RSD | .21159 | .34761 | 1.1582 | .93676 | .45900 |
| | | | | | |
| #1 | 2653.8 | 38988. | 4941.7 | 85.891 | 3079.0 |
| #2 | 2661.8 | 39180. | 5023.3 | 87.036 | 3099.1 |

Sample Name: ICSA01 Acquired: 11/16/2017 11:03:49 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .01196 | .00590 | -.00652 | -.00251 | .00074 | 283.34 | .00797 |
| Stddev | .00079 | .00183 | .00196 | .00192 | .00179 | .03 | .00028 |
| %RSD | 6.6225 | 30.990 | 29.991 | 76.694 | 243.68 | .01006 | 3.5416 |
| #1 | .01252 | .00719 | -.00790 | -.00115 | -.00053 | 283.36 | .00777 |
| #2 | .01140 | .00461 | -.00514 | -.00387 | .00200 | 283.32 | .00817 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.00072 | -.00106 | 251.99 | .04864 | .00007 | .01460 | 104.37 |
| Stddev | .00011 | .00053 | .88 | .00067 | .00033 | .00143 | 4.62 |
| %RSD | 15.607 | 50.039 | .34818 | 1.3850 | 487.05 | 9.8236 | 4.4240 |
| #1 | -.00080 | -.00069 | 251.37 | .04817 | -.00017 | .01562 | 101.11 |
| #2 | -.00064 | -.00144 | 252.61 | .04912 | .00030 | .01359 | 107.64 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .01885 | 268.35 | .00256 | .00734 | .01201 | .00128 | .00051 |
| Stddev | .00004 | .78 | .00032 | .00127 | .01669 | .00006 | .00002 |
| %RSD | .23333 | .29050 | 12.368 | 17.298 | 138.97 | 4.3311 | 4.0801 |
| #1 | .01882 | 267.80 | .00234 | .00644 | .00021 | .00132 | .00049 |
| #2 | .01888 | 268.90 | .00279 | .00823 | .02381 | .00124 | .00052 |

| Elem | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.02482 | -.00021 | .07482 | F .03709 | -.00925 | .00018 | -.00233 |
| Stddev | .00502 | .00008 | .00099 | .04399 | .02059 | .00097 | .00170 |
| %RSD | 20.241 | 38.016 | 1.3217 | 118.59 | 222.63 | 549.47 | 73.016 |
| #1 | -.02837 | -.00015 | .07412 | .06819 | -.02380 | -.00051 | -.00353 |
| #2 | -.02126 | -.00026 | .07552 | .00599 | .00531 | .00086 | -.00113 |

Sample Name: ICSA01 Acquired: 11/16/2017 11:03:49 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

| Elem | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm |
| Avg | .00617 | .0035 | .08757 | F<00000 | F 78.567 |
| Stddev | .00046 | .0002 | .00058 | 1.0188 | 4.378 |
| %RSD | 7.4388 | 5.995 | .66300 | 2.1094 | 5.5721 |
| | | | | | |
| #1 | .00649 | .0034 | .08716 | -47.578 | 75.471 |
| #2 | .00584 | .0037 | .08799 | -49.019 | 81.662 |
| | | | | | |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2493.2 | 36174. | 5006.1 | 82.931 | 2686.7 |
| Stddev | 4.3 | 12. | 23.3 | 3.643 | .1 |
| %RSD | .17279 | .03433 | .46548 | 4.3927 | .00240 |
| | | | | | |
| #1 | 2490.2 | 36165. | 5022.6 | 85.507 | 2686.7 |
| #2 | 2496.3 | 36183. | 4989.6 | 80.355 | 2686.6 |

Sample Name: ICSAB01 Acquired: 11/16/2017 11:07:57 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .11627 | .11264 | .04447 | .05854 | .63818 | 281.18 | .54461 |
| Stddev | .00128 | .00028 | .00067 | .00768 | .00355 | 1.03 | .00220 |
| %RSD | 1.0992 | .24449 | 1.5006 | 13.114 | .55641 | .36808 | .40326 |
| #1 | .11537 | .11245 | .04400 | .06397 | .63567 | 281.91 | .54617 |
| #2 | .11718 | .11284 | .04494 | .05311 | .64069 | 280.45 | .54306 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .56747 | 1.0425 | 249.81 | .57303 | .52238 | .53616 | 103.72 |
| Stddev | .00168 | .0025 | .47 | .00268 | .00218 | .00075 | .45 |
| %RSD | .29658 | .23551 | .18669 | .46778 | .41789 | .13909 | .43088 |
| #1 | .56628 | 1.0442 | 250.14 | .57114 | .52392 | .53669 | 104.04 |
| #2 | .56866 | 1.0407 | 249.48 | .57493 | .52083 | .53563 | 103.41 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .55484 | 264.42 | 1.0374 | .23024 | .01824 | .53114 | 1.0673 |
| Stddev | .00185 | .78 | .0053 | .00096 | .00778 | .00083 | .0031 |
| %RSD | .33292 | .29352 | .51581 | .41806 | 42.631 | .15554 | .28692 |
| #1 | .55353 | 264.97 | 1.0412 | .22956 | .02374 | .53056 | 1.0695 |
| #2 | .55614 | 263.87 | 1.0337 | .23092 | .01274 | .53173 | 1.0652 |

| Elem | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .08657 | F 1.1195 | F 1.2067 | F .02675 | F 1.0020 | F 1.1245 | F 1.1160 |
| Stddev | .03982 | .0017 | .0019 | .00887 | .0199 | .0026 | .0034 |
| %RSD | 46.001 | .15315 | .15681 | 33.152 | 1.9838 | .23066 | .30106 |
| #1 | -.11473 | 1.1207 | 1.2080 | .03302 | 1.0160 | 1.1264 | 1.1184 |
| #2 | -.05841 | 1.1183 | 1.2053 | .02048 | .98793 | 1.1227 | 1.1136 |

Sample Name: ICSAB01 Acquired: 11/16/2017 11:07:57 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

| Elem | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm |
| Avg | .00513 | F .0043 | .08738 | F<00000 | F 75.944 |
| Stddev | .00097 | .0006 | .00047 | 2.1589 | .015 |
| %RSD | 18.919 | 14.85 | .53765 | 4.7546 | .02001 |
| | | | | | |
| #1 | .00444 | -.0047 | .08771 | -43.880 | 75.933 |
| #2 | .00582 | -.0038 | .08705 | -46.934 | 75.955 |
| | | | | | |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2491.5 | 36249. | 5022.9 | 82.778 | 2683.9 |
| Stddev | .2 | 1. | 3.2 | .308 | 5.2 |
| %RSD | .00829 | .00288 | .06413 | .37151 | .19307 |
| | | | | | |
| #1 | 2491.6 | 36248. | 5025.2 | 82.561 | 2680.3 |
| #2 | 2491.3 | 36250. | 5020.6 | 82.996 | 2687.6 |

Sample Name: CCV01 Acquired: 11/16/2017 11:15:42 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.0738 | 5.0341 | 5.0141 | 5.0577 | 5.1003 | 10.151 | 10.386 | .25302 |
| Stddev | .0203 | .0055 | .0168 | .0230 | .0175 | .010 | .019 | .00082 |
| %RSD | .40081 | .10920 | .33527 | .45466 | .34237 | .09599 | .18143 | .32544 |
| #1 | 5.0882 | 5.0380 | 5.0260 | 5.0739 | 5.1127 | 10.158 | 10.372 | .25361 |
| #2 | 5.0595 | 5.0302 | 5.0022 | 5.0414 | 5.0880 | 10.144 | 10.399 | .25244 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.5085 | 25.466 | 1.0134 | 2.5144 | 1.2742 | 5.2851 | 2.5536 | 25.305 |
| Stddev | .0079 | .216 | .0022 | .0089 | .0015 | .0071 | .0037 | .199 |
| %RSD | .31638 | .84662 | .22063 | .35586 | .11735 | .13415 | .14614 | .78489 |
| #1 | 2.5141 | 25.314 | 1.0150 | 2.5208 | 1.2753 | 5.2801 | 2.5562 | 25.165 |
| #2 | 2.5029 | 25.619 | 1.0118 | 2.5081 | 1.2732 | 5.2901 | 2.5509 | 25.446 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.5076 | 1.2580 | 25.305 | 2.5323 | 2.6363 | 25.369 | 5.0865 | 5.1297 |
| Stddev | .0057 | .0045 | .042 | .0055 | .0157 | .000 | .0101 | .0527 |
| %RSD | .22761 | .35883 | .16433 | .21660 | .59408 | .00063 | .19754 | 1.0276 |
| #1 | 2.5117 | 1.2612 | 25.276 | 2.5362 | 2.6253 | 25.369 | 5.0936 | 5.0924 |
| #2 | 2.5036 | 1.2548 | 25.335 | 2.5284 | 2.6474 | 25.369 | 5.0794 | 5.1670 |

| Elem | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F2.9697 | 4.9945 | 5.0080 | 5.1501 | 5.1129 | 4.990 | 5.1718 | F2.1731 |
| Stddev | .0134 | .0420 | .0063 | .0060 | .0154 | .024 | .0050 | .9100 |
| %RSD | .45049 | .84038 | .12667 | .11561 | .30153 | .4785 | .09669 | 41.875 |
| #1 | 2.9792 | 4.9648 | 5.0125 | 5.1458 | 5.1020 | 5.007 | 5.1682 | 1.5297 |
| #2 | 2.9603 | 5.0242 | 5.0035 | 5.1543 | 5.1238 | 4.973 | 5.1753 | 2.8166 |

Sample Name: CCV01 Acquired: 11/16/2017 11:15:42 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

| Elem | U_3859 |
|---|---|
| Units | ppm |
| Avg | F2.5540 |
| Stddev | 1.8897 |
| %RSD | 73.992 |
| | |
| #1 | 1.2177 |
| #2 | 3.8902 |

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2616.7 | 38495. | 5004.6 | 82.700 | 2918.8 |
| Stddev | 8.3 | 51. | 38.9 | .459 | 10.1 |
| %RSD | .31686 | .13335 | .77784 | .55530 | .34476 |
| | | | | | |
| #1 | 2610.8 | 38459. | 5032.2 | 83.025 | 2911.7 |
| #2 | 2622.6 | 38532. | 4977.1 | 82.376 | 2925.9 |

Sample Name: LLCCV01 Acquired: 11/16/2017 11:19:30 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .02340 | .04216 | .01234 | .01811 | .04919 | .11384 | .10529 | .00635 |
| Stddev | .00158 | .00040 | .00355 | .00013 | .00178 | .00587 | .00104 | .00013 |
| %RSD | 6.7672 | .95376 | 28.772 | .69097 | 3.6094 | 5.1523 | .98515 | 2.0349 |
| #1 | .02452 | .04187 | .00983 | .01820 | .04793 | .10969 | .10456 | .00626 |
| #2 | .02228 | .04244 | .01485 | .01802 | .05045 | .11798 | .10602 | .00644 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .00596 | 2.0971 | .01048 | .03085 | .02232 | .11714 | .02221 | 2.0439 |
| Stddev | .00012 | .0469 | .00044 | .00004 | .00043 | .01671 | .00014 | .0093 |
| %RSD | 1.9761 | 2.2374 | 4.1791 | .12881 | 1.9149 | 14.262 | .62248 | .45317 |
| #1 | .00604 | 2.0639 | .01079 | .03088 | .02262 | .12895 | .02211 | 2.0504 |
| #2 | .00587 | 2.1302 | .01017 | .03082 | .02201 | .10533 | .02231 | 2.0373 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .04101 | .01038 | 2.0622 | .04180 | .05176 | 2.0312 | .21182 | .10737 |
| Stddev | .00024 | .00054 | .0246 | .00046 | .00114 | .0302 | .00070 | .01221 |
| %RSD | .57316 | 5.1731 | 1.1928 | 1.0985 | 2.2105 | 1.4890 | .33202 | 11.375 |
| #1 | .04117 | .01076 | 2.0448 | .04148 | .05257 | 2.0525 | .21132 | .09874 |
| #2 | .04084 | .01000 | 2.0796 | .04213 | .05095 | 2.0098 | .21231 | .11601 |

| Elem | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F .11252 | .42270 | .04138 | .04281 | .02530 | .0191 | .02178 | F 2.3966 |
| Stddev | .01490 | .00523 | .00048 | .00080 | .00103 | .0010 | .00023 | .2146 |
| %RSD | 13.238 | 1.2384 | 1.1489 | 1.8597 | 4.0605 | 5.289 | 1.0623 | 8.9553 |
| #1 | .12306 | .41900 | .04172 | .04338 | .02458 | .0198 | .02162 | 2.5484 |
| #2 | .10199 | .42640 | .04105 | .04225 | .02603 | .0184 | .02195 | 2.2449 |

Sample Name: LLCCV01 Acquired: 11/16/2017 11:19:30 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

| Elem | U_3859 |
|---|---|
| Units | ppm |
| Avg | F1.1787 |
| Stddev | 1.6545 |
| %RSD | 140.36 |
| | |
| #1 | .00884 |
| #2 | 2.3486 |

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2685.0 | 39265. | 5042.5 | 86.536 | 3116.6 |
| Stddev | 5.4 | 127. | 8.1 | 1.877 | 10.0 |
| %RSD | .19979 | .32469 | .16088 | 2.1691 | .31938 |
| | | | | | |
| #1 | 2681.2 | 39355. | 5048.2 | 85.209 | 3109.6 |
| #2 | 2688.8 | 39175. | 5036.7 | 87.864 | 3123.7 |

Sample Name: CCB01 Acquired: 11/16/2017 11:23:36 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.00187 | .00056 | .00009 | -.00229 | -.00212 | .00034 | .00093 |
| Stddev | .00345 | .00016 | .00161 | .00189 | .00181 | .00786 | .00036 |
| %RSD | 184.78 | 28.009 | 1763.0 | 82.596 | 85.218 | 2289.1 | 38.513 |
| #1 | -.00431 | .00045 | -.00105 | -.00095 | -.00340 | .00590 | .00118 |
| #2 | .00057 | .00067 | .00123 | -.00363 | -.00084 | -.00521 | .00067 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .00005 | .00002 | -.04887 | .00017 | .00019 | .00000 | .01143 |
| Stddev | .00001 | .00000 | .01107 | .00006 | .00018 | .00062 | .01057 |
| %RSD | 12.729 | 3.4564 | 22.647 | 37.118 | 93.256 | 14399. | 92.534 |
| #1 | .00006 | .00002 | -.05669 | .00013 | .00032 | -.00044 | .00395 |
| #2 | .00005 | .00002 | -.04104 | .00022 | .00007 | .00045 | .01890 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .00005 | .02217 | .00044 | .00052 | -.02654 | .00013 | -.00015 |
| Stddev | .00002 | .01015 | .00049 | .00069 | .01126 | .00037 | .00007 |
| %RSD | 45.169 | 45.803 | 111.41 | 131.49 | 42.430 | 277.28 | 44.842 |
| #1 | .00003 | .02935 | .00078 | .00004 | -.01858 | -.00013 | -.00020 |
| #2 | .00006 | .01499 | .00009 | .00101 | -.03451 | .00039 | -.00010 |

| Elem | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.02480 | .00013 | .00395 | F -.01779 | -.00810 | -.00011 | -.00010 |
| Stddev | .00441 | .00011 | .00469 | .00957 | .00305 | .00020 | .00161 |
| %RSD | 17.800 | 83.971 | 118.82 | 53.815 | 37.641 | 173.94 | 1568.4 |
| #1 | -.02168 | .00005 | .00726 | -.02456 | -.00595 | .00003 | -.00124 |
| #2 | -.02792 | .00021 | .00063 | -.01102 | -.01026 | -.00026 | .00104 |

Sample Name: CCB01 Acquired: 11/16/2017 11:23:36 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

| Elem | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm |
| Avg | .00094 | .0012 | .00006 | F.79558 | F1.0512 |
| Stddev | .00087 | .0008 | .00004 | 1.2293 | .2651 |
| %RSD | 92.633 | 61.15 | 81.518 | 154.52 | 25.222 |
| | | | | | |
| #1 | .00156 | .0007 | .00002 | 1.6648 | .86375 |
| #2 | .00033 | .0018 | .00009 | -.07368 | 1.2387 |

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2838.7 | 41951. | 5237.5 | 92.689 | 3315.5 |
| Stddev | .1 | 16. | 13.8 | 2.517 | 1.0 |
| %RSD | .00349 | .03875 | .26413 | 2.7152 | .03002 |
| | | | | | |
| #1 | 2838.7 | 41963. | 5227.7 | 90.909 | 3314.8 |
| #2 | 2838.6 | 41940. | 5247.3 | 94.468 | 3316.2 |

Sample Name: I6302-02 Acquired: 11/16/2017 11:27:03 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .00016 | -.00253 | .00900 | -.00141 | -.00366 | .13686 | .16059 |
| Stddev | .00156 | .00010 | .00014 | .00141 | .00116 | .00644 | .00065 |
| %RSD | 988.51 | 4.0241 | 1.5847 | 100.12 | 31.580 | 4.7078 | .40372 |
| #1 | .00126 | -.00245 | .00910 | -.00240 | -.00448 | .13230 | .16105 |
| #2 | -.00095 | -.00260 | .00890 | -.00041 | -.00284 | .14142 | .16014 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .00014 | .00010 | 36.428 | -.00032 | .00780 | .00589 | .08059 |
| Stddev | .00007 | .00013 | .040 | .00022 | .00050 | .00017 | .00166 |
| %RSD | 48.065 | 129.55 | .11077 | 70.185 | 6.3552 | 2.8744 | 2.0578 |
| #1 | .00009 | .00001 | 36.457 | -.00048 | .00745 | .00601 | .07941 |
| #2 | .00019 | .00019 | 36.400 | -.00016 | .00815 | .00577 | .08176 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .94953 | 4.9624 | .00294 | .00043 | 424.40 | -.00030 | .04693 |
| Stddev | .00177 | .0625 | .00004 | .00030 | 1.47 | .00099 | .00045 |
| %RSD | .18590 | 1.2595 | 1.2427 | 69.878 | .34711 | 332.84 | .95412 |
| #1 | .95078 | 5.0066 | .00296 | .00065 | 425.45 | .00040 | .04661 |
| #2 | .94828 | 4.9182 | .00291 | .00022 | 423.36 | -.00100 | .04724 |

| Elem | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .96365 | .00066 | .02268 | 3.3464 | 1.0189 | .00285 | .00318 |
| Stddev | .00418 | .00026 | .00421 | .0530 | .0222 | .00037 | .00059 |
| %RSD | .43359 | 39.079 | 18.555 | 1.5846 | 2.1782 | 13.000 | 18.523 |
| #1 | .96069 | .00084 | .02566 | 3.3089 | 1.0032 | .00258 | .00276 |
| #2 | .96660 | .00048 | .01970 | 3.3839 | 1.0346 | .00311 | .00359 |

Sample Name: I6302-02 Acquired: 11/16/2017 11:27:03 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm |
| Avg | .00641 | .0059 | .15072 | 5.7470 | F<00000 |
| Stddev | .00092 | .0001 | .00045 | 1.4994 | .46182 |
| %RSD | 14.337 | .9040 | .30161 | 26.090 | 4.5231 |
| | | | | | |
| #1 | .00576 | .0059 | .15104 | 4.6868 | -10.537 |
| #2 | .00705 | .0060 | .15040 | 6.8072 | -9.8837 |
| | | | | | |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2529.3 | 36884. | 5122.9 | 85.930 | 2772.9 |
| Stddev | 14.5 | 76. | 7.1 | .697 | 16.0 |
| %RSD | .57331 | .20710 | .13922 | .81167 | .57830 |
| | | | | | |
| #1 | 2519.0 | 36829. | 5117.8 | 86.423 | 2761.6 |
| #2 | 2539.5 | 36938. | 5127.9 | 85.436 | 2784.3 |

Sample Name: I6302-04 Acquired: 11/16/2017 11:31:15 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .00076 | -.00113 | .00256 | .00113 | -.00345 | .11017 | .16756 |
| Stddev | .00199 | .00137 | .00157 | .00504 | .00195 | .00213 | .00089 |
| %RSD | 261.02 | 121.03 | 61.448 | 446.23 | 56.606 | 1.9296 | .53243 |
| #1 | .00217 | -.00210 | .00368 | .00470 | -.00484 | .11167 | .16819 |
| #2 | -.00064 | -.00016 | .00145 | -.00244 | -.00207 | .10866 | .16693 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .00019 | .00020 | 47.137 | .00005 | .00518 | .00504 | .05470 |
| Stddev | .00005 | .00007 | .178 | .00067 | .00023 | .00018 | .00907 |
| %RSD | 24.323 | 33.111 | .37816 | 1309.0 | 4.5186 | 3.5143 | 16.571 |
| #1 | .00022 | .00015 | 47.263 | -.00042 | .00535 | .00517 | .04829 |
| #2 | .00016 | .00024 | 47.011 | .00052 | .00502 | .00492 | .06111 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .69362 | 7.8958 | .00419 | .00052 | 395.39 | -.00034 | .02517 |
| Stddev | .00237 | .0773 | .00066 | .00021 | .45 | .00104 | .00068 |
| %RSD | .34223 | .97870 | 15.749 | 40.752 | .11458 | 305.76 | 2.7195 |
| #1 | .69530 | 7.8411 | .00372 | .00037 | 395.71 | .00040 | .02468 |
| #2 | .69195 | 7.9504 | .00466 | .00068 | 395.07 | -.00108 | .02565 |

| Elem | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .82917 | .00002 | .00893 | 3.0241 | 1.2510 | .00262 | -.00020 |
| Stddev | .04890 | .00028 | .00566 | .0501 | .0399 | .00106 | .00022 |
| %RSD | 5.8976 | 1722.7 | 63.375 | 1.6559 | 3.1933 | 40.421 | 107.30 |
| #1 | .79459 | -.00018 | .00493 | 3.0595 | 1.2792 | .00337 | -.00005 |
| #2 | .86374 | .00022 | .01293 | 2.9887 | 1.2227 | .00187 | -.00036 |

Sample Name: I6302-04 Acquired: 11/16/2017 11:31:15 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm |
| Avg | .01077 | .0057 | .23007 | 5.4617 | F<00000 |
| Stddev | .00076 | .0020 | .00112 | .1834 | 1.2566 |
| %RSD | 7.0841 | 34.75 | .48518 | 3.3585 | 13.265 |
| | | | | | |
| #1 | .01023 | .0043 | .23086 | 5.3320 | -8.5847 |
| #2 | .01131 | .0071 | .22928 | 5.5914 | -10.362 |
| | | | | | |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2565.6 | 37409. | 5161.0 | 87.794 | 2818.8 |
| Stddev | 11.8 | 192. | 45.7 | 2.892 | 13.1 |
| %RSD | .45826 | .51323 | .88611 | 3.2945 | .46444 |
| | | | | | |
| #1 | 2557.3 | 37273. | 5128.6 | 89.839 | 2809.5 |
| #2 | 2573.9 | 37545. | 5193.3 | 85.749 | 2828.0 |

Sample Name: I6302-06 Acquired: 11/16/2017 11:35:28 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.00071 | -.00050 | .00856 | -.00098 | -.00270 | .12589 | .11692 |
| Stddev | .00374 | .00184 | .00323 | .00262 | .00144 | .00605 | .00159 |
| %RSD | 524.56 | 370.35 | 37.674 | 266.05 | 53.248 | 4.8078 | 1.3598 |
| #1 | -.00336 | .00081 | .01085 | .00087 | -.00372 | .12161 | .11805 |
| #2 | .00193 | -.00180 | .00628 | -.00283 | -.00169 | .13017 | .11580 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .00015 | .00008 | 29.937 | -.00026 | .00486 | .01184 | .08173 |
| Stddev | .00002 | .00009 | .064 | .00081 | .00018 | .00079 | .00687 |
| %RSD | 12.053 | 108.50 | .21530 | 310.46 | 3.8018 | 6.6421 | 8.4049 |
| #1 | .00016 | .00002 | 29.982 | .00031 | .00499 | .01240 | .07687 |
| #2 | .00014 | .00015 | 29.891 | -.00084 | .00473 | .01128 | .08659 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .66768 | 2.7447 | .00262 | .00029 | 326.44 | -.00034 | .04053 |
| Stddev | .00225 | .0019 | .00041 | .00009 | 3.64 | .00029 | .00064 |
| %RSD | .33764 | .07058 | 15.788 | 31.058 | 1.1149 | 86.796 | 1.5778 |
| #1 | .66609 | 2.7433 | .00292 | .00022 | 329.01 | -.00055 | .04008 |
| #2 | .66927 | 2.7461 | .00233 | .00035 | 323.86 | -.00013 | .04098 |

| Elem | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .94601 | -.00028 | .01777 | 1.9063 | 1.4434 | .00225 | .00073 |
| Stddev | .00688 | .00024 | .00382 | .0405 | .0260 | .00032 | .00024 |
| %RSD | .72731 | 85.954 | 21.498 | 2.1247 | 1.7998 | 14.241 | 33.023 |
| #1 | .95088 | -.00011 | .01507 | 1.9349 | 1.4617 | .00247 | .00090 |
| #2 | .94115 | -.00045 | .02047 | 1.8776 | 1.4250 | .00202 | .00056 |

Sample Name: I6302-06 Acquired: 11/16/2017 11:35:28 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm |
| Avg | .00858 | .0043 | .12073 | 5.6895 | F<00000 |
| Stddev | .00063 | .0012 | .00078 | .7319 | .42491 |
| %RSD | 7.3778 | 28.02 | .64883 | 12.864 | 5.7529 |
| | | | | | |
| #1 | .00903 | .0034 | .12128 | 5.1720 | -7.6865 |
| #2 | .00813 | .0051 | .12018 | 6.2070 | -7.0856 |
| | | | | | |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2596.6 | 37962. | 5181.6 | 86.127 | 2866.5 |
| Stddev | 12.9 | 52. | 55.9 | 1.607 | 6.2 |
| %RSD | .49836 | .13792 | 1.0792 | 1.8659 | .21474 |
| | | | | | |
| #1 | 2587.4 | 37925. | 5142.0 | 87.264 | 2862.2 |
| #2 | 2605.7 | 37999. | 5221.1 | 84.991 | 2870.9 |

Sample Name: I6305-04 Acquired: 11/16/2017 11:39:38 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.00032 | -.00300 | .00571 | .00184 | -.00117 | .14279 | .18946 |
| Stddev | .00145 | .00113 | .00127 | .00234 | .00043 | .01413 | .00001 |
| %RSD | 456.00 | 37.492 | 22.173 | 127.00 | 37.043 | 9.8934 | .00731 |
| | | | | | | | |
| #1 | .00071 | -.00221 | .00660 | .00019 | -.00147 | .13280 | .18946 |
| #2 | -.00134 | -.00380 | .00481 | .00349 | -.00086 | .15278 | .18947 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .00020 | .00015 | 24.034 | .00030 | .00579 | .05479 | .08496 |
| Stddev | .00005 | .00003 | .074 | .00029 | .00004 | .00052 | .00807 |
| %RSD | 23.214 | 18.718 | .30863 | 97.248 | .70074 | .94093 | 9.5027 |
| | | | | | | | |
| #1 | .00024 | .00013 | 23.981 | .00009 | .00582 | .05515 | .07925 |
| #2 | .00017 | .00017 | 24.086 | .00050 | .00576 | .05442 | .09066 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .83409 | 5.8006 | .00440 | -.00050 | 368.69 | .00003 | .05112 |
| Stddev | .00071 | .0123 | .00102 | .00043 | 1.02 | .00038 | .00239 |
| %RSD | .08489 | .21211 | 23.200 | 85.889 | .27608 | 1336.1 | 4.6695 |
| | | | | | | | |
| #1 | .83459 | 5.8093 | .00368 | -.00020 | 369.41 | -.00024 | .04943 |
| #2 | .83359 | 5.7919 | .00512 | -.00081 | 367.97 | .00030 | .05281 |

| Elem | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.1333 | -.00040 | .02101 | 1.2490 | .80700 | .00232 | .00320 |
| Stddev | .0214 | .00011 | .00641 | .0097 | .00384 | .00018 | .00024 |
| %RSD | 1.8891 | 26.869 | 30.517 | .77871 | .47559 | 7.5689 | 7.5161 |
| | | | | | | | |
| #1 | 1.1182 | -.00048 | .02554 | 1.2559 | .80428 | .00219 | .00303 |
| #2 | 1.1485 | -.00033 | .01647 | 1.2421 | .80971 | .00244 | .00337 |

Sample Name: I6305-04 Acquired: 11/16/2017 11:39:38 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm |
| Avg | .00864 | .0084 | .06583 | 5.4435 | F<00000 |
| Stddev | .00035 | .0003 | .00036 | 1.0808 | 3.5816 |
| %RSD | 4.0729 | 3.914 | .54612 | 19.856 | 30.838 |
| | | | | | |
| #1 | .00839 | .0082 | .06608 | 6.2078 | -9.0816 |
| #2 | .00889 | .0086 | .06557 | 4.6792 | -14.147 |
| | | | | | |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2616.8 | 38035. | 5234.4 | 87.352 | 2885.1 |
| Stddev | 21.2 | 41. | 50.6 | 3.295 | 15.0 |
| %RSD | .81109 | .10856 | .96594 | 3.7715 | .52097 |
| | | | | | |
| #1 | 2601.8 | 38006. | 5198.7 | 89.682 | 2874.4 |
| #2 | 2631.8 | 38065. | 5270.2 | 85.023 | 2895.7 |

Sample Name: I6305-06 Acquired: 11/16/2017 11:43:46 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.00142 | -.00101 | .00176 | -.00118 | -.00264 | .08157 | .12064 |
| Stddev | .00478 | .00129 | .00085 | .00447 | .00107 | .01486 | .00027 |
| %RSD | 335.95 | 128.51 | 48.206 | 378.80 | 40.407 | 18.211 | .22305 |
| #1 | -.00480 | -.00192 | .00236 | -.00434 | -.00189 | .07107 | .12045 |
| #2 | .00196 | -.00009 | .00116 | .00198 | -.00339 | .09208 | .12083 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.00001 | .00011 | 23.691 | -.00013 | .00138 | .00653 | .05571 |
| Stddev | .00016 | .00006 | .064 | .00044 | .00010 | .00015 | .01405 |
| %RSD | 1520.0 | 54.863 | .26980 | 345.42 | 7.1565 | 2.3456 | 25.211 |
| #1 | .00010 | .00016 | 23.737 | .00019 | .00145 | .00642 | .04578 |
| #2 | -.00013 | .00007 | 23.646 | -.00044 | .00131 | .00663 | .06564 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .51267 | 6.7402 | .00143 | .00029 | 355.27 | .00016 | .02869 |
| Stddev | .00137 | .0804 | .00038 | .00001 | 6.62 | .00000 | .00053 |
| %RSD | .26668 | 1.1925 | 26.681 | 2.4557 | 1.8631 | 2.9843 | 1.8341 |
| #1 | .51364 | 6.6834 | .00170 | .00030 | 350.59 | .00015 | .02832 |
| #2 | .51170 | 6.7970 | .00116 | .00029 | 359.95 | .00016 | .02906 |

| Elem | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .81645 | -.00019 | .02783 | .91916 | 1.0950 | .00138 | .00137 |
| Stddev | .03144 | .00012 | .00441 | .04515 | .0098 | .00048 | .00100 |
| %RSD | 3.8509 | 64.099 | 15.852 | 4.9118 | .89841 | 35.141 | 72.824 |
| #1 | .79421 | -.00010 | .03095 | .88723 | 1.0881 | .00172 | .00066 |
| #2 | .83868 | -.00027 | .02471 | .95108 | 1.1020 | .00103 | .00208 |

Sample Name: I6305-06 Acquired: 11/16/2017 11:43:46 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm |
| Avg | .01002 | .0075 | .06619 | 4.6207 | F<00000 |
| Stddev | .00019 | .0017 | .00043 | .2688 | 2.0770 |
| %RSD | 1.9072 | 23.17 | .65183 | 5.8176 | 18.933 |
| | | | | | |
| #1 | .00988 | .0087 | .06650 | 4.4306 | -9.5017 |
| #2 | .01015 | .0062 | .06589 | 4.8108 | -12.439 |
| | | | | | |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2666.4 | 38786. | 5325.8 | 89.718 | 2939.6 |
| Stddev | 22.6 | 293. | 11.7 | 1.125 | 21.2 |
| %RSD | .84592 | .75474 | .21919 | 1.2539 | .72258 |
| | | | | | |
| #1 | 2650.5 | 38579. | 5334.0 | 90.514 | 2924.6 |
| #2 | 2682.4 | 38993. | 5317.5 | 88.923 | 2954.6 |

Sample Name: I6305-08 Acquired: 11/16/2017 11:47:55 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.00321 | -.00153 | .00903 | -.00381 | -.00195 | .12984 | .15209 |
| Stddev | .00025 | .00005 | .00015 | .00005 | .00068 | .00553 | .00003 |
| %RSD | 7.6948 | 3.2298 | 1.6430 | 1.1822 | 35.050 | 4.2609 | .02195 |
| #1 | -.00304 | -.00150 | .00892 | -.00378 | -.00146 | .12593 | .15211 |
| #2 | -.00339 | -.00157 | .00913 | -.00384 | -.00243 | .13375 | .15207 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .00009 | .00026 | 20.998 | -.00018 | .00381 | .00800 | .02414 |
| Stddev | .00005 | .00002 | .035 | .00012 | .00024 | .00060 | .00863 |
| %RSD | 56.010 | 6.5125 | .16659 | 66.127 | 6.1892 | 7.5518 | 35.738 |
| #1 | .00005 | .00027 | 20.973 | -.00027 | .00398 | .00843 | .03024 |
| #2 | .00012 | .00025 | 21.022 | -.00010 | .00365 | .00758 | .01804 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.0375 | 3.7738 | .00240 | .00059 | 331.29 | -.00010 | .04415 |
| Stddev | .0007 | .0182 | .00017 | .00016 | 1.22 | .00032 | .00138 |
| %RSD | .07088 | .48136 | 6.9795 | 27.009 | .36945 | 321.98 | 3.1259 |
| #1 | 1.0370 | 3.7866 | .00229 | .00048 | 330.43 | -.00032 | .04513 |
| #2 | 1.0380 | 3.7609 | .00252 | .00071 | 332.16 | .00013 | .04318 |

| Elem | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .90801 | -.00025 | .01059 | 2.7039 | 1.0101 | .00170 | -.00146 |
| Stddev | .04370 | .00028 | .00578 | .0108 | .0026 | .00075 | .00074 |
| %RSD | 4.8132 | 114.49 | 54.586 | .39956 | .25264 | 43.860 | 50.836 |
| #1 | .93891 | -.00005 | .00651 | 2.7116 | 1.0119 | .00223 | -.00199 |
| #2 | .87711 | -.00044 | .01468 | 2.6963 | 1.0083 | .00117 | -.00094 |

Sample Name: I6305-08 Acquired: 11/16/2017 11:47:55 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm |
| Avg | .01019 | .0027 | .09153 | 3.6798 | F<00000 |
| Stddev | .00007 | .0002 | .00019 | .6496 | .79119 |
| %RSD | .69961 | 9.079 | .20480 | 17.653 | 10.855 |
| | | | | | |
| #1 | .01024 | .0025 | .09166 | 3.2205 | -7.8481 |
| #2 | .01014 | .0029 | .09140 | 4.1392 | -6.7292 |
| | | | | | |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2681.1 | 39110. | 5374.2 | 89.902 | 2954.1 |
| Stddev | 15.8 | 14. | 31.3 | 3.526 | 17.0 |
| %RSD | .58845 | .03672 | .58293 | 3.9219 | .57450 |
| | | | | | |
| #1 | 2670.0 | 39100. | 5352.1 | 87.409 | 2942.1 |
| #2 | 2692.3 | 39121. | 5396.4 | 92.395 | 2966.1 |

Sample Name: CCV02 Acquired: 11/16/2017 12:08:26 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.8681 | 4.8022 | 4.7744 | 4.8323 | 4.9138 | 9.6612 | 9.8806 | .24181 |
| Stddev | .0272 | .0194 | .0171 | .0069 | .0357 | .0405 | .0549 | .00167 |
| %RSD | .55882 | .40363 | .35824 | .14318 | .72762 | .41881 | .55594 | .69103 |
| #1 | 4.8489 | 4.7885 | 4.7623 | 4.8274 | 4.8885 | 9.6326 | 9.9195 | .24063 |
| #2 | 4.8874 | 4.8159 | 4.7865 | 4.8372 | 4.9391 | 9.6898 | 9.8418 | .24299 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.4042 | 23.998 | .95454 | 2.4229 | 1.2150 | 4.8250 | 2.4414 | 23.959 |
| Stddev | .0095 | .069 | .00547 | .0120 | .0060 | .0902 | .0125 | .135 |
| %RSD | .39378 | .28833 | .57321 | .49302 | .49099 | 1.8690 | .51073 | .56477 |
| #1 | 2.3975 | 24.047 | .95067 | 2.4144 | 1.2108 | 4.7612 | 2.4326 | 24.055 |
| #2 | 2.4109 | 23.949 | .95841 | 2.4313 | 1.2192 | 4.8887 | 2.4502 | 23.864 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.3891 | 1.1867 | 23.838 | 2.3773 | 2.4240 | 24.070 | 4.8415 | 4.8199 |
| Stddev | .0107 | .0070 | .055 | .0178 | .0420 | .148 | .0300 | .0124 |
| %RSD | .44936 | .58711 | .23224 | .75062 | 1.7326 | .61637 | .61909 | .25643 |
| #1 | 2.3815 | 1.1818 | 23.877 | 2.3647 | 2.3943 | 24.175 | 4.8203 | 4.8286 |
| #2 | 2.3967 | 1.1916 | 23.799 | 2.3899 | 2.4537 | 23.965 | 4.8626 | 4.8111 |

| Elem | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F2.8191 | 4.6583 | 4.7272 | 4.8757 | 4.8267 | 4.751 | 4.8886 | F2.8058 |
| Stddev | .0168 | .0181 | .0167 | .0222 | .0272 | .021 | .0267 | .3605 |
| %RSD | .59536 | .38876 | .35283 | .45593 | .56441 | .4328 | .54621 | 12.848 |
| #1 | 2.8073 | 4.6455 | 4.7154 | 4.8914 | 4.8459 | 4.736 | 4.9075 | 3.0607 |
| #2 | 2.8310 | 4.6711 | 4.7390 | 4.8600 | 4.8074 | 4.765 | 4.8697 | 2.5509 |

Sample Name: CCV02 Acquired: 11/16/2017 12:08:26 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | U_3859 |
|---|---|
| Units | ppm |
| Avg | F 1.0813 |
| Stddev | 1.3484 |
| %RSD | 33.037 |
| | |
| #1 | 3.1279 |
| #2 | 5.0347 |

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2707.9 | 40196. | 5229.7 | 89.115 | 3038.1 |
| Stddev | 13.1 | 92. | 13.9 | 1.399 | 9.1 |
| %RSD | .48402 | .22773 | .26633 | 1.5700 | .30084 |
| | | | | | |
| #1 | 2717.2 | 40261. | 5219.8 | 90.105 | 3044.5 |
| #2 | 2698.6 | 40131. | 5239.5 | 88.126 | 3031.6 |

Sample Name: CCB02 Acquired: 11/16/2017 12:12:14 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.00203 | .00238 | .00093 | -.00215 | -.00049 | .00050 | .00164 | .00013 |
| Stddev | .00007 | .00229 | .00036 | .00309 | .00001 | .00375 | .00030 | .00000 |
| %RSD | 3.5937 | 95.928 | 38.988 | 144.06 | 1.5833 | 751.19 | 18.318 | 3.4491 |
| #1 | -.00198 | .00400 | .00118 | .00004 | -.00049 | .00315 | .00143 | .00013 |
| #2 | -.00208 | .00077 | .00067 | -.00433 | -.00048 | -.00215 | .00185 | .00014 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.00007 | -.03064 | -.00021 | .00001 | .00014 | .01415 | .00002 | .01050 |
| Stddev | .00001 | .00931 | .00074 | .00018 | .00075 | .00018 | .00007 | .01499 |
| %RSD | 6.9785 | 30.379 | 349.07 | 1792.0 | 523.49 | 1.2888 | 422.16 | 142.83 |
| #1 | -.00008 | -.03722 | -.00074 | -.00012 | .00067 | .01402 | .00007 | .02110 |
| #2 | -.00007 | -.02406 | .00031 | .00014 | -.00039 | .01427 | -.00003 | -.00010 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.00004 | -.00010 | .01549 | .00008 | -.00011 | -.00959 | .00190 | -.00172 |
| Stddev | .00084 | .00059 | .00254 | .00046 | .00003 | .01375 | .00063 | .00090 |
| %RSD | 2209.0 | 599.88 | 16.419 | 614.84 | 30.275 | 143.33 | 33.027 | 52.524 |
| #1 | .00056 | .00032 | .01369 | .00040 | -.00008 | -.01932 | .00234 | -.00108 |
| #2 | -.00064 | -.00051 | .01728 | -.00025 | -.00013 | .00013 | .00146 | -.00236 |

| Elem | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
|---|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.00944 | .00252 | -.00004 | .00045 | .00047 | .0017 | .00009 | F2.7582 |
| Stddev | .01453 | .00511 | .00082 | .00170 | .00097 | .0011 | .00003 | .3443 |
| %RSD | 153.91 | 202.91 | 2177.6 | 378.54 | 207.53 | 66.31 | 35.379 | 12.482 |
| #1 | .00083 | -.00109 | .00054 | -.00075 | .00115 | .0024 | .00011 | 2.5147 |
| #2 | -.01972 | .00613 | -.00062 | .00165 | -.00022 | .0009 | .00007 | 3.0016 |

Sample Name: CCB02 Acquired: 11/16/2017 12:12:14 Type: Unk
Method: P4-ICP2(v1810) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | U_3859 |
|---|---|
| Units | ppm |
| Avg | F1.1811 |
| Stddev | 1.1845 |
| %RSD | 100.29 |
| | |
| #1 | 2.0186 |
| #2 | .34351 |

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2732.3 | 40956. | 5139.6 | 90.455 | 3208.6 |
| Stddev | 10.5 | 151. | 90.5 | .482 | 10.9 |
| %RSD | .38434 | .36812 | 1.7616 | .53300 | .33981 |
| | | | | | |
| #1 | 2724.9 | 41062. | 5075.6 | 90.114 | 3200.8 |
| #2 | 2739.8 | 40849. | 5203.6 | 90.795 | 3216.3 |