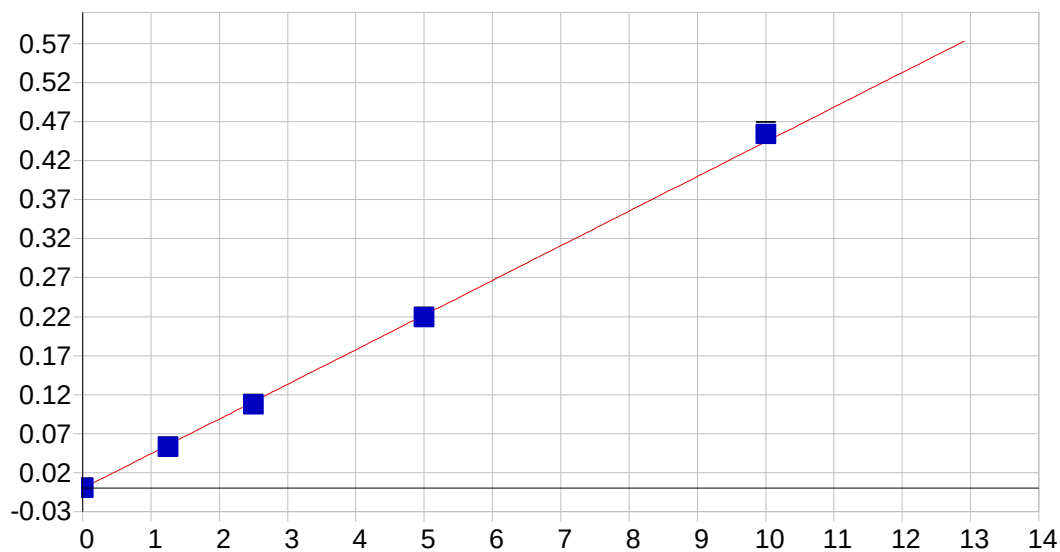


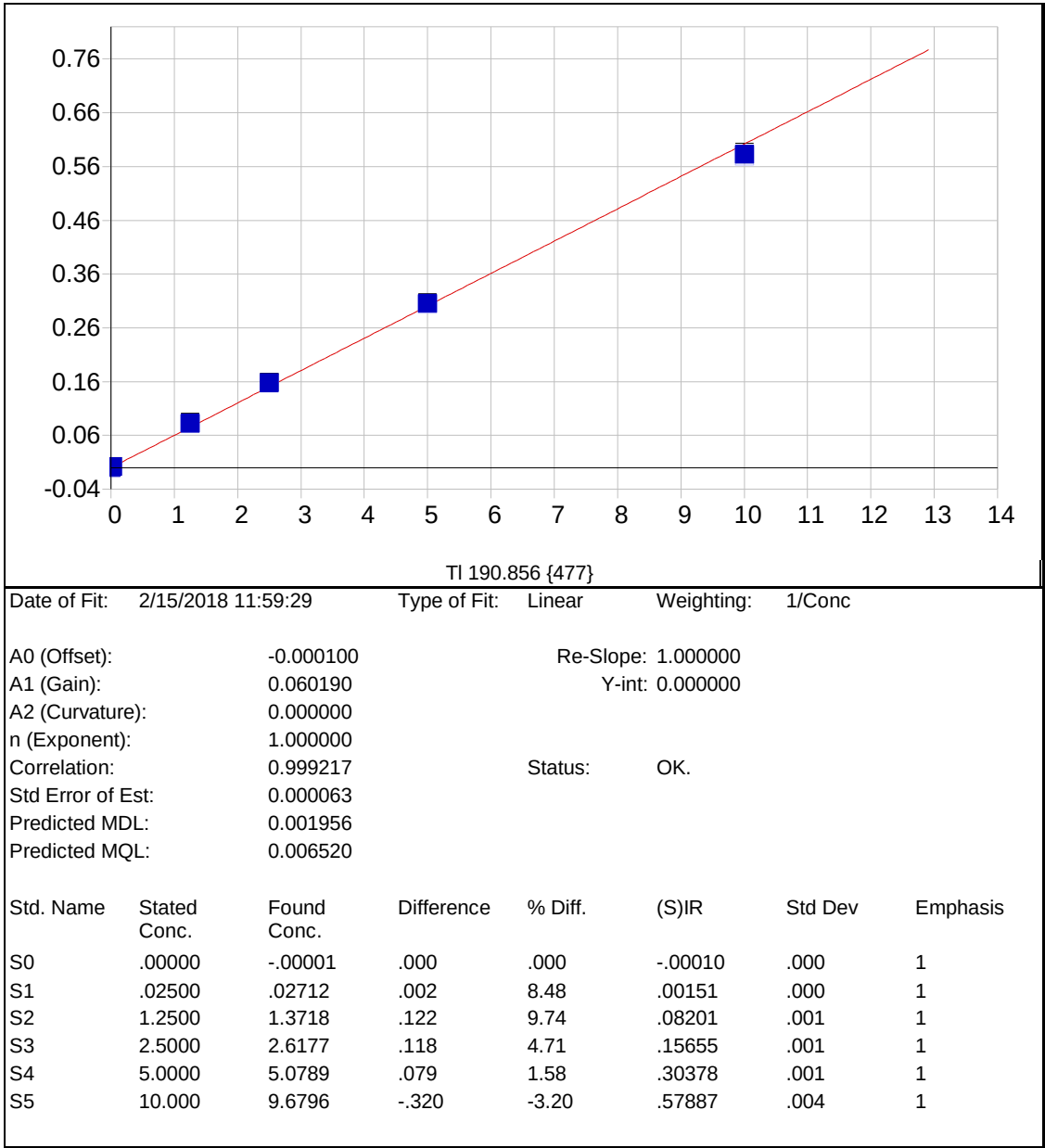


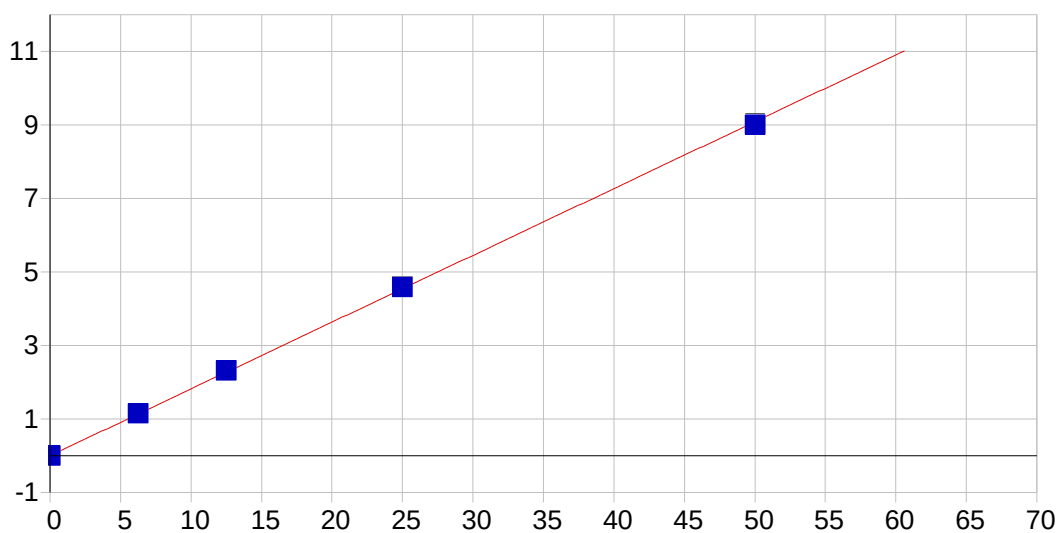
As 189.042 {479}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000060 Re-Slope: 1.000000
 A1 (Gain): 0.044423 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999700 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.003248
 Predicted MQL: 0.010826

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01000	.00760	-.002	-24.0	.00028	.000	1
S2	1.2500	1.1951	-.055	-4.39	.05316	.000	1
S3	2.5000	2.4160	-.084	-3.36	.10752	.000	1
S4	5.0000	4.9291	-.071	-1.42	.21943	.001	1
S5	10.000	10.212	.212	2.12	.45464	.003	1



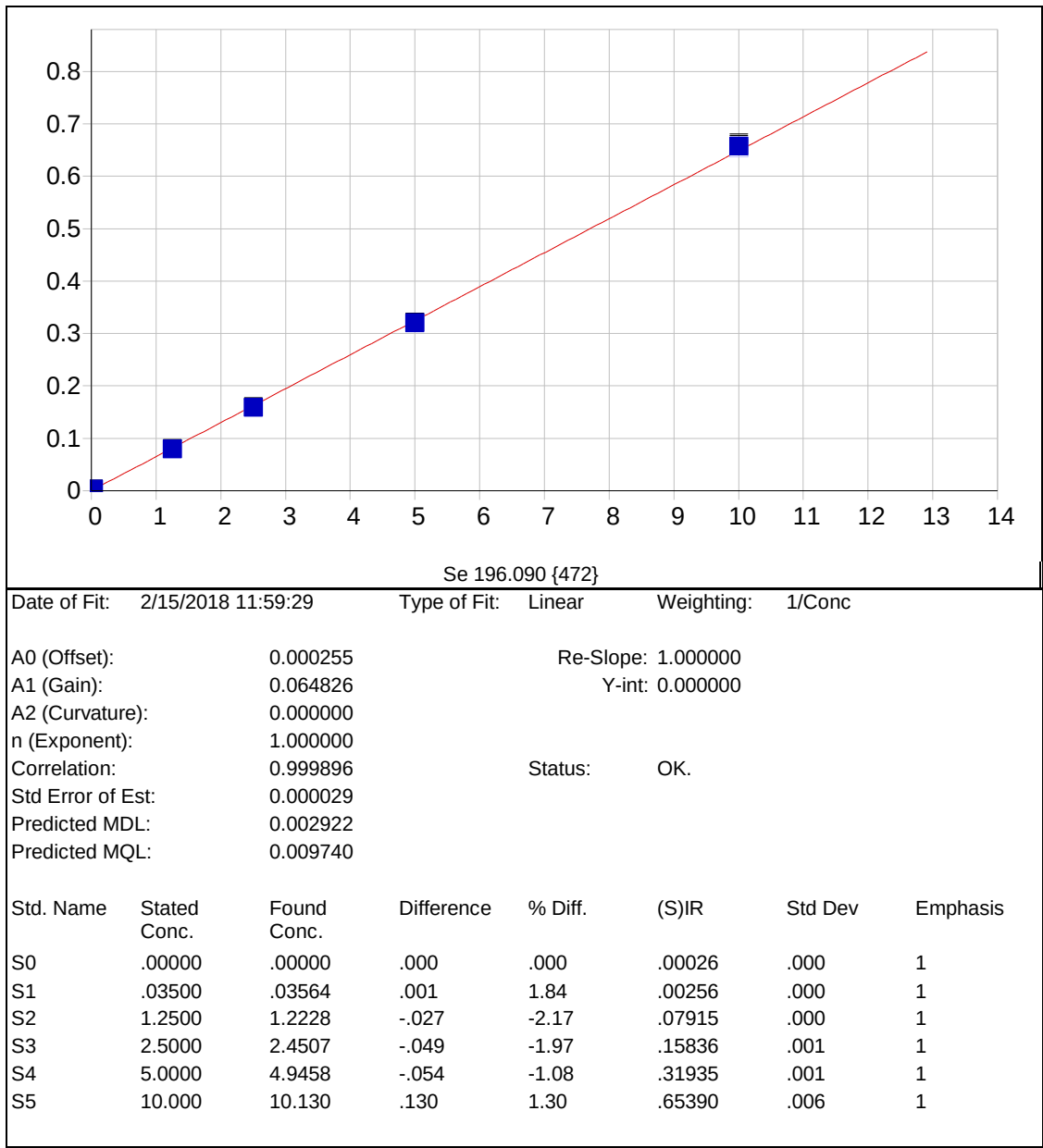


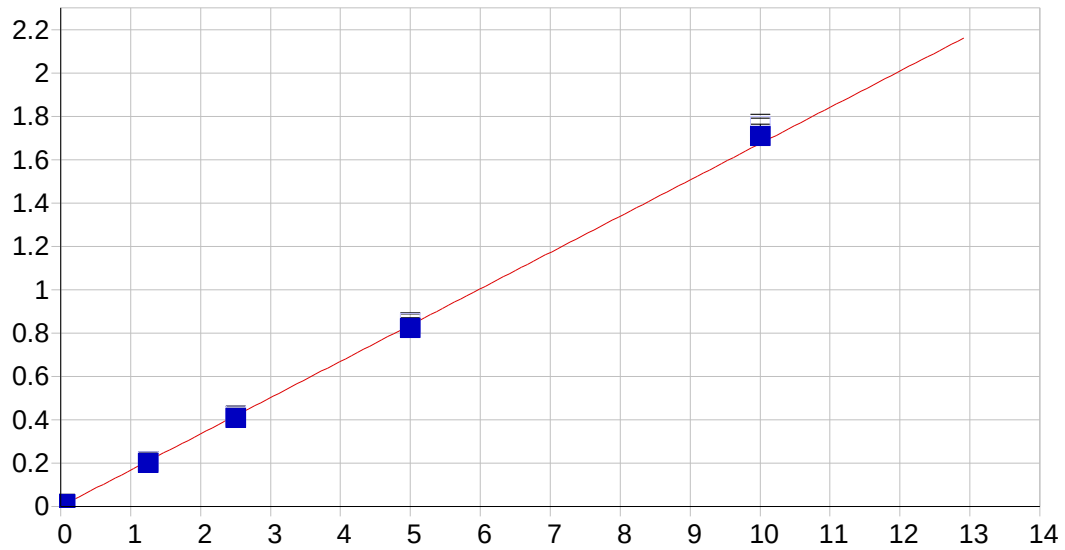
Pb 220.353 {453}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000370 Re-Slope: 1.000000
 A1 (Gain): 0.181738 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000076
 Predicted MDL: 0.001420
 Predicted MQL: 0.004734

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00037	.000	1
S1	.01000	.01240	.002	24.0	.00189	.000	1
S2	6.2500	6.2995	.050	.793	1.1463	.003	1
S3	12.500	12.711	.211	1.69	2.3132	.005	1
S4	25.000	25.237	.237	.947	4.5932	.010	1
S5	50.000	49.501	-.499	-.999	9.0100	.022	1



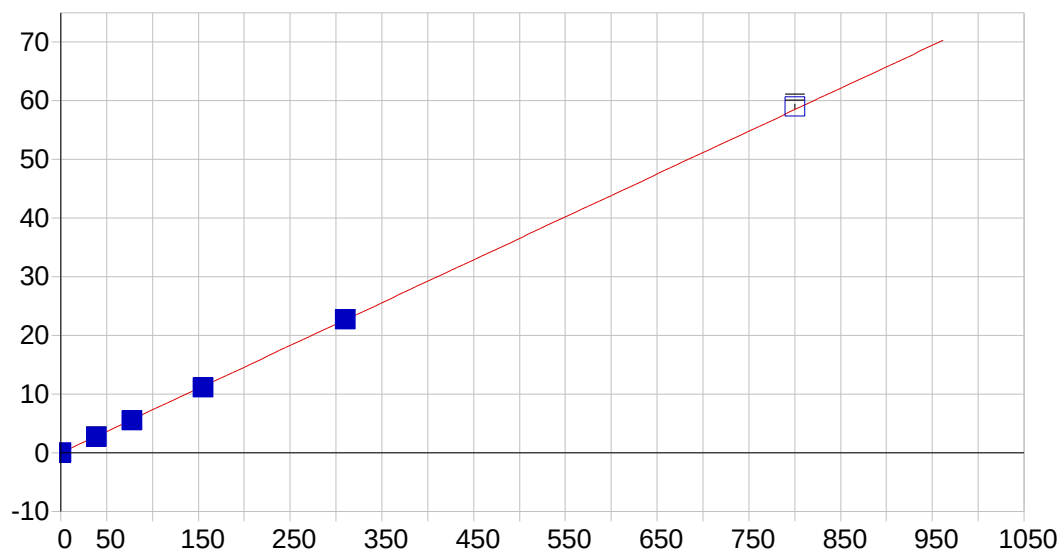


Sb 206.833 {463}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000280 Re-Slope: 1.000000
 A1 (Gain): 0.167334 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999738 Status: OK.
 Std Error of Est: 0.000162
 Predicted MDL: 0.001401
 Predicted MQL: 0.004670

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.06000	.06171	.002	2.86	.01061	.000	1
S2	1.2500	1.1985	-.051	-4.12	.20653	.000	1
S3	2.5000	2.4271	-.073	-2.92	.41781	.001	1
S4	5.0000	4.9103	-.090	-1.79	.84474	.002	1
S5	10.000	10.212	.212	2.12	1.7547	.009	1

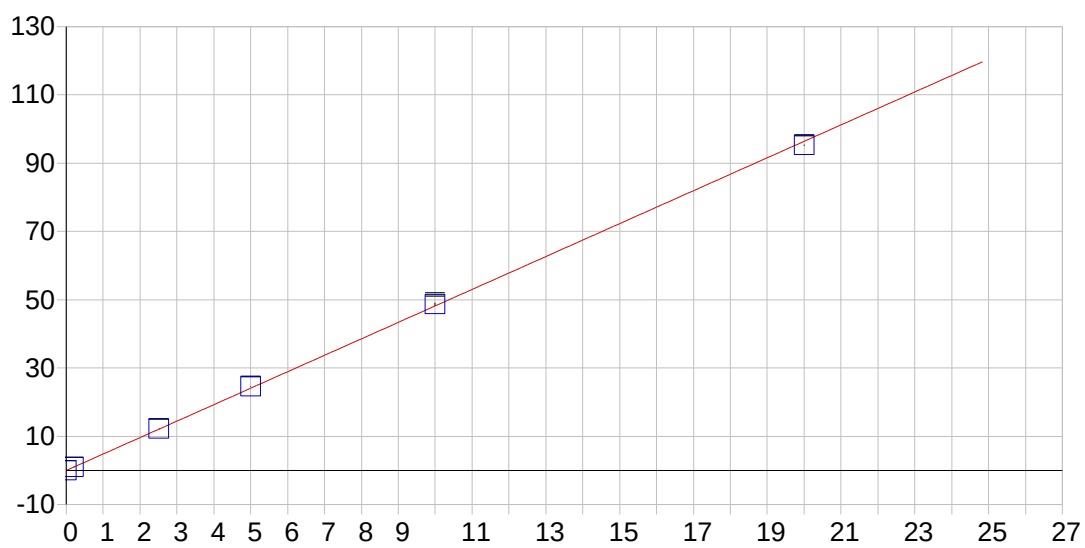


AI 396.152 { 85}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000248 Re-Slope: 1.000000
 A1 (Gain): 0.073108 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.000670
 Predicted MDL: 0.007902
 Predicted MQL: 0.026341

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00025	.000	1
S1	.20000	.20661	.007	3.30	.01537	.001	1
S2	38.750	36.796	-1.95	-5.04	2.6929	.009	1
S3	77.500	74.928	-2.57	-3.32	5.4833	.012	1
S4	155.00	152.05	-2.95	-1.90	11.127	.014	1
S5	310.00	310.63	.635	.205	22.731	.036	1
S6	800.00	806.84	6.84	.855	58.986	.524	1

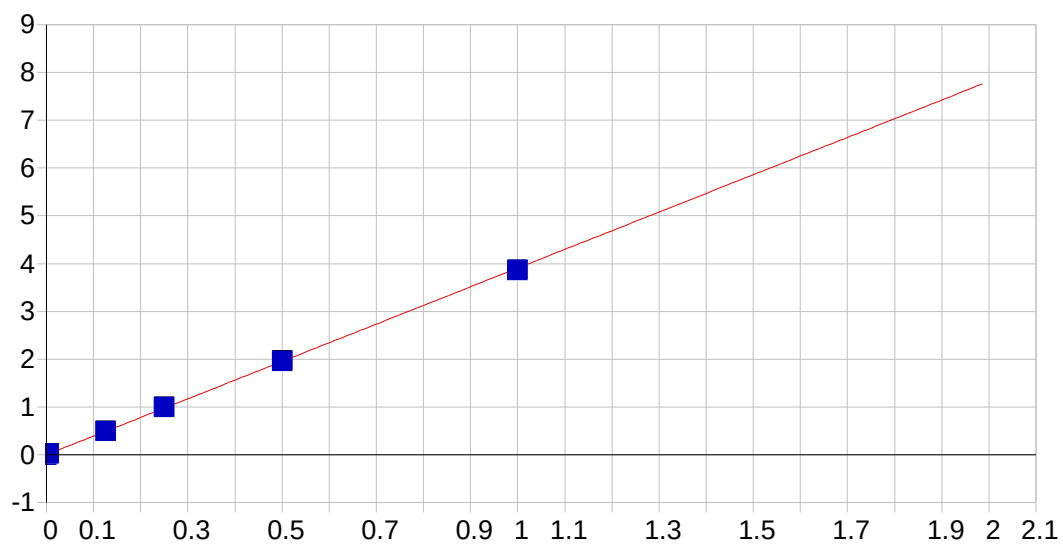


Ba 493.409 { 68}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.026463 Re-Slope: 1.000000
 A1 (Gain): 4.822044 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904 Status: OK.
 Std Error of Est: 0.007105
 Predicted MDL: 0.000366
 Predicted MQL: 0.001220

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.02655	.003	1
S1	.20000	.21297	.013	6.48	1.0005	.001	1
S2	2.5000	2.5285	.029	1.14	12.166	.011	1
S3	5.0000	5.1041	.104	2.08	24.586	.068	1
S4	10.000	10.098	.098	.977	48.665	.408	1
S5	20.000	19.757	-.243	-1.22	95.242	.181	1



Be 234.861 {144}

Date of Fit: 2/15/2018 11:59:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002425

Re-Slope: 1.000000

A1 (Gain): 3.908403

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999910

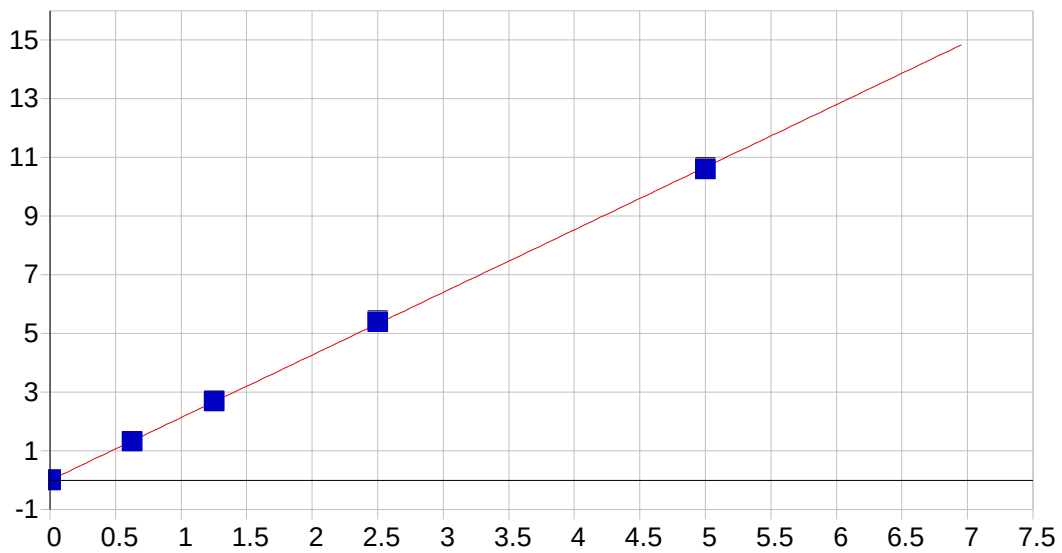
Status: OK.

Std Error of Est: 0.000196

Predicted MDL: 0.000087

Predicted MQL: 0.000290

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00243	.000	1
S1	.00500	.00565	.001	13.0	.01964	.000	1
S2	.12500	.12682	.002	1.45	.49108	.004	1
S3	.25000	.25538	.005	2.15	.99141	.005	1
S4	.50000	.50212	.002	.424	1.9515	.008	1
S5	1.0000	.99004	-.010	-.996	3.8499	.006	1

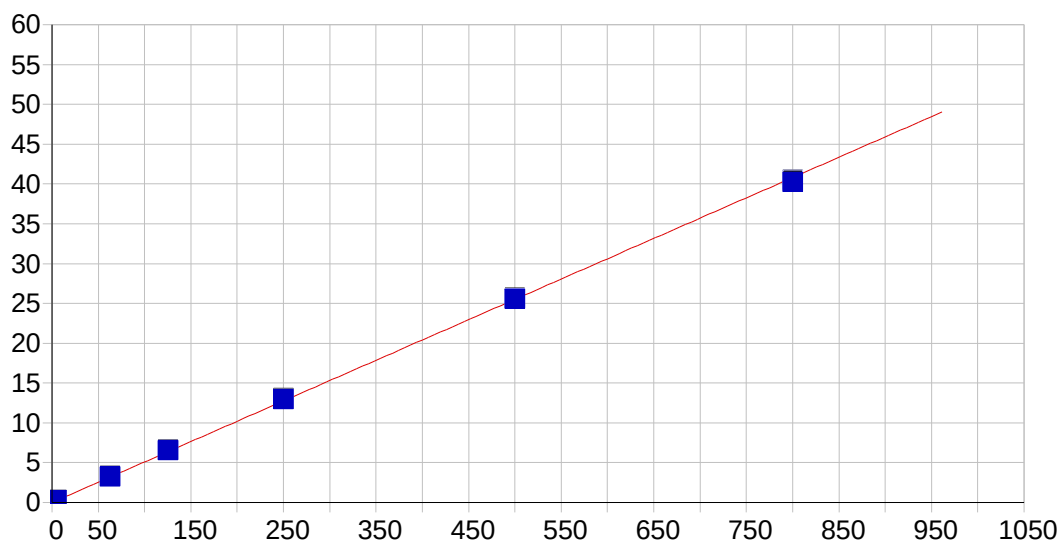


Cd 214.438 {457}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000347 Re-Slope: 1.000000
 A1 (Gain): 2.133958 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000174
 Predicted MDL: 0.000087
 Predicted MQL: 0.000290

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00035	.000	1
S1	.00500	.00492	.000	-1.53	.01017	.000	1
S2	.62500	.61502	-.010	-1.60	1.3148	.003	1
S3	1.2500	1.2598	.010	.785	2.6935	.005	1
S4	2.5000	2.5330	.033	1.32	5.4159	.017	1
S5	5.0000	4.9673	-.033	-.655	10.622	.030	1

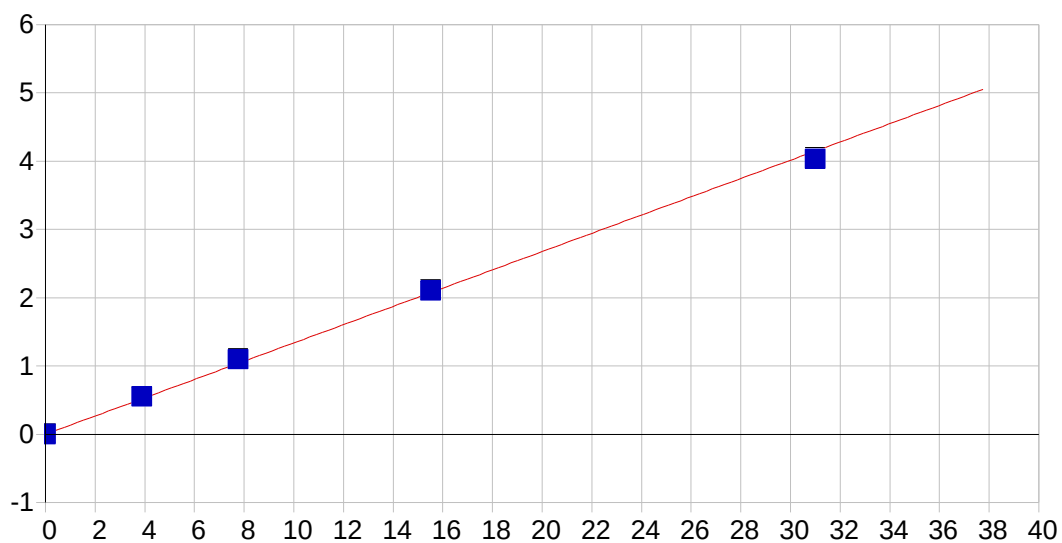


Ca 373.690 { 90}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001433 Re-Slope: 1.000000
 A1 (Gain): 0.051010 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.002894
 Predicted MDL: 0.010769
 Predicted MQL: 0.035895

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00093	-.001	.000	.00139	.001	1
S1	5.0000	5.6290	.629	12.6	.28860	.002	1
S2	62.500	64.011	1.51	2.42	3.2779	.009	1
S3	125.00	128.85	3.85	3.08	6.5969	.030	1
S4	250.00	254.34	4.34	1.74	13.021	.086	1
S5	500.00	500.64	.638	.128	25.630	.050	1
S6	800.00	789.06	-10.9	-1.37	40.493	.035	1

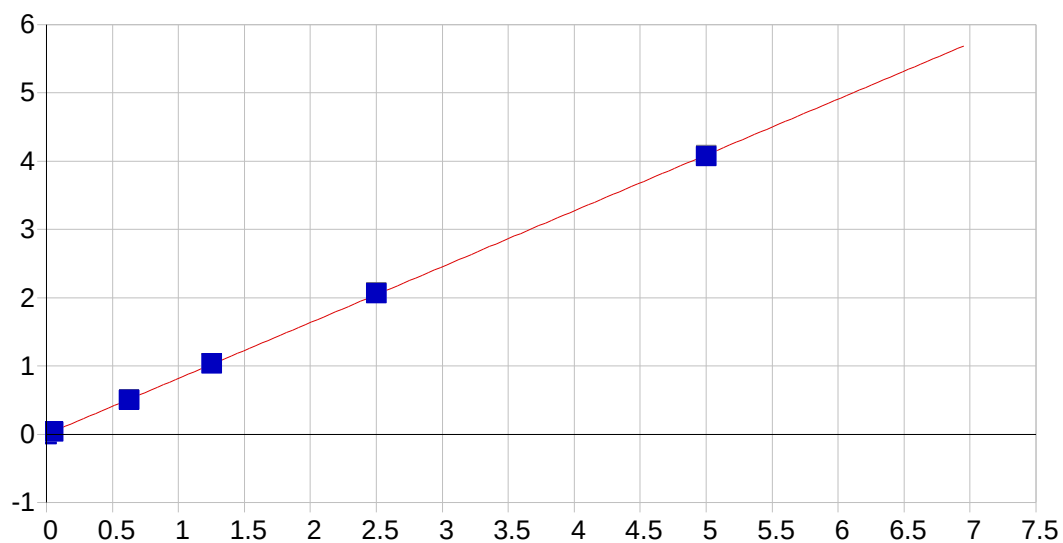


Cr 267.716 {126}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000017 Re-Slope: 1.000000
 A1 (Gain): 0.133821 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999417 Status: OK.
 Std Error of Est: 0.000135
 Predicted MDL: 0.000580
 Predicted MQL: 0.001934

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01000	.01172	.002	17.2	.00155	.000	1
S2	3.8750	4.0967	.222	5.72	.54913	.002	1
S3	7.7500	8.1929	.443	5.71	1.0982	.007	1
S4	15.500	15.736	.236	1.52	2.1094	.010	1
S5	31.000	30.098	-.902	-2.91	4.0350	.024	1

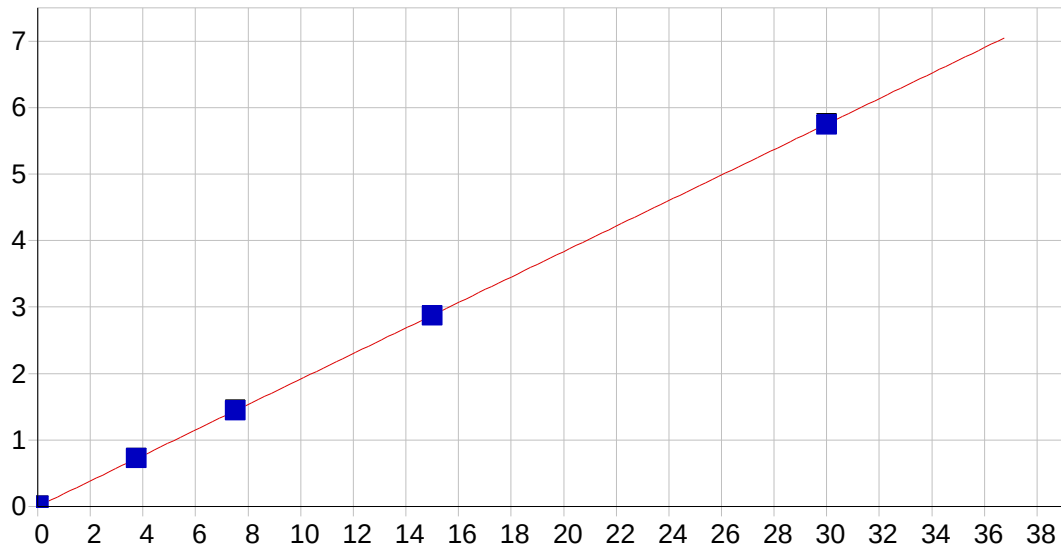


Co 228.616 {448}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000168 Re-Slope: 1.000000
 A1 (Gain): 0.818254 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000184
 Predicted MDL: 0.000223
 Predicted MQL: 0.000744

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.05000	.04804	-.002	-3.92	.03929	.000	1
S2	.62500	.61538	-.010	-1.54	.50438	.001	1
S3	1.2500	1.2608	.011	.861	1.0335	.002	1
S4	2.5000	2.5247	.025	.990	2.0698	.004	1
S5	5.0000	4.9761	-.024	-.479	4.0796	.005	1

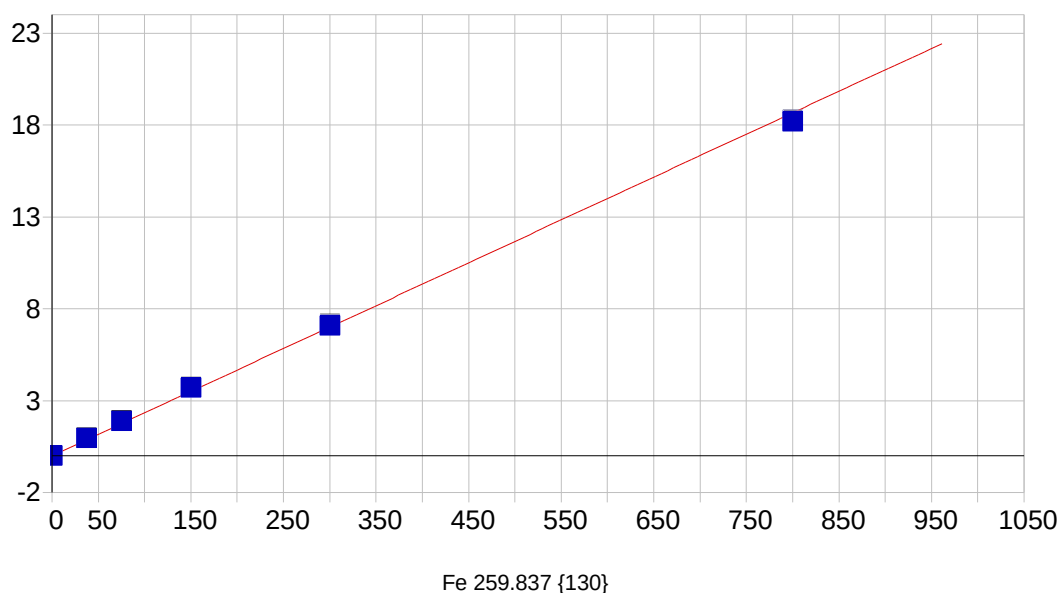


Cu 324.754 {104}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000445 Re-Slope: 1.000000
 A1 (Gain): 0.191707 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.001840
 Predicted MQL: 0.006133

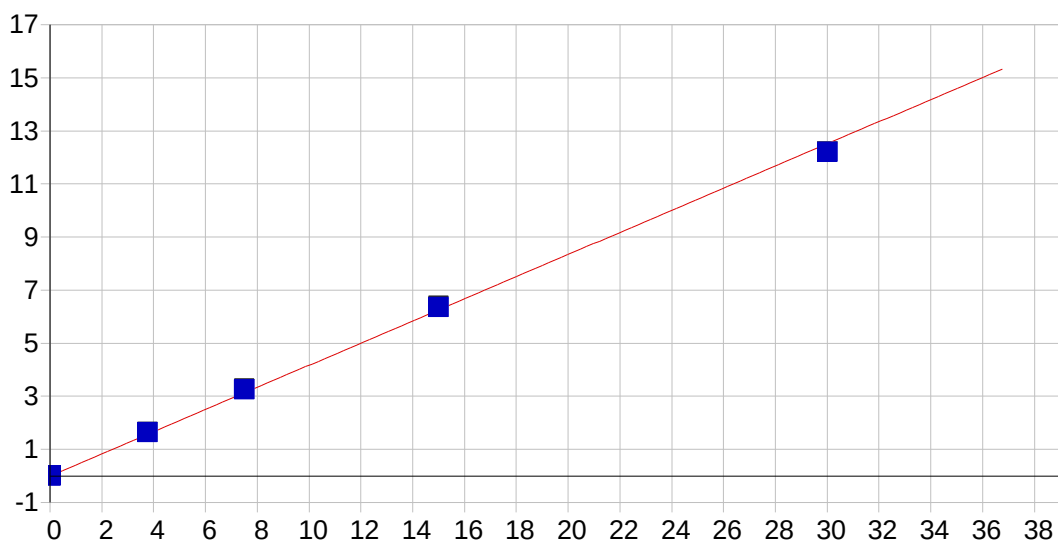
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00044	.000	1
S1	.02500	.02826	.003	13.1	.00585	.001	1
S2	3.7500	3.7728	.023	.608	.72327	.002	1
S3	7.5000	7.5388	.039	.517	1.4448	.004	1
S4	15.000	14.970	-.030	-.200	2.8685	.003	1
S5	30.000	29.965	-.035	-.116	5.7414	.017	1



Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000078 Re-Slope: 1.000000
 A1 (Gain): 0.023330 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999365 Status: OK.
 Std Error of Est: 0.000365
 Predicted MDL: 0.008725
 Predicted MQL: 0.029083

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00008	.000	1
S1	.10000	.11940	.019	19.4	.00291	.000	1
S2	37.500	40.563	3.06	8.17	.95109	.005	1
S3	75.000	80.790	5.79	7.72	1.8943	.007	1
S4	150.00	158.23	8.23	5.49	3.7103	.025	1
S5	300.00	303.82	3.82	1.27	7.1256	.042	1
S6	800.00	779.06	-20.9	-2.62	18.260	.011	1

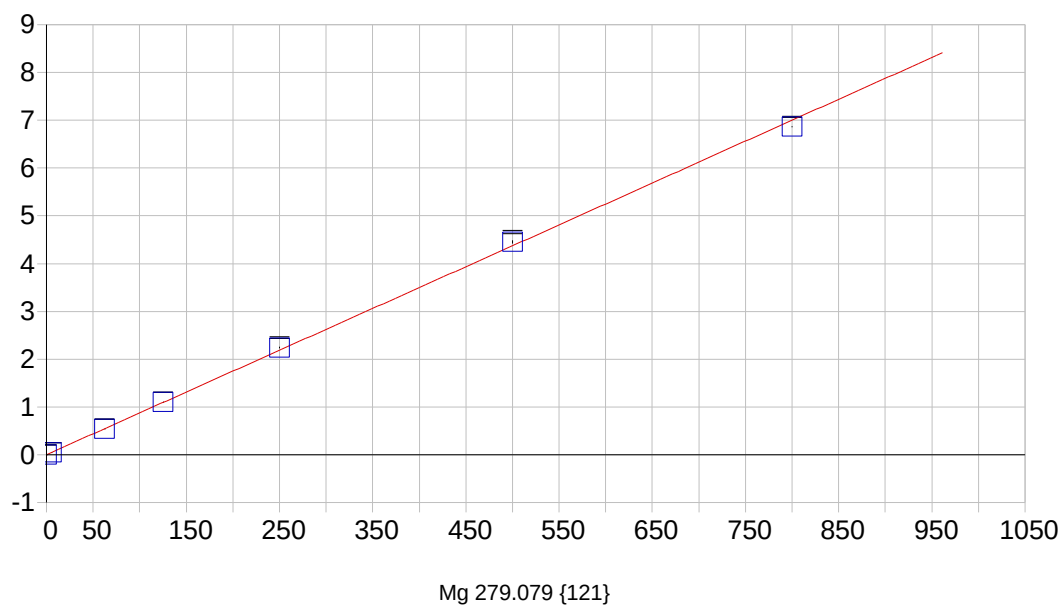


Mn 257.610 {131}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000072 Re-Slope: 1.000000
 A1 (Gain): 0.417057 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999589 Status: OK.
 Std Error of Est: 0.000426
 Predicted MDL: 0.000486
 Predicted MQL: 0.001621

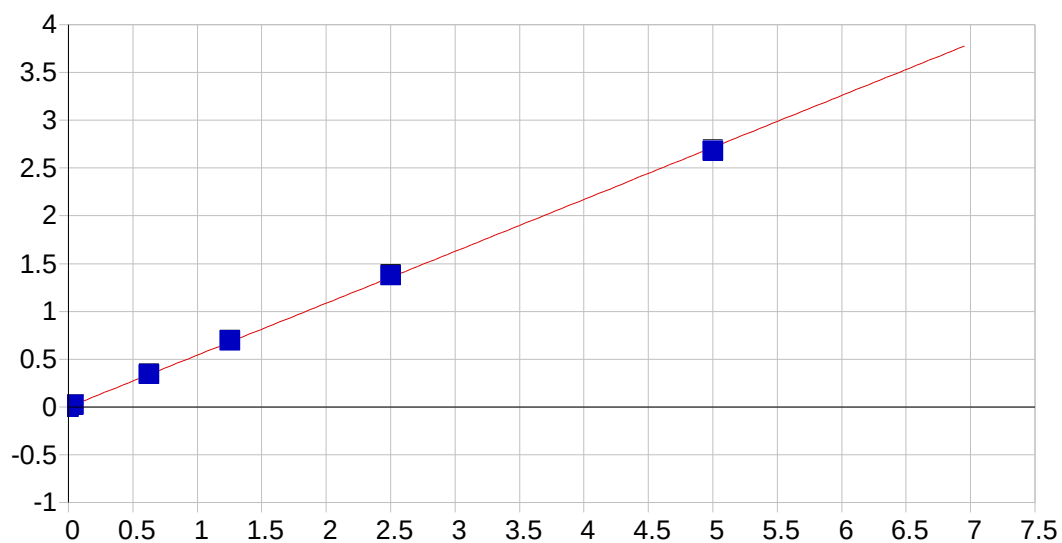
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01500	.01704	.002	13.6	.00704	.000	1
S2	3.7500	3.9387	.189	5.03	1.6429	.004	1
S3	7.5000	7.8230	.323	4.31	3.2633	.009	1
S4	15.000	15.238	.238	1.59	6.3566	.041	1
S5	30.000	29.248	-.752	-2.51	12.201	.024	1



Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000137 Re-Slope: 1.000000
 A1 (Gain): 0.008749 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999818 Status: OK.
 Std Error of Est: 0.000583
 Predicted MDL: 0.026843
 Predicted MQL: 0.089476

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00013	.000	.000	-.00014	.000	1
S1	5.0000	5.0625	.062	1.25	.04415	.000	1
S2	62.500	61.455	-1.05	-1.67	.53753	.002	1
S3	125.00	125.80	.803	.642	1.1005	.003	1
S4	250.00	256.25	6.25	2.50	2.2417	.016	1
S5	500.00	509.14	9.14	1.83	4.4543	.036	1
S6	800.00	784.79	-15.2	-1.90	6.8659	.013	1

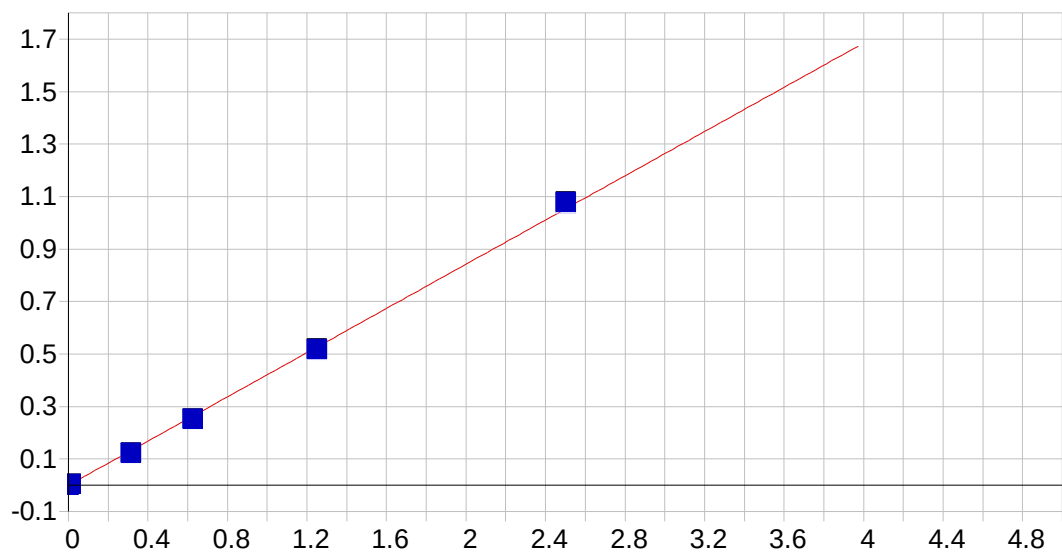


Ni 231.604 {446}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000874 Re-Slope: 1.000000
 A1 (Gain): 0.543211 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883 Status: OK.
 Std Error of Est: 0.000197
 Predicted MDL: 0.000391
 Predicted MQL: 0.001305

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00087	.000	1
S1	.04000	.04086	.001	2.15	.02133	.000	1
S2	.62500	.63204	.007	1.13	.34315	.001	1
S3	1.2500	1.2788	.029	2.31	.69519	.002	1
S4	2.5000	2.5336	.034	1.34	1.3782	.006	1
S5	5.0000	4.9297	-.070	-1.41	2.6826	.007	1

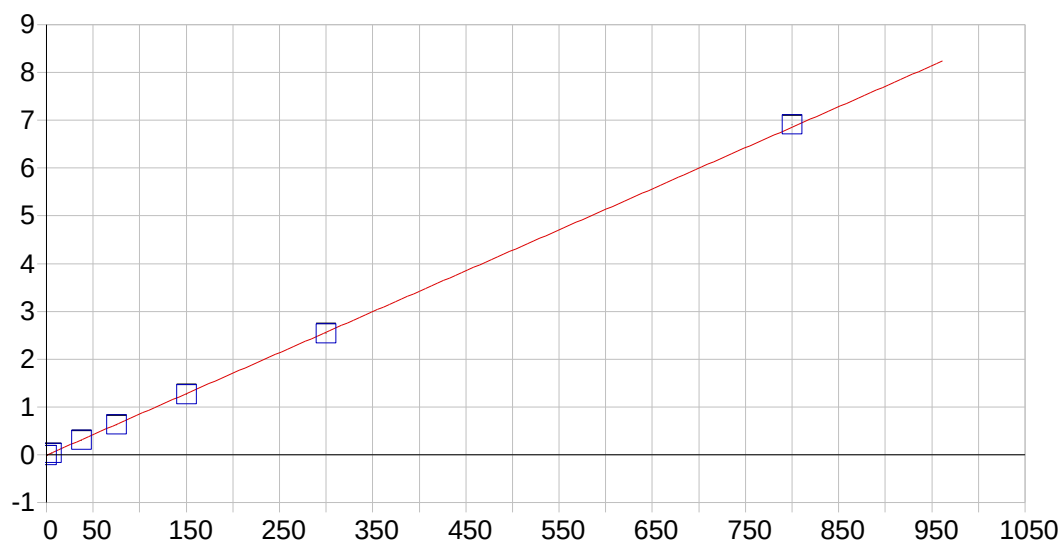


Ag 328.068 {103}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000286 Re-Slope: 1.000000
 A1 (Gain): 0.421234 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999554 Status: OK.
 Std Error of Est: 0.000105
 Predicted MDL: 0.000322
 Predicted MQL: 0.001072

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00029	.000	1
S1	.01000	.01054	.001	5.37	.00412	.000	1
S2	.31250	.29208	-.020	-6.53	.12185	.000	1
S3	.62500	.60023	-.025	-3.96	.25075	.000	1
S4	1.2500	1.2325	-.017	-1.40	.51529	.001	1
S5	2.5000	2.5622	.062	2.49	1.0718	.002	1



Na 818.326 { 41}

Date of Fit: 2/15/2018 11:59:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.008241

Re-Slope: 1.000000

A1 (Gain): 0.008576

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999947

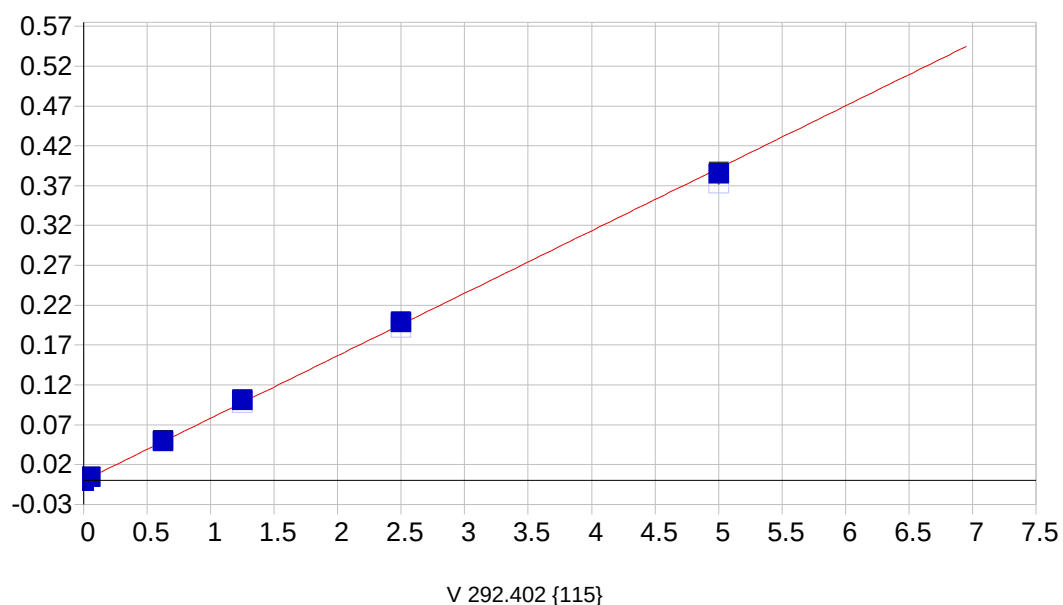
Status: OK.

Std Error of Est: 0.000273

Predicted MDL: 0.155658

Predicted MQL: 0.518861

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00023	.000	.000	-.00824	.000	1
S1	5.0000	5.0544	.054	1.09	.03511	.000	1
S2	37.500	36.330	-1.17	-3.12	.30332	.002	1
S3	75.000	73.920	-1.08	-1.44	.62569	.002	1
S4	150.00	148.74	-1.26	-.842	1.2673	.004	1
S5	300.00	297.01	-2.99	-.995	2.5389	.004	1
S6	800.00	806.44	6.44	.806	6.9078	.008	1



Date of Fit: 2/15/2018 11:59:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000123

Re-Slope: 1.000000

A1 (Gain): 0.078385

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999815

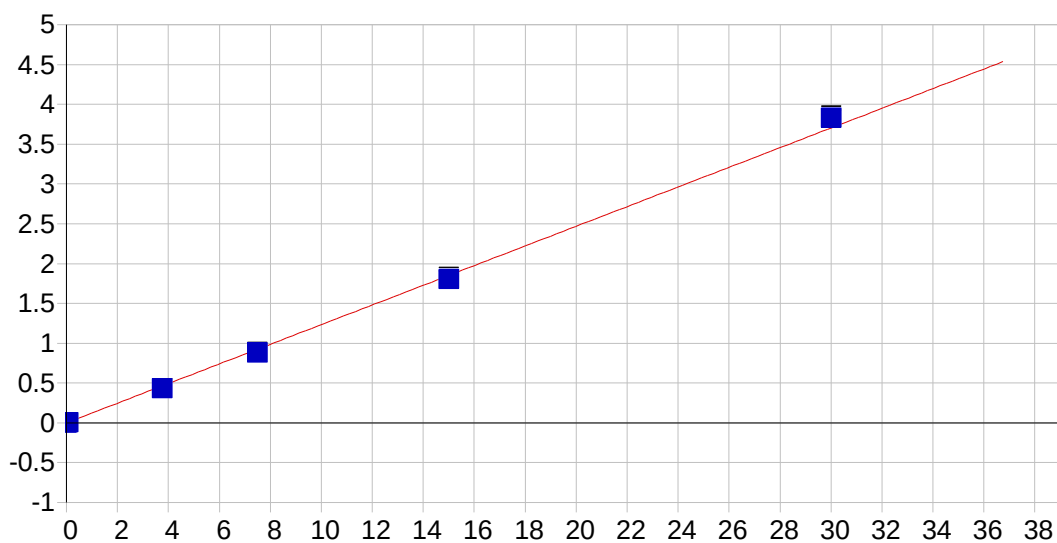
Status: OK.

Std Error of Est: 0.000039

Predicted MDL: 0.002964

Predicted MQL: 0.009880

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00012	.000	1
S1	.05000	.05416	.004	8.32	.00412	.000	1
S2	.62500	.63741	.012	1.99	.04822	.000	1
S3	1.2500	1.2839	.034	2.71	.09728	.001	1
S4	2.5000	2.5315	.032	1.26	.19185	.001	1
S5	5.0000	4.9179	-.082	-1.64	.37244	.001	1

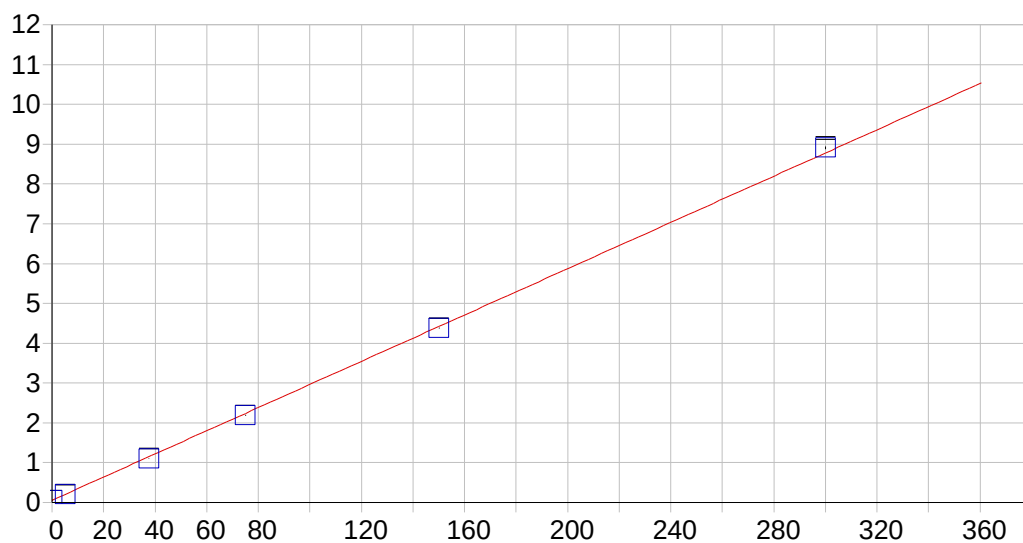


Zn 213.856 {158}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000920 Re-Slope: 1.000000
 A1 (Gain): 0.123459 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999244 Status: OK.
 Std Error of Est: 0.000343
 Predicted MDL: 0.006136
 Predicted MQL: 0.020453

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00092	.001	1
S1	.06000	.07869	.019	31.2	.00882	.000	1
S2	3.7500	3.4918	-.258	-6.89	.43142	.001	1
S3	7.5000	7.1289	-.371	-4.95	.88170	.009	1
S4	15.000	14.608	-.392	-2.61	1.8076	.021	1
S5	30.000	31.002	1.00	3.34	3.8366	.022	1

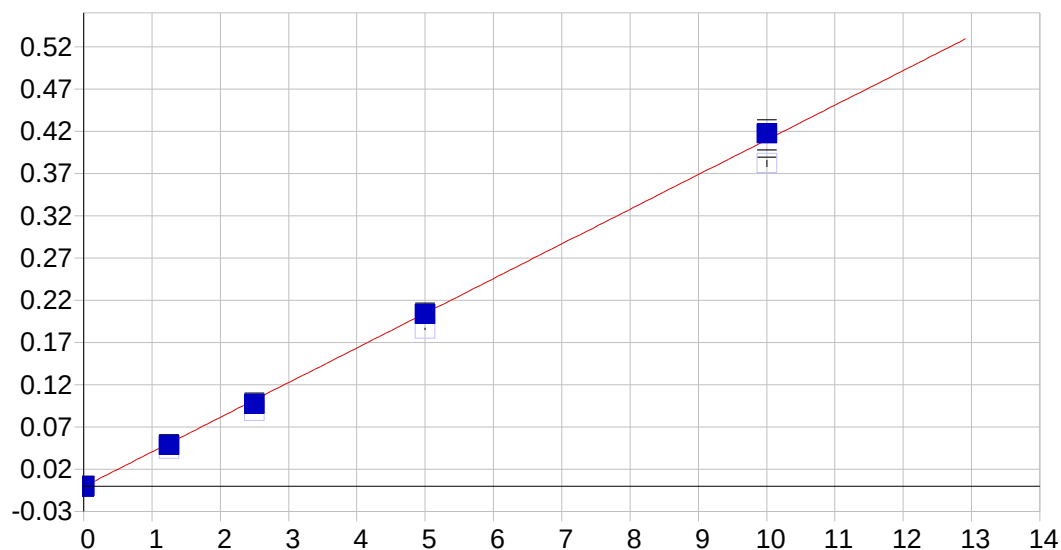


K 769.896 { 44}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.057564 Re-Slope: 1.000000
 A1 (Gain): 0.029070 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852 Status: OK.
 Std Error of Est: 0.001032
 Predicted MDL: 0.041953
 Predicted MQL: 0.139843

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00034	.000	.000	.05757	.001	1
S1	5.0000	4.9233	-.077	-1.53	.20068	.002	1
S2	37.500	36.139	-1.36	-3.63	1.1081	.003	1
S3	75.000	73.383	-1.62	-2.16	2.1908	.005	1
S4	150.00	148.53	-1.47	-.983	4.3752	.001	1
S5	300.00	304.53	4.53	1.51	8.9101	.035	1

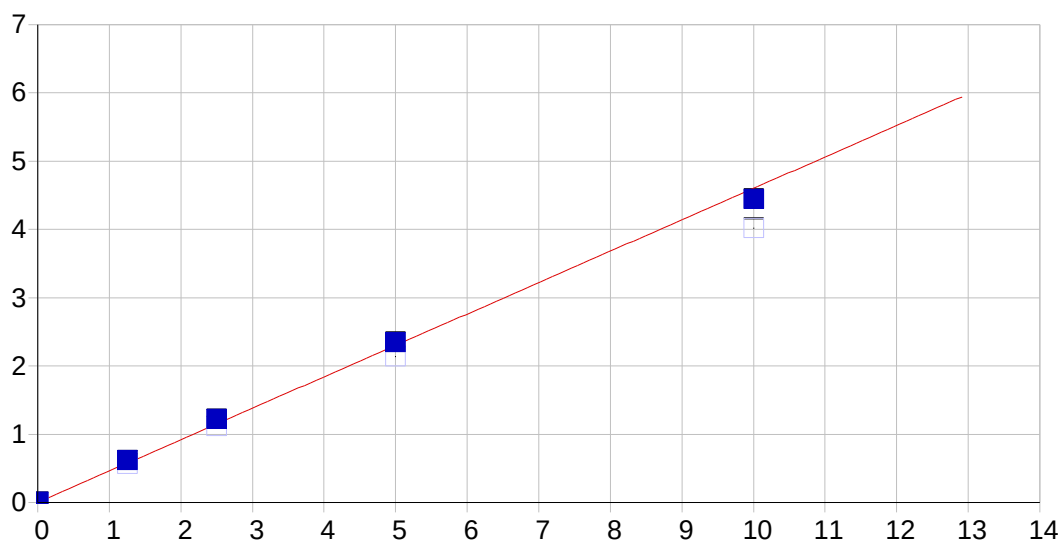


P 177.495 {490}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000585 Re-Slope: 1.000000
 A1 (Gain): 0.041028 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999627 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.002286
 Predicted MQL: 0.007621

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00059	.000	1
S1	.01000	.01233	.002	23.3	-.00011	.000	1
S2	1.2500	1.1942	-.056	-4.46	.04399	.001	1
S3	2.5000	2.3870	-.113	-4.52	.08850	.001	1
S4	5.0000	4.9803	-.020	-.394	.18605	.001	1
S5	10.000	10.186	.186	1.86	.38195	.004	1

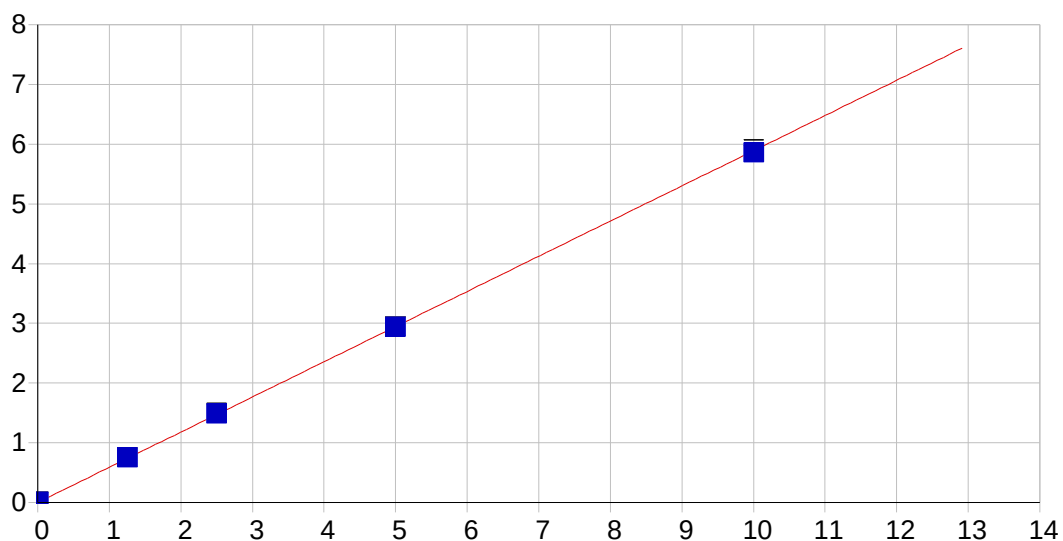


B 249.678 {135}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000788 Re-Slope: 1.000000
 A1 (Gain): 0.460154 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999006 Status: OK.
 Std Error of Est: 0.000312
 Predicted MDL: 0.000884
 Predicted MQL: 0.002946

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00079	.000	1
S1	.01000	.01195	.002	19.5	.00618	.000	1
S2	1.2500	1.3369	.087	6.95	.56297	.004	1
S3	2.5000	2.6561	.156	6.25	1.1171	.002	1
S4	5.0000	5.1063	.106	2.13	2.1386	.005	1
S5	10.000	9.6486	-.351	-3.51	4.0168	.008	1

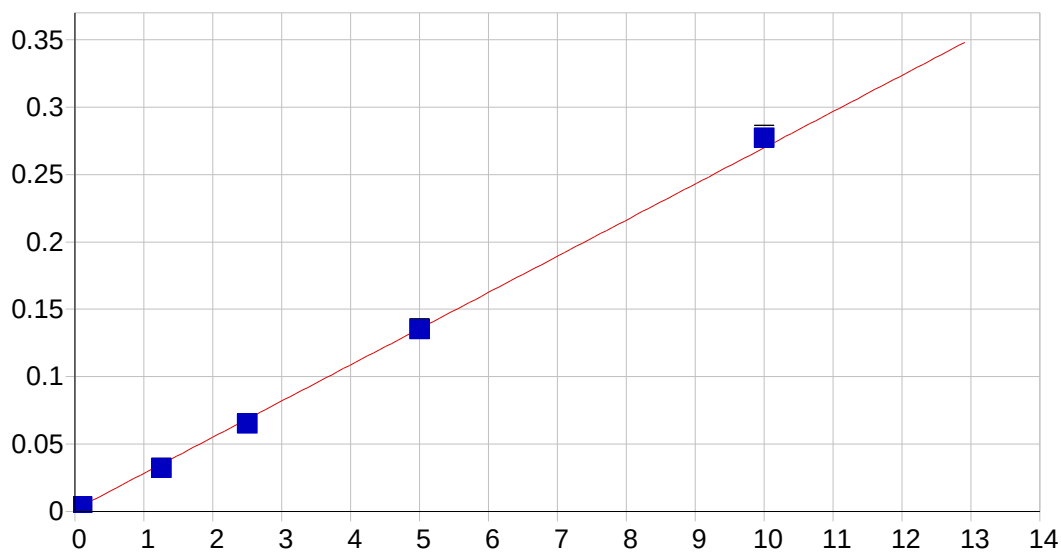


Mo 202.030 {467}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000232 Re-Slope: 1.000000
 A1 (Gain): 0.588980 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000082
 Predicted MDL: 0.000320
 Predicted MQL: 0.001065

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.01000	.01107	.001	10.7	.00675	.000	1
S2	1.2500	1.2743	.024	1.94	.75074	.001	1
S3	2.5000	2.5323	.032	1.29	1.4917	.005	1
S4	5.0000	4.9952	-.005	-.095	2.9422	.002	1
S5	10.000	9.9471	-.053	-.529	5.8586	.047	1

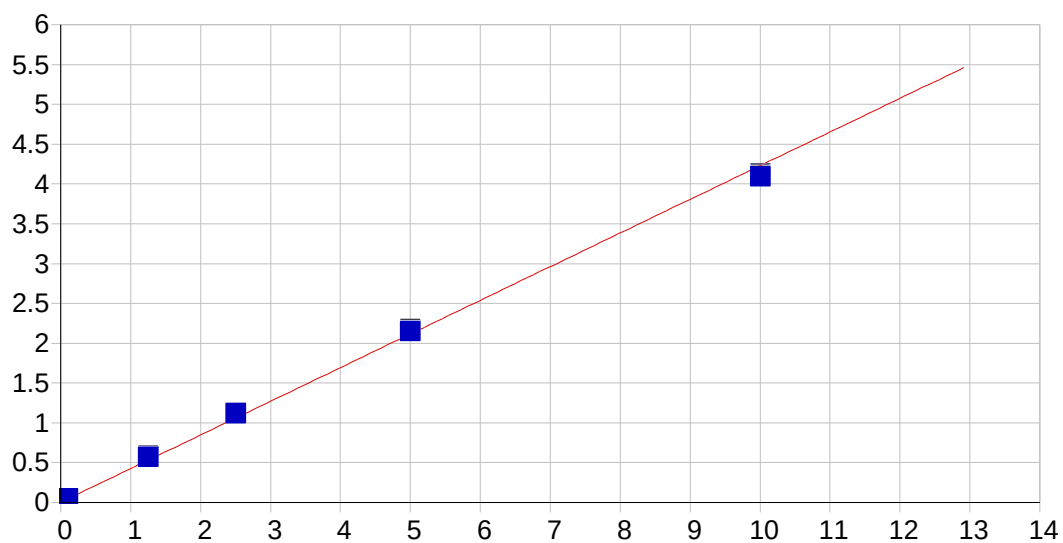


S 182.034 {485}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001401 Re-Slope: 1.000000
 A1 (Gain): 0.026851 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999272 Status: OK.
 Std Error of Est: 0.000054
 Predicted MDL: 0.003725
 Predicted MQL: 0.012417

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00140	.000	1
S1	.10000	.08312	-.017	-16.9	.00363	.000	1
S2	1.2500	1.1394	-.111	-8.85	.03201	.000	1
S3	2.5000	2.3671	-.133	-5.31	.06498	.000	1
S4	5.0000	4.9825	-.018	-.350	.13523	.000	1
S5	10.000	10.278	.278	2.78	.27746	.002	1

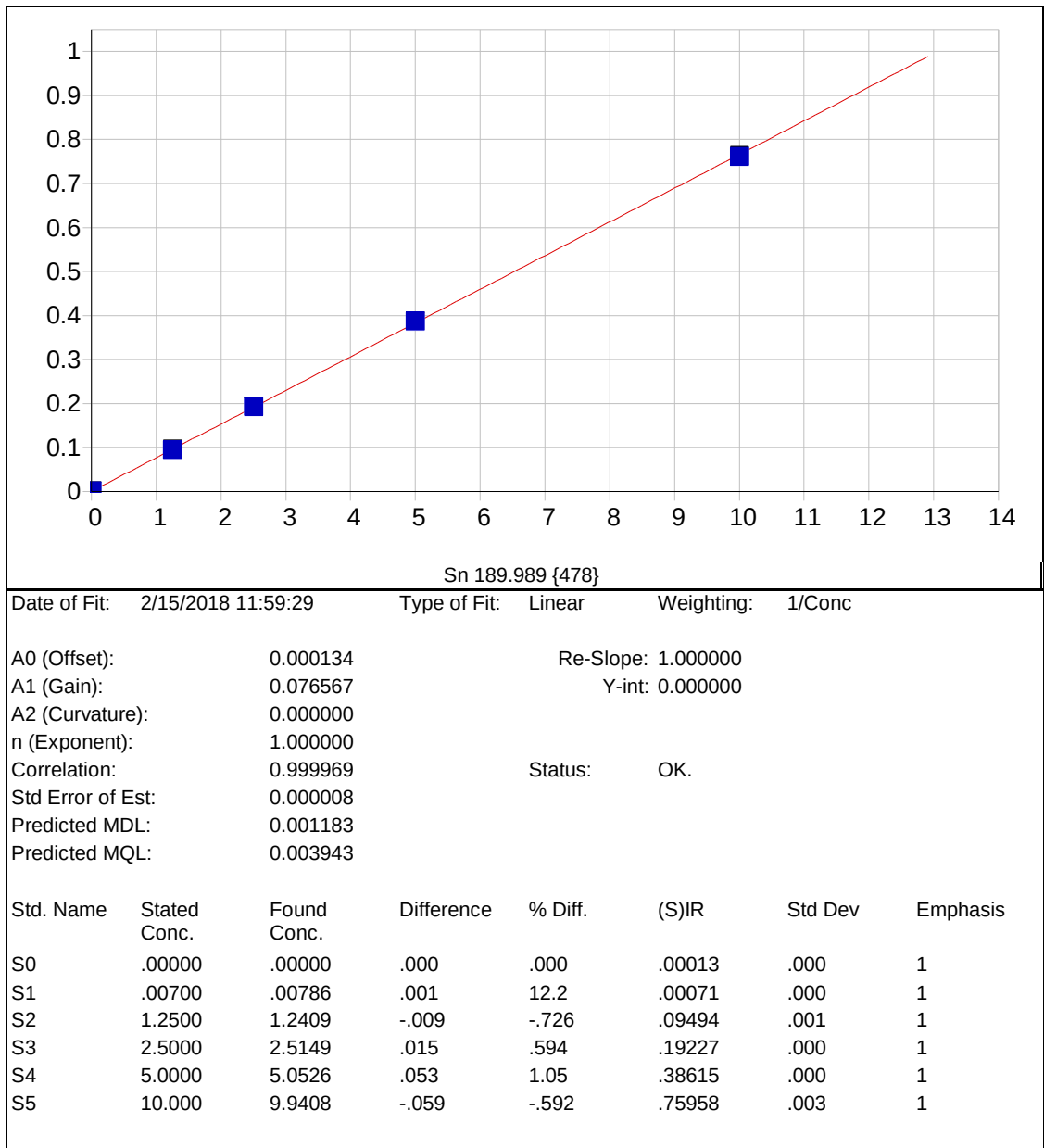


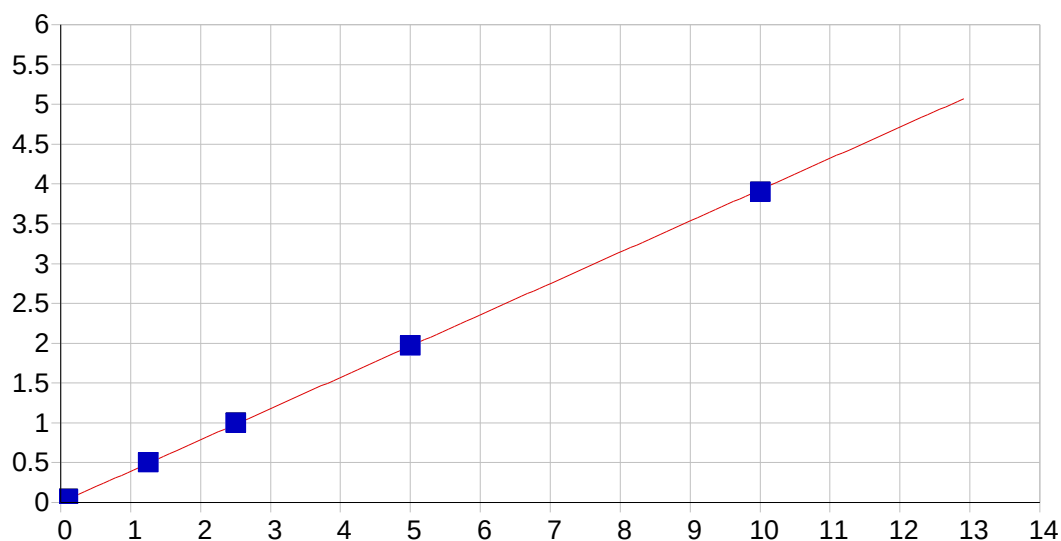
Si 251.611 {134}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002816 Re-Slope: 1.000000
 A1 (Gain): 0.422678 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999252 Status: OK.
 Std Error of Est: 0.000876
 Predicted MDL: 0.000980
 Predicted MQL: 0.003265

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00281	.000	1
S1	.10000	.10745	.007	7.45	.04838	.001	1
S2	1.2500	1.3516	.102	8.12	.57842	.005	1
S3	2.5000	2.6413	.141	5.65	1.1279	.005	1
S4	5.0000	5.0769	.077	1.54	2.1660	.009	1
S5	10.000	9.6728	-.327	-3.27	4.1260	.009	1



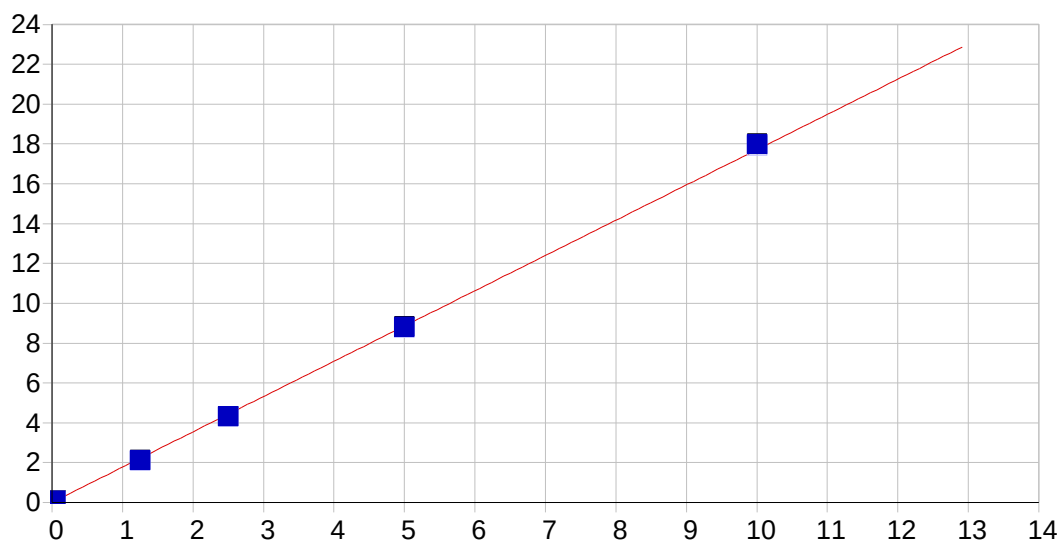


Ti 336.121 {100}

Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000404 Re-Slope: 1.000000
 A1 (Gain): 0.392752 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000210
 Predicted MDL: 0.000992
 Predicted MQL: 0.003305

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00040	.000	1
S1	.10000	.10413	.004	4.13	.04129	.001	1
S2	1.2500	1.2730	.023	1.84	.50019	.001	1
S3	2.5000	2.5422	.042	1.69	.99851	.001	1
S4	5.0000	5.0072	.007	.145	1.9663	.001	1
S5	10.000	9.9234	-.077	-.766	3.8964	.004	1

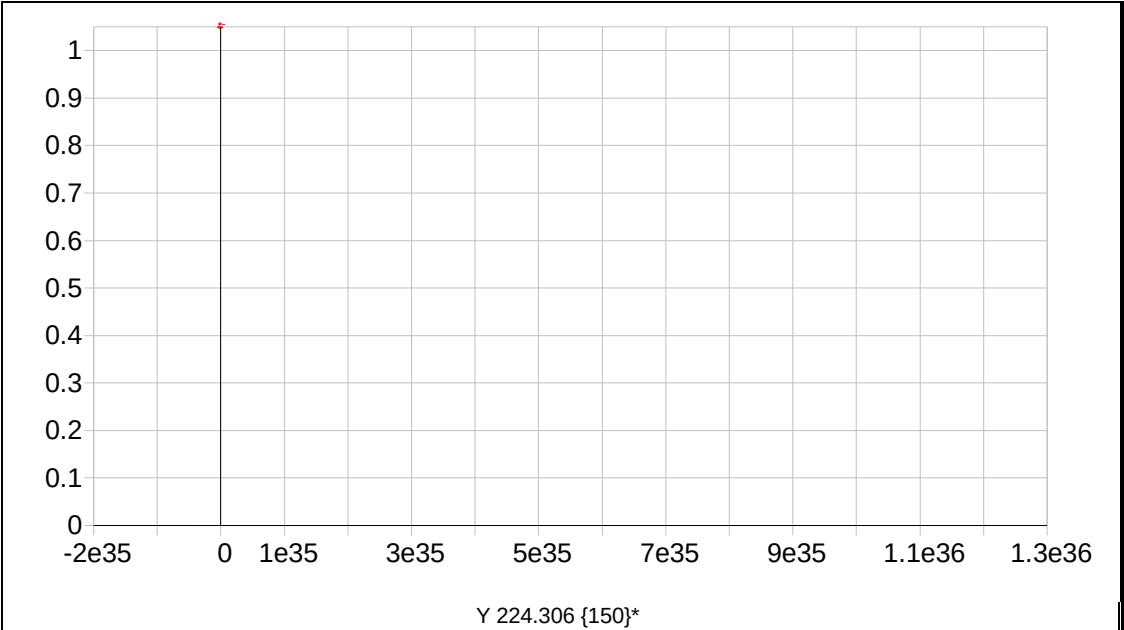


Li 670.784 { 50}

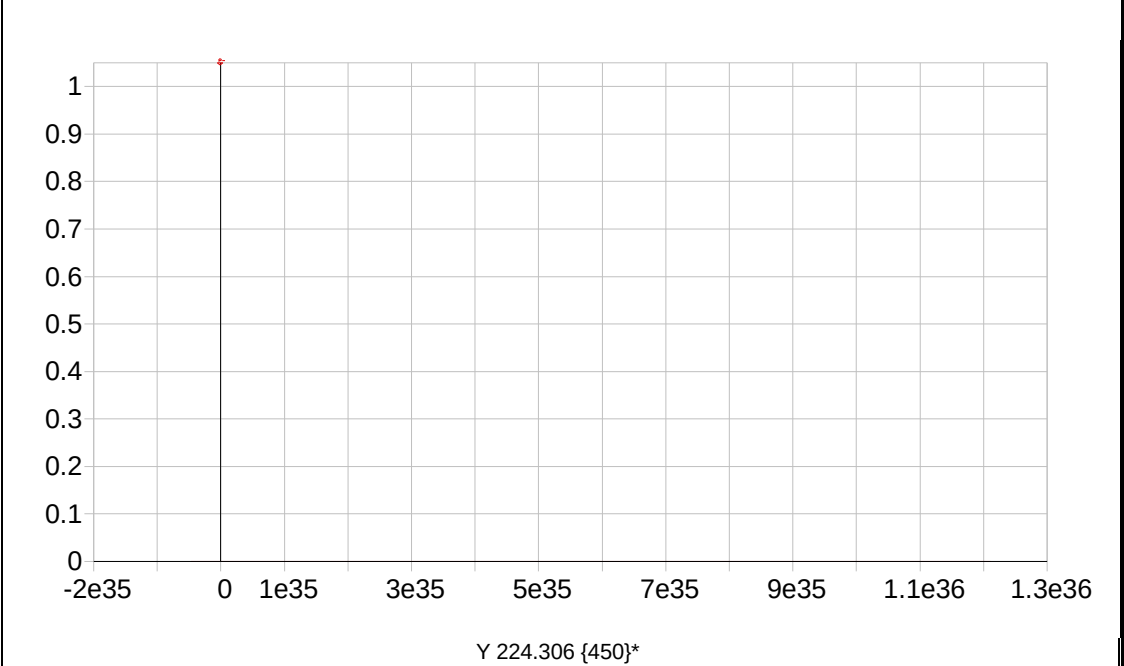
Date of Fit: 2/15/2018 11:59:29 Type of Fit: Linear Weighting: 1/Conc

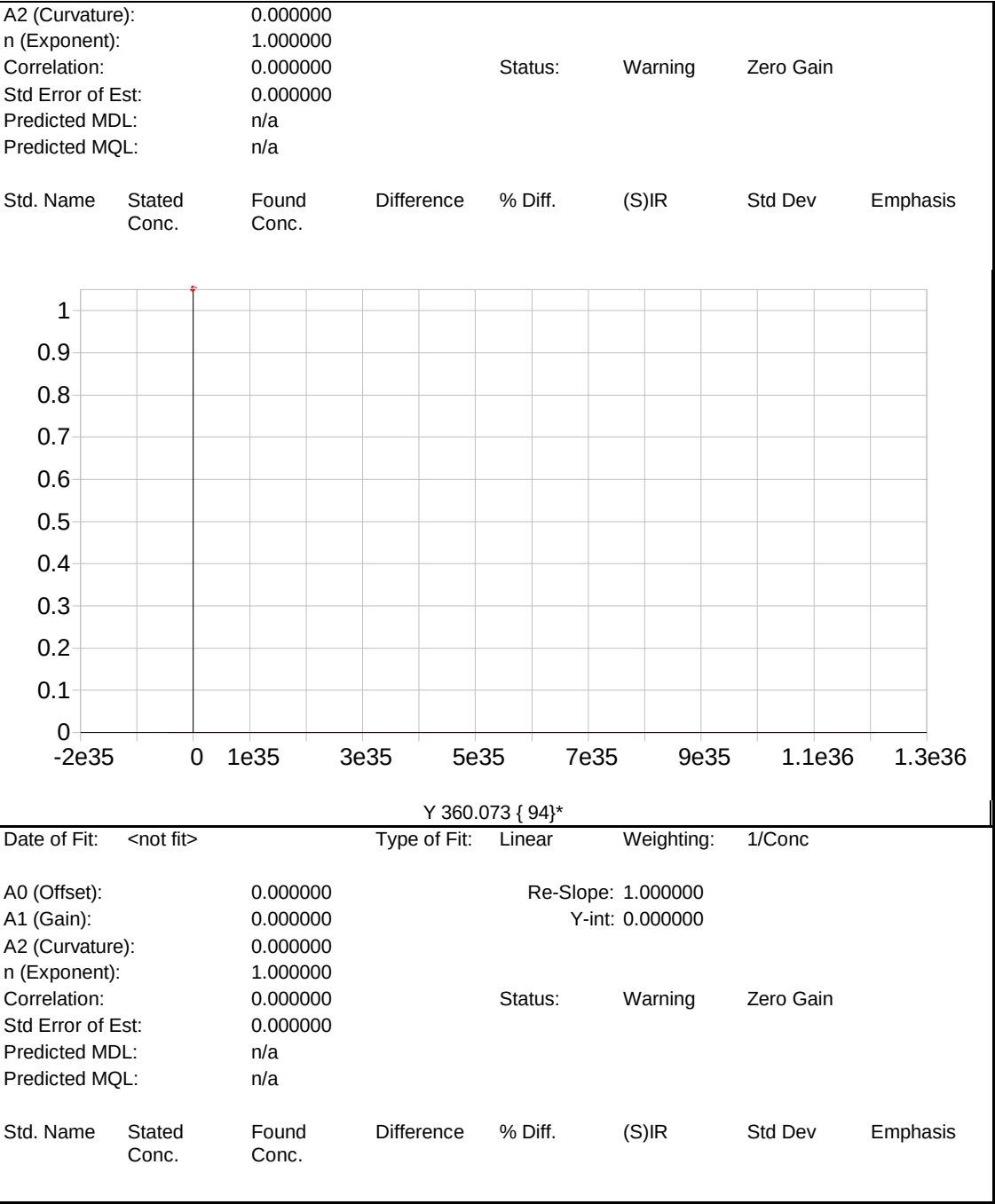
A0 (Offset): 0.008343 Re-Slope: 1.000000
 A1 (Gain): 1.770711 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999805 Status: OK.
 Std Error of Est: 0.001304
 Predicted MDL: 0.000815
 Predicted MQL: 0.002718

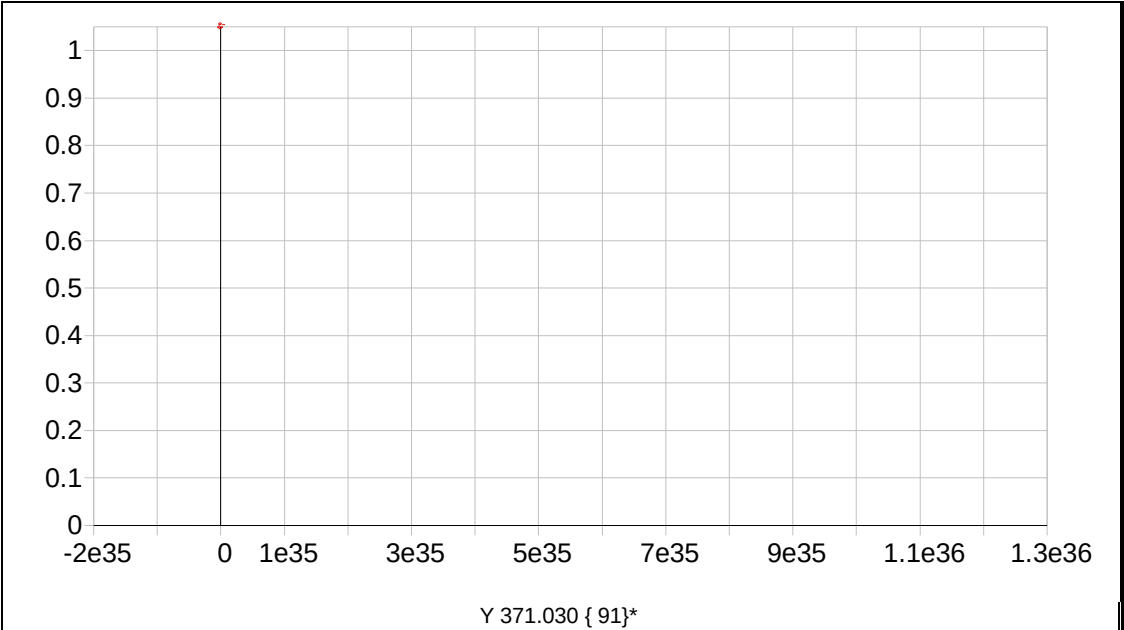
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00835	.001	1
S5	10.000	10.159	.159	1.59	17.897	.025	1
S4	5.0000	4.9670	-.033	-.659	8.7538	.030	1
S3	2.5000	2.4337	-.066	-2.65	4.2928	.011	1
S2	1.2500	1.1921	-.058	-4.63	2.1068	.010	1
S1	.05000	.04830	-.002	-3.40	.09369	.000	1



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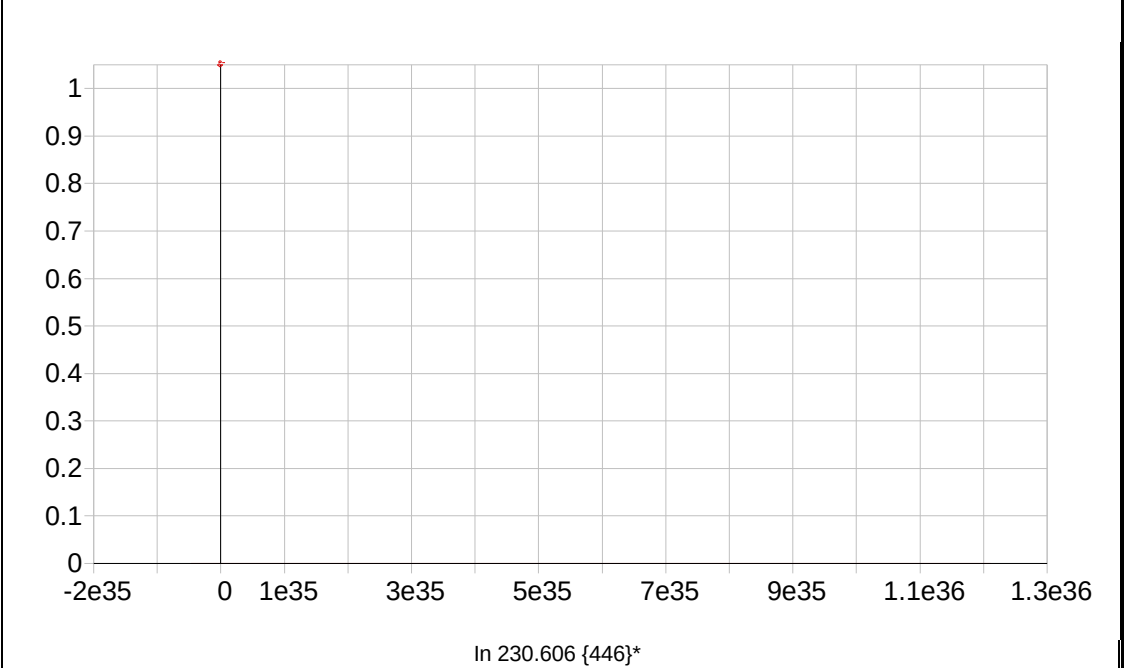




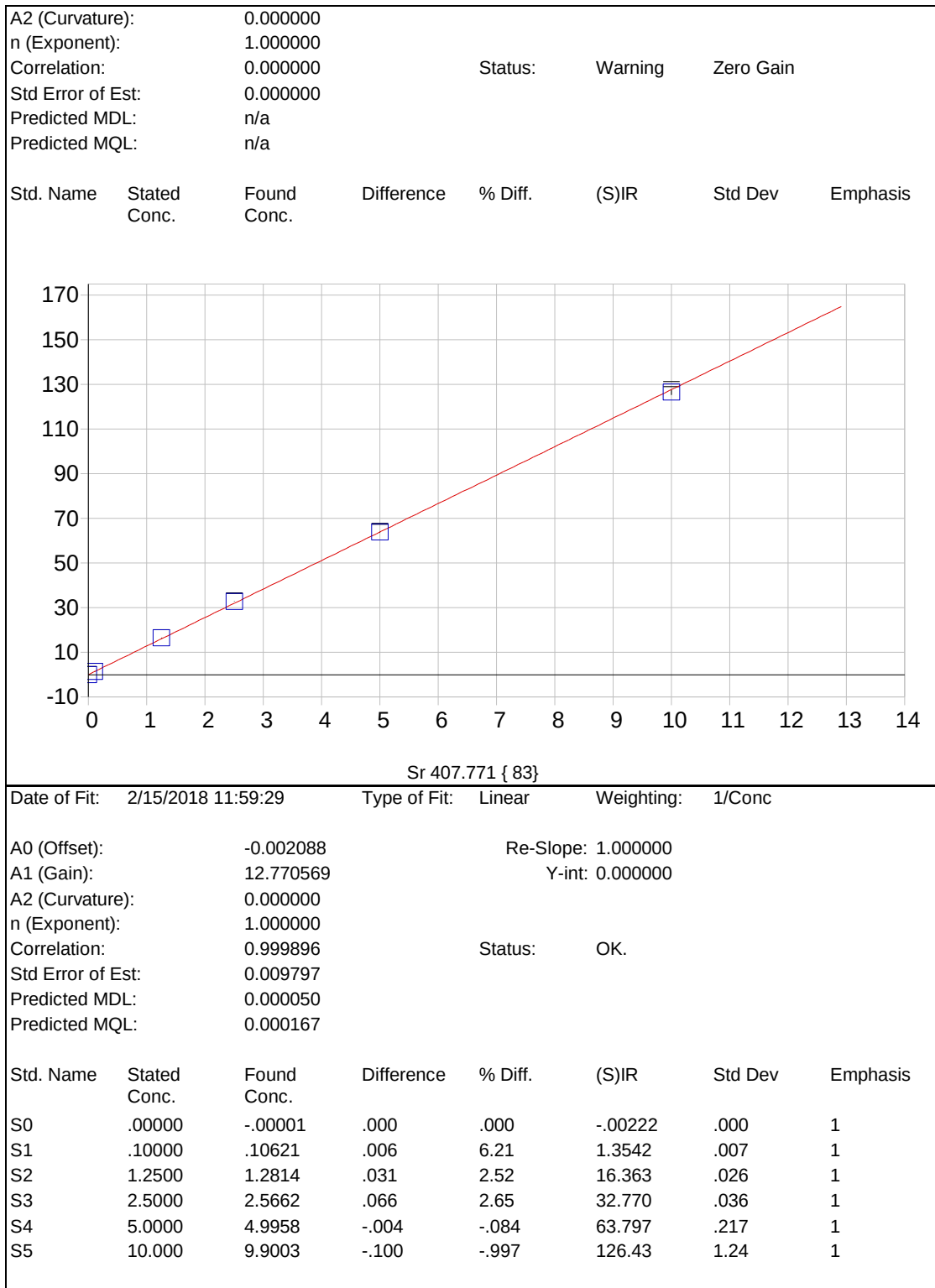


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 2/15/2018 10:07:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 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	-.00006	-.00010	-.00037	.00026	.00028	.00025	-.02655	-.00243
Stddev	.00004	.00017	.00001	.00013	.00016	.00040	.00269	.00025
%RSD	60.234	168.64	1.6187	49.855	58.006	161.97	10.138	10.396

#1	-.00009	.00009	-.00038	.00014	.00016	-.00004	-.02956	-.00243
#2	-.00002	-.00024	-.00036	.00023	.00047	.00007	-.02573	-.00218
#3	-.00007	-.00015	-.00037	.00039	.00022	.00071	-.02437	-.00268

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00035	.00139	-.00002	-.00017	.00044	.00008	-.00007	-.00014
Stddev	.00019	.00050	.00002	.00016	.00032	.00008	.00023	.00006
%RSD	54.358	36.155	125.01	97.482	71.418	106.19	318.55	46.696

#1	-.00013	.00101	.00001	-.00008	.00046	-.00001	.00018	-.00018
#2	-.00047	.00195	-.00002	-.00007	.00075	.00008	-.00028	-.00017
#3	-.00044	.00119	-.00004	-.00035	.00012	.00016	-.00012	-.00006

Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00087	-.00029	-.00824	-.00012	-.00092	.05757	-.00059	.00079
Stddev	.00011	.00007	.00040	.00021	.00058	.00105	.00003	.00023
%RSD	13.095	25.030	4.9070	173.33	62.889	1.8192	4.5200	29.607

#1	-.00093	-.00027	-.00809	.00006	-.00091	.05691	-.00056	.00085
#2	-.00074	-.00022	-.00870	-.00008	-.00151	.05704	-.00061	.00053
#3	-.00095	-.00036	-.00793	-.00036	-.00035	.05878	-.00058	.00098

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00023	.00140	.00281	.00013	.00040	.00835	-.00222	
Stddev	.00015	.00009	.00010	.00003	.00026	.00120	.00033	
%RSD	64.844	6.6231	3.4839	25.691	64.074	14.376	14.735	

#1	.00008	.00132	.00291	.00017	.00065	.00700	-.00247	
#2	.00038	.00138	.00272	.00010	.00042	.00877	-.00185	
#3	.00024	.00150	.00279	.00014	.00014	.00929	-.00234	

Sample Name: S0 Acquired: 2/15/2018 10:07:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1150.0	2537.2	36235.	6220.9	3783.3
Stddev	4.5	4.4	146.	25.6	19.5
%RSD	.38878	.17242	.40377	.41144	.51654
#1	1149.9	2532.5	36182.	6198.5	3760.8
#2	1145.6	2538.0	36123.	6215.3	3793.0
#3	1154.6	2541.2	36401.	6248.8	3796.1

Sample Name: S1 Acquired: 2/15/2018 10:11:43 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S01 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	.00028	.00151	.00189	.00256	.01061	.01537	1.0005	.01964
Stddev	.00004	.00010	.00009	.00003	.00010	.00059	.0006	.00008
%RSD	15.842	6.3646	4.7621	1.3299	.97706	3.8436	.05778	.40702

#1	.00023	.00160	.00200	.00255	.01072	.01594	1.0008	.01959
#2	.00028	.00141	.00184	.00260	.01056	.01476	.99982	.01973
#3	.00032	.00152	.00185	.00254	.01053	.01542	1.0009	.01959

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01017	.28860	.00155	.03929	.00585	.00291	.00704	.04415
Stddev	.00021	.00179	.00005	.00015	.00061	.00015	.00015	.00045
%RSD	2.0887	.61968	3.1746	.37956	10.455	5.1933	2.1354	1.0245

#1	.01029	.28686	.00158	.03919	.00631	.00277	.00710	.04367
#2	.00992	.28850	.00150	.03946	.00609	.00307	.00687	.04457
#3	.01029	.29043	.00158	.03922	.00516	.00290	.00715	.04423

Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02133	.00412	.03511	.00412	.00882	.20068	-.00011	.00618
Stddev	.00025	.00007	.00027	.00015	.00032	.00160	.00007	.00033
%RSD	1.1649	1.8139	.78260	3.6873	3.5720	.79545	63.002	5.2679

#1	.02162	.00413	.03480	.00401	.00857	.19894	-.00013	.00640
#2	.02120	.00420	.03532	.00429	.00917	.20206	-.00016	.00632
#3	.02118	.00405	.03520	.00405	.00871	.20105	-.00003	.00580

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00675	.00363	.04838	.00071	.04129	.09369	1.3542	
Stddev	.00015	.00006	.00052	.00008	.00073	.00049	.0074	
%RSD	2.1861	1.5757	1.0811	10.907	1.7657	.52403	.54884	

#1	.00658	.00366	.04778	.00078	.04051	.09330	1.3458	
#2	.00682	.00367	.04874	.00073	.04140	.09425	1.3599	
#3	.00684	.00357	.04862	.00063	.04196	.09354	1.3569	

Sample Name: S1 Acquired: 2/15/2018 10:11:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1152.8	2512.4	35993.	6222.7	3625.6
Stddev	10.8	8.5	169.	8.9	5.0
%RSD	.93427	.34022	.47000	.14302	.13672
#1	1163.6	2509.8	36164.	6217.7	3622.2
#2	1152.7	2505.5	35826.	6232.9	3623.3
#3	1142.1	2522.0	35990.	6217.4	3631.3

Sample Name: S2 Acquired: 2/15/2018 10:15:52 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S02 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	.05316	.08201	1.1463	.07915	.20653	2.6929	12.166	.49108
Stddev	.00035	.00104	.0026	.00045	.00019	.0090	.011	.00366
%RSD	.66163	1.2670	.22425	.57328	.09027	.33361	.08930	.74603

#1	.05279	.08092	1.1433	.07873	.20667	2.6826	12.179	.49479
#2	.05348	.08299	1.1479	.07963	.20632	2.6993	12.161	.48747
#3	.05321	.08213	1.1476	.07907	.20662	2.6969	12.159	.49099

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3148	3.2779	.54913	.50438	.72327	.95109	1.6429	.53753
Stddev	.0026	.0090	.00220	.00119	.00227	.00470	.0042	.00197
%RSD	.20102	.27354	.40078	.23581	.31328	.49408	.25815	.36725

#1	1.3129	3.2819	.55157	.50303	.72071	.95543	1.6430	.53930
#2	1.3178	3.2677	.54729	.50527	.72502	.94610	1.6387	.53540
#3	1.3137	3.2843	.54852	.50484	.72407	.95174	1.6472	.53788

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.34315	.12185	.30332	.04822	.43142	1.1081	.04399	.56297
Stddev	.00109	.00019	.00171	.00028	.00143	.0028	.00057	.00413
%RSD	.31885	.15947	.56344	.57323	.33134	.25588	1.2913	.73421

#1	.34195	.12165	.30488	.04853	.43155	1.1052	.04340	.56481
#2	.34409	.12204	.30149	.04814	.43278	1.1082	.04453	.55824
#3	.34341	.12186	.30360	.04800	.42993	1.1109	.04404	.56587

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.75074	.03201	.57842	.09494	.50019	2.1068	16.363	
Stddev	.00112	.00030	.00534	.00067	.00135	.0096	.026	
%RSD	.14902	.94117	.92359	.70764	.27045	.45356	.16157	

#1	.75002	.03171	.58210	.09418	.49863	2.1158	16.377	
#2	.75203	.03231	.57229	.09517	.50103	2.1079	16.379	
#3	.75017	.03199	.58087	.09546	.50091	2.0968	16.332	

Sample Name: S2 Acquired: 2/15/2018 10:15:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1120.1	2428.1	34993.	6290.3	3135.0
Stddev	10.9	9.1	84.	28.3	5.5
%RSD	.97723	.37534	.23987	.44966	.17526
#1	1108.3	2417.6	34950.	6262.5	3129.5
#2	1122.1	2432.1	34939.	6319.1	3135.0
#3	1130.0	2434.5	35090.	6289.2	3140.5

Sample Name: S3 Acquired: 2/15/2018 10:19:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 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	.10752	.15655	2.3132	.15836	.41781	5.4833	24.586	.99141
Stddev	.00048	.00075	.0052	.00095	.00058	.0120	.068	.00484
%RSD	.44189	.47834	.22540	.59995	.13897	.21806	.27511	.48785

#1	.10753	.15644	2.3185	.15866	.41770	5.4695	24.532	.99463
#2	.10800	.15734	2.3081	.15913	.41844	5.4912	24.662	.98585
#3	.10705	.15586	2.3130	.15730	.41729	5.4892	24.563	.99376

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6935	6.5969	1.0982	1.0335	1.4448	1.8943	3.2633	1.1005
Stddev	.0055	.0304	.0074	.0017	.0039	.0072	.0094	.0032
%RSD	.20340	.46101	.67046	.16661	.26816	.37992	.28915	.29317

#1	2.6970	6.5869	1.0908	1.0355	1.4416	1.8950	3.2652	1.0992
#2	2.6872	6.5728	1.0982	1.0323	1.4491	1.8867	3.2530	1.0981
#3	2.6964	6.6311	1.1056	1.0327	1.4437	1.9011	3.2716	1.1042

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.69519	.25075	.62569	.09728	.88170	2.1908	.08850	1.1171
Stddev	.00214	.00048	.00219	.00097	.00884	.0049	.00103	.0022
%RSD	.30846	.19304	.34928	.99880	1.0028	.22463	1.1636	.19881

#1	.69690	.25037	.62324	.09800	.87563	2.1854	.08869	1.1180
#2	.69589	.25130	.62639	.09618	.89184	2.1950	.08943	1.1145
#3	.69279	.25059	.62743	.09767	.87763	2.1920	.08739	1.1186

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.4917	.06498	1.1279	.19227	.99851	4.2928	32.770	
Stddev	.0049	.00018	.0048	.00044	.00087	.0108	.036	
%RSD	.32728	.28236	.42931	.22767	.08751	.25075	.11025	

#1	1.4934	.06498	1.1318	.19206	.99879	4.2850	32.748	
#2	1.4954	.06517	1.1225	.19277	.99921	4.3051	32.812	
#3	1.4861	.06480	1.1294	.19197	.99753	4.2884	32.750	

Sample Name: S3 Acquired: 2/15/2018 10:19:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1062.3	2306.6	33416.	6125.2	2873.1
Stddev	5.3	6.4	58.	48.7	8.8
%RSD	.50039	.27590	.17470	.79534	.30638
#1	1065.5	2302.0	33391.	6088.2	2863.0
#2	1056.2	2303.9	33482.	6180.4	2877.4
#3	1065.3	2313.9	33373.	6107.1	2878.9

Sample Name: S4 Acquired: 2/15/2018 10:23:37 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S04 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	.21943	.30378	4.5932	.31935	.84474	11.127	48.665	1.9515
Stddev	.00054	.00054	.0101	.00083	.00188	.014	.408	.0081
%RSD	.24787	.17813	.21946	.25972	.22310	.12520	.83854	.41361

#1	.21985	.30416	4.5840	.32004	.84349	11.140	49.080	1.9486
#2	.21962	.30316	4.6040	.31959	.84690	11.112	48.265	1.9453
#3	.21881	.30402	4.5916	.31843	.84382	11.129	48.649	1.9606

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.4159	13.021	2.1094	2.0698	2.8685	3.7103	6.3566	2.2417
Stddev	.0169	.086	.0100	.0035	.0027	.0246	.0414	.0162
%RSD	.31186	.65687	.47254	.16982	.09593	.66380	.65102	.72458

#1	5.4043	12.927	2.1165	2.0670	2.8710	3.6865	6.3091	2.2264
#2	5.4353	13.041	2.0980	2.0737	2.8689	3.7088	6.3755	2.2401
#3	5.4081	13.094	2.1137	2.0686	2.8656	3.7357	6.3851	2.2588

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3782	.51529	1.2673	.19185	1.8076	4.3752	.18605	2.1386
Stddev	.0062	.00150	.0042	.00096	.0211	.0006	.00137	.0052
%RSD	.45005	.29077	.33060	.50291	1.1700	.01463	.73879	.24262

#1	1.3751	.51655	1.2625	.19083	1.7832	4.3759	.18713	2.1334
#2	1.3853	.51569	1.2694	.19197	1.8191	4.3747	.18451	2.1384
#3	1.3742	.51363	1.2700	.19275	1.8206	4.3749	.18653	2.1438

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.9422	.13523	2.1660	.38615	1.9663	8.7538	63.797	
Stddev	.0020	.00022	.0086	.00017	.0013	.0302	.217	
%RSD	.06909	.16449	.39772	.04473	.06372	.34556	.33952	

#1	2.9439	.13548	2.1603	.38614	1.9653	8.7885	63.795	
#2	2.9428	.13517	2.1619	.38598	1.9659	8.7335	64.015	
#3	2.9399	.13505	2.1759	.38632	1.9677	8.7392	63.581	

Sample Name: S4 Acquired: 2/15/2018 10:23:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1002.1	2190.4	32174.	6063.7	2641.9
Stddev	5.7	2.1	82.	15.5	5.7
%RSD	.57375	.09490	.25481	.25599	.21465
#1	1005.5	2188.3	32097.	6061.0	2644.8
#2	995.49	2190.6	32166.	6080.3	2635.3
#3	1005.4	2192.4	32260.	6049.6	2645.4

Sample Name: S5 Acquired: 2/15/2018 10:27:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 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	.45464	.57887	9.0100	.65390	1.7547	22.731	95.242	3.8499
Stddev	.00299	.00377	.0222	.00618	.0092	.036	.181	.0059
%RSD	.65744	.65051	.24586	.94565	.52709	.15832	.19032	.15289

#1	.45685	.58218	8.9884	.65943	1.7592	22.706	95.408	3.8525
#2	.45124	.57478	9.0090	.64723	1.7441	22.715	95.268	3.8432
#3	.45583	.57966	9.0327	.65505	1.7609	22.772	95.049	3.8541

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.622	25.630	4.0350	4.0796	5.7414	7.1256	12.201	4.4543
Stddev	.030	.050	.0237	.0045	.0166	.0425	.024	.0357
%RSD	.28362	.19669	.58809	.11064	.28990	.59632	.19834	.80073

#1	10.587	25.610	4.0413	4.0774	5.7580	7.0808	12.180	4.4149
#2	10.637	25.687	4.0088	4.0767	5.7247	7.1654	12.227	4.4844
#3	10.641	25.592	4.0550	4.0848	5.7415	7.1306	12.196	4.4636

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6826	1.0718	2.5389	.37244	3.8366	8.9101	.38195	4.0168
Stddev	.0066	.0019	.0037	.00147	.0223	.0350	.00432	.0078
%RSD	.24589	.18187	.14735	.39583	.58080	.39282	1.1309	.19366

#1	2.6788	1.0729	2.5363	.37095	3.8272	8.9506	.38629	4.0121
#2	2.6787	1.0695	2.5432	.37246	3.8620	8.8896	.37766	4.0125
#3	2.6902	1.0729	2.5373	.37390	3.8205	8.8903	.38189	4.0258

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	5.8586	.27746	4.1260	.75958	3.8964	17.897	126.43	
Stddev	.0474	.00168	.0088	.00262	.0044	.025	1.24	
%RSD	.80920	.60597	.21248	.34450	.11320	.13740	.97788	

#1	5.8869	.27911	4.1238	.76005	3.9014	17.926	127.04	
#2	5.8039	.27575	4.1185	.75676	3.8942	17.883	127.24	
#3	5.8850	.27753	4.1356	.76193	3.8935	17.883	125.01	

Sample Name: S5 Acquired: 2/15/2018 10:27:39 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	917.39	2005.8	30887.	5960.5	2398.2
Stddev	10.29	13.9	97.	20.5	3.4
%RSD	1.1219	.69329	.31458	.34463	.14024
#1	911.52	1994.7	30816.	5955.9	2396.9
#2	911.37	2021.4	30848.	5942.6	2402.1
#3	929.27	2001.1	30998.	5982.9	2395.8

Sample Name: S6 Acquired: 2/15/2018 10:31:44 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	58.986	40.493	18.260	6.8659	6.9078
Stddev	.524	.035	.011	.0132	.0081
%RSD	.88853	.08594	.05924	.19186	.11794

#1	59.376	40.526	18.271	6.8723	6.9172
#2	59.193	40.456	18.250	6.8508	6.9028
#3	58.390	40.497	18.259	6.8748	6.9033

Int. Std.	Y_3710
Units	Cts/S
Avg	5821.8
Stddev	28.6
%RSD	.49164

#1	5789.0
#2	5841.8
#3	5834.6

Sample Name: ICV Acquired: 2/15/2018 10:48:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9641092	F 1.149541	.9581804	1.014341	.9300423	2.331719
Stddev	.0103415	.008941	.0053432	.003636	.0076035	.005365
%RSD	1.072648	.7778280	.5576393	.3584480	.8175423	.2300937

#1	.9753148	1.159639	.9641287	1.017346	.9378608	2.326487
#2	.9549325	1.142630	.9566251	1.015378	.9226738	2.337208
#3	.9620804	1.146353	.9537874	1.010299	.9295923	2.331462

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5011402	.4743430	.4663422	10.33581	.5215651	.4754223
Stddev	.0010521	.0028340	.0006964	.05433	.0060611	.0002469
%RSD	.2099351	.5974518	.1493367	.5256367	1.162098	.0519281

#1	.5009856	.4758081	.4655521	10.27577	.5177656	.4751398
#2	.5022610	.4710764	.4666076	10.38158	.5183747	.4755969
#3	.5001739	.4761446	.4668669	10.35007	.5285550	.4755301

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5040615	5.545333	.5235331	5.735810	.4795096	.4610627
Stddev	.0020254	.009755	.0021364	.023897	.0017044	.0012164
%RSD	.4018087	.1759097	.4080785	.4166325	.3554358	.2638257

#1	.5022246	5.542625	.5216128	5.708338	.4812506	.4612475
#2	.5037262	5.537218	.5258344	5.747302	.4778444	.4597644
#3	.5062335	5.556155	.5231520	5.751790	.4794337	.4621761

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.753212	.5098719	1.090043	9.122372	F .0150692	F 2.718970
Stddev	.039651	.0011079	.008069	.063750	.0031400	.009642
%RSD	.4065461	.2172895	.7402306	.6988330	20.83744	.3546337

#1	9.797088	.5088127	1.084437	9.051132	.0137434	2.716435
#2	9.742604	.5097802	1.099291	9.141941	.0128095	2.710848
#3	9.719944	.5110228	1.086401	9.174045	.0186547	2.729626

Sample Name: ICV Acquired: 2/15/2018 10:48:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.667906	1.975420	2.444234	F 2.413944	2.655851	.0052468
Stddev	.014919	.009546	.017100	.006657	.000802	.0004869
%RSD	.5591901	.4832175	.6996198	.2757788	.0301855	9.279561

#1	2.685091	1.985950	2.445544	2.421105	2.654953	.0048233
#2	2.658278	1.967334	2.426517	2.407944	2.656107	.0051383
#3	2.660349	1.972976	2.460643	2.412783	2.656494	.0057788

Elem	Sr4077
Units	ppm
Avg	.0121789
Stddev	.0000972
%RSD	.7977395

#1	.0122857
#2	.0121555
#3	.0120956

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1147.721	2465.512	36438.02	6353.804	3502.438
Stddev	13.888	15.544	167.84	8.415	14.319
%RSD	1.210034	.6304679	.4606169	.1324426	.4088283

#1	1132.877	2447.736	36244.40	6344.833	3487.237
#2	1149.888	2472.248	36527.61	6355.054	3504.405
#3	1160.398	2476.552	36542.06	6361.524	3515.671

Sample Name: ICB Acquired: 2/15/2018 10:52:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003051	-.001061	.0012540	-.000939	-.000229	.0034040	-.000510
Stddev	.000684	.000486	.0007527	.001874	.000558	.0040640	.000245
%RSD	22.42984	45.83615	60.02209	199.4595	244.0344	119.3914	48.02428

#1	-.003815	-.000913	.0008509	.000908	.000098	.0071795	-.000723
#2	-.002493	-.001603	.0007887	-.002838	.000089	-.000897	-.000242
#3	-.002846	-.000665	.0021224	-.000888	-.000874	.003930	-.000565

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000208	-.000022	.0090355	-.000465	-.000075	.0011032	.0040242
Stddev	.0000622	.000030	.0085121	.000577	.000125	.0008441	.0127108
%RSD	298.5311	135.8191	94.20775	124.0405	167.2771	76.51400	315.8573

#1	.0000433	.000013	.0019208	-.000681	-.000220	.0009564	.0121417
#2	-.000049	-.000040	.0067198	-.000903	-.000004	.0020110	-.010624
#3	.000069	-.000039	.0184658	.000189	-.000001	.0003421	.010555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000137	-.008680	-.000023	.0001604	-.020300	-.000813	.0014771
Stddev	.000251	.009421	.000471	.0000423	.142900	.000436	.0043184
%RSD	182.4843	108.5360	2042.358	26.35199	703.9539	53.67635	292.3548

#1	.000116	-.019011	.000448	.0001182	.054202	-.000310	.0057248
#2	-.000385	-.000565	-.000495	.0002028	.069955	-.001088	-.002909
#3	-.000143	-.006463	-.000023	.0001603	-.185056	-.001041	.001615

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106666	-.000476	.0032723	-.000069	-.015481	-.001060	-.000262
Stddev	.0229794	.001531	.0006795	.000218	.001955	.000585	.000895
%RSD	215.4338	321.7347	20.76644	317.4449	12.62622	55.21897	341.3914

#1	.0101314	.001161	.0039422	-.000100	-.017357	-.001121	-.000035
#2	.0339090	-.001872	.0032911	.000163	-.013456	-.000447	.000497
#3	-.012041	-.000716	.0025835	-.000269	-.015628	-.001613	-.001249

Sample Name: ICB Acquired: 2/15/2018 10:52:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000026	.0009765	-.000096
Stddev	.000375	.0003953	.000036
%RSD	1436.211	40.48483	37.20277

#1	-.000156	.0014271	-.000137
#2	.000396	.0008143	-.000070
#3	-.000319	.0006880	-.000082

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1175.127	2525.754	37337.38	6382.062	3813.560
Stddev	3.743	8.079	210.47	66.460	10.566
%RSD	.3185408	.3198658	.5636898	1.041355	.2770647

#1	1173.640	2516.979	37094.38	6346.516	3801.836
#2	1172.356	2527.400	37455.66	6340.935	3816.497
#3	1179.385	2532.884	37462.09	6458.736	3822.347

Sample Name: ICSA Acquired: 2/15/2018 10:56:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002518	-.004898	.0013000	-.001446	.0057702	248.8138
Stddev	.004603	.002418	.0018303	.000595	.0012203	.6711
%RSD	182.7921	49.36677	140.7912	41.12400	21.14816	.2697221

#1	.002417	-.007611	.0005033	-.001292	.0071210	248.1551
#2	-.006695	-.004111	.0000031	-.000943	.0054423	249.4966
#3	-.003277	-.002971	.0033936	-.002102	.0047474	248.7896

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059314	.0012528	-.000306	257.1721	.0533559	.0000021
Stddev	.0002754	.0000430	.000163	2.1774	.0002304	.0002301
%RSD	4.642907	3.433848	53.42596	.8466605	.4318976	10730.34

#1	.0056233	.0012714	-.000277	254.6586	.0530987	.0001811
#2	.0061535	.0012834	-.000482	258.3768	.0535435	.0000828
#3	.0060173	.0012036	-.000159	258.4810	.0534254	-.000257

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032010	106.5999	.0186282	260.6852	.0011350	.0006959
Stddev	.0008057	.7277	.0003418	1.5142	.0001562	.0001436
%RSD	25.17050	.6826473	1.835053	.5808520	13.76295	20.63990

#1	.0027185	105.7635	.0190218	258.9575	.0011671	.0008281
#2	.0027534	106.9483	.0184577	261.3168	.0012727	.0007166
#3	.0041312	107.0879	.0184053	261.7814	.0009652	.0005430

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2060928	-.000701	.0093353	-.075003	.0054259	F .0276912
Stddev	.0865175	.001161	.0046868	.049589	.0034762	.0032636
%RSD	41.97986	165.5446	50.20518	66.11608	64.06657	11.78551

#1	.2325193	.000561	.0069812	-.129591	.0022249	.0250448
#2	.2763151	-.000941	.0062922	-.032738	.0091237	.0266910
#3	.1094439	-.001724	.0147325	-.062679	.0049289	.0313378

Sample Name: ICSA Acquired: 2/15/2018 10:56:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015787	.0141916	.0148937	-.000855	.0006552	.0038408
Stddev	.0004935	.0009243	.0077777	.003501	.0008398	.0005848
%RSD	31.26081	6.512765	52.22147	409.5639	128.1868	15.22683

#1	.0011819	.0136265	.0236667	.002930	-.000275	.0043974
#2	.0014229	.0152583	.0088432	-.001516	.001357	.0038936
#3	.0021314	.0136902	.0121713	-.003979	.000884	.0032313

Elem	Sr4077
Units	ppm
Avg	.1069321
Stddev	.0003447
%RSD	.3223185

#1	.1066404
#2	.1068434
#3	.1073124

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1069.104	2283.554	33210.38	6167.892	2812.693
Stddev	3.626	10.362	109.45	23.845	5.697
%RSD	.3391884	.4537704	.3295661	.3865982	.2025431

#1	1068.301	2273.996	33176.57	6175.272	2806.628
#2	1065.946	2282.100	33121.83	6141.230	2817.931
#3	1073.064	2294.566	33332.75	6187.175	2813.521

Sample Name: ICSAB Acquired: 2/15/2018 11:18:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0965334	.0873069	.0472632	.0413652	.5425969	227.7904
Stddev	.0031811	.0012150	.0011987	.0060948	.0014182	.7133
%RSD	3.295363	1.391638	2.536250	14.73424	.2613774	.3131326

#1	.0968669	.0868517	.0480909	.0434508	.5432309	226.9985
#2	.0995346	.0863852	.0478100	.0345014	.5435875	227.9905
#3	.0931987	.0886837	.0458885	.0461435	.5409723	228.3824

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4802634	.4629415	.9450388	235.2903	.5407691	.4704413
Stddev	.0016445	.0014884	.0007695	.9249	.0030063	.0002137
%RSD	.3424207	.3215124	.0814234	.3930905	.5559263	.0454262

#1	.4817145	.4626812	.9442070	234.3891	.5442083	.4702981
#2	.4805986	.4645429	.9457252	236.2372	.5394578	.4706870
#3	.4784771	.4616004	.9451841	235.2444	.5386413	.4703390

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4755635	97.94986	.4991379	239.1406	.9341610	.1820833
Stddev	.0049808	.53812	.0016844	1.1862	.0038076	.0012007
%RSD	1.047349	.5493822	.3374595	.4960212	.4075956	.6594195

#1	.4780448	97.32876	.4972030	237.7919	.9320510	.1829332
#2	.4788163	98.24441	.5002762	239.6080	.9385565	.1807098
#3	.4698294	98.27639	.4999346	240.0219	.9318757	.1826070

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2488022	.4727409	1.099134	-.168803	.0097347	F .9886385
Stddev	.0307287	.0015435	.009062	.037879	.0029237	.0041888
%RSD	12.35065	.3265001	.8244504	22.43994	30.03400	.4236947

#1	.2743897	.4711210	1.089010	-.201385	.0114389	.9845085
#2	.2147197	.4741946	1.106486	-.177783	.0114066	.9928837
#3	.2572972	.4729071	1.101907	-.127240	.0063587	.9885233

Sample Name: ICSAB Acquired: 2/15/2018 11:18:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .9781449	.0134435	.8829268	F .9698976	.9847257	.0044496
Stddev	.0018531	.0037940	.0053350	.0052750	.0036785	.0004928
%RSD	.1894481	28.22207	.6042436	.5438763	.3735595	11.07505

#1	.9771326	.0163153	.8841175	.9638860	.9822306	.0038821
#2	.9770186	.0091424	.8875658	.9720539	.9889503	.0046969
#3	.9802837	.0148728	.8770970	.9737529	.9829963	.0047698

Elem	Sr4077
Units	ppm
Avg	.0996239
Stddev	.0002408
%RSD	.2416871

#1	.0994010
#2	.0995914
#3	.0998792

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1082.232	2291.948	33718.49	6233.110	2846.813
Stddev	11.820	6.580	153.14	28.685	9.109
%RSD	1.092200	.2870843	.4541792	.4602071	.3199662

#1	1069.765	2284.544	33542.26	6221.201	2839.929
#2	1083.654	2294.172	33793.95	6212.298	2843.368
#3	1093.276	2297.127	33819.27	6265.832	2857.142

Sample Name: CCV010 Acquired: 2/15/2018 11:22:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.901760	4.785722	23.77775	4.997826	4.831396	402.8566	9.622888
Stddev	.026696	.027544	.06091	.009201	.012730	.1606	.051586
%RSD	.5446236	.5755554	.2561497	.1841095	.2634826	.0398605	.5360788

#1	4.900008	4.754224	23.71501	5.007790	4.840977	402.9458	9.589996
#2	4.875982	4.797651	23.78161	4.996040	4.816952	402.6712	9.596325
#3	4.929288	4.805292	23.83664	4.989649	4.836261	402.9529	9.682342

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4831732	2.460970	390.1118	14.44139	2.435452	14.69727	408.2781
Stddev	.0052253	.007015	.9052	.08273	.007653	.02663	1.8545
%RSD	1.081451	.2850305	.2320349	.5728803	.3142474	.1811583	.4542177

#1	.4857697	2.452996	389.4177	14.53684	2.426645	14.71595	408.0960
#2	.4865917	2.466189	391.1356	14.39689	2.439220	14.66678	410.2170
#3	.4771583	2.463724	389.7820	14.39042	2.440491	14.70908	406.5214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.38884	407.0081	2.363333	1.242403	404.5198	2.405842	14.78659
Stddev	.03885	1.4385	.008950	.002746	.8953	.005847	.15610
%RSD	.2699708	.3534338	.3787189	.2210481	.2213200	.2430183	1.055682

#1	14.36590	406.5343	2.354066	1.245504	403.8823	2.399888	14.79250
#2	14.43369	408.6238	2.364004	1.241423	405.5433	2.411575	14.62763
#3	14.36693	405.8663	2.371929	1.240280	404.1338	2.406063	14.93966

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.0698	4.996400	4.775536	4.864606	5.143718	4.652140	4.869116
Stddev	.1545	.022229	.049283	.004122	.027001	.052910	.019087
%RSD	.1029342	.4449024	1.031989	.0847414	.5249346	1.137318	.3919926

#1	149.9084	4.970906	4.790151	4.860660	5.112562	4.671665	4.849051
#2	150.2162	5.006567	4.815858	4.864273	5.160322	4.692512	4.871255
#3	150.0848	5.011727	4.720598	4.868885	5.158269	4.592242	4.887043

Sample Name: CCV010 Acquired: 2/15/2018 11:22:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.909455	5.125986	5.020049
Stddev	.002209	.006275	.050354
%RSD	.0450016	.1224172	1.003059

#1	4.907201	5.118743	4.968161
#2	4.909547	5.129421	5.068714
#3	4.911617	5.129793	5.023273

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	967.5765	2063.401	31458.95	5974.482	2449.398
Stddev	6.2950	1.844	162.90	44.074	2.848
%RSD	.6505934	.0893491	.5178302	.7376969	.1162776

#1	961.5200	2061.423	31285.74	5947.785	2451.274
#2	974.0856	2065.071	31609.09	5950.308	2450.800
#3	967.1239	2063.709	31482.01	6025.353	2446.121

Sample Name: CCB010 Acquired: 2/15/2018 11:26:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001871	-.000218	.0010102	-.000774	.0005826	.0070425	-.000295
Stddev	.001166	.001105	.0009171	.000411	.0010090	.0096794	.000154
%RSD	62.32360	506.5692	90.78330	53.04663	173.2027	137.4410	52.12377

#1	-.002466	-.000283	.0020470	-.000303	.0005571	.0135006	-.000405
#2	-.002619	.000918	.0006783	-.001057	-.000414	-.004086	-.000119
#3	-.000527	-.001290	.0003053	-.000964	.001604	.011714	-.000362

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000463	.0000083	.0113167	-.000520	-.000168	.0015208	.0012233
Stddev	.0000179	.0000562	.0014979	.000525	.000253	.0003686	.0017833
%RSD	38.59179	677.4855	13.23639	100.9199	150.8513	24.23678	145.7787

#1	.0000321	-.000049	.0096053	-.000597	-.000058	.0017435	.0024182
#2	.0000405	.000063	.0119553	-.001001	-.000457	.0017234	-.000827
#3	.0000664	.000011	.0123895	.000039	.000012	.0010953	.002078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000247	-.006628	.0002723	.0002013	-.081218	.0003098	.0080722
Stddev	.000419	.004377	.0001592	.0002231	.090577	.0002687	.0057009
%RSD	169.6377	66.03790	58.46959	110.8031	111.5228	86.71463	70.62372

#1	-.000695	-.008358	.0001155	.0003230	-.117121	-.000000	.0074515
#2	.000135	-.009875	.0004338	.0003372	.021806	.000456	.0140580
#3	-.000181	-.001650	.0002675	-.000056	-.148340	.000474	.0027071

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0609481	-.002373	.0059976	.0000507	-.015700	-.001209	.0000165
Stddev	.0568111	.000842	.0003743	.0000548	.000603	.000490	.0004994
%RSD	93.21222	35.49712	6.240485	107.9323	3.838422	40.55333	3029.707

#1	-.002556	-.001664	.0055800	.0001007	-.016396	-.000937	.0003462
#2	.078453	-.002151	.0063028	.0000593	-.015372	-.000915	-.000558
#3	.106946	-.003304	.0061100	-.000008	-.015333	-.001774	.000261

Sample Name: CCB010 Acquired: 2/15/2018 11:26:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000676	.0020438	-.000048
Stddev	.000628	.0002798	.000038
%RSD	92.90157	13.69217	78.89675

#1	-.001038	.0017217	-.000004
#2	-.001038	.0021825	-.000072
#3	.000049	.0022272	-.000067

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1191.847	2538.089	37831.95	6414.206	3841.384
Stddev	5.667	5.073	103.74	31.227	2.163
%RSD	.4754437	.1998582	.2742164	.4868484	.0562953

#1	1185.305	2534.402	37712.99	6424.976	3842.122
#2	1195.207	2535.991	37903.59	6379.019	3843.081
#3	1195.030	2543.874	37879.27	6438.623	3838.949

Sample Name: J1336-15 Acquired: 2/15/2018 11:30:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3S8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0570573	-.027655	1.147671	-.003406	.0069914	153.0480	1.290765
Stddev	.0030673	.002118	.001660	.003587	.0026459	.3849	.000513
%RSD	5.375751	7.657346	.1446346	105.3093	37.84514	.2514852	.0397633

#1	.0591826	-.028463	1.146694	-.000768	.0099723	152.6627	1.291279
#2	.0584482	-.025252	1.146731	-.007490	.0060813	153.4325	1.290765
#3	.0535410	-.029249	1.149587	-.001959	.0049207	153.0488	1.290253

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119435	.0058823	27.08008	2.367833	.1583221	.3667949	334.8494
Stddev	.0000985	.0001461	.07559	.006541	.0002967	.0022459	1.7330
%RSD	.8247876	2.483030	.2791339	.2762451	.1874283	.6123110	.5175388

#1	.0120043	.0058607	27.14540	2.370521	.1581353	.3674191	336.8418
#2	.0118298	.0057482	27.09756	2.360377	.1581669	.3643029	333.6916
#3	.0119963	.0060380	26.99728	2.372602	.1586643	.3686626	334.0149

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.293757	42.79843	.2866779	.0041037	2.305029	.4369735	1.793084
Stddev	.025633	.18419	.0004618	.0001333	.025091	.0048094	.025757
%RSD	.4072741	.4303766	.1610805	3.248179	1.088532	1.100613	1.436466

#1	6.313250	42.93363	.2861607	.0042351	2.307361	.4425258	1.769189
#2	6.264722	42.58864	.2868240	.0039686	2.328873	.4341049	1.820368
#3	6.303299	42.87302	.2870490	.0041074	2.278853	.4342897	1.789696

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.46066	8.237969	.1276919	.0054097	3.762661	28.27897	.1002345
Stddev	.06370	.067184	.0047686	.0002808	.005658	.22286	.0023343
%RSD	.3870056	.8155355	3.734447	5.189993	.1503726	.7880593	2.328808

#1	16.40168	8.242561	.1255420	.0051963	3.762886	28.48257	.0981600
#2	16.52822	8.302739	.1243768	.0053052	3.768203	28.31345	.1027621
#3	16.45209	8.168607	.1331570	.0057278	3.756893	28.04088	.0997814

Sample Name: J1336-15 Acquired: 2/15/2018 11:30:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3S8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.276765	.2060517	.1974586
Stddev	.019560	.0017781	.0005559
%RSD	.4573589	.8629303	.2815492

#1	4.259565	.2056348	.1974401
#2	4.298042	.2080011	.1980236
#3	4.272688	.2045190	.1969122

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1363.993	2904.074	43977.62	7977.368	3078.071
Stddev	10.410	11.498	157.19	27.773	4.710
%RSD	.7631707	.3959258	.3574372	.3481482	.1530238

#1	1375.048	2903.288	44138.50	7953.412	3079.106
#2	1354.379	2915.945	43969.96	8007.810	3082.178
#3	1362.552	2892.989	43824.40	7970.881	3072.929

Sample Name: J1336-16 Acquired: 2/15/2018 11:34:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3S8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0572247	-.027936	1.145075	-.001906	.0052605	152.2494	1.282917
Stddev	.0031089	.003765	.001935	.002186	.0009199	.5868	.007989
%RSD	5.432755	13.47594	.1689822	114.7170	17.48706	.3854496	.6227313

#1	.0568427	-.025639	1.147302	-.001014	.0058120	151.7142	1.275464
#2	.0605069	-.032281	1.144114	-.000306	.0057710	152.8769	1.281934
#3	.0543244	-.025888	1.143809	-.004397	.0041986	152.1571	1.291352

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117853	.0064609	26.91227	2.340729	.1578141	.3663128	334.2649
Stddev	.0000752	.0000738	.14846	.009515	.0007814	.0019683	1.0517
%RSD	.6378929	1.141443	.5516606	.4064931	.4951359	.5373212	.3146351

#1	.0117097	.0064714	26.86558	2.343555	.1575221	.3656966	333.1822
#2	.0118600	.0063825	27.07847	2.348511	.1572207	.3647264	335.2826
#3	.0117861	.0065289	26.79277	2.330121	.1586994	.3685155	334.3299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.251838	42.64182	.2854685	.0043578	2.266244	.4328176	1.785804
Stddev	.044854	.14336	.0012032	.0001782	.076886	.0016222	.005707
%RSD	.7174565	.3362045	.4215009	4.088249	3.392657	.3748046	.3195550

#1	6.200054	42.52932	.2868567	.0041793	2.179092	.4323460	1.782102
#2	6.278549	42.59291	.2848233	.0045356	2.295167	.4346233	1.782935
#3	6.276912	42.80324	.2847254	.0043587	2.324475	.4314834	1.792376

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.25674	8.282496	.1319589	.0052991	3.789698	28.05926	.1021693
Stddev	.01462	.071433	.0029577	.0001918	.028510	.08448	.0002758
%RSD	.0899284	.8624584	2.241406	3.620074	.7523122	.3010596	.2699157

#1	16.24093	8.295569	.1285639	.0050777	3.813794	28.15679	.1018509
#2	16.25952	8.205429	.1339778	.0054069	3.758224	28.01174	.1023331
#3	16.26977	8.346490	.1333352	.0054129	3.797077	28.00924	.1023238

Sample Name: J1336-16 Acquired: 2/15/2018 11:34:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3S8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.251296	.2061005	.1972537
Stddev	.018704	.0007174	.0002078
%RSD	.4399490	.3480656	.1053534

#1	4.239448	.2060579	.1973983
#2	4.272858	.2068381	.1973472
#3	4.241582	.2054053	.1970156

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1351.902	2877.502	43955.02	8024.516	3065.059
Stddev	11.261	7.527	253.79	12.759	5.512
%RSD	.8329420	.2615749	.5773855	.1590045	.1798488

#1	1338.907	2873.053	43662.54	8010.216	3059.305
#2	1358.776	2873.261	44085.53	8028.595	3065.579
#3	1358.024	2886.193	44117.00	8034.737	3070.292

Sample Name: J1336-17 Acquired: 2/15/2018 11:38:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3S8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1179805	.0675000	1.138571	.0708930	.1600013	150.9237	4.381940
Stddev	.0025940	.0019123	.004065	.0024567	.0021927	.3082	.015210
%RSD	2.198638	2.833053	.3570229	3.465402	1.370452	.2042217	.3470960

#1	.1169815	.0654142	1.140350	.0715366	.1625312	150.5868	4.369693
#2	.1160345	.0691707	1.133920	.0681785	.1586488	150.9929	4.377163
#3	.1209254	.0679150	1.141444	.0729638	.1588238	151.1914	4.398965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0832457	.0984248	25.94061	2.562839	1.075190	.7377731	324.2711
Stddev	.0003348	.0005549	.14741	.013497	.003049	.0039863	.8456
%RSD	.4022197	.5637886	.5682721	.5266334	.2836063	.5403216	.2607695

#1	.0830380	.0989618	25.78740	2.547337	1.076824	.7340595	323.3052
#2	.0836320	.0978535	26.08144	2.569193	1.071672	.7372744	324.8778
#3	.0830672	.0984591	25.95298	2.571985	1.077074	.7419853	324.6303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.787292	41.15589	1.178469	.0766633	2.253462	1.193649	2.630505
Stddev	.015706	.14645	.004968	.0009330	.027707	.005621	.036705
%RSD	.2313959	.3558375	.4215723	1.216953	1.229512	.4708728	1.395367

#1	6.771419	41.03946	1.179668	.0759004	2.238574	1.187452	2.638899
#2	6.802825	41.32031	1.173011	.0763860	2.285429	1.198417	2.590330
#3	6.787632	41.10789	1.182728	.0777035	2.236382	1.195079	2.662287

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.75677	8.003204	.1272728	.0054985	3.666783	26.87560	.0964334
Stddev	.01458	.084467	.0043766	.0002604	.030424	.09241	.0021323
%RSD	.0925333	1.055414	3.438764	4.735222	.8297095	.3438565	2.211116

#1	15.76213	7.974856	.1228795	.0057558	3.683044	26.96868	.0988365
#2	15.76790	7.936557	.1273064	.0055046	3.631684	26.87427	.0956961
#3	15.74026	8.098198	.1316325	.0052352	3.685620	26.78387	.0947677

Sample Name: J1336-17 Acquired: 2/15/2018 11:38:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3S8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.138488	.2013774	.1922437
Stddev	.010050	.0003835	.0005968
%RSD	.2428467	.1904167	.3104571

#1	4.132306	.2015183	.1915984
#2	4.133073	.2009434	.1923571
#3	4.150084	.2016705	.1927758

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1348.975	2883.163	44049.40	8096.485	3098.205
Stddev	13.646	10.188	268.96	23.391	5.135
%RSD	1.011596	.3533729	.6105957	.2888999	.1657429

#1	1335.329	2875.725	44015.74	8086.005	3092.287
#2	1362.621	2878.988	44333.61	8080.167	3100.843
#3	1348.974	2894.776	43798.85	8123.283	3101.485

Sample Name: J1336-15LX5 Acquired: 2/15/2018 11:42:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3S8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142201	-.003170	.2419644	-.001872	.0031317	35.14359	.3054504
Stddev	.0035064	.000860	.0006159	.003505	.0014429	.19807	.0012980
%RSD	24.65812	27.13992	.2545202	187.2691	46.07447	.5636114	.4249382

#1	.0122011	-.002572	.2426095	-.001698	.0014675	34.91513	.3066821
#2	.0182690	-.002781	.2413827	.001543	.0038953	35.24841	.3040950
#3	.0121903	-.004156	.2419010	-.005460	.0040324	35.26723	.3055740

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031004	.0007108	6.511114	.5752697	.0313171	.0869318	82.75025
Stddev	.0000782	.0000765	.067663	.0030386	.0002114	.0017085	.48767
%RSD	2.520806	10.76648	1.039195	.5282092	.6750513	1.965351	.5893309

#1	.0030108	.0006825	6.458064	.5775340	.0310833	.0870196	82.22619
#2	.0031541	.0006524	6.487965	.5764588	.0313733	.0851810	82.83382
#3	.0031364	.0007975	6.587314	.5718164	.0314947	.0885947	83.19073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.538406	10.23467	.0583115	.0012635	.5014420	.1040546	.3994820
Stddev	.010628	.11829	.0005484	.0004553	.1940911	.0016592	.0036448
%RSD	.6908426	1.155760	.9404033	36.03233	38.70659	1.594498	.9123769

#1	1.526235	10.09826	.0582491	.0009324	.7252862	.1056995	.3953971
#2	1.545851	10.30892	.0577970	.0010754	.3990938	.1040828	.4024018
#3	1.543132	10.29682	.0588884	.0017826	.3799458	.1023815	.4006472

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.755172	1.650786	.0319149	.0013375	.7368693	7.319116	.0206580
Stddev	.034434	.008420	.0005859	.0001588	.0114027	.006230	.0002775
%RSD	.9169626	.5100614	1.835787	11.86867	1.547457	.0851256	1.343190

#1	3.783371	1.653674	.0312431	.0012465	.7237205	7.312524	.0205899
#2	3.765349	1.641302	.0323199	.0012453	.7440389	7.324908	.0209632
#3	3.716798	1.657383	.0321816	.0015208	.7428484	7.319916	.0204210

Sample Name: J1336-15LX5 Acquired: 2/15/2018 11:42:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3S8A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.012598	.0462103	.0467616
Stddev	.005860	.0004775	.0002486
%RSD	.5787016	1.033265	.5315910

#1	1.006799	.0462339	.0464784
#2	1.012479	.0457215	.0468630
#3	1.018517	.0466755	.0469435

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1225.886	2627.004	39100.36	6807.772	3481.225
Stddev	3.317	3.580	102.03	26.408	3.705
%RSD	.2706026	.1362954	.2609434	.3879038	.1064406

#1	1226.975	2624.870	38982.56	6781.297	3477.409
#2	1228.522	2625.003	39157.55	6807.907	3481.457
#3	1222.161	2631.137	39160.96	6834.112	3484.809

Sample Name: CCV011 Acquired: 2/15/2018 11:46:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.885163	4.724059	23.52416	4.999352	4.787839	396.5389	9.524804
Stddev	.018598	.016469	.04032	.038419	.018281	.7524	.012914
%RSD	.3807027	.3486124	.1714075	.7684829	.3818151	.1897323	.1355851

#1	4.905025	4.737088	23.57060	5.041184	4.807599	395.7450	9.510269
#2	4.868160	4.705548	23.50375	4.965645	4.771529	397.2414	9.534956
#3	4.882304	4.729539	23.49812	4.991228	4.784390	396.6303	9.529187

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4773409	2.446484	381.7377	14.09549	2.413843	14.43723	402.3781
Stddev	.0028855	.003058	1.1569	.05753	.003898	.01932	1.6350
%RSD	.6044905	.1250018	.3030659	.4081161	.1614818	.1338187	.4063265

#1	.4794396	2.449568	380.5177	14.15620	2.418276	14.41570	400.5032
#2	.4740504	2.446433	381.8763	14.04179	2.410951	14.44291	403.1244
#3	.4785325	2.443452	382.8190	14.08848	2.412303	14.45306	403.5068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.02519	399.9659	2.332270	1.233240	400.6748	2.357956	14.60159
Stddev	.04922	1.8688	.001640	.005154	1.3543	.008555	.06852
%RSD	.3509328	.4672500	.0703229	.4179404	.3379966	.3627934	.4692443

#1	13.98210	398.0577	2.333149	1.234717	399.2266	2.350973	14.53268
#2	14.01464	400.0472	2.333284	1.227508	400.8879	2.355395	14.66971
#3	14.07883	401.7927	2.330378	1.237494	401.9098	2.367498	14.60237

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	147.7998	4.905216	4.733896	4.828409	5.080526	4.606414	4.822278
Stddev	.0941	.033329	.007035	.012744	.030788	.017197	.012377
%RSD	.0636741	.6794550	.1486158	.2639469	.6060079	.3733355	.2566645

#1	147.6921	4.932889	4.735035	4.838175	5.109996	4.620843	4.830235
#2	147.8406	4.868218	4.726361	4.813992	5.048570	4.587384	4.808018
#3	147.8665	4.914540	4.740292	4.833059	5.083012	4.611015	4.828581

Sample Name: CCV011 Acquired: 2/15/2018 11:46:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.841638	5.104440	4.978857
Stddev	.008760	.017464	.037173
%RSD	.1809323	.3421270	.7466247

#1	4.831565	5.090166	4.986764
#2	4.847477	5.123913	5.011441
#3	4.845871	5.099241	4.938366

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	955.2995	2066.051	31493.56	6006.889	2455.545
Stddev	4.2822	5.569	68.94	15.959	4.199
%RSD	.4482573	.2695451	.2189080	.2656814	.1710007

#1	958.4933	2060.414	31415.40	6011.737	2451.177
#2	950.4335	2071.549	31545.72	5989.068	2455.907
#3	956.9716	2066.189	31519.57	6019.862	2459.551

Sample Name: CCB011 Acquired: 2/15/2018 11:50:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003839	.0003406	.0021781	-.001661	-.000649	.0036869	-.000794
Stddev	.002019	.0027992	.0004905	.003505	.000817	.0061654	.000326
%RSD	52.60221	821.9534	22.51752	210.9779	125.9662	167.2252	41.10851

#1	-.006167	.0007050	.0027058	.001712	.000220	.0046773	-.001046
#2	-.002576	.0029397	.0017362	-.005285	-.000764	-.002914	-.000425
#3	-.002772	-.002623	.0020925	-.001411	-.001402	.009297	-.000911

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000512	.0000936	.0045665	-.000441	.0000277	.0016238	.0050180
Stddev	.0000285	.0001003	.0018776	.000313	.0001239	.0014813	.0096868
%RSD	55.62366	107.1124	41.11728	70.87514	447.3331	91.22276	193.0407

#1	.0000187	-.000021	.0064625	-.000466	-.000111	.0014423	.0078617
#2	.0000720	.000137	.0027078	-.000117	.000067	.0031875	.0129647
#3	.0000628	.000165	.0045291	-.000741	.000127	.0002417	-.005772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002687	-.008959	.0002498	.0004472	-.055996	.0008423	.0049182
Stddev	.0006092	.021928	.0003064	.0002375	.210631	.0018217	.0050417
%RSD	226.7393	244.7646	122.6692	53.10748	376.1558	216.2795	102.5115

#1	.0005921	-.018421	.0001665	.0006413	.116323	-.000813	.0022827
#2	.0006480	.016111	.0005893	.0005181	-.290799	.000546	.0017405
#3	-.000434	-.024566	-.000006	.0001823	.006489	.002794	.0107314

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1091336	.0001546	.0061612	.0002830	-.015454	-.001857	.0013815
Stddev	.0297673	.0012565	.0007497	.0000404	.002977	.001009	.0008740
%RSD	27.27600	812.7804	12.16767	14.27262	19.26226	54.37107	63.26651

#1	.0767389	.0009093	.0063842	.0002863	-.018202	-.001370	.0021991
#2	.1153795	.0008504	.0067741	.0002410	-.012292	-.003017	.0004602
#3	.1352823	-.001296	.0053254	.0003216	-.015870	-.001183	.0014852

Sample Name: CCB011 Acquired: 2/15/2018 11:50:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v425) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000271	.0018393	-.000062
Stddev	.000108	.0008251	.000023
%RSD	39.84519	44.85607	36.97661

#1	-.000391	.0014476	-.000078
#2	-.000180	.0012831	-.000036
#3	-.000243	.0027873	-.000072

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1173.484	2512.741	37694.90	6305.169	3809.039
Stddev	2.240	10.729	42.12	16.907	4.708
%RSD	.1909118	.4269908	.1117407	.2681394	.1235989

#1	1175.376	2504.363	37679.12	6288.676	3808.711
#2	1171.010	2509.026	37742.63	6304.371	3804.503
#3	1174.064	2524.834	37662.94	6322.461	3813.902