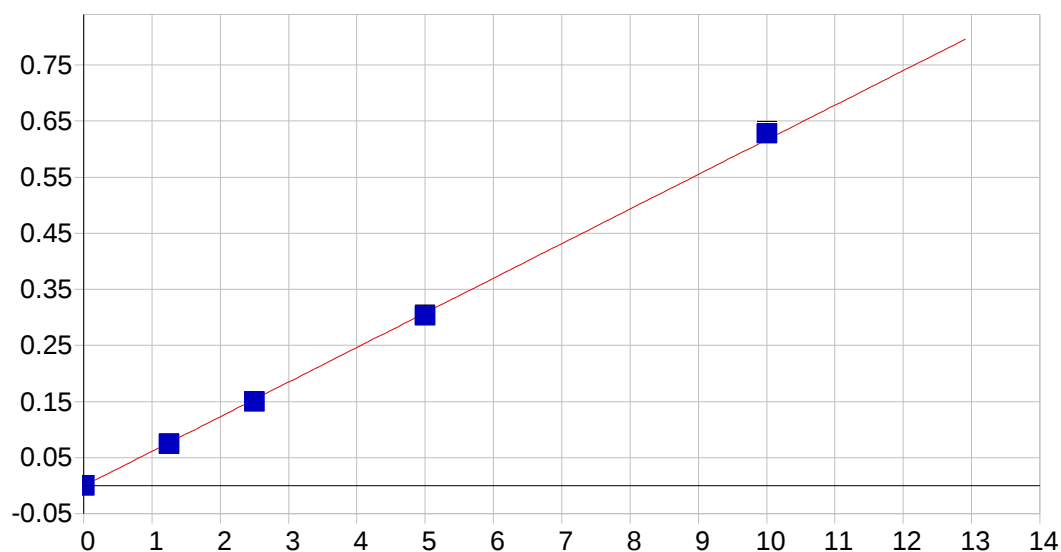


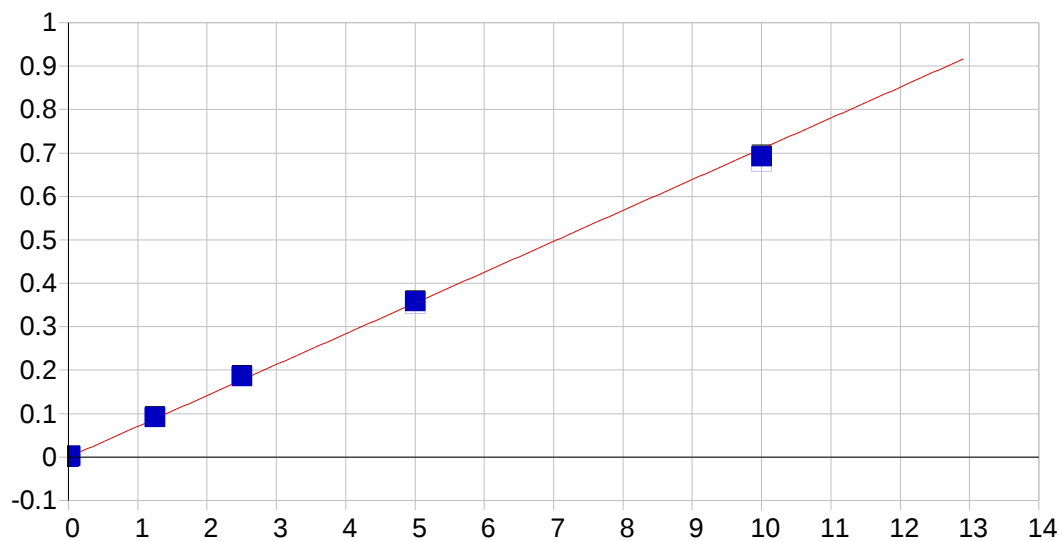


As 189.042 {479}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000505 Re-Slope: 1.000000
 A1 (Gain): 0.061702 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999754 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.003472
 Predicted MQL: 0.011574

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00050	.000	1
S1	.01000	.01296	.003	29.6	.00029	.000	1
S2	1.2500	1.2092	-.041	-3.27	.07408	.001	1
S3	2.5000	2.4250	-.075	-3.00	.14908	.000	1
S4	5.0000	4.9232	-.077	-1.54	.30317	.001	1
S5	10.000	10.190	.190	1.90	.62804	.004	1

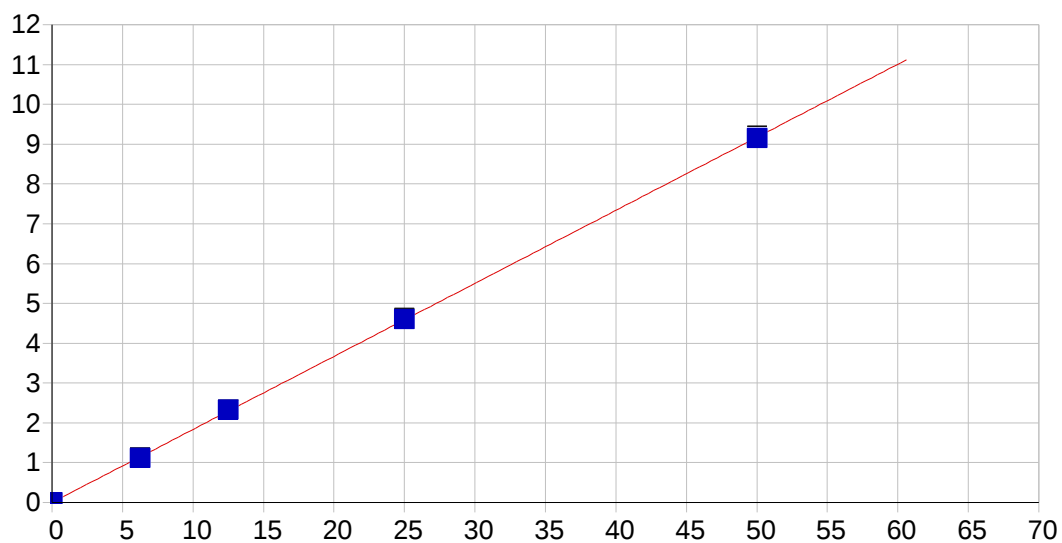


TI 190.856 {477}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000224 Re-Slope: 1.000000
 A1 (Gain): 0.070991 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999529 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.001887
 Predicted MQL: 0.006290

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00022	.000	1
S1	.02500	.02918	.004	16.7	.00170	.000	1
S2	1.2500	1.2978	.048	3.82	.09029	.001	1
S3	2.5000	2.6408	.141	5.63	.18402	.001	1
S4	5.0000	5.0533	.053	1.07	.35207	.001	1
S5	10.000	9.7542	-.246	-2.46	.67934	.003	1

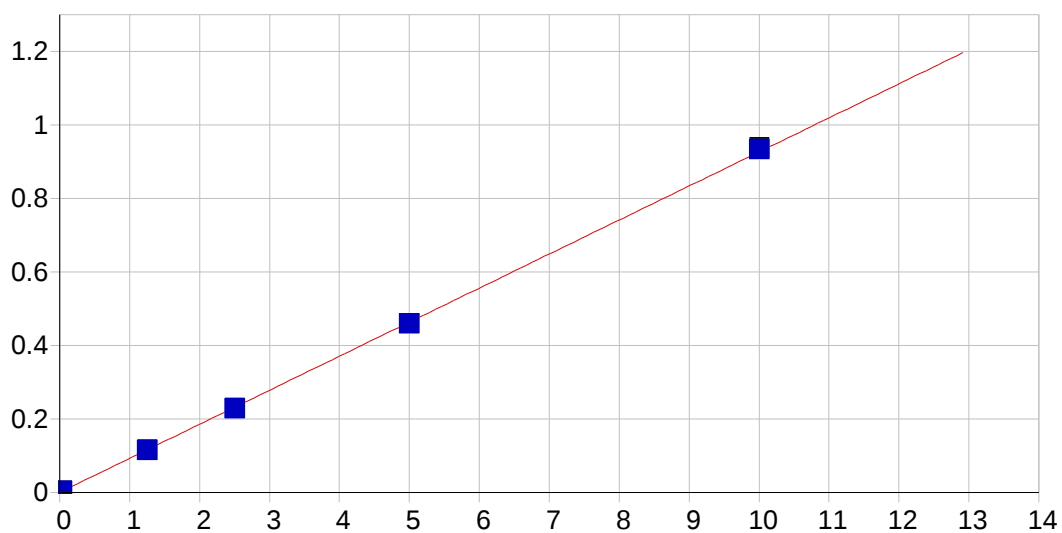


Pb 220.353 {453}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000167 Re-Slope: 1.000000
 A1 (Gain): 0.183463 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000061
 Predicted MDL: 0.001525
 Predicted MQL: 0.005085

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.01000	.01116	.001	11.6	.00221	.000	1
S2	6.2500	6.0877	-.162	-2.60	1.1174	.009	1
S3	12.500	12.675	.175	1.40	2.3262	.007	1
S4	25.000	25.098	.098	.391	4.6060	.022	1
S5	50.000	49.888	-.112	-.224	9.1555	.051	1



Date of Fit: 8/22/2017 15:41:41

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000295

Re-Slope: 1.000000

A1 (Gain): 0.092633

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999941

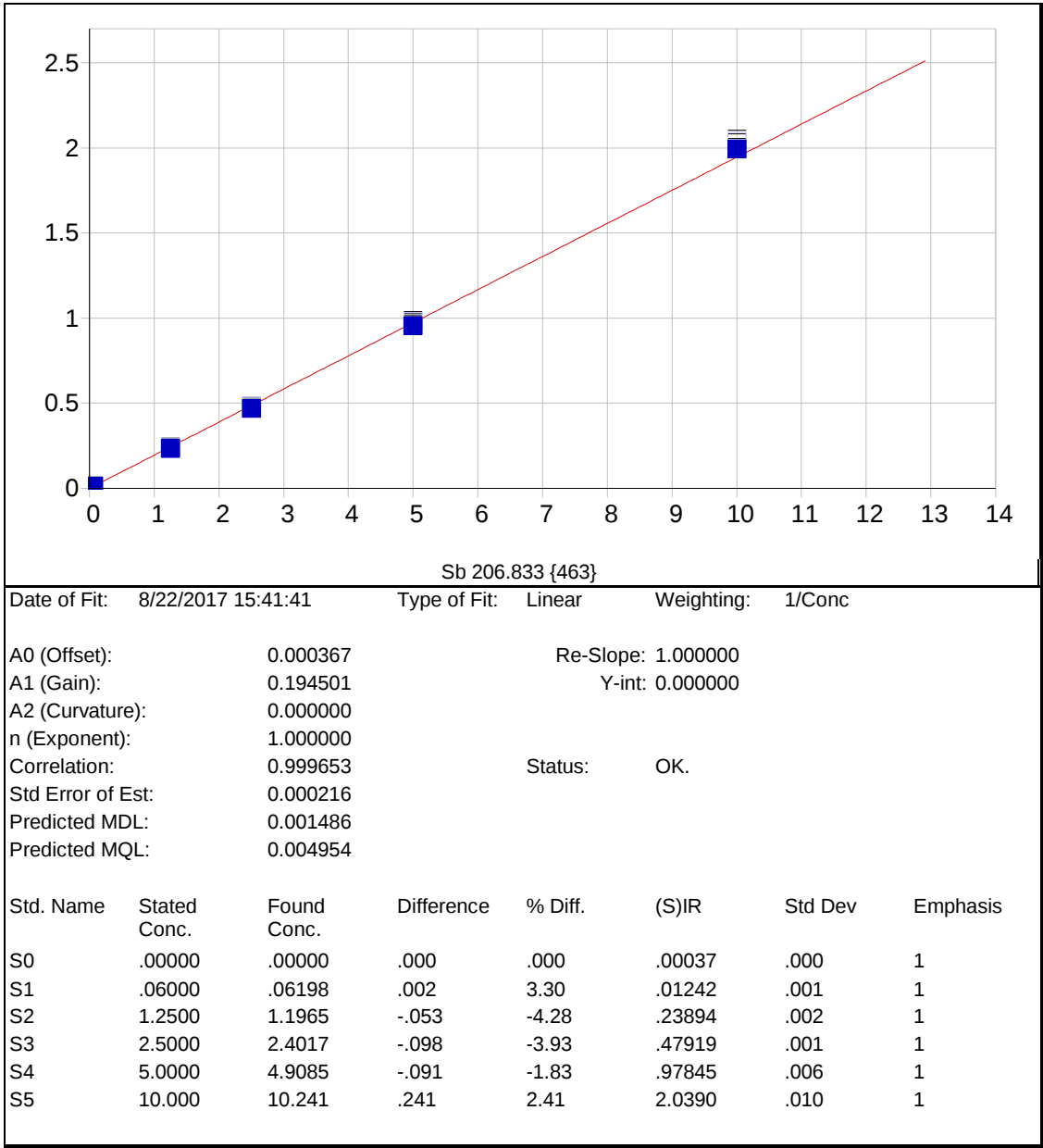
Status: OK.

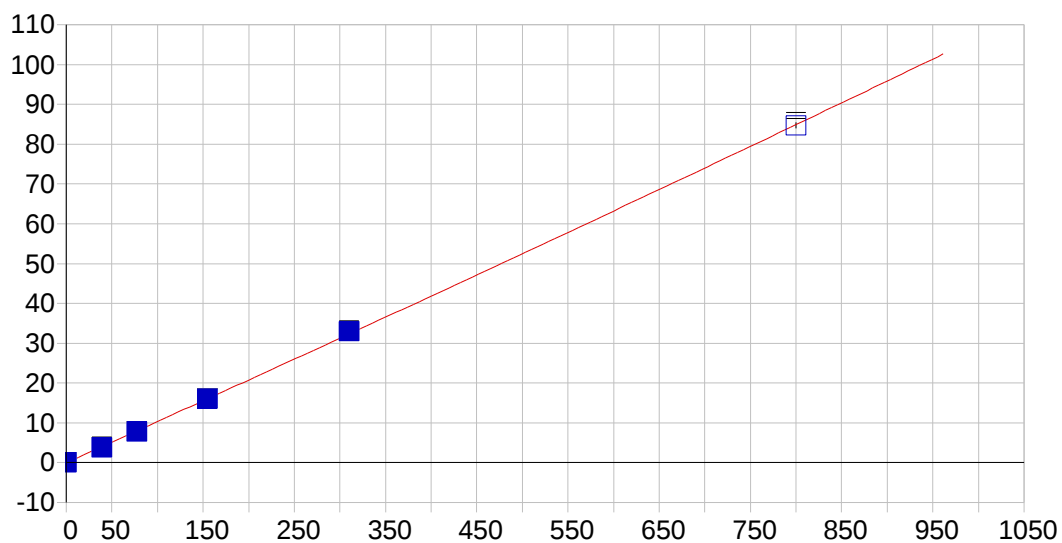
Std Error of Est: 0.000032

Predicted MDL: 0.002914

Predicted MQL: 0.009713

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00029	.000	1
S1	.03500	.03866	.004	10.5	.00387	.000	1
S2	1.2500	1.2367	-.013	-1.07	.11442	.001	1
S3	2.5000	2.4642	-.036	-1.43	.22770	.001	1
S4	5.0000	4.9563	-.044	-.874	.45770	.001	1
S5	10.000	10.089	.089	.892	.93146	.004	1



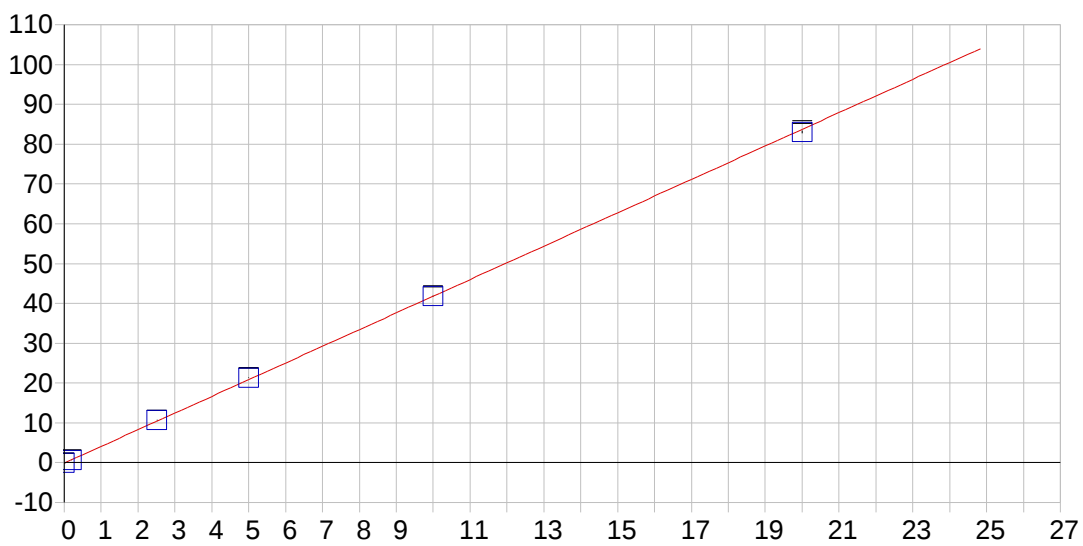


AI 396.152 { 85}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.000170	Re-Slope: 1.000000
A1 (Gain):	0.103036	Y-int: 0.000000
A2 (Curvature):	0.000004	
n (Exponent):	1.000000	
Correlation:	0.999899	Status: Warning Positive Curvature
Std Error of Est:	0.001039	
Predicted MDL:	0.004624	
Predicted MQL:	0.015412	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00017	.000	1
S1	.20000	.22108	.021	10.5	.02299	.001	1
S2	38.750	36.846	-1.90	-4.91	3.8066	.054	1
S3	77.500	75.400	-2.10	-2.71	7.8006	.015	1
S4	155.00	154.75	-.247	-.159	16.057	.033	1
S5	310.00	316.23	6.23	2.01	33.006	.059	1
S6	800.00	798.00	-2.00	-.250	84.675	.774	1

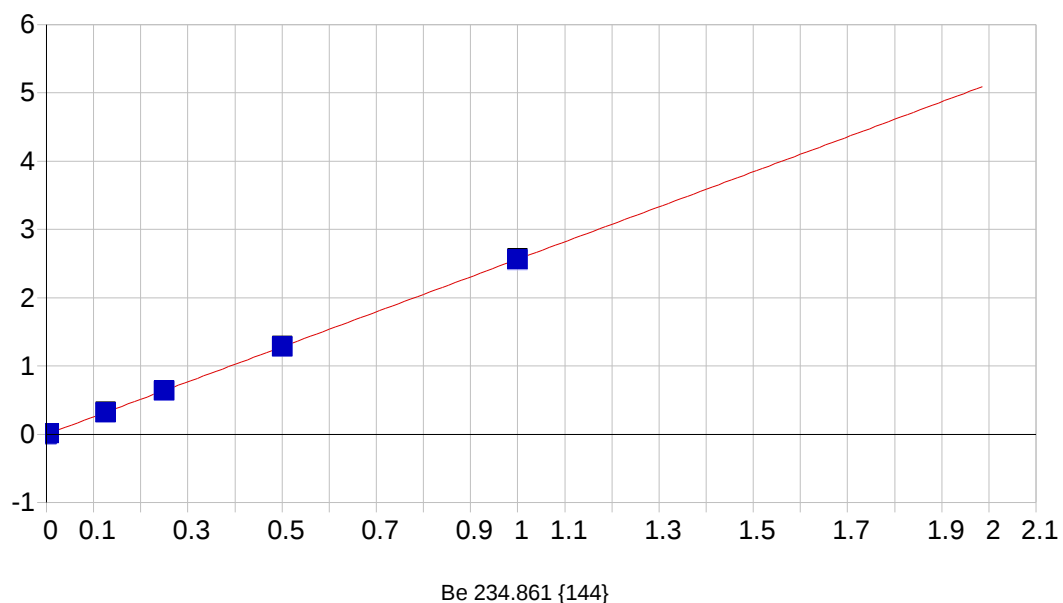


Ba 493.409 { 68}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.108139 Re-Slope: 1.000000
 A1 (Gain): 4.191211 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.005724
 Predicted MDL: 0.000442
 Predicted MQL: 0.001473

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.10812	.001	1
S1	.20000	.18705	-.013	-6.48	.67581	.013	1
S2	2.5000	2.5678	.068	2.71	10.654	.032	1
S3	5.0000	5.1069	.107	2.14	21.296	.053	1
S4	10.000	9.9968	-.003	-.032	41.791	.084	1
S5	20.000	19.841	-.159	-.793	83.051	.316	1



Date of Fit: 8/22/2017 15:41:41

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001745

Re-Slope: 1.000000

A1 (Gain): 2.564175

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999904

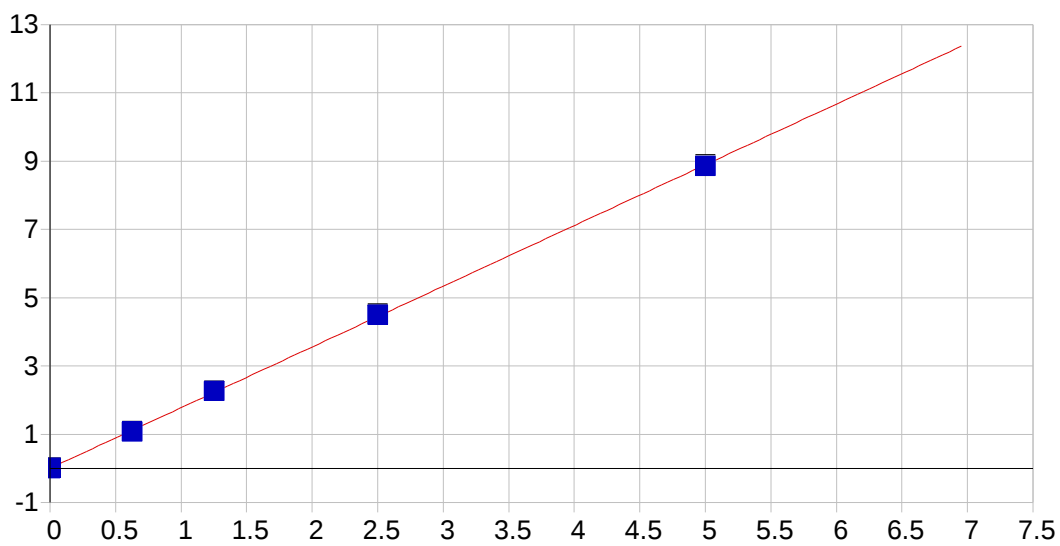
Status: OK.

Std Error of Est: 0.000133

Predicted MDL: 0.000094

Predicted MQL: 0.000313

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00175	.000	1
S1	.00500	.00630	.001	26.0	.01440	.000	1
S2	.12500	.12585	.001	.682	.31989	.007	1
S3	.25000	.24883	-.001	-.466	.63416	.006	1
S4	.50000	.50126	.001	.252	1.2793	.008	1
S5	1.0000	.99775	-.002	-.225	2.5480	.020	1

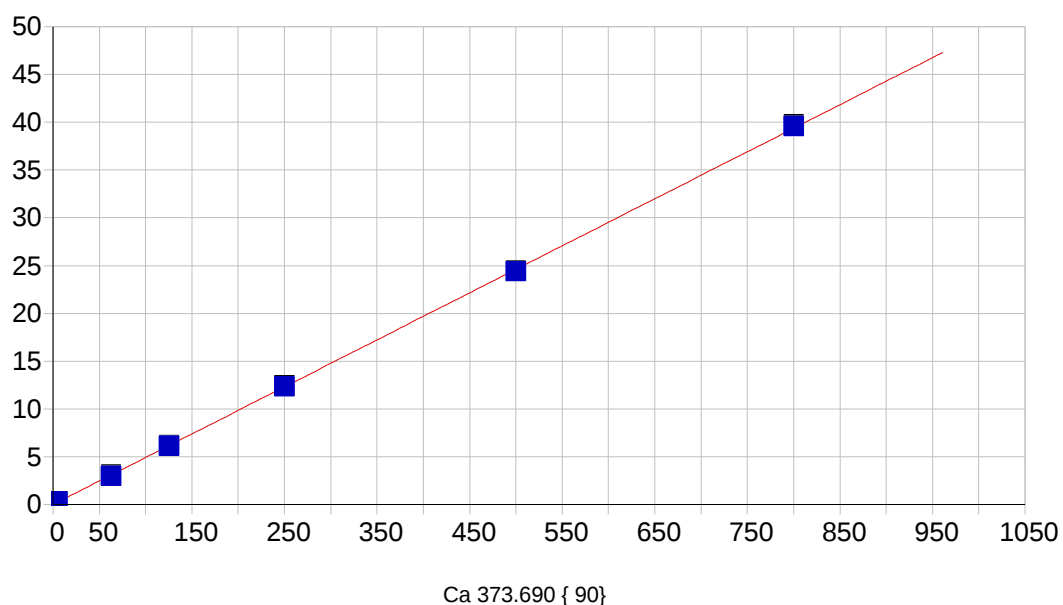


Cd 214.438 {457}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000555 Re-Slope: 1.000000
 A1 (Gain): 1.779071 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.000188
 Predicted MDL: 0.000113
 Predicted MQL: 0.000378

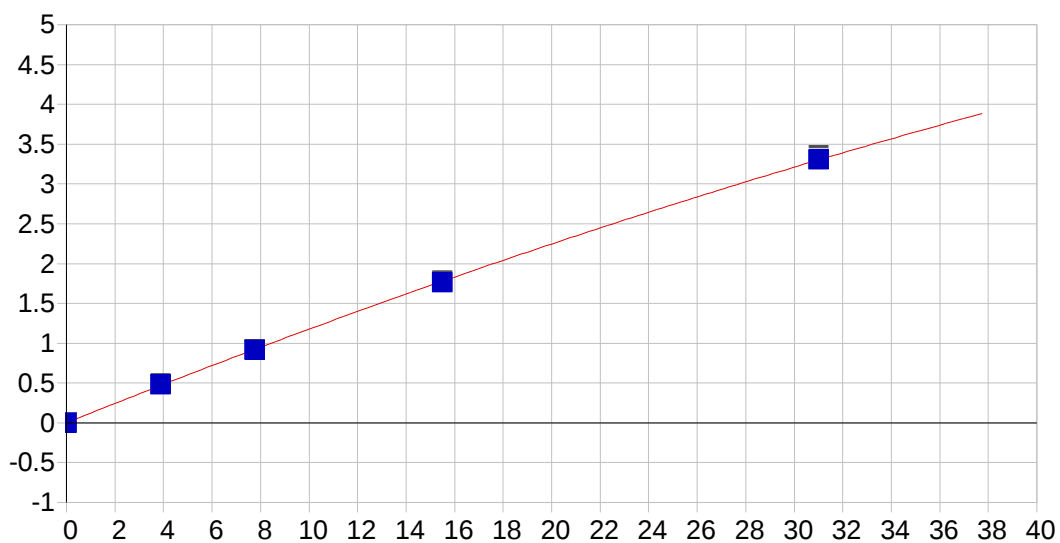
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00056	.000	1
S1	.00500	.00541	.000	8.25	.00908	.000	1
S2	.02500	.02622	-.022	-3.58	1.0742	.009	1
S3	.12500	.12691	.019	1.53	2.2625	.005	1
S4	.25000	.25254	.025	1.02	4.5028	.019	1
S5	.50000	.49774	-.023	-.451	8.8756	.030	1



Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001064 Re-Slope: 1.000000
 A1 (Gain): 0.049216 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.001577
 Predicted MDL: 0.009196
 Predicted MQL: 0.030652

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00026	.000	.000	.00105	.000	1
S1	5.0000	5.3931	.393	7.86	.26648	.002	1
S2	62.500	60.755	-1.75	-2.79	2.9874	.133	1
S3	125.00	124.85	-.151	-.121	6.1381	.033	1
S4	250.00	251.33	1.33	.533	12.356	.083	1
S5	500.00	495.78	-4.22	-.845	24.371	.026	1
S6	800.00	804.40	4.40	.550	39.510	.208	1

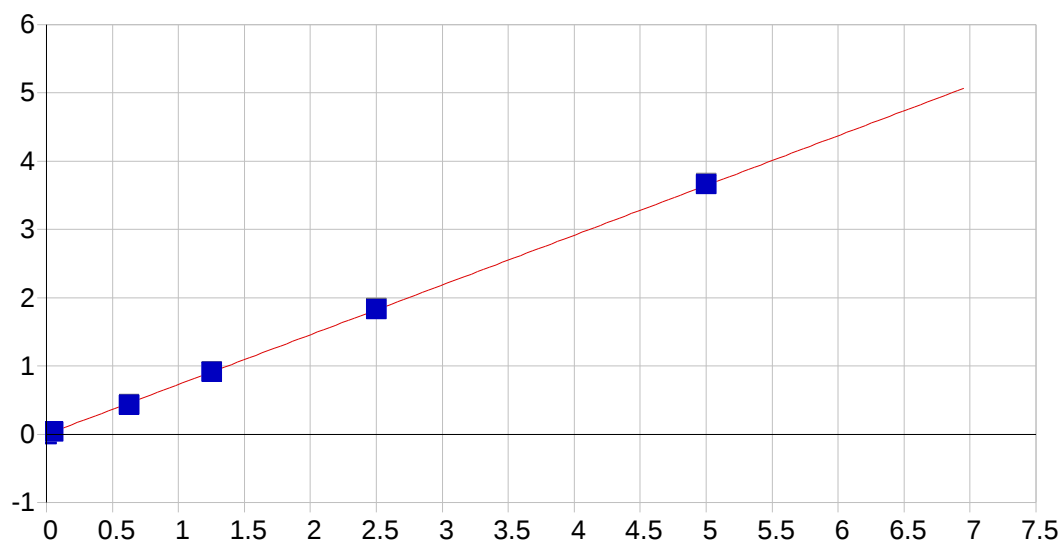


Cr 267.716 {126}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000011 Re-Slope: 1.000000
 A1 (Gain): 0.122946 Y-int: 0.000000
 A2 (Curvature): -0.000531
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.000534
 Predicted MQL: 0.001779

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.01000	.01272	.003	27.2	.00159	.000	1
S2	3.8750	3.9770	.102	2.63	.48180	.008	1
S3	7.7500	7.7016	-.048	-.625	.91787	.001	1
S4	15.500	15.373	-.127	-.820	1.7695	.011	1
S5	31.000	31.074	.074	.238	3.3177	.035	1

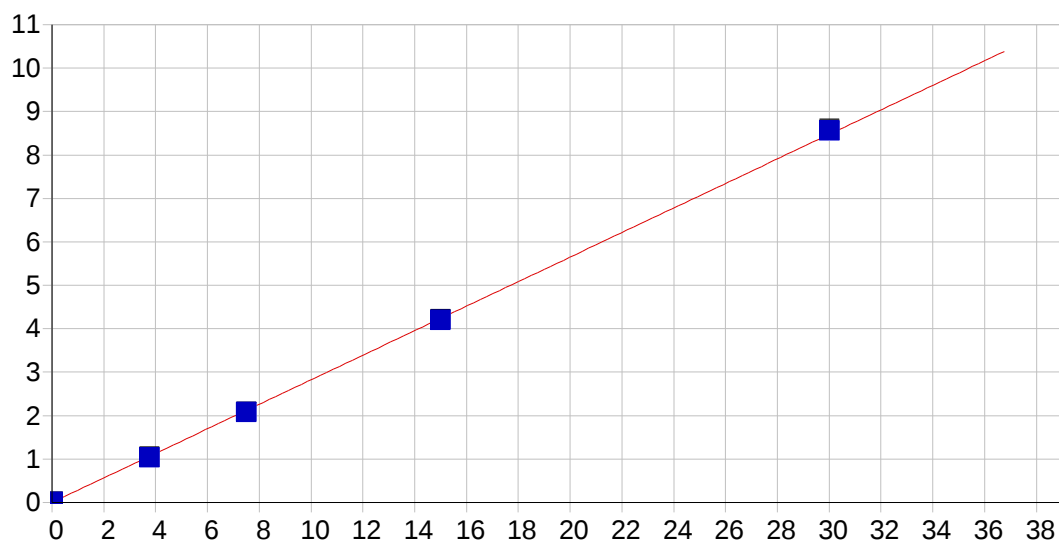


Co 228.616 {448}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000452 Re-Slope: 1.000000
 A1 (Gain): 0.729021 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.000250
 Predicted MDL: 0.000260
 Predicted MQL: 0.000865

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00045	.000	1
S1	.05000	.04930	-.001	-1.41	.03562	.001	1
S2	.62500	.59522	-.030	-4.76	.43443	.004	1
S3	1.2500	1.2492	-.001	-.068	.91211	.002	1
S4	2.5000	2.5128	.013	.512	1.8352	.010	1
S5	5.0000	5.0185	.019	.371	3.6658	.015	1

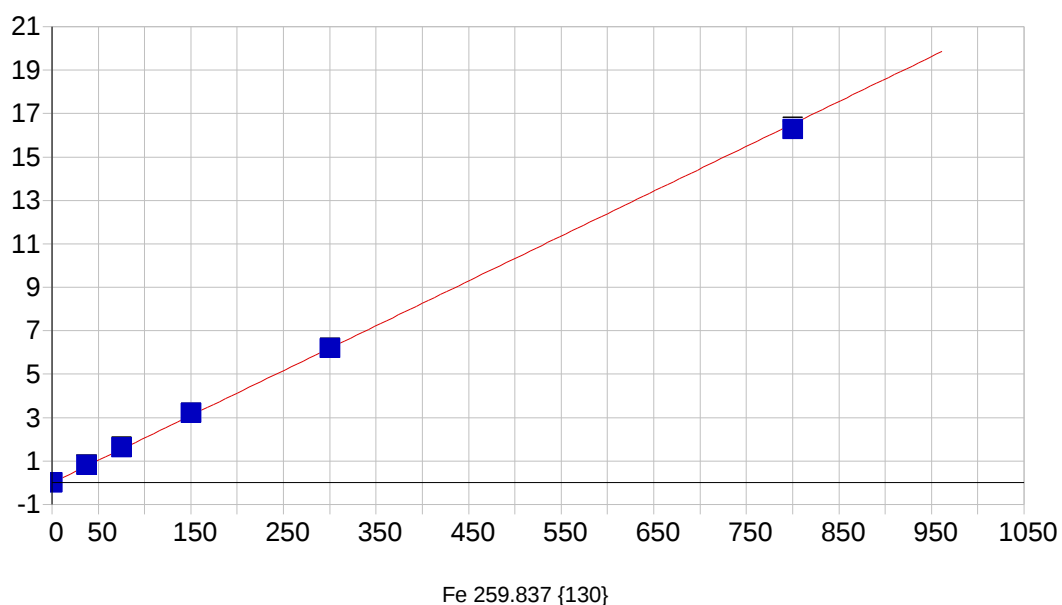


Cu 324.754 {104}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001602 Re-Slope: 1.000000
 A1 (Gain): 0.282451 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000165
 Predicted MDL: 0.001080
 Predicted MQL: 0.003599

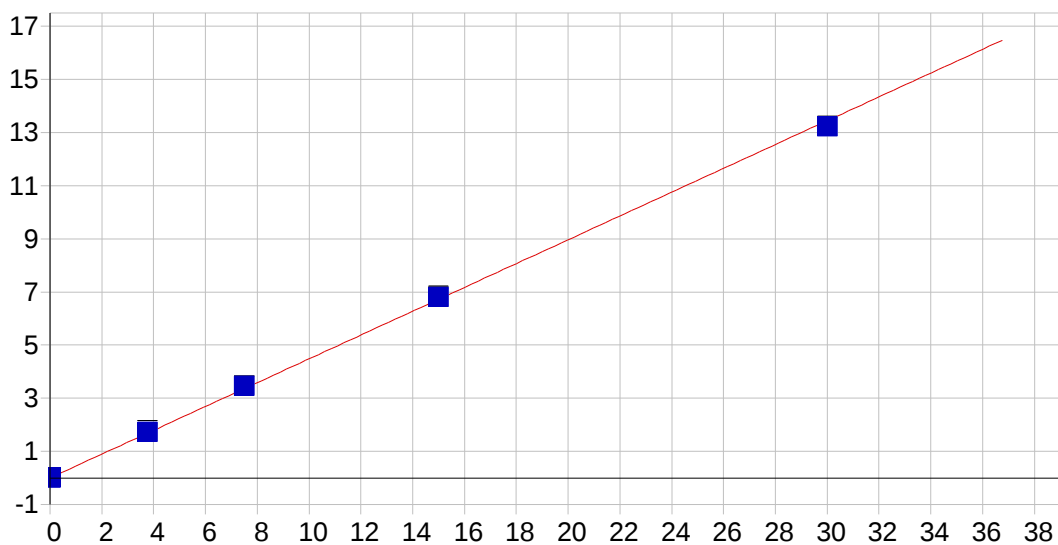
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00160	.000	1
S1	.02500	.02820	.003	12.8	.00952	.000	1
S2	3.7500	3.6806	-.069	-1.85	1.0382	.005	1
S3	7.5000	7.3512	-.149	-1.98	2.0719	.005	1
S4	15.000	14.886	-.114	-.757	4.1942	.007	1
S5	30.000	30.329	.329	1.10	8.5438	.030	1



Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000125 Re-Slope: 1.000000
 A1 (Gain): 0.020654 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999739 Status: OK.
 Std Error of Est: 0.000206
 Predicted MDL: 0.007240
 Predicted MQL: 0.024132

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00012	.000	1
S1	.10000	.12182	.022	21.8	.00265	.000	1
S2	37.500	39.563	2.06	5.50	.81817	.029	1
S3	75.000	79.268	4.27	5.69	1.6392	.008	1
S4	150.00	155.26	5.26	3.50	3.2104	.016	1
S5	300.00	299.97	-.026	-.009	6.2031	.006	1
S6	800.00	788.41	-11.6	-1.45	16.292	.084	1

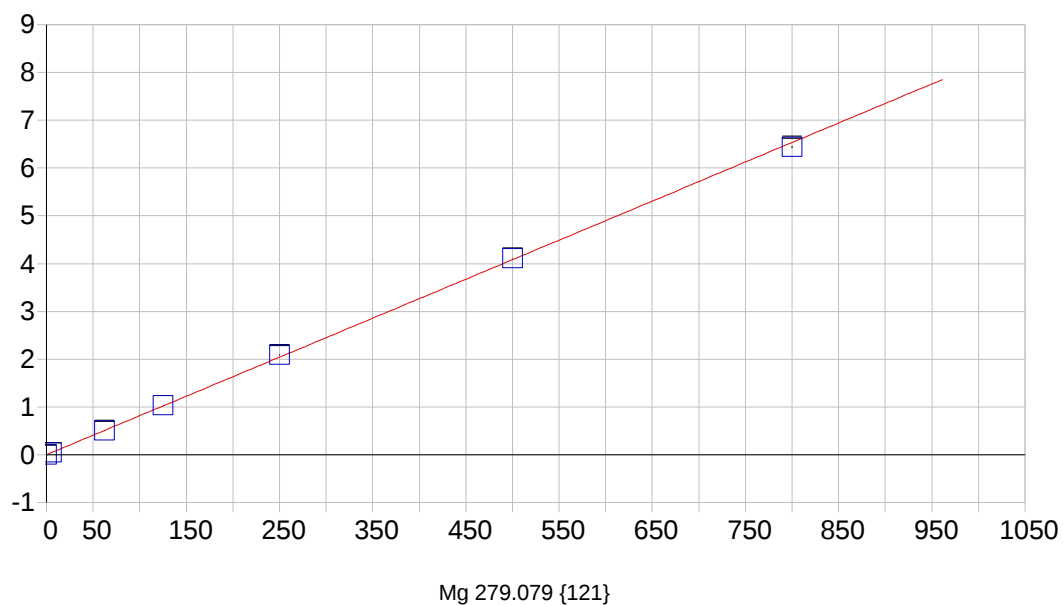


Mn 257.610 {131}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000147 Re-Slope: 1.000000
 A1 (Gain): 0.448196 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999813 Status: OK.
 Std Error of Est: 0.000309
 Predicted MDL: 0.000377
 Predicted MQL: 0.001258

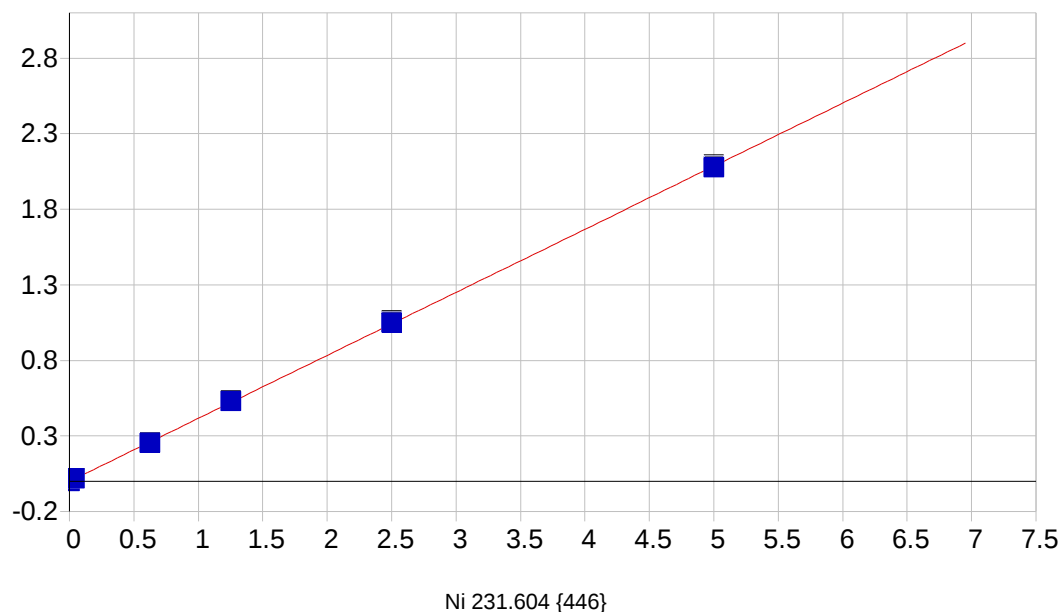
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.01500	.01845	.003	23.0	.00813	.000	1
S2	3.7500	3.8500	.100	2.67	1.7258	.066	1
S3	7.5000	7.7230	.223	2.97	3.4620	.023	1
S4	15.000	15.185	.185	1.23	6.8071	.046	1
S5	30.000	29.489	-.511	-1.70	13.220	.018	1



Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000150 Re-Slope: 1.000000
 A1 (Gain): 0.008167 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887 Status: OK.
 Std Error of Est: 0.000429
 Predicted MDL: 0.021481
 Predicted MQL: 0.071605

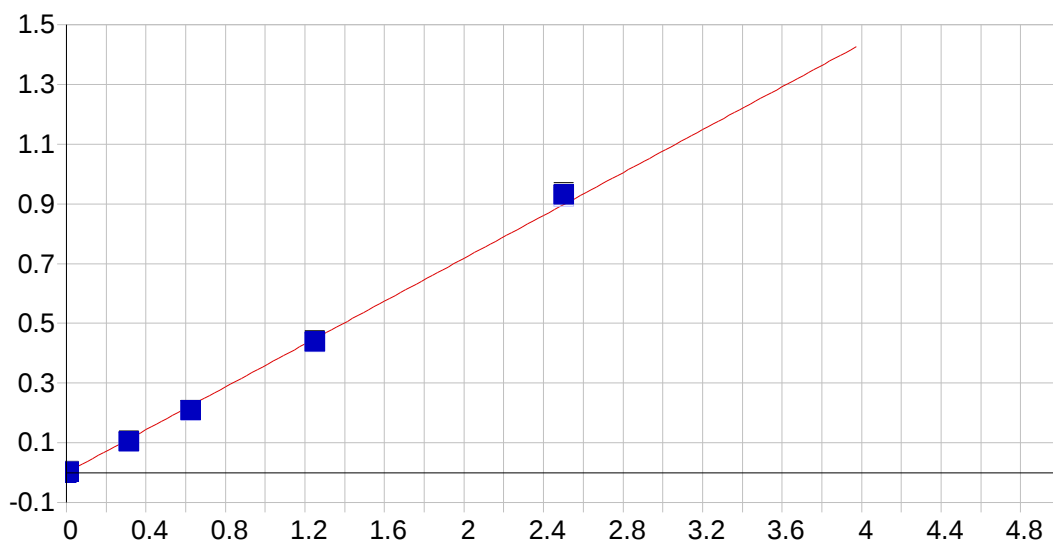
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00059	-.001	.000	-.00015	.000	1
S1	5.0000	5.4823	.482	9.65	.04462	.000	1
S2	62.500	61.950	-.550	-.880	.50578	.012	1
S3	125.00	126.62	1.62	1.30	1.0339	.004	1
S4	250.00	256.06	6.06	2.43	2.0911	.009	1
S5	500.00	503.42	3.42	.683	4.1112	.004	1
S6	800.00	788.97	-11.0	-1.38	6.4432	.022	1



Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000526 Re-Slope: 1.000000
 A1 (Gain): 0.417071 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000098
 Predicted MDL: 0.000462
 Predicted MQL: 0.001539

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00053	.000	1
S1	.04000	.04073	.001	1.84	.01649	.000	1
S2	.62500	.60986	-.015	-2.42	.25520	.002	1
S3	1.2500	1.2685	.019	1.48	.53128	.001	1
S4	2.5000	2.5193	.019	.771	1.0557	.007	1
S5	5.0000	4.9766	-.023	-.468	2.0860	.009	1

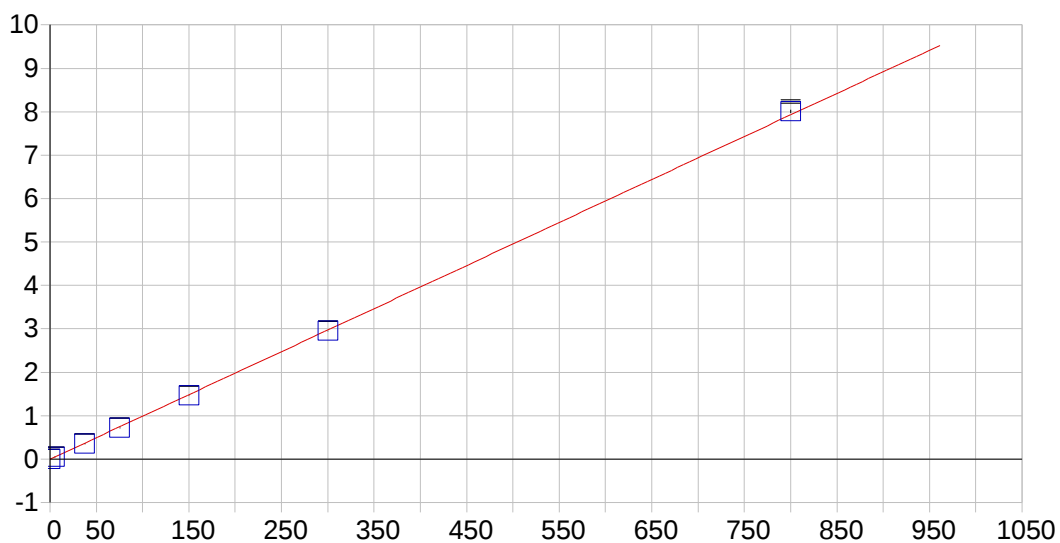


Ag 328.068 {103}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000111 Re-Slope: 1.000000
 A1 (Gain): 0.358863 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999083 Status: OK.
 Std Error of Est: 0.000128
 Predicted MDL: 0.000310
 Predicted MQL: 0.001032

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.01000	.01065	.001	6.48	.00370	.000	1
S2	.31250	.29024	-.022	-7.12	.10328	.002	1
S3	.62500	.58241	-.043	-6.81	.20737	.000	1
S4	1.2500	1.2224	-.028	-2.21	.43551	.002	1
S5	2.5000	2.5918	.092	3.67	.92386	.007	1

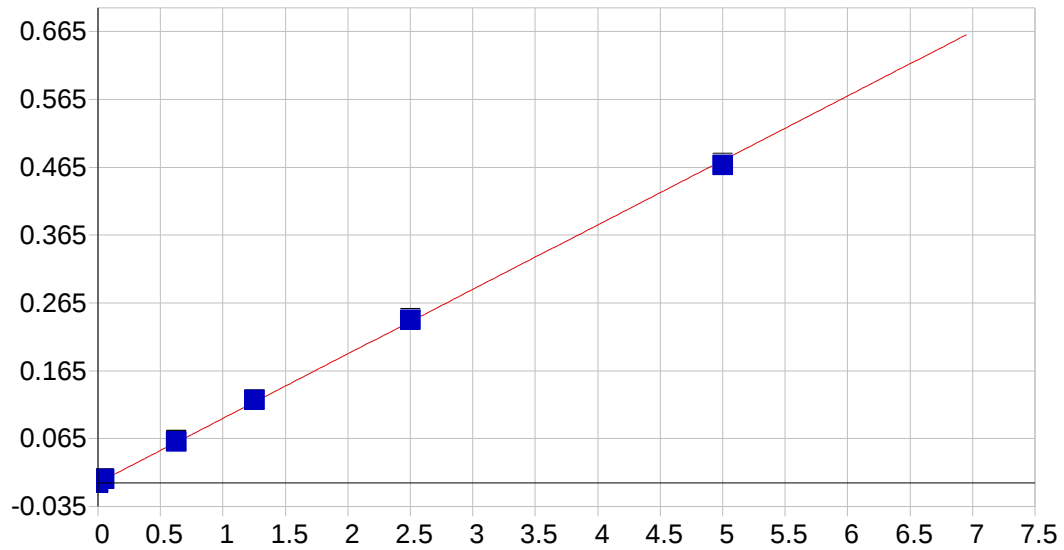


Na 818.326 { 41}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003017 Re-Slope: 1.000000
 A1 (Gain): 0.009913 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000433
 Predicted MDL: 0.097093
 Predicted MQL: 0.323644

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00029	.000	.000	-.00301	.001	1
S1	5.0000	5.1408	.141	2.82	.04794	.001	1
S2	37.500	35.944	-1.56	-4.15	.35328	.004	1
S3	75.000	72.497	-2.50	-3.34	.71562	.003	1
S4	150.00	147.73	-2.27	-1.51	1.4614	.005	1
S5	300.00	298.31	-1.69	-.565	2.9540	.006	1
S6	800.00	807.88	7.88	.985	8.0052	.037	1

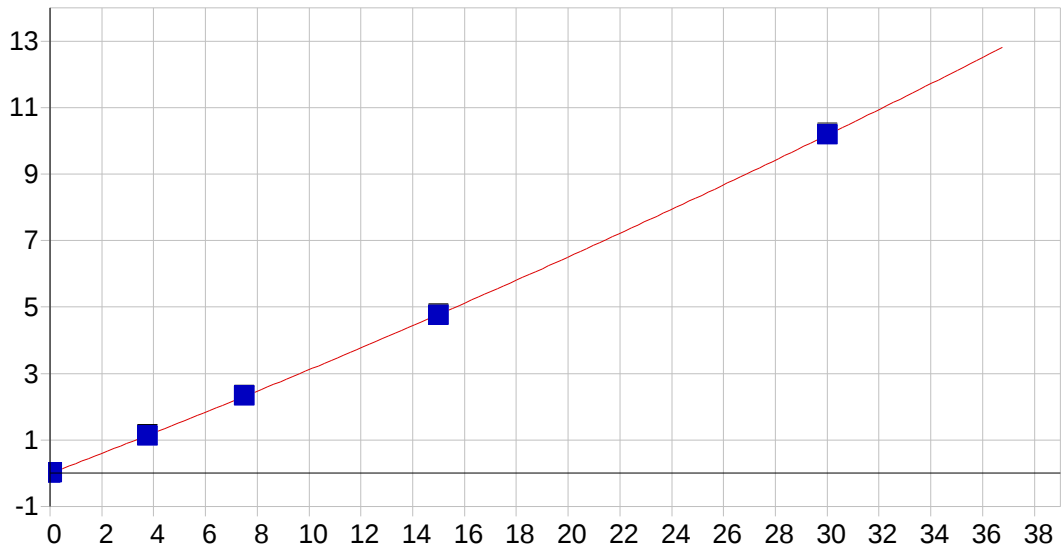


V 292.402 {115}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000040 Re-Slope: 1.000000
 A1 (Gain): 0.095022 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999765 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 0.002113
 Predicted MQL: 0.007042

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00004	.000	1
S1	.05000	.06030	.010	20.6	.00570	.000	1
S2	.62500	.63618	.011	1.79	.06066	.002	1
S3	1.2500	1.2787	.029	2.30	.12196	.001	1
S4	2.5000	2.5269	.027	1.07	.24105	.001	1
S5	5.0000	4.9230	-.077	-1.54	.46971	.001	1

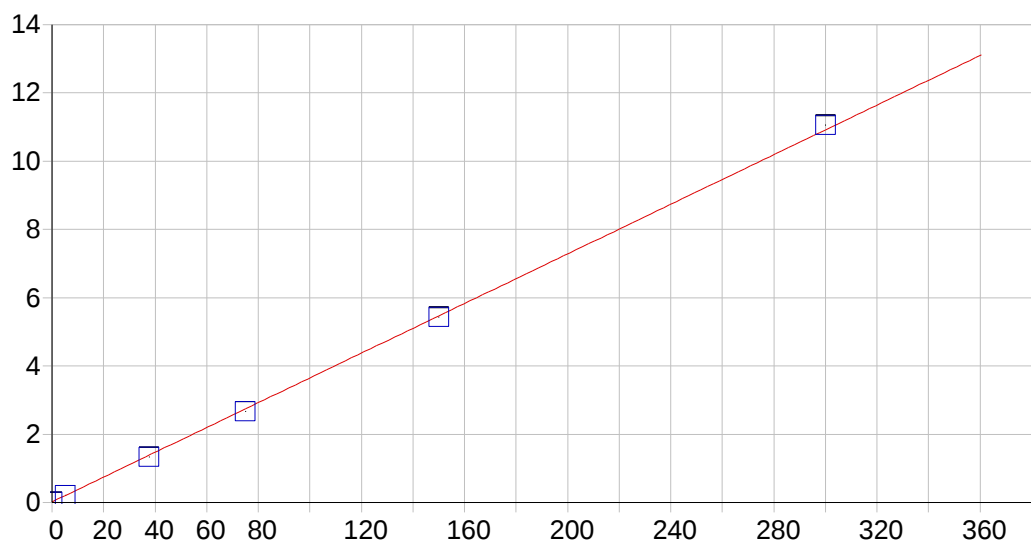


Zn 213.856 {158}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.001133 Re-Slope: 1.000000
 A1 (Gain): 0.297868 Y-int: 0.000000
 A2 (Curvature): 0.001376
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: Warning Positive Curvature
 Std Error of Est: 0.000150
 Predicted MDL: 0.003310
 Predicted MQL: 0.011033

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00114	.001	1
S1	.06000	.06887	.009	14.8	.01946	.001	1
S2	3.7500	3.7361	-.014	-.370	1.1336	.029	1
S3	7.5000	7.5496	.050	.662	2.3315	.015	1
S4	15.000	14.937	-.063	-.423	4.7658	.032	1
S5	30.000	30.019	.019	.064	10.202	.030	1

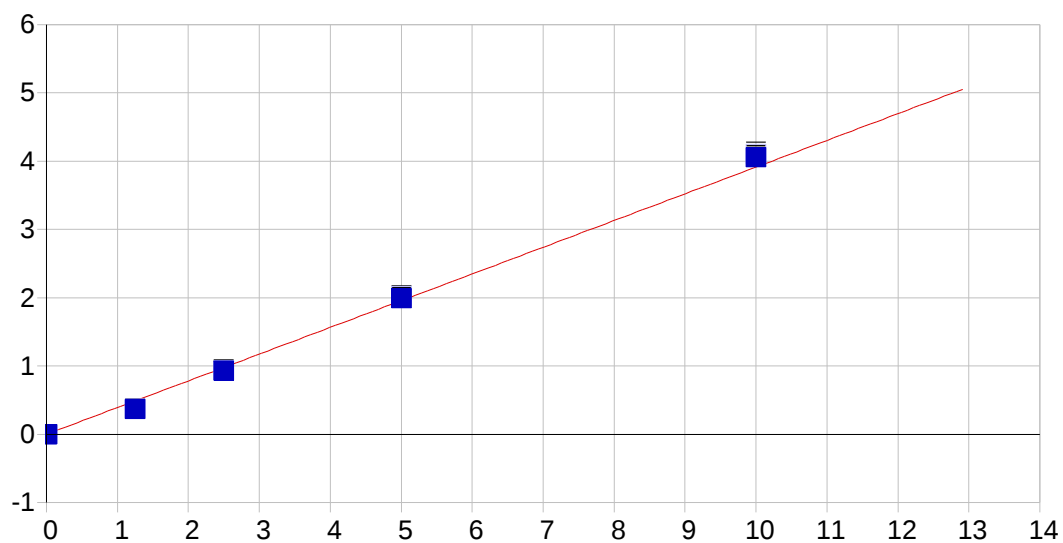


K 769.896 { 44}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016973 Re-Slope: 1.000000
 A1 (Gain): 0.036338 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862 Status: OK.
 Std Error of Est: 0.001246
 Predicted MDL: 0.025302
 Predicted MQL: 0.084341

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00010	.000	.000	.01698	.001	1
S1	5.0000	5.1716	.172	3.43	.20490	.003	1
S2	37.500	36.177	-1.32	-3.53	1.3316	.005	1
S3	75.000	73.058	-1.94	-2.59	2.6717	.002	1
S4	150.00	149.22	-.779	-.520	5.4393	.015	1
S5	300.00	303.87	3.87	1.29	11.059	.019	1

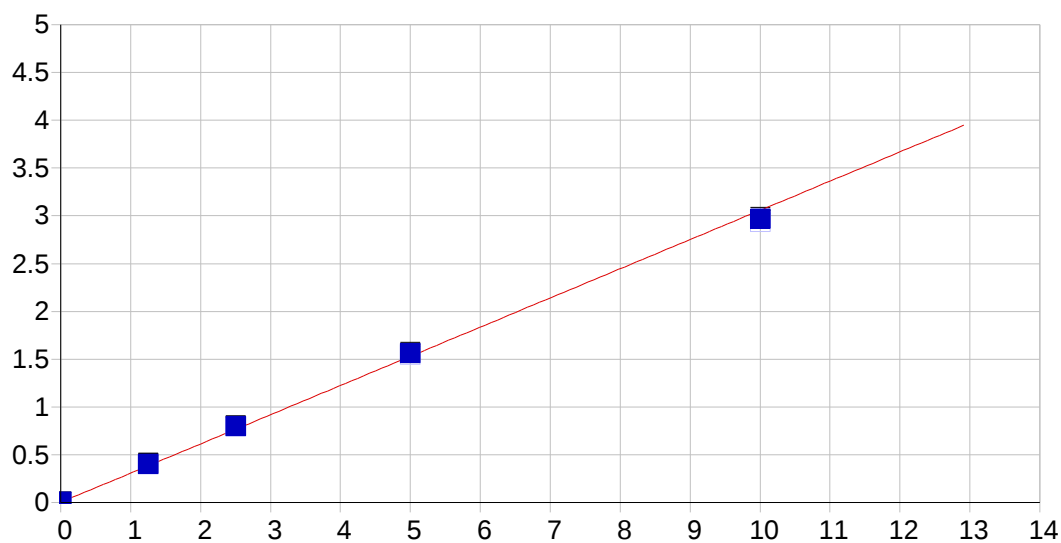


P 177.495 {490}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000817 Re-Slope: 1.000000
 A1 (Gain): 0.391457 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997209 Status: OK.
 Std Error of Est: 0.000498
 Predicted MDL: 0.000280
 Predicted MQL: 0.000933

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00081	.000	1
S1	.01000	.00142	-.009	-85.8	-.00018	.000	1
S2	1.2500	.93698	-.313	-25.0	.37230	.004	1
S3	2.5000	2.3654	-.135	-5.39	.93778	.004	1
S4	5.0000	5.0941	.094	1.88	2.0186	.011	1
S5	10.000	10.362	.362	3.62	4.1062	.030	1

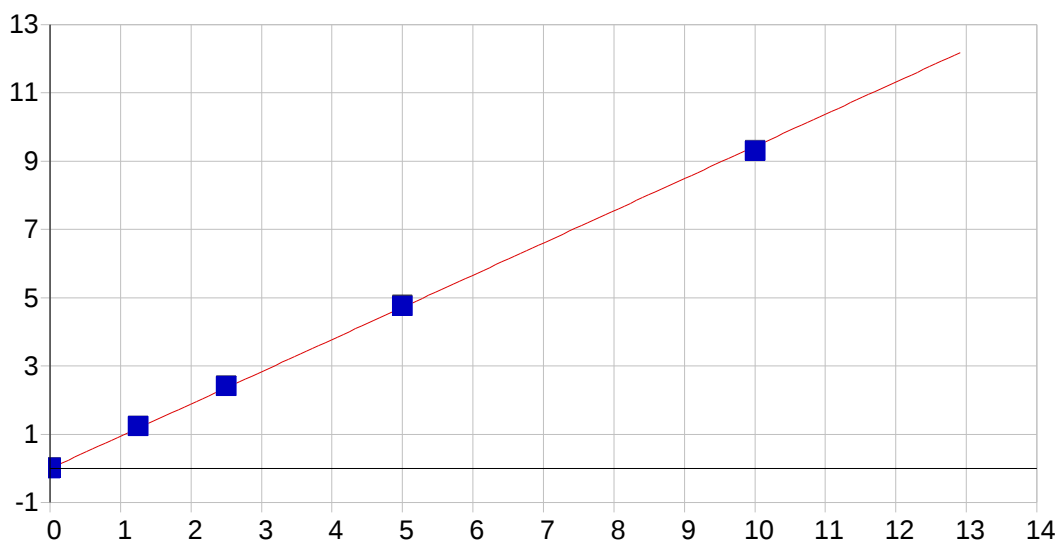


B 249.678 {135}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001690 Re-Slope: 1.000000
 A1 (Gain): 0.305568 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999476 Status: OK.
 Std Error of Est: 0.000164
 Predicted MDL: 0.000899
 Predicted MQL: 0.002996

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00169	.000	1
S1	.01000	.01204	.002	20.4	.00538	.000	1
S2	1.2500	1.3141	.064	5.13	.39845	.011	1
S3	2.5000	2.6103	.110	4.41	.78975	.005	1
S4	5.0000	5.1098	.110	2.20	1.5439	.011	1
S5	10.000	9.7137	-.286	-2.86	2.9316	.017	1

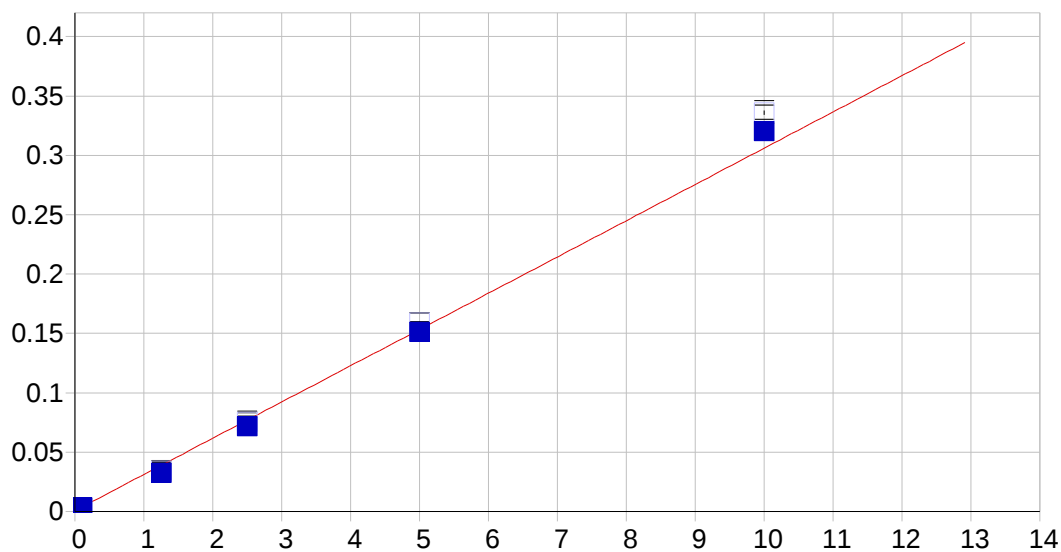


Mo 202.030 {467}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000185 Re-Slope: 1.000000
 A1 (Gain): 0.943302 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999842 Status: OK.
 Std Error of Est: 0.000282
 Predicted MDL: 0.000315
 Predicted MQL: 0.001048

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.01000	.01238	.002	23.8	.01189	.001	1
S2	1.2500	1.3019	.052	4.15	1.2293	.010	1
S3	2.5000	2.5491	.049	1.96	2.4069	.003	1
S4	5.0000	5.0376	.038	.751	4.7564	.023	1
S5	10.000	9.8591	-.141	-1.41	9.3088	.015	1

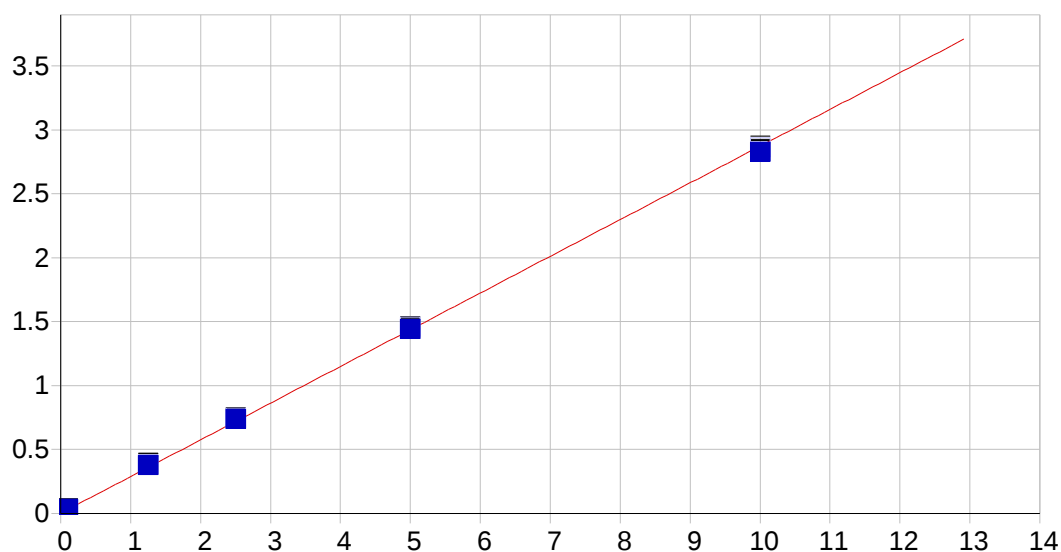


S 182.034 {485}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000632 Re-Slope: 1.000000
 A1 (Gain): 0.030536 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998195 Status: OK.
 Std Error of Est: 0.000103
 Predicted MDL: 0.003851
 Predicted MQL: 0.012838

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00063	.000	1
S1	.10000	.08216	-.018	-17.8	.00315	.000	1
S2	1.2500	1.0363	-.214	-17.1	.03422	.000	1
S3	2.5000	2.3242	-.176	-7.03	.07548	.001	1
S4	5.0000	4.9338	-.066	-1.32	.15905	.000	1
S5	10.000	10.473	.473	4.73	.33595	.002	1

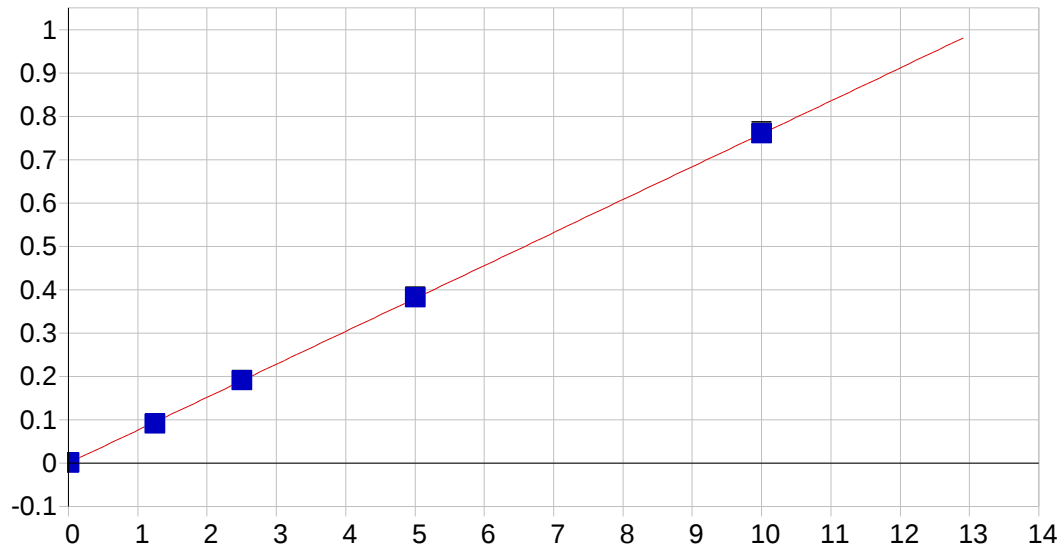


Si 251.611 {134}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001881 Re-Slope: 1.000000
 A1 (Gain): 0.287087 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999750 Status: OK.
 Std Error of Est: 0.000345
 Predicted MDL: 0.000994
 Predicted MQL: 0.003313

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00187	.000	1
S1	.10000	.11694	.017	16.9	.03556	.001	1
S2	1.2500	1.3112	.061	4.90	.38254	.011	1
S3	2.5000	2.5581	.058	2.32	.74472	.004	1
S4	5.0000	5.0175	.018	.351	1.4593	.006	1
S5	10.000	9.8463	-.154	-1.54	2.8624	.013	1

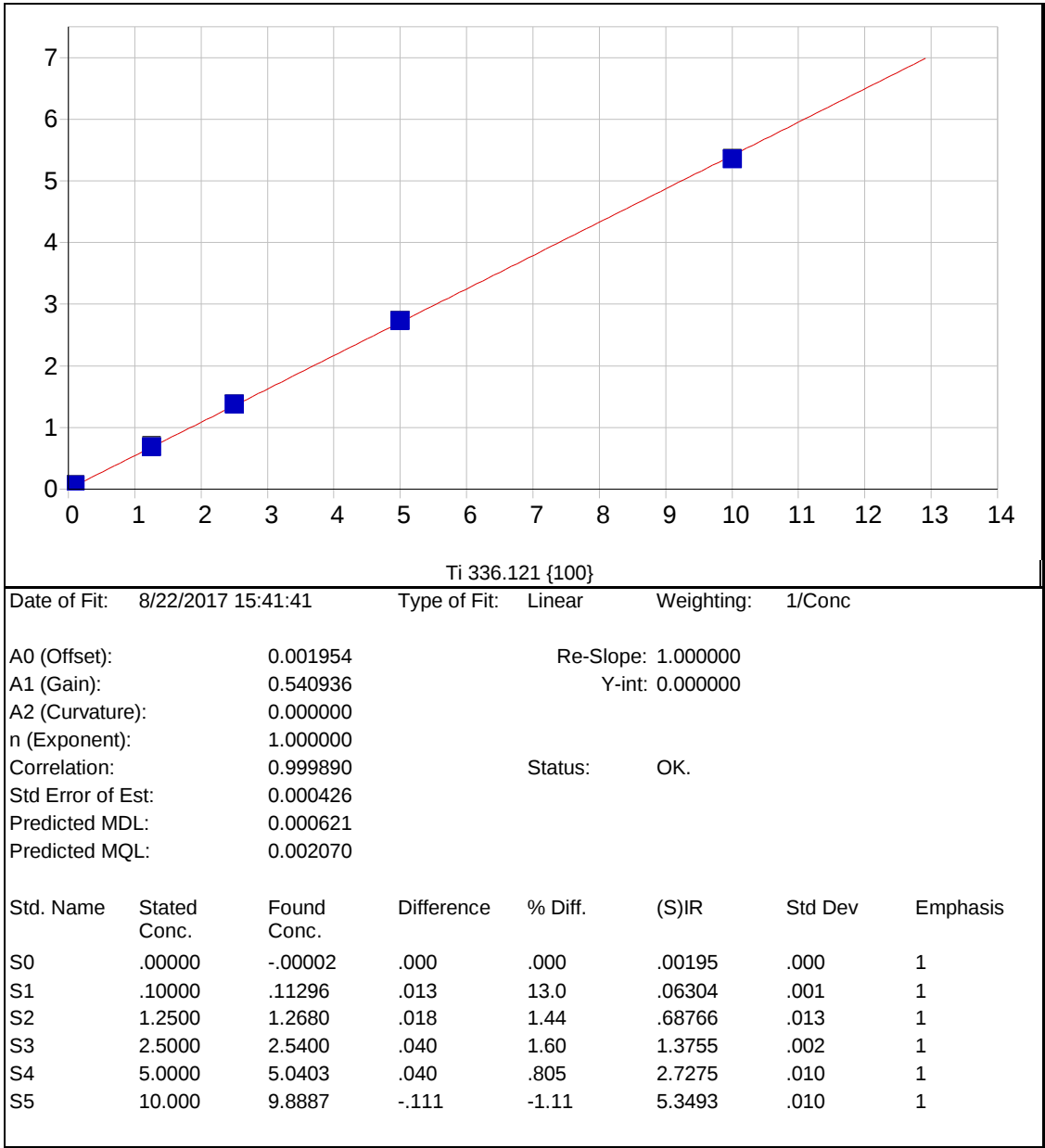


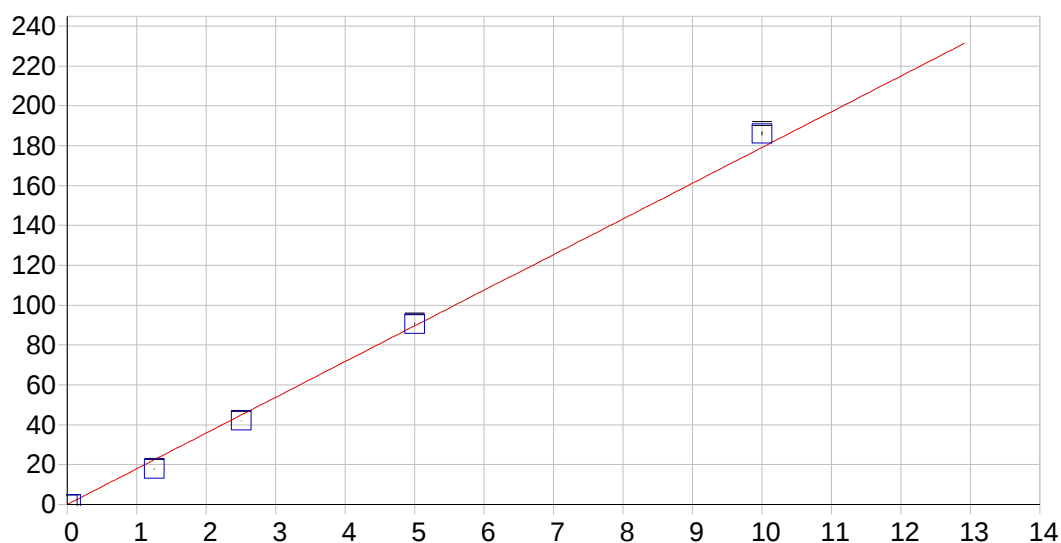
Sn 189.989 {478}

Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000106 Re-Slope: 1.000000
 A1 (Gain): 0.075939 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.001365
 Predicted MQL: 0.004550

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.00700	.00674	.000	-3.67	.00061	.000	1
S2	1.2500	1.1967	-.053	-4.27	.09090	.001	1
S3	2.5000	2.5137	.014	.549	.19085	.000	1
S4	5.0000	5.0276	.028	.552	.38160	.001	1
S5	10.000	10.012	.012	.123	.75984	.004	1



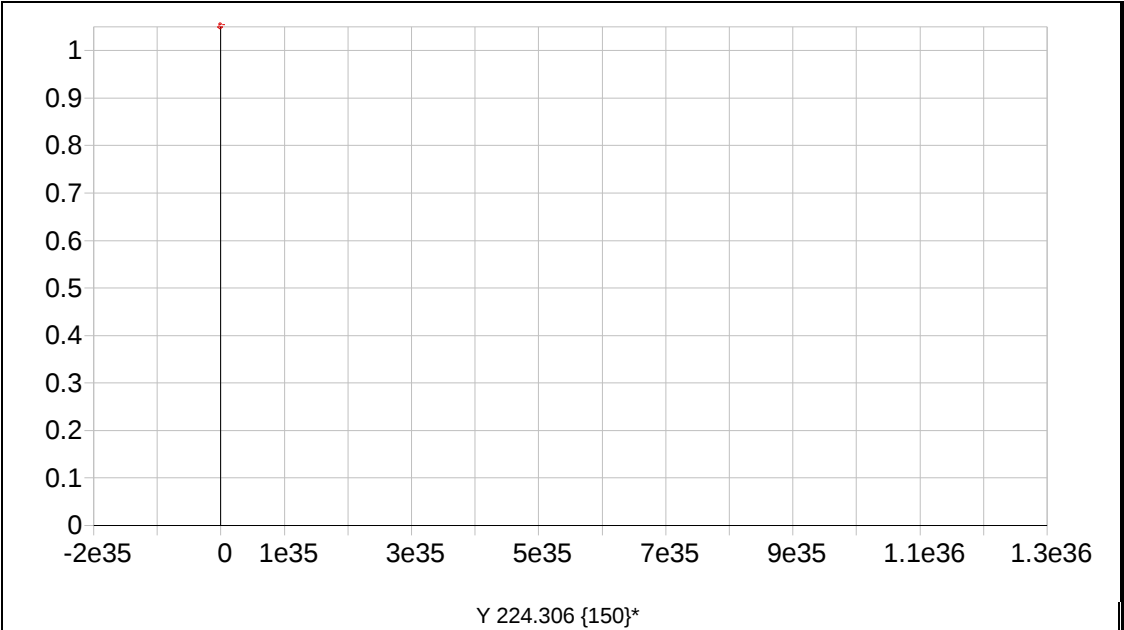


Li 670.784 { 50}

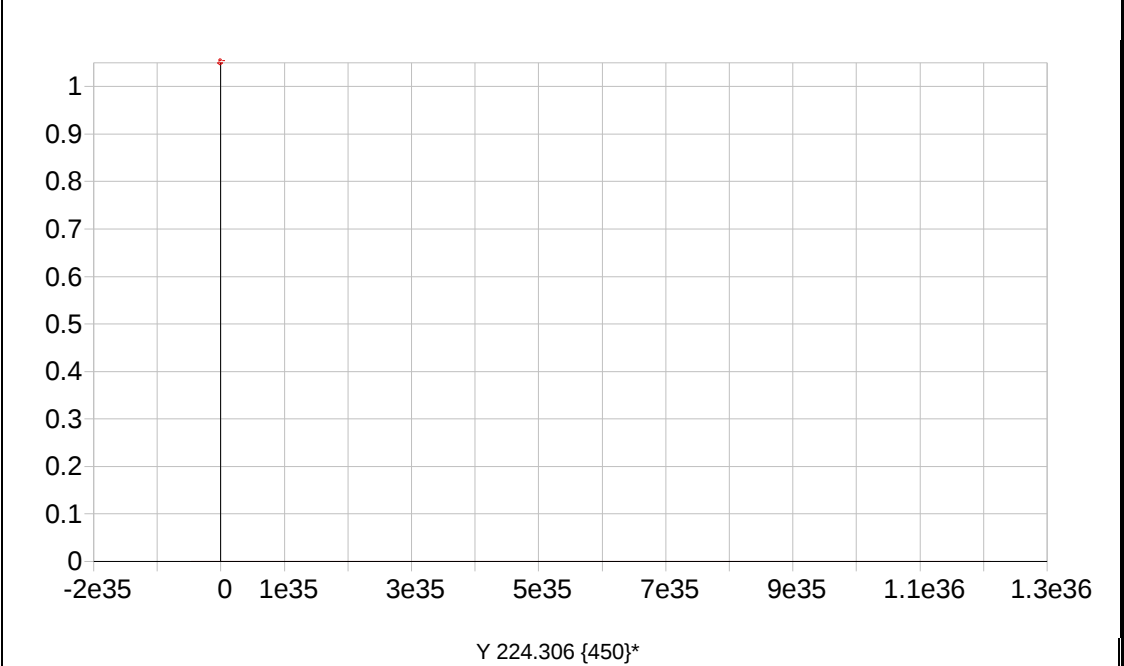
Date of Fit: 8/22/2017 15:41:41 Type of Fit: Linear Weighting: 1/Conc

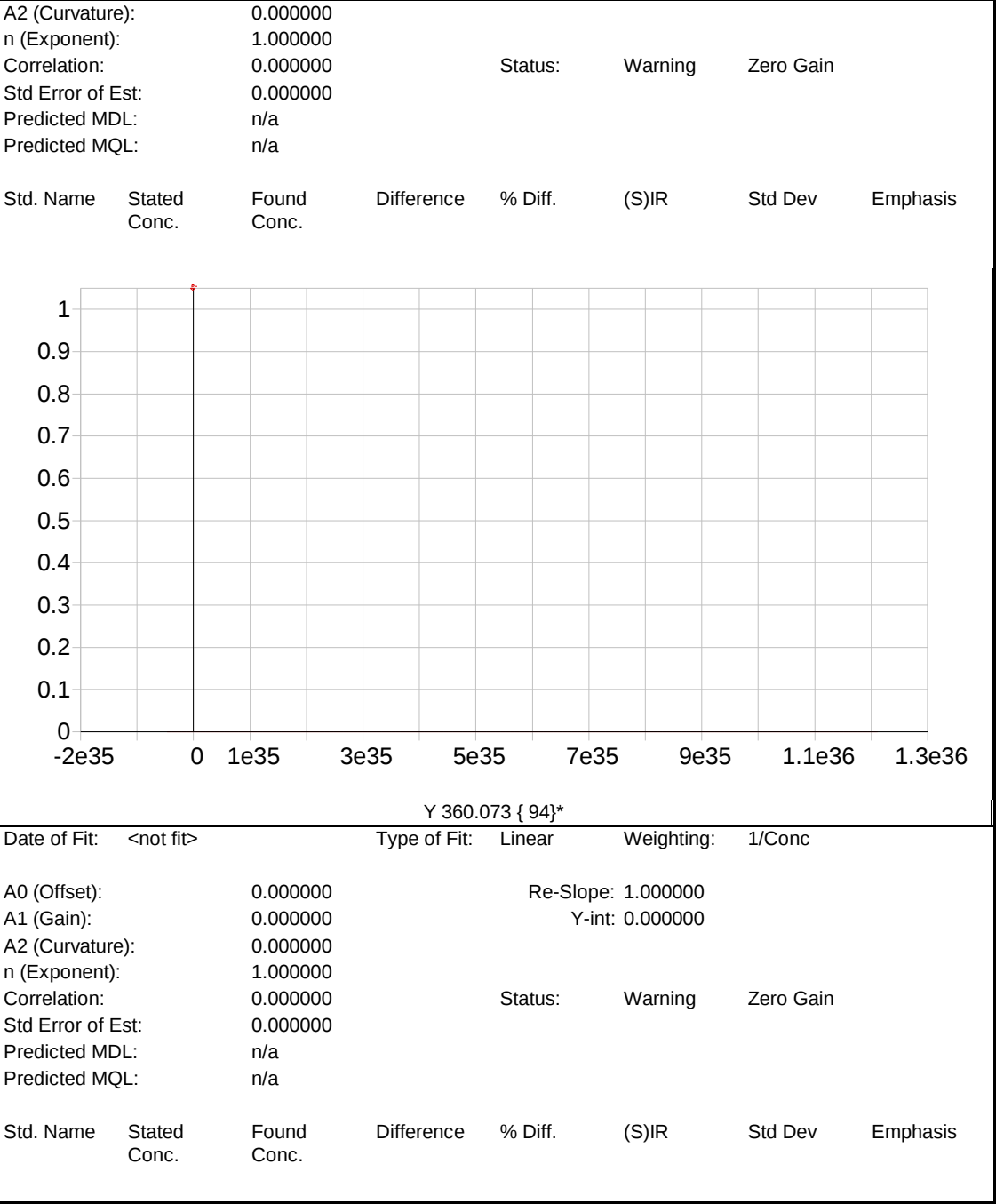
A0 (Offset): 0.006232 Re-Slope: 1.000000
 A1 (Gain): 17.917729 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996956 Status: OK.
 Std Error of Est: 0.052590
 Predicted MDL: 0.000059
 Predicted MQL: 0.000195

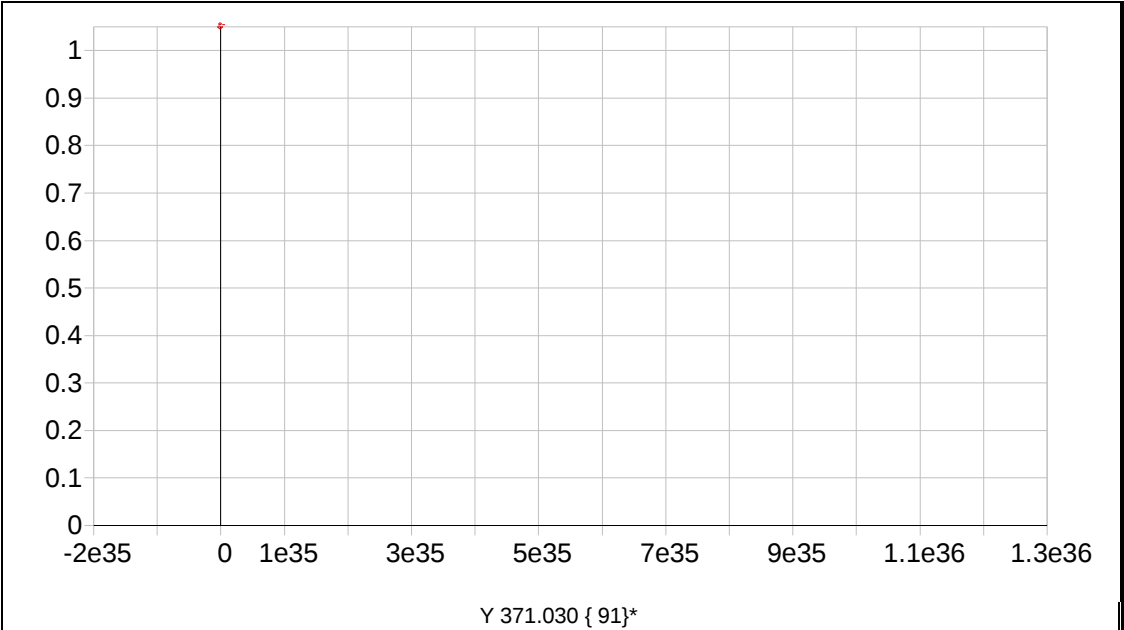
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.00722	.000	1
S5	10.000	10.388	.388	3.88	186.14	1.01	1
S4	5.0000	5.0610	.061	1.22	90.688	.486	1
S3	2.5000	2.3453	-.155	-6.19	42.029	.210	1
S2	1.2500	1.0000	-.250	-20.0	17.924	.176	1
S1	.05000	.00553	-.044	-88.9	.10536	.003	1



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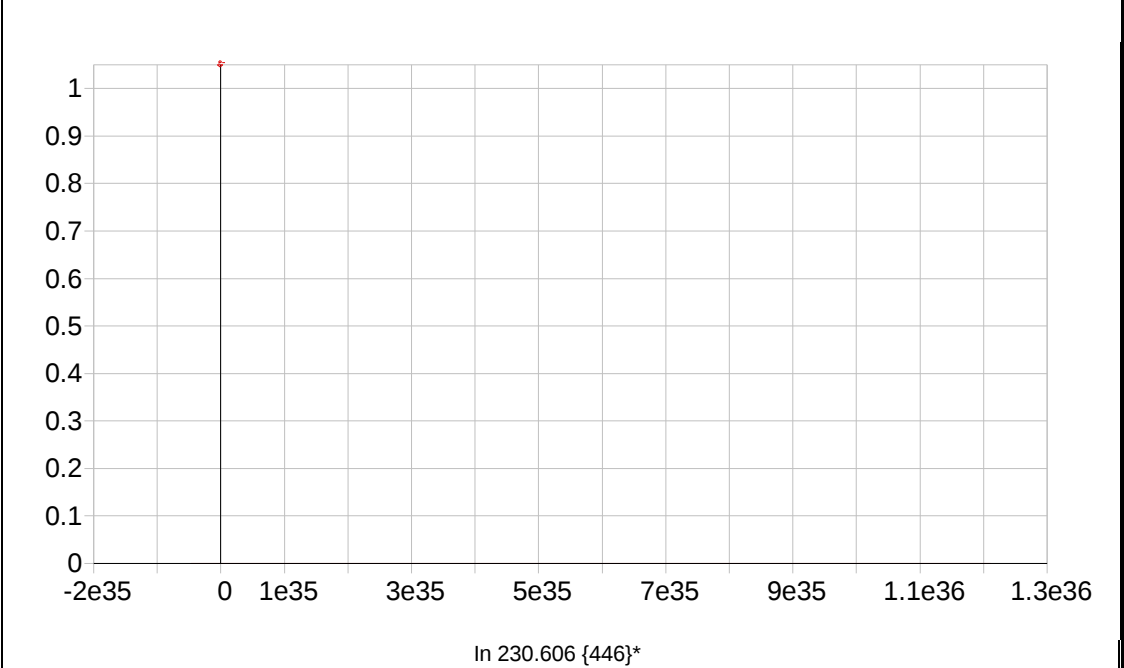




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

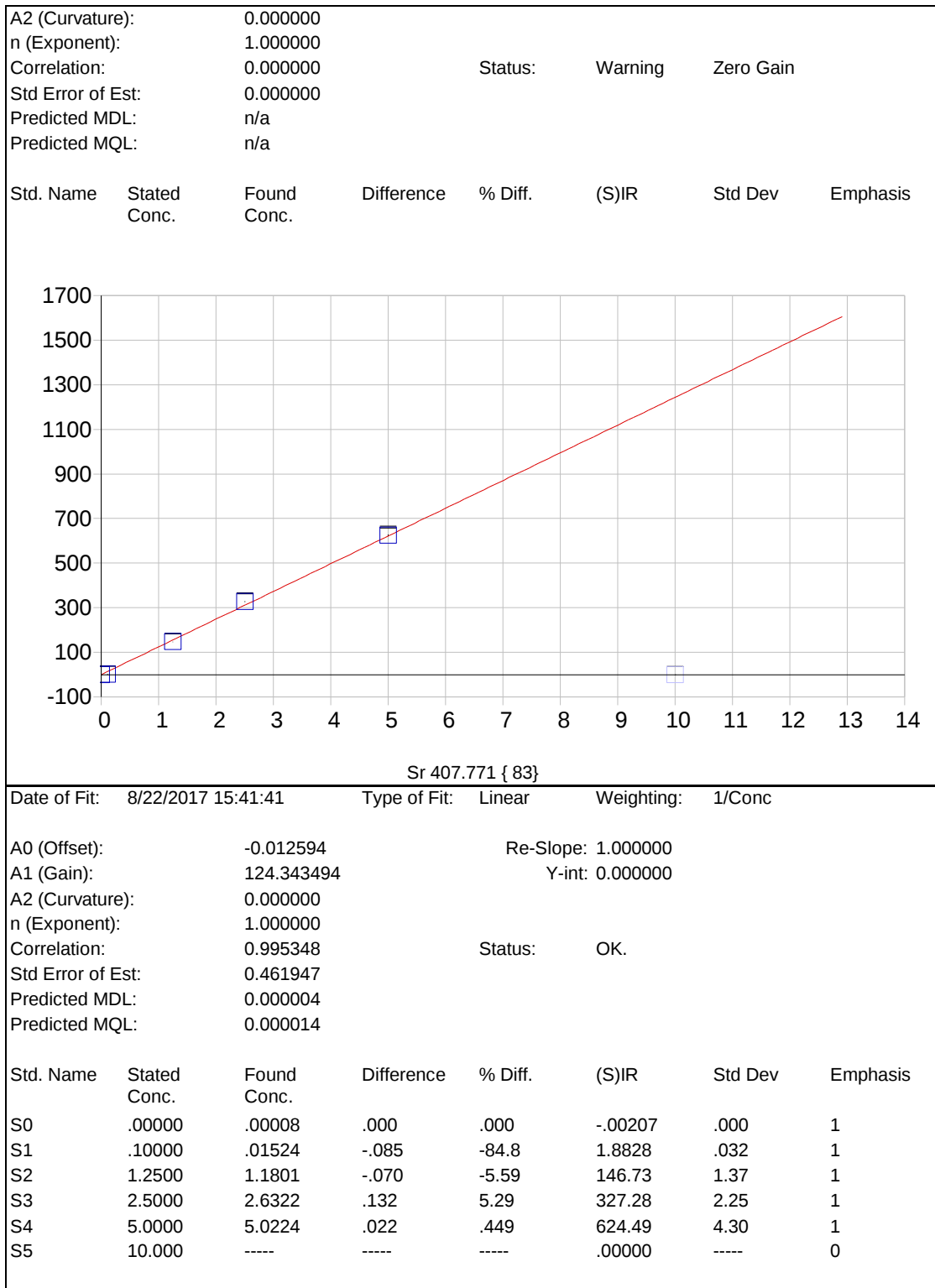
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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



Sample Name: S0 Acquired: 8/22/2017 14:57:25 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	-.00050	-.00022	.00017	.00029	.00037	.00017	-.10812	-.00175
Stddev	.00006	.00005	.00006	.00010	.00013	.00024	.00134	.00009
%RSD	12.545	21.656	37.484	33.629	36.440	144.65	1.2429	5.2935

#1	-.00044	-.00024	.00015	.00020	.00051	.00005	-.10959	-.00176
#2	-.00057	-.00017	.00012	.00028	.00036	.00001	-.10782	-.00184
#3	-.00050	-.00026	.00024	.00040	.00024	.00045	-.10695	-.00165

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	-.00056	.00105	.00001	-.00045	.00160	.00012	-.00015	-.00015
Stddev	.00010	.00018	.00002	.00008	.00019	.00014	.00011	.00012
%RSD	18.012	16.879	166.10	17.435	12.084	113.05	73.782	77.530

#1	-.00064	.00085	.00003	-.00045	.00175	.00028	-.00022	-.00028
#2	-.00044	.00119	.00001	-.00037	.00167	.00001	-.00002	-.00013
#3	-.00059	.00112	-.00001	-.00053	.00138	.00008	-.00021	-.00005

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	-.00053	-.00011	-.00301	-.00004	-.00114	.01698	-.00081	.00169
Stddev	.00010	.00006	.00064	.00011	.00110	.00068	.00010	.00009
%RSD	19.304	54.585	21.134	281.80	97.115	4.0294	11.739	5.5950

#1	-.00064	-.00018	-.00356	-.00002	-.00153	.01711	-.00076	.00178
#2	-.00047	-.00007	-.00232	.00006	-.00199	.01624	-.00092	.00159
#3	-.00047	-.00008	-.00316	-.00016	.00011	.01759	-.00076	.00170

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	.00018	.00063	.00187	.00011	.00195	.00722	-.00207	
Stddev	.00025	.00005	.00017	.00012	.00026	.00005	.00013	
%RSD	138.77	8.1764	8.9718	114.25	13.124	.76111	6.2529	

#1	.00034	.00063	.00205	.00012	.00216	.00724	-.00222	
#2	.00032	.00058	.00171	.00022	.00166	.00726	-.00200	
#3	-.00011	.00069	.00186	-.00002	.00201	.00715	-.00199	

Sample Name: S0 Acquired: 8/22/2017 14:57:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	901.87	1641.0	35551.	7890.7	3165.5
Stddev	4.93	24.6	206.	37.3	42.4
%RSD	.54642	1.5008	.57855	.47317	1.3405
#1	896.81	1626.0	35314.	7849.2	3135.8
#2	906.66	1627.7	35672.	7901.2	3146.6
#3	902.14	1669.5	35668.	7921.6	3214.1

Sample Name: S1 Acquired: 8/22/2017 15:01:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	.00029	.00170	.00221	.00387	.01242	.02299	.67581	.01440
Stddev	.00006	.00008	.00020	.00018	.00068	.00061	.01282	.00011
%RSD	21.217	4.5257	9.0572	4.6984	5.5076	2.6619	1.8963	.75014

#1	.00032	.00173	.00244	.00381	.01319	.02230	.66407	.01452
#2	.00034	.00175	.00213	.00408	.01220	.02317	.67387	.01438
#3	.00022	.00161	.00207	.00373	.01187	.02348	.68948	.01430

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	.00908	.26648	.00159	.03562	.00952	.00265	.00813	.04462
Stddev	.00023	.00233	.00001	.00079	.00025	.00017	.00012	.00049
%RSD	2.5526	.87321	.91308	2.2272	2.6107	6.5236	1.5004	1.0902

#1	.00932	.26424	.00158	.03631	.00926	.00248	.00817	.04408
#2	.00885	.26632	.00161	.03579	.00976	.00283	.00799	.04477
#3	.00907	.26888	.00158	.03475	.00953	.00264	.00823	.04502

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	.01649	.00370	.04794	.00570	.01946	.20490	-.00018	.00538
Stddev	.00026	.00008	.00067	.00015	.00118	.00327	.00011	.00034
%RSD	1.5540	2.1720	1.3965	2.6529	6.0636	1.5954	57.251	6.2729

#1	.01676	.00370	.04718	.00576	.01821	.20156	-.00027	.00575
#2	.01645	.00378	.04844	.00553	.01960	.20503	-.00022	.00527
#3	.01625	.00362	.04820	.00581	.02055	.20810	-.00007	.00510

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	.01189	.00315	.03556	.00061	.06304	.10536	1.8828	
Stddev	.00056	.00006	.00107	.00006	.00080	.00262	.0321	
%RSD	4.7081	1.9906	2.9986	9.8771	1.2626	2.4846	1.7076	

#1	.01247	.00321	.03670	.00056	.06241	.10265	1.8527	
#2	.01184	.00314	.03538	.00068	.06278	.10557	1.8790	
#3	.01135	.00309	.03459	.00060	.06394	.10787	1.9166	

Sample Name: S1 Acquired: 8/22/2017 15:01:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	884.98	1595.7	34738.	7831.1	3045.2
Stddev	2.64	4.7	131.	25.5	13.3
%RSD	.29800	.29704	.37724	.32582	.43568
#1	882.44	1598.1	34602.	7801.6	3036.8
#2	884.81	1590.2	34749.	7845.3	3038.4
#3	887.70	1598.8	34863.	7846.4	3060.5

Sample Name: S2 Acquired: 8/22/2017 15:05:43 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	.07408	.09029	1.1174	.11442	.23894	3.8066	10.654	.31989
Stddev	.00088	.00070	.0092	.00099	.00204	.0541	.032	.00749
%RSD	1.1818	.77685	.82150	.86116	.85573	1.4201	.29777	2.3417

#1	.07352	.09010	1.1114	.11430	.23789	3.7443	10.628	.31124
#2	.07363	.08971	1.1128	.11350	.23763	3.8409	10.690	.32427
#3	.07509	.09107	1.1279	.11546	.24129	3.8347	10.645	.32415

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	1.0742	2.9874	.48180	.43443	1.0382	.81817	1.7258	.50578
Stddev	.0090	.1328	.00792	.00403	.0047	.02863	.0661	.01153
%RSD	.83438	4.4462	1.6439	.92792	.45550	3.4989	3.8298	2.2791

#1	1.0669	2.8352	.47842	.43191	1.0327	.78535	1.6496	.49265
#2	1.0714	3.0470	.49085	.43229	1.0409	.83118	1.7591	.51046
#3	1.0842	3.0800	.47614	.43908	1.0409	.83798	1.7686	.51424

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	.25520	.10328	.35328	.06066	1.1336	1.3316	.37230	.39845
Stddev	.00174	.00163	.00395	.00199	.0287	.0050	.00419	.01114
%RSD	.68045	1.5744	1.1184	3.2823	2.5294	.37396	1.1252	2.7963

#1	.25426	.10239	.34873	.05837	1.1033	1.3269	.37042	.38559
#2	.25414	.10516	.35583	.06198	1.1604	1.3368	.36938	.40487
#3	.25721	.10230	.35527	.06162	1.1372	1.3310	.37710	.40490

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	1.2293	.03422	.38254	.09090	.68766	17.924	146.73	
Stddev	.0102	.00039	.01100	.00063	.01345	.176	1.37	
%RSD	.82706	1.1283	2.8766	.68940	1.9562	.98253	.93184	

#1	1.2231	.03387	.36985	.09049	.67227	18.125	145.35	
#2	1.2238	.03415	.38848	.09059	.69353	17.853	146.76	
#3	1.2411	.03463	.38931	.09163	.69717	17.795	148.08	

Sample Name: S2 Acquired: 8/22/2017 15:05:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	849.14	1542.1	33076.	7807.7	2764.5
Stddev	12.71	10.9	474.	230.0	17.7
%RSD	1.4973	.70767	1.4324	2.9458	.64183
#1	856.36	1543.4	33407.	8072.9	2769.2
#2	834.46	1552.3	32533.	7686.7	2779.4
#3	856.60	1530.5	33287.	7663.4	2744.9

Sample Name: S3 Acquired: 8/22/2017 15:09:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	.14908	.18402	2.3262	.22770	.47919	7.8006	21.296	.63416
Stddev	.00019	.00058	.0067	.00061	.00064	.0146	.053	.00619
%RSD	.13023	.31658	.28641	.26839	.13264	.18649	.25034	.97649

#1	.14913	.18357	2.3186	.22840	.47878	7.7917	21.276	.63328
#2	.14924	.18468	2.3293	.22725	.47993	7.7926	21.357	.62845
#3	.14886	.18382	2.3308	.22745	.47888	7.8174	21.256	.64074

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	2.2625	6.1381	.91787	.91211	2.0719	1.6392	3.4620	1.0339
Stddev	.0051	.0332	.00140	.00175	.0054	.0082	.0233	.0038
%RSD	.22718	.54074	.15268	.19136	.26065	.50116	.67162	.36432

#1	2.2598	6.1404	.91829	.91032	2.0720	1.6424	3.4598	1.0330
#2	2.2594	6.1039	.91902	.91219	2.0773	1.6298	3.4399	1.0307
#3	2.2685	6.1701	.91631	.91381	2.0665	1.6452	3.4863	1.0381

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	.53128	.20737	.71562	.12196	2.3315	2.6717	.93778	.78975
Stddev	.00083	.00012	.00264	.00070	.0150	.0025	.00367	.00493
%RSD	.15704	.05939	.36831	.57735	.64424	.09246	.39182	.62413

#1	.53044	.20730	.71288	.12224	2.3431	2.6744	.93452	.78824
#2	.53211	.20751	.71584	.12116	2.3145	2.6710	.94176	.78575
#3	.53130	.20729	.71813	.12248	2.3368	2.6696	.93705	.79526

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	2.4069	.07548	.74472	.19085	1.3755	42.029	327.28	
Stddev	.0028	.00067	.00444	.00024	.0017	.210	2.25	
%RSD	.11512	.88259	.59642	.12734	.12164	.49932	.68828	

#1	2.4037	.07508	.74091	.19063	1.3768	42.263	327.75	
#2	2.4084	.07625	.74365	.19111	1.3736	41.967	324.83	
#3	2.4086	.07512	.74960	.19080	1.3761	41.857	329.27	

Sample Name: S3 Acquired: 8/22/2017 15:09:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	806.36	1472.2	32068.	7491.5	2419.6
Stddev	4.53	1.9	73.	44.5	1.3
%RSD	.56236	.12668	.22830	.59440	.05485
#1	801.12	1470.0	31989.	7483.8	2421.0
#2	808.87	1473.2	32083.	7539.3	2418.3
#3	809.08	1473.3	32133.	7451.3	2419.6

Sample Name: S4 Acquired: 8/22/2017 15:13:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	.30317	.35207	4.6060	.45770	.97845	16.057	41.791	1.2793
Stddev	.00127	.00147	.0219	.00092	.00576	.033	.084	.0079
%RSD	.41830	.41627	.47432	.20047	.58864	.20326	.20040	.61737

#1	.30400	.35376	4.6250	.45870	.98375	16.050	41.868	1.2756
#2	.30381	.35126	4.6110	.45752	.97928	16.028	41.702	1.2739
#3	.30171	.35119	4.5821	.45689	.97232	16.092	41.802	1.2883

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	4.5028	12.356	1.7695	1.8352	4.1942	3.2104	6.8071	2.0911
Stddev	.0190	.083	.0106	.0102	.0075	.0165	.0458	.0093
%RSD	.42078	.66817	.59886	.55456	.17872	.51305	.67306	.44321

#1	4.5239	12.269	1.7610	1.8458	4.1955	3.1963	6.7639	2.0831
#2	4.4969	12.365	1.7662	1.8344	4.1861	3.2064	6.8023	2.0889
#3	4.4874	12.433	1.7814	1.8255	4.2009	3.2285	6.8551	2.1012

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	1.0557	.43551	1.4614	.24105	4.7658	5.4393	2.0186	1.5439
Stddev	.0066	.00247	.0053	.00104	.0323	.0150	.0106	.0111
%RSD	.62162	.56632	.36394	.43145	.67672	.27663	.52525	.71659

#1	1.0630	.43436	1.4555	.24008	4.7298	5.4409	2.0306	1.5420
#2	1.0539	.43383	1.4628	.24091	4.7755	5.4235	2.0150	1.5340
#3	1.0502	.43834	1.4659	.24215	4.7921	5.4535	2.0103	1.5559

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	4.7564	.15905	1.4593	.38160	2.7275	90.688	624.49	
Stddev	.0227	.00009	.0059	.00139	.0097	.486	4.30	
%RSD	.47803	.05814	.40308	.36525	.35544	.53575	.68876	

#1	4.7824	.15914	1.4571	.38302	2.7207	91.116	621.29	
#2	4.7463	.15905	1.4547	.38155	2.7231	90.160	622.81	
#3	4.7405	.15896	1.4659	.38023	2.7386	90.787	629.38	

Sample Name: S4 Acquired: 8/22/2017 15:13:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	751.94	1361.5	30493.	7225.7	2159.2
Stddev	2.56	7.5	99.	20.8	10.9
%RSD	.34053	.55280	.32585	.28823	.50247
#1	752.66	1354.4	30590.	7235.4	2147.8
#2	754.07	1360.7	30496.	7239.9	2160.4
#3	749.10	1369.4	30392.	7201.8	2169.4

Sample Name: S5 Acquired: 8/22/2017 15:18:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	.62804	.67934	9.1555	.93146	2.0390	33.006	83.051	2.5480
Stddev	.00351	.00332	.0510	.00388	.0105	.059	.316	.0196
%RSD	.55808	.48878	.55700	.41609	.51438	.17748	.38012	.76916

#1	.62983	.68294	9.2040	.93302	2.0433	33.048	82.790	2.5341
#2	.63029	.67869	9.1602	.93431	2.0468	33.031	82.961	2.5705
#3	.62400	.67639	9.1023	.92705	2.0271	32.939	83.402	2.5396

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	8.8756	24.371	3.3177	3.6658	8.5438	6.2031	13.220	4.1112
Stddev	.0295	.026	.0354	.0147	.0295	.0060	.018	.0040
%RSD	.33259	.10532	1.0670	.40187	.34548	.09659	.13803	.09845

#1	8.9084	24.353	3.2915	3.6782	8.5689	6.2003	13.214	4.1156
#2	8.8670	24.400	3.3580	3.6696	8.5511	6.2100	13.240	4.1103
#3	8.8513	24.360	3.3037	3.6495	8.5113	6.1990	13.205	4.1076

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	2.0860	.92386	2.9540	.46971	10.202	11.059	4.1062	2.9316
Stddev	.0091	.00731	.0064	.00118	.030	.019	.0297	.0173
%RSD	.43707	.79076	.21713	.25220	.29626	.17411	.72243	.58885

#1	2.0945	.91752	2.9546	.46928	10.207	11.060	4.1311	2.9155
#2	2.0872	.93185	2.9601	.47105	10.230	11.078	4.1141	2.9498
#3	2.0764	.92221	2.9473	.46881	10.170	11.039	4.0733	2.9296

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	9.3088	.33595	2.8624	.75984	5.3493	186.14	^ *****	
Stddev	.0146	.00173	.0129	.00420	.0095	1.01	-----	
%RSD	.15696	.51432	.45186	.55329	.17790	.54144	-----	

#1	9.3157	.33749	2.8531	.76435	5.3476	184.99	^ -----	
#2	9.3187	.33628	2.8772	.75914	5.3595	186.89	^ -----	
#3	9.2921	.33408	2.8571	.75602	5.3407	186.53	^ -----	

Sample Name: S5 Acquired: 8/22/2017 15:18:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	659.51	1226.0	28494.	6927.2	1859.6
Stddev	2.46	6.7	152.	22.0	9.2
%RSD	.37323	.54418	.53201	.31811	.49500
#1	658.35	1224.0	28579.	6921.1	1852.9
#2	657.84	1220.6	28319.	6908.8	1855.8
#3	662.33	1233.5	28585.	6951.6	1870.1

Sample Name: S6 Acquired: 8/22/2017 15:22:24 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	84.675	39.510	16.292	6.4432	8.0052
Stddev	.774	.208	.084	.0224	.0368
%RSD	.91464	.52739	.51383	.34703	.45959

#1	83.822	39.512	16.285	6.4316	7.9814
#2	85.334	39.301	16.212	6.4290	8.0475
#3	84.869	39.718	16.379	6.4690	7.9865

Int. Std.	Y_3710
Units	Cts/S
Avg	6723.0
Stddev	29.8
%RSD	.44358

#1	6742.7
#2	6688.7
#3	6737.6

Sample Name: ICV Acquired: 8/22/2017 15:26:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	.9608901	1.124623	.9816333	.9972074	.9587018	2.306901
Stddev	.0031985	.004501	.0015745	.0019929	.0031118	.027833
%RSD	.3328664	.4002525	.1603998	.1998427	.3245826	1.206517

#1	.9609521	1.127241	.9812167	.9985415	.9566829	2.336631
#2	.9640572	1.127204	.9803089	.9981641	.9622854	2.281464
#3	.9576611	1.119426	.9833742	.9949166	.9571372	2.302609

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5031074	.4855618	.4729500	10.10105	.4933257	.4774252
Stddev	.0059439	.0052615	.0006500	.11009	.0049339	.0007874
%RSD	1.181446	1.083582	.1374344	1.089878	1.000125	.1649265

#1	.5097504	.4916270	.4735264	10.20669	.4962561	.4774658
#2	.4982915	.4822250	.4730782	9.98699	.4960917	.4781915
#3	.5012804	.4828332	.4722455	10.10947	.4876293	.4766183

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4935201	5.448019	.5360120	5.935442	.4911526	.4606916
Stddev	.0049194	.062883	.0072434	.085672	.0008307	.0052359
%RSD	.9967998	1.154234	1.351350	1.443405	.1691309	1.136521

#1	.4984886	5.517109	.5434933	6.029022	.4913975	.4642744
#2	.4886513	5.394130	.5290327	5.860869	.4902270	.4631175
#3	.4934204	5.432818	.5355099	5.916436	.4918333	.4546827

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.514190	.5015217	1.001129	9.448016	F -.004964	F 1.911228
Stddev	.116646	.0055502	.021960	.078686	.000148	.017920
%RSD	1.226026	1.106667	2.193505	.8328295	2.989533	.9375969

#1	9.647289	.5068129	1.018473	9.537399	-.004987	1.931852
#2	9.465527	.4957445	1.008476	9.389203	-.005100	1.899468
#3	9.429754	.5020077	.976438	9.417445	-.004806	1.902364

Sample Name: ICV Acquired: 8/22/2017 15:26:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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 1.811285	.0026820	1.734529	F 1.556342	1.706717	.0012810
Stddev	.001499	.0012626	.017732	.004755	.018574	.0000381
%RSD	.0827490	47.07532	1.022320	.3055547	1.088265	2.974353

#1	1.811588	.0041370	1.754449	1.559046	1.727543	.0013209
#2	1.812609	.0020339	1.720465	1.550851	1.691867	.0012450
#3	1.809658	.0018751	1.728673	1.559129	1.700741	.0012771

Elem	Sr4077
Units	ppm
Avg	.0016236
Stddev	.0000153
%RSD	.9445940

#1	.0016412
#2	.0016129
#3	.0016168

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	888.8951	1582.927	34986.49	7858.783	2985.754
Stddev	9.8903	2.908	414.65	99.615	4.318
%RSD	1.112646	.1836958	1.185182	1.267562	.1446366

#1	879.8078	1583.379	34651.50	7747.546	2983.477
#2	887.4485	1579.819	34857.71	7939.758	2983.051
#3	899.4289	1585.582	35450.25	7889.044	2990.735

Sample Name: ICB Acquired: 8/22/2017 15:30:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	.0024805	-.001412	-.000692	-.000082	-.001597	.0014385	-.001549
Stddev	.0010466	.001040	.000158	.002091	.001692	.0018475	.000280
%RSD	42.19447	73.68849	22.84976	2541.766	105.9208	128.4319	18.06645

#1	.0013832	-.000226	-.000844	.002071	.000192	-.000688	-.001607
#2	.0034678	-.001837	-.000529	-.000213	-.001813	.002356	-.001795
#3	.0025903	-.002172	-.000702	-.002105	-.003171	.002648	-.001245

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001533	.0000357	.0000067	.0002464	.0000798	.0003588	.0049457
Stddev	.0000424	.0000311	.0103724	.0000903	.0001471	.0008793	.0057246
%RSD	27.66264	87.17978	154599.0	36.62740	184.3591	245.0668	115.7486

#1	.0001083	.0000389	-.004699	.0001508	.0002090	-.000656	.0112618
#2	.0001924	.0000031	.011898	.0002585	.0001107	.000902	.0034764
#3	.0001591	.0000650	-.007178	.0003301	-.000080	.000830	.0000990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001959	.0123641	.0001293	-.000063	-.038620	-.000502	.0036555
Stddev	.0002836	.0200132	.0001504	.000243	.037351	.001462	.0024364
%RSD	144.7667	161.8656	116.3253	385.2606	96.71218	291.3351	66.65151

#1	.0004855	.0343890	.0001830	-.000049	-.065935	-.001349	.0035184
#2	.0001836	-.004707	.0002455	-.000313	.003942	.001187	.0012905
#3	-.000081	.007410	-.000041	.000172	-.053868	-.001343	.0061576

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2385335	.0001652	.0068063	-.000002	.0032255	-.001933	.0004322
Stddev	.0375458	.0001161	.0005006	.000228	.0030862	.000358	.0010757
%RSD	15.74029	70.26574	7.354226	14793.53	95.67997	18.50360	248.8956

#1	.2070270	.0000475	.0071791	.000044	-.000338	-.001965	.0008405
#2	.2284952	.0002795	.0062374	.000201	.005015	-.001561	-.000788
#3	.2800781	.0001684	.0070023	-.000249	.005000	-.002274	.001244

Sample Name: ICB Acquired: 8/22/2017 15:30:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	.0001580	.0010497	.0000861
Stddev	.0001892	.0000384	.0000033
%RSD	119.7777	3.658612	3.870013

#1	.0001987	.0010226	.0000859
#2	-.000048	.0010330	.0000829
#3	.000324	.0010937	.0000895

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	891.8711	1618.490	35333.04	7748.307	3184.262
Stddev	6.8577	10.775	178.11	53.046	14.339
%RSD	.7689067	.6657415	.5040844	.6846189	.4503177

#1	885.1764	1615.608	35150.37	7784.896	3180.060
#2	898.8809	1609.449	35506.21	7687.470	3172.494
#3	891.5559	1630.413	35342.53	7772.555	3200.233

Sample Name: ICSA Acquired: 8/22/2017 15:34:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	-.003282	-.010652	-.001237	-.006397	.0017231	242.5877
Stddev	.005521	.002926	.001646	.003304	.0016367	.1362
%RSD	168.2196	27.47181	133.1345	51.65399	94.98503	.0561350

#1	-.001644	-.013296	-.000776	-.004989	.0008794	242.4750
#2	.001235	-.007508	.000130	-.010171	.0036095	242.5492
#3	-.009436	-.011152	-.003064	-.004030	.0006804	242.7390

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033254	.0016404	.0005114	253.4941	.0434382	.0028044
Stddev	.0003864	.0001355	.0001112	.7417	.0003095	.0003327
%RSD	11.61868	8.261480	21.74807	.2926087	.7123993	11.86329

#1	.0031467	.0017615	.0004117	253.5046	.0433001	.0025851
#2	.0037687	.0014940	.0004911	254.2306	.0432218	.0026409
#3	.0030606	.0016657	.0006314	252.7472	.0437926	.0031872

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224695	104.6673	.0160482	265.4003	.0021910	.0009324
Stddev	.0011783	.2105	.0004224	.2052	.0008063	.0001887
%RSD	5.244090	.2011141	2.632283	.0773311	36.80137	20.23776

#1	.0238245	104.8730	.0160584	265.2595	.0019112	.0011132
#2	.0218997	104.6766	.0164655	265.3056	.0015619	.0007367
#3	.0216844	104.4523	.0156208	265.6358	.0031000	.0009473

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3066954	.0022543	.0059218	-.020020	-.015870	F -.279093
Stddev	.0798680	.0018479	.0026719	.026874	.000087	.000680
%RSD	26.04149	81.97237	45.11906	134.2357	.5450430	.2437163

#1	.2165490	.0021565	.0069479	-.022579	-.015859	-.278570
#2	.3686248	.0041491	.0028890	-.045523	-.015789	-.279862
#3	.3349123	.0004572	.0079286	.008042	-.015961	-.278848

Sample Name: ICSA Acquired: 8/22/2017 15:34:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	-.000257	.0140059	-.002446	-.003209	.0001722	.0008148
Stddev	.000857	.0035872	.001580	.000825	.0006192	.0000421
%RSD	334.0396	25.61207	64.57735	25.72422	359.6526	5.166206

#1	.000709	.0154819	-.000671	-.003028	.0004304	.0007950
#2	-.000553	.0166196	-.003697	-.002489	.0006204	.0007863
#3	-.000926	.0099162	-.002970	-.004109	-.000534	.0008632

Elem	Sr4077
Units	ppm
Avg	.0129908
Stddev	.0000331
%RSD	.2550289

#1	.0129570
#2	.0129922
#3	.0130233

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	796.5483	1414.265	31183.65	7316.037	2352.340
Stddev	3.2916	2.476	41.19	23.320	1.914
%RSD	.4132288	.1750936	.1320930	.3187549	.0813842

#1	794.9239	1414.161	31209.11	7289.495	2350.150
#2	800.3363	1411.842	31205.72	7325.374	2353.691
#3	794.3848	1416.791	31136.13	7333.242	2353.180

Sample Name: ICSAB Acquired: 8/22/2017 15:44:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	.1036699	.1076153	.0487060	.0392047	.5906036	243.7079
Stddev	.0062555	.0002018	.0019559	.0010500	.0031467	1.1871
%RSD	6.034053	.1875047	4.015705	2.678263	.5327912	.4870874

#1	.0964941	.1075040	.0509639	.0398661	.5914011	242.4794
#2	.1079737	.1078482	.0475327	.0379940	.5932749	243.7958
#3	.1065418	.1074936	.0476213	.0397541	.5871350	244.8486

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5170922	.4960511	.9699118	250.3127	.5078218	.4889844
Stddev	.0018544	.0008458	.0051794	1.1553	.0013914	.0022105
%RSD	.3586134	.1705168	.5340030	.4615260	.2739856	.4520655

#1	.5152700	.4953715	.9725803	249.1836	.5074662	.4910244
#2	.5170296	.4969984	.9732127	250.2620	.5066427	.4892930
#3	.5189771	.4957834	.9639424	251.4925	.5093564	.4866358

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5274852	103.6431	.5396195	263.5402	.9845279	.1939775
Stddev	.0029030	.3456	.0029355	1.5638	.0040768	.0016390
%RSD	.5503558	.3334262	.5439903	.5933902	.4140879	.8449582

#1	.5245201	103.2442	.5362299	261.7549	.9885328	.1940714
#2	.5303219	103.8338	.5413240	264.1984	.9846680	.1922936
#3	.5276137	103.8512	.5413047	264.6673	.9803828	.1955676

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3330830	.5265033	1.040804	-.104723	-.021243	F -.277479
Stddev	.0718334	.0054665	.009432	.033169	.000072	.000966
%RSD	21.56621	1.038268	.9061763	31.67268	.3402094	.3480292

#1	.2883918	.5205318	1.043545	-.092291	-.021215	-.278166
#2	.4159435	.5312606	1.030305	-.079567	-.021188	-.276375
#3	.2949137	.5277175	1.048561	-.142312	-.021325	-.277896

Sample Name: ICSAB Acquired: 8/22/2017 15:44:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) 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	.0028364	.0190322	.0020063	.0025766	.0038030	.0004854
Stddev	.0003615	.0085929	.0012427	.0005058	.0008844	.0000223
%RSD	12.74413	45.14926	61.93752	19.63208	23.25496	4.589150

#1	.0032538	.0134779	.0013459	.0031487	.0031477	.0004917
#2	.0026279	.0289297	.0034398	.0023925	.0048090	.0004607
#3	.0026275	.0146889	.0012334	.0021886	.0034524	.0005039

Elem	Sr4077
Units	ppm
Avg	.0135127
Stddev	.0000361
%RSD	.2670695

#1	.0134771
#2	.0135119
#3	.0135492

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	769.6633	1386.248	30877.24	7227.455	2333.143
Stddev	6.6502	5.932	204.71	17.525	12.401
%RSD	.8640372	.4278913	.6629683	.2424755	.5315006

#1	769.0994	1379.403	30937.74	7242.812	2319.903
#2	776.5775	1389.470	31044.87	7231.188	2335.038
#3	763.3130	1389.871	30649.10	7208.364	2344.486

Sample Name: CCV040 Acquired: 8/22/2017 15:48:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.025057	4.826778	24.14890	5.045641	5.066211	394.7160
Stddev	.061131	.031069	.21443	.044874	.050890	1.6675
%RSD	1.216522	.6436795	.8879307	.8893693	1.004491	.4224440

#1	5.075384	4.843570	24.19540	5.085509	5.102017	394.7989
#2	4.957029	4.790926	23.91503	4.997043	5.007957	393.0086
#3	5.042759	4.845838	24.33625	5.054369	5.088660	396.3404

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.997840	.4934804	2.485566	396.2821	14.31359	2.501939
Stddev	.061989	.0022580	.022800	.4124	.04862	.022140
%RSD	.6200261	.4575738	.9172950	.1040720	.3396491	.8849104

#1	10.04143	.4960712	2.487523	396.2905	14.36495	2.509231
#2	9.92688	.4919308	2.461850	395.8656	14.30753	2.477073
#3	10.02521	.4924393	2.507324	396.6903	14.26829	2.519513

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.20174	398.3533	14.66886	401.4845	2.483829	1.285248
Stddev	.00819	.2305	.00389	.3100	.024720	.002666
%RSD	.0538630	.0578621	.0265358	.0772047	.9952402	.2074254

#1	15.20944	398.5722	14.66494	401.4927	2.487647	1.288035
#2	15.20264	398.1128	14.66892	401.1705	2.457422	1.282722
#3	15.19314	398.3749	14.67272	401.7903	2.506418	1.284987

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.0266	2.454262	15.45375	151.3125	F 5.563941	F 4.118987
Stddev	.6366	.007195	.07481	.4064	.037919	.012264
%RSD	.1599290	.2931527	.4841159	.2686113	.6815087	.2977483

#1	397.6642	2.453948	15.38096	150.8512	5.592418	4.132334
#2	397.6541	2.447230	15.44984	151.6182	5.520900	4.108214
#3	398.7616	2.461609	15.53043	151.4681	5.578506	4.116414

Sample Name: CCV040 Acquired: 8/22/2017 15:48:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV040 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.040357	5.169132	4.817007	4.940522	4.937511	5.499582
Stddev	.035731	.033411	.018673	.032917	.010132	.035799
%RSD	.7089046	.6463539	.3876506	.6662717	.2052090	.6509388

#1	5.057684	5.194956	4.837909	4.938950	4.933897	5.534725
#2	4.999266	5.131398	4.811142	4.908419	4.929680	5.463161
#3	5.064122	5.181042	4.801970	4.974197	4.948954	5.500861

Elem	Sr4077
Units	ppm
Avg	5.209382
Stddev	.017971
%RSD	.3449799

#1	5.222659
#2	5.216555
#3	5.188932

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	676.2649	1230.015	28433.95	6936.591	1884.478
Stddev	1.0471	7.497	56.71	19.665	9.740
%RSD	.1548400	.6094838	.1994574	.2835006	.5168786

#1	677.4199	1224.091	28407.37	6914.273	1879.188
#2	675.3777	1238.443	28395.42	6951.376	1895.718
#3	675.9970	1227.509	28499.08	6944.125	1878.526

Sample Name: CCB040 Acquired: 8/22/2017 15:52:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029665	.0022177	-.001594	.0026257	-.000684	.0063726	-.001736
Stddev	.0015405	.0009846	.001034	.0031985	.000829	.0003192	.000102
%RSD	51.92758	44.39619	64.85329	121.8159	121.2164	5.008464	5.850033

#1	.0017343	.0032603	-.000697	.0036325	-.000014	.0067346	-.001844
#2	.0024717	.0020889	-.001361	.0051996	-.001612	.0062516	-.001722
#3	.0046936	.0013038	-.002724	-.000955	-.000426	.0061316	-.001642

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001071	.0000848	.0020834	.0002247	.0001725	.0016588	-.001492
Stddev	.0000463	.0000624	.0070751	.0001561	.0002664	.0011629	.000763
%RSD	43.26524	73.60974	339.5980	69.45223	154.3785	70.10394	51.11189

#1	.0001075	.0000233	-.002427	.0003250	.0000871	.0013983	-.000647
#2	.0000606	.0000829	.010238	.0000449	.0004711	.0006483	-.002128
#3	.0001532	.0001480	-.001561	.0003041	-.000041	.0029298	-.001701

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002000	.0136098	-.000038	-.000003	-.039950	.0013740	.0017472
Stddev	.0003272	.0088105	.000372	.000217	.023533	.0003559	.0022910
%RSD	163.6309	64.73620	989.9538	7852.597	58.90577	25.90160	131.1299

#1	.0003279	.0208458	-.000081	-.000094	-.013120	.0014981	.0041927
#2	.0004438	.0037987	.000354	.000245	-.049638	.0009727	.0013980
#3	-.000172	.0161848	-.000386	-.000160	-.057093	.0016512	-.000349

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2669445	.0001179	.0082498	.0000046	.0034925	-.002426	-.000654
Stddev	.0260348	.0002434	.0004917	.0002127	.0038990	.000742	.001297
%RSD	9.752909	206.3405	5.960231	4666.343	111.6410	30.58827	198.2992

#1	.2377932	.0001929	.0077415	-.000231	.0004822	-.003232	.000842
#2	.2751587	-.000154	.0087231	.000062	.0020983	-.002274	-.001468
#3	.2878814	.000315	.0082847	.000183	.0078969	-.001771	-.001336

Sample Name: CCB040 Acquired: 8/22/2017 15:52:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB040 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000969	.0013065	.0000916
Stddev	.0000822	.0000170	.0000016
%RSD	84.75449	1.298849	1.758914

#1	.0001212	.0013175	.0000934
#2	.0000054	.0013150	.0000903
#3	.0001642	.0012869	.0000910

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	867.4066	1561.026	34859.70	7686.083	3102.802
Stddev	2.9719	3.364	59.74	11.309	12.481
%RSD	.3426217	.2154838	.1713700	.1471354	.4022333

#1	864.0006	1561.772	34796.82	7673.891	3113.815
#2	869.4722	1557.352	34915.70	7688.130	3089.246
#3	868.7471	1563.955	34866.57	7696.229	3105.346

Sample Name: I4780-14 Acquired: 8/22/2017 15:56:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH66 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2297352	-.011754	7.714464	.0000623	.0274659	71.71540	1.935568
Stddev	.0086614	.003877	.161458	.0044408	.0014044	.02593	.003039
%RSD	3.770158	32.98366	2.092925	7122.664	5.113306	.0361593	.1570235

#1	.2379417	-.013178	7.807441	-.001982	.0270748	71.68783	1.935649
#2	.2305828	-.014718	7.807922	-.002988	.0290244	71.71909	1.938566
#3	.2206812	-.007366	7.528028	.005157	.0262984	71.73929	1.932489

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072855	.9418767	32.27339	.0820452	.1016781	1.849865	165.5464
Stddev	.0001246	.0181091	.11432	.0021049	.0025078	.003044	.5935
%RSD	1.710375	1.922658	.3542343	2.565588	2.466445	.1645670	.3585116

#1	.0073180	.9544542	32.14194	.0802939	.1033156	1.853145	164.8880
#2	.0071478	.9500549	32.32864	.0843805	.1029278	1.849318	165.7110
#3	.0073906	.9211210	32.34959	.0814611	.0987910	1.847131	166.0402

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.274890	22.35949	.1363618	.0221292	1.427382	.2222642	27.13798
Stddev	.011077	.00990	.0028536	.0002700	.047822	.0029587	.27325
%RSD	.2099919	.0442949	2.092670	1.220235	3.350355	1.331170	1.006897

#1	5.262107	22.35438	.1385861	.0219247	1.378333	.2192246	26.89817
#2	5.280892	22.37090	.1373550	.0224353	1.473876	.2251348	27.43547
#3	5.281670	22.35318	.1331443	.0220276	1.429936	.2224333	27.08030

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.19393	1.287638	-.405491	.0112191	4.372774	6.258038	.0771537
Stddev	.01705	.042048	.002357	.0003201	.107443	.056846	.0027648
%RSD	.0937278	3.265503	.5813158	2.852708	2.457098	.9083649	3.583550

#1	18.18753	1.327738	-.404071	.0114728	4.475340	6.239625	.0801959
#2	18.21325	1.291295	-.408212	.0113249	4.381939	6.321808	.0764713
#3	18.18099	1.243881	-.404190	.0108595	4.261041	6.212680	.0747940

Sample Name: I4780-14 Acquired: 8/22/2017 15:56:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH66 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9282336	.0072630	.0264226
Stddev	.0034192	.0000266	.0000334
%RSD	.3683534	.3662785	.1263096

#1	.9261311	.0072926	.0264149
#2	.9321789	.0072411	.0264592
#3	.9263907	.0072553	.0263938

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	898.3792	1634.911	37145.34	8626.106	2623.160
Stddev	7.2353	27.776	284.26	9.767	51.839
%RSD	.8053750	1.698900	.7652695	.1132310	1.976214

#1	904.2082	1621.687	37318.45	8634.447	2593.378
#2	890.2814	1616.218	36817.27	8628.510	2593.084
#3	900.6481	1666.828	37300.30	8615.361	2683.019

Sample Name: I4780-18 Acquired: 8/22/2017 16:00:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH70 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1969400	-.013281	5.534671	-.006266	.0206135	79.23384	1.793459
Stddev	.0027295	.002204	.047404	.000841	.0008263	.19493	.006708
%RSD	1.385943	16.59569	.8564979	13.42250	4.008378	.2460155	.3740279

#1	.1951565	-.013903	5.494568	-.006023	.0199017	79.17528	1.794752
#2	.1955813	-.015107	5.586987	-.007202	.0204192	79.45133	1.799427
#3	.2000821	-.010833	5.522459	-.005574	.0215196	79.07490	1.786199

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072106	.9014091	29.08253	.0826291	.1045720	1.235303	160.2064
Stddev	.0000958	.0078487	.10240	.0012231	.0006936	.005257	.4041
%RSD	1.328894	.8707153	.3521174	1.480170	.6632592	.4255931	.2522509

#1	.0072940	.8942614	29.01405	.0815275	.1046968	1.238192	159.8481
#2	.0071059	.9098084	29.03329	.0839453	.1051947	1.238482	160.1268
#3	.0072318	.9001575	29.20026	.0824147	.1038245	1.229234	160.6445

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.642587	24.12669	.1547668	.0177429	1.293699	.2267667	24.86305
Stddev	.019586	.13504	.0010932	.0002112	.053704	.0014753	.63174
%RSD	.3471172	.5597257	.7063547	1.190353	4.151182	.6505762	2.540881

#1	5.643189	23.97325	.1538446	.0175005	1.248688	.2270057	24.13492
#2	5.622706	24.22747	.1559744	.0178405	1.353145	.2251865	25.26547
#3	5.661865	24.17936	.1544814	.0178876	1.279263	.2281079	25.18875

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.02295	1.141460	-.395596	.0062525	3.260605	5.966338	.0739693
Stddev	.09466	.008333	.002594	.0005319	.031505	.135350	.0012115
%RSD	.5252458	.7300086	.6557756	8.506860	.9662406	2.268554	1.637885

#1	18.02980	1.135461	-.393392	.0062148	3.238910	5.811063	.0739760
#2	18.11400	1.150975	-.394941	.0068023	3.296742	6.059361	.0751774
#3	17.92505	1.137945	-.398455	.0057405	3.246163	6.028590	.0727544

Sample Name: I4780-18 Acquired: 8/22/2017 16:00:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH70 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7920181	.0079775	.0275199
Stddev	.0093986	.0000223	.0000564
%RSD	1.186669	.2790881	.2049367

#1	.7866825	.0079773	.0275038
#2	.8028702	.0079999	.0275826
#3	.7865016	.0079553	.0274733

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	918.9031	1640.573	37942.50	8696.791	2580.635
Stddev	23.6878	12.261	673.44	8.486	18.285
%RSD	2.577830	.7473769	1.774892	.0975758	.7085660

#1	946.1356	1637.748	38714.08	8702.386	2585.979
#2	903.0728	1629.970	37472.95	8700.960	2560.272
#3	907.5008	1654.000	37640.47	8687.027	2595.653

Sample Name: I4780-19 Acquired: 8/22/2017 16:04:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH71 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1927802	-.012761	5.222779	-.005485	.0206168	78.02452	1.738558
Stddev	.0016283	.001361	.018730	.000895	.0024313	1.47082	.033660
%RSD	.8446212	10.66501	.3586147	16.31587	11.79263	1.885076	1.936071

#1	.1946426	-.013952	5.211674	-.005199	.0217454	78.49076	1.744760
#2	.1916257	-.013054	5.244404	-.006488	.0222786	79.20571	1.768685
#3	.1920724	-.011277	5.212260	-.004768	.0178263	76.37709	1.702228

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071955	.8733033	28.42390	.0809632	.1047495	1.203025	160.2536
Stddev	.0000980	.0035618	.42064	.0005949	.0010123	.025925	2.5207
%RSD	1.361338	.4078495	1.479870	.7347756	.9664100	2.155016	1.572945

#1	.0072327	.8722463	28.67248	.0816227	.1041253	1.210861	161.6955
#2	.0070844	.8772739	28.66100	.0808000	.1059175	1.224128	161.7222
#3	.0072694	.8703897	27.93824	.0804669	.1042058	1.174085	157.3429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.500120	23.93645	.1524238	.0167391	1.290410	.2230187	24.15088
Stddev	.083827	.46392	.0012897	.0003563	.040691	.0015581	.09675
%RSD	1.524096	1.938123	.8461125	2.128367	3.153359	.6986228	.4006025

#1	5.562808	24.07306	.1528779	.0167702	1.325093	.2241783	24.03924
#2	5.532648	24.31673	.1534249	.0170787	1.300520	.2236301	24.21043
#3	5.404904	23.41957	.1509685	.0163682	1.245617	.2212476	24.20295

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.74725	1.096428	-.399062	.0058532	2.976042	5.108051	.0638811
Stddev	.45752	.002282	.006161	.0005847	.013270	.094103	.0010977
%RSD	2.577990	.2081342	1.543983	9.989097	.4458917	1.842247	1.718327

#1	17.82779	1.096899	-.402254	.0057926	2.986253	5.187496	.0651482
#2	18.15915	1.098437	-.402972	.0064659	2.980831	5.132528	.0632195
#3	17.25480	1.093946	-.391959	.0053013	2.961043	5.004128	.0632757

Sample Name: I4780-19 Acquired: 8/22/2017 16:04:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH71 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7497621	.0078871	.0268180
Stddev	.0134913	.0001560	.0004835
%RSD	1.799417	1.978405	1.802710

#1	.7534625	.0079528	.0269915
#2	.7610171	.0079996	.0271907
#3	.7348067	.0077090	.0262717

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	915.3790	1641.883	37695.49	8750.331	2595.632
Stddev	3.1758	8.734	64.94	130.632	13.937
%RSD	.3469383	.5319273	.1722786	1.492879	.5369392

#1	919.0456	1644.875	37622.42	8678.634	2599.122
#2	913.5989	1632.047	37717.39	8671.247	2580.282
#3	913.4925	1648.728	37746.64	8901.111	2607.493

Sample Name: I4785-21 Acquired: 8/22/2017 16:08:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGY4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0829702	-.014018	.7002539	-.005259	.0051616	80.31784	2.176605
Stddev	.0045005	.002514	.0042880	.004122	.0003543	.08625	.005481
%RSD	5.424237	17.93380	.6123430	78.38880	6.864003	.1073839	.2518277

#1	.0792127	-.016905	.7040780	-.004922	.0047921	80.30129	2.182654
#2	.0817399	-.012314	.7010657	-.001315	.0051941	80.41116	2.175194
#3	.0879579	-.012835	.6956181	-.009540	.0054985	80.24107	2.171967

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073445	.0781761	70.33676	.1063575	.1017473	.3310066	151.3348
Stddev	.0000594	.0001069	.34785	.0006869	.0002520	.0004810	.5740
%RSD	.8082214	.1367578	.4945448	.6458107	.2476974	.1453035	.3792754

#1	.0073239	.0782340	69.99145	.1070396	.1015414	.3307223	150.7967
#2	.0074114	.0782416	70.68709	.1056660	.1020283	.3307355	151.9389
#3	.0072982	.0780527	70.33174	.1063669	.1016721	.3315619	151.2687

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.589038	34.52507	.1986553	.0029050	1.134172	.2349478	3.869603
Stddev	.035806	.09628	.0005799	.0002513	.021862	.0009496	.024312
%RSD	.4718127	.2788606	.2919157	8.649436	1.927617	.4041728	.6282794

#1	7.554995	34.42187	.1980479	.0026209	1.132528	.2356221	3.849324
#2	7.626379	34.61248	.1992032	.0029961	1.113178	.2353595	3.896554
#3	7.585739	34.54084	.1987148	.0030980	1.156810	.2338618	3.862930

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.26987	1.007806	-.365369	.0019316	3.094319	5.054461	.0156571
Stddev	.05824	.004056	.001399	.0006230	.011282	.043319	.0027774
%RSD	.2738168	.4024291	.3828769	32.25337	.3645979	.8570469	17.73922

#1	21.24957	1.011862	-.364755	.0024749	3.107346	5.064018	.0171415
#2	21.33555	1.003751	-.366970	.0020681	3.087858	5.007161	.0173770
#3	21.22450	1.007804	-.364382	.0012516	3.087753	5.092203	.0124529

Sample Name: I4785-21 Acquired: 8/22/2017 16:08:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGY4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7106862	.0087269	.0402842
Stddev	.0046231	.0000940	.0001148
%RSD	.6505105	1.077555	.2849830

#1	.7068416	.0086648	.0403619
#2	.7158158	.0086809	.0403385
#3	.7094011	.0088351	.0401524

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	900.4927	1619.525	37282.00	8679.165	2526.600
Stddev	2.5004	6.535	64.10	34.060	10.382
%RSD	.2776670	.4035391	.1719370	.3924322	.4108966

#1	897.6078	1617.365	37224.39	8698.746	2515.192
#2	902.0331	1626.867	37270.55	8639.836	2535.494
#3	901.8373	1614.344	37351.05	8698.913	2529.115

Sample Name: I4787-11 Acquired: 8/22/2017 16:12:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH75 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2181374	-.013219	6.501015	.0003035	.0226263	75.29610	1.645547
Stddev	.0018883	.000946	.002756	.0011747	.0013464	.16847	.004679
%RSD	.8656479	7.153994	.0423944	387.0044	5.950529	.2237375	.2843363

#1	.2186075	-.013292	6.499260	-.000253	.0227435	75.36400	1.649666
#2	.2160585	-.012239	6.499594	-.000489	.0212252	75.10428	1.640460
#3	.2197462	-.014126	6.504192	.001653	.0239103	75.42002	1.646515

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070914	.7678328	25.87696	.0724532	.0966642	1.480217	157.8704
Stddev	.0001462	.0003633	.07114	.0007911	.0003847	.004442	.3150
%RSD	2.062174	.0473121	.2749128	1.091815	.3979805	.3000653	.1995399

#1	.0071282	.7682502	25.79508	.0718855	.0966877	1.483775	157.5505
#2	.0072157	.7676604	25.91228	.0733568	.0962683	1.481638	158.1803
#3	.0069303	.7675878	25.92354	.0721174	.0970367	1.475239	157.8804

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.720543	22.30671	.1490051	.0211375	1.289573	.2166525	24.12209
Stddev	.014023	.03220	.0005853	.0002240	.054082	.0028251	.15419
%RSD	.2970559	.1443488	.3927738	1.059673	4.193798	1.303963	.6391981

#1	4.706456	22.27206	.1485112	.0208795	1.304491	.2152292	23.96235
#2	4.734501	22.31237	.1496515	.0212508	1.229597	.2199061	24.13387
#3	4.720671	22.33571	.1488527	.0212822	1.334630	.2148222	24.27006

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.14474	1.035241	-.399701	.0086361	2.627790	4.094864	.0771010
Stddev	.08523	.002049	.002442	.0000618	.007019	.065389	.0011202
%RSD	.5627405	.1978875	.6109266	.7156681	.2671205	1.596850	1.452870

#1	15.22685	1.036164	-.399939	.0086586	2.633758	4.039688	.0758102
#2	15.05671	1.036664	-.402016	.0086836	2.629556	4.167089	.0778181
#3	15.15066	1.032893	-.397149	.0085662	2.620056	4.077816	.0776748

Sample Name: I4787-11 Acquired: 8/22/2017 16:12:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH75 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7034412	.0076993	.0253152
Stddev	.0010135	.0000158	.0000798
%RSD	.1440718	.2054089	.3150471

#1	.7040893	.0076884	.0254073
#2	.7039611	.0077174	.0252698
#3	.7022733	.0076919	.0252685

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	903.1019	1629.077	37206.61	8600.237	2599.762
Stddev	2.1836	1.883	87.35	20.314	5.037
%RSD	.2417928	.1155589	.2347676	.2362003	.1937396

#1	904.2291	1627.183	37269.92	8592.615	2594.218
#2	904.4916	1629.102	37242.95	8584.837	2604.056
#3	900.5850	1630.947	37106.95	8623.260	2601.012

Sample Name: I4868-01DLX10 Acquired: 8/22/2017 16:16:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0520291	-.000496	.4870317	.0029663	.0080675	.2103720	.0002921
Stddev	.0035133	.000347	.0042493	.0014107	.0006101	.0033007	.0002290
%RSD	6.752563	69.92756	.8724986	47.55544	7.562427	1.568961	78.38544

#1	.0549960	-.000350	.4848534	.0022209	.0084009	.2141809	.0002164
#2	.0481495	-.000247	.4919285	.0045933	.0084384	.2085845	.0001106
#3	.0529418	-.000893	.4843132	.0020848	.0073634	.2083506	.0005494

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004325	.0031320	202.0558	.0050475	.0104099	.1232329	19.84551
Stddev	.0000648	.0001220	.3706	.0004796	.0003732	.0010472	.05702
%RSD	14.99144	3.894858	.1834361	9.501098	3.585098	.8497848	.2873066

#1	.0004643	.0031410	201.6878	.0051310	.0103317	.1241240	19.77968
#2	.0003579	.0030057	202.0505	.0045316	.0108160	.1234953	19.87921
#3	.0004753	.0032492	202.4290	.0054798	.0100820	.1220794	19.87764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4669493	121.3708	.0122365	.0003817	.0430838	.0363032	.3561666
Stddev	.0021584	.2395	.0005200	.0002410	.0798730	.0015594	.0034484
%RSD	.4622393	.1973386	4.249301	63.14677	185.3898	4.295432	.9682053

#1	.4649995	121.0954	.0128345	.0001123	.0067800	.0377741	.3530283
#2	.4692686	121.4857	.0118904	.0004558	-.012189	.0346683	.3556133
#3	.4665797	121.5311	.0119847	.0005770	.134661	.0364672	.3598582

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2309032	.0137741	-.051107	.0033740	.0777083	.2262794	-.005073
Stddev	.0231028	.0003296	.000948	.0002586	.0063051	.0020729	.002494
%RSD	10.00542	2.392797	1.854563	7.665366	8.113760	.9160865	49.16835

#1	.2200132	.0134917	-.050429	.0036433	.0842269	.2273244	-.007562
#2	.2574384	.0141362	-.052190	.0031276	.0772570	.2276219	-.005082
#3	.2152580	.0136942	-.050703	.0033510	.0716410	.2238920	-.002574

Sample Name: I4868-01DLX10 Acquired: 8/22/2017 16:16:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAGH2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021791	.0006480	.0035525
Stddev	.0002973	.0000373	.0000061
%RSD	13.64158	5.757311	.1715012

#1	.0024218	.0006217	.0035595
#2	.0018476	.0006907	.0035497
#3	.0022679	.0006316	.0035483

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	776.1118	1401.488	31395.12	7417.085	2522.993
Stddev	8.5727	9.436	174.94	25.722	16.604
%RSD	1.104574	.6732740	.5572218	.3467992	.6580952

#1	771.3712	1398.790	31497.45	7396.185	2517.287
#2	770.9563	1393.694	31193.12	7409.258	2509.996
#3	786.0078	1411.978	31494.78	7445.812	2541.698

Sample Name: I4868-02DLX10 Acquired: 8/22/2017 16:20:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0579955	-.001578	.0514227	.0027199	.0123197	1.691060	.1429353
Stddev	.0029403	.001116	.0017018	.0016362	.0018463	.006377	.0004893
%RSD	5.069933	70.72755	3.309512	60.15594	14.98664	.3771119	.3423041

#1	.0577361	-.002600	.0509200	.0009747	.0129779	1.685785	.1431769
#2	.0551934	-.000387	.0533193	.0042191	.0102345	1.698147	.1432568
#3	.0610569	-.001748	.0500288	.0029658	.0137468	1.689247	.1423722

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004405	.0474251	73.47566	.7213914	.0583160	3.629628	14.13012
Stddev	.0000633	.0001586	.38919	.0010427	.0005129	.007835	.03619
%RSD	14.38107	.3344242	.5296900	.1445446	.8795048	.2158750	.2561110

#1	.0003690	.0474718	73.20600	.7225576	.0577261	3.623515	14.12906
#2	.0004897	.0475551	73.29914	.7210676	.0585658	3.638461	14.09447
#3	.0004626	.0472484	73.92183	.7205490	.0586562	3.626909	14.16682

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2191191	34.70769	.7332745	.0016559	.1570339	.0259037	.1279370
Stddev	.0004215	.08252	.0015664	.0003166	.0088168	.0009147	.0033556
%RSD	.1923652	.2377630	.2136197	19.11779	5.614584	3.531125	2.622853

#1	.2192903	34.66764	.7338302	.0013116	.1618509	.0266957	.1289727
#2	.2186390	34.65283	.7344873	.0017218	.1623928	.0261129	.1241857
#3	.2194281	34.80259	.7315060	.0019343	.1468579	.0249025	.1306527

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8562209	-.001988	-.032824	.0013384	.1360484	.4419469	-.003463
Stddev	.0309831	.000172	.000581	.0004583	.0011891	.0012153	.000148
%RSD	3.618585	8.636167	1.770139	34.24100	.8740360	.2749941	4.279696

#1	.8205301	-.001972	-.032248	.0011707	.1357876	.4410821	-.003622
#2	.8719262	-.002167	-.032813	.0018569	.1350113	.4433365	-.003441
#3	.8762063	-.001825	-.033410	.0009876	.1373463	.4414222	-.003328

Sample Name: I4868-02DLX10 Acquired: 8/22/2017 16:20:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAGH1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0570718	.0006883	.0061741
Stddev	.0005036	.0000245	.0000076
%RSD	.8824091	3.558748	.1232392

#1	.0575298	.0006646	.0061786
#2	.0565325	.0007135	.0061783
#3	.0571530	.0006867	.0061653

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	818.5744	1473.510	33051.72	7553.901	2769.730
Stddev	2.0221	1.747	52.58	6.225	3.191
%RSD	.2470229	.1185298	.1590984	.0824018	.1152278

#1	820.7960	1475.190	33008.05	7559.456	2770.324
#2	818.0857	1473.637	33110.09	7547.174	2766.283
#3	816.8414	1471.704	33037.03	7555.073	2772.583

Sample Name: I4868-09A Acquired: 8/22/2017 16:24:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH9A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0263734	-.005035	.1053549	-.003570	.1435654	56.19739	.2261950
Stddev	.0004096	.001921	.0018368	.002457	.0024537	.82525	.0038499
%RSD	1.553199	38.14663	1.743420	68.82484	1.709110	1.468480	1.702042

#1	.0259946	-.004071	.1052014	-.002905	.1461115	55.81761	.2239195
#2	.0263175	-.007247	.1035997	-.001515	.1412160	57.14415	.2306401
#3	.0268081	-.003787	.1072636	-.006292	.1433688	55.63040	.2240253

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025788	.0008496	3.461159	.1156722	.0137581	.0755897	111.8903
Stddev	.0000361	.0001526	.049440	.0004861	.0001562	.0015385	1.7443
%RSD	1.398504	17.96518	1.428433	.4202109	1.135086	2.035305	1.558930

#1	.0025679	.0007424	3.440492	.1152579	.0138013	.0773560	111.2245
#2	.0026190	.0010243	3.517580	.1155514	.0135849	.0748710	113.8695
#3	.0025494	.0007820	3.425406	.1162073	.0138881	.0745421	110.5770

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.320328	1.178715	.0145993	.0011379	.3932221	.2457004	.1637210
Stddev	.019816	.008180	.0005808	.0004730	.0257851	.0050030	.0031950
%RSD	1.500866	.6939708	3.978219	41.56670	6.557387	2.036234	1.951494

#1	1.314637	1.177566	.0139914	.0006348	.4224937	.2445424	.1669537
#2	1.342367	1.187408	.0146580	.0015735	.3833032	.2511809	.1636442
#3	1.303980	1.171170	.0151485	.0012055	.3738694	.2413780	.1605650

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.354490	.1732963	-.292555	.0016875	.3829303	7.966453	.0121718
Stddev	.027908	.0012302	.004280	.0002329	.0040486	.100510	.0010307
%RSD	2.060370	.7098990	1.462968	13.80382	1.057260	1.261666	8.467947

#1	1.357904	.1744990	-.291798	.0015541	.3850361	7.904083	.0125762
#2	1.380534	.1720402	-.297163	.0015520	.3782628	8.082401	.0129390
#3	1.325033	.1733498	-.288704	.0019565	.3854920	7.912876	.0110002

Sample Name: I4868-09A Acquired: 8/22/2017 16:24:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAGH9A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5499681	.0018636	.0038320
Stddev	.0126460	.0000359	.0000535
%RSD	2.299407	1.928165	1.395232

#1	.5439785	.0018878	.0038155
#2	.5644961	.0018807	.0038917
#3	.5414297	.0018223	.0037887

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	852.6837	1532.697	34735.14	7822.336	2812.953
Stddev	3.3474	1.378	92.24	100.016	5.661
%RSD	.3925710	.0899361	.2655561	1.278601	.2012334

#1	851.6670	1533.356	34665.22	7851.004	2809.389
#2	849.9625	1533.622	34700.51	7711.115	2819.480
#3	856.4216	1531.113	34839.68	7904.887	2809.990

Sample Name: I4801-20A Acquired: 8/22/2017 16:28:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD7A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2543083	-.010855	1.913835	-.001541	.0057907	80.08398	2.354715
Stddev	.0022464	.003152	.010348	.004409	.0016112	.08069	.002884
%RSD	.8833504	29.03214	.5407048	286.0547	27.82436	.1007544	.1224676

#1	.2553326	-.013661	1.902214	.003185	.0057616	80.10883	2.352479
#2	.2517322	-.007445	1.917236	-.002266	.0074164	80.14932	2.357970
#3	.2558600	-.011460	1.922055	-.005542	.0041943	79.99379	2.353696

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102980	.0308143	81.00290	.1022682	.0939836	.5318330	212.6461
Stddev	.0001262	.0001184	.28980	.0008343	.0003580	.0027010	.4631
%RSD	1.225088	.3843470	.3577634	.8157576	.3809477	.5078636	.2177916

#1	.0103006	.0307965	81.23447	.1014321	.0936732	.5314918	213.0686
#2	.0104228	.0309406	81.09631	.1031006	.0939023	.5346884	212.7186
#3	.0101706	.0307057	80.67791	.1022720	.0943753	.5293188	212.1509

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.153975	33.42468	.2308507	.0045785	2.367234	.2504859	5.367525
Stddev	.004168	.06124	.0003078	.0002128	.066140	.0007198	.028434
%RSD	.0808787	.1832237	.1333280	4.647744	2.793990	.2873415	.5297485

#1	5.157831	33.47198	.2305842	.0044683	2.441256	.2503117	5.336603
#2	5.154541	33.44654	.2307803	.0044433	2.346507	.2512768	5.392545
#3	5.149552	33.35550	.2311876	.0048238	2.313940	.2498693	5.373428

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.66807	1.014848	-.434419	.0210840	15.95065	17.57753	.0738089
Stddev	.03155	.002419	.002552	.0002091	.03343	.01906	.0004745
%RSD	.1892602	.2383662	.5874505	.9917048	.2096149	.1084414	.6428190

#1	16.63271	1.013312	-.437236	.0212908	15.94736	17.57538	.0740698
#2	16.67817	1.013595	-.432261	.0210886	15.91898	17.59757	.0740958
#3	16.69333	1.017636	-.433761	.0208727	15.98561	17.55963	.0732613

Sample Name: I4801-20A Acquired: 8/22/2017 16:28:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD7A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.018522	.0087795	.0537428
Stddev	.001001	.0000286	.0001437
%RSD	.0982913	.3258923	.2674518

#1	1.019122	.0087507	.0536978
#2	1.017367	.0087798	.0539036
#3	1.019079	.0088080	.0536269

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	899.2531	1618.537	37203.13	8601.287	2495.912
Stddev	5.2948	3.093	30.57	23.261	2.737
%RSD	.5887960	.1911204	.0821829	.2704311	.1096762

#1	902.2437	1615.465	37229.22	8583.319	2493.780
#2	893.1398	1621.651	37169.49	8592.982	2498.999
#3	902.3760	1618.495	37210.67	8627.560	2494.955

Sample Name: I4802-03A Acquired: 8/22/2017 16:32:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHE0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3241253	-.022252	3.548248	-.006792	.0112527	94.84188	3.451904
Stddev	.0034504	.001675	.013102	.000341	.0023734	1.37044	.052326
%RSD	1.064521	7.528613	.3692542	5.016501	21.09151	1.444974	1.515850

#1	.3216200	-.022309	3.536477	-.007118	.0087038	94.80154	3.445101
#2	.3226951	-.020549	3.545902	-.006818	.0116554	96.23205	3.507298
#3	.3280608	-.023898	3.562364	-.006438	.0133990	93.49206	3.403312

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133157	.0696720	59.14043	.1186714	.1032272	1.472053	251.8716
Stddev	.0001542	.0005729	.71371	.0008331	.0002792	.020888	2.7069
%RSD	1.158171	.8222217	1.206805	.7020140	.2705101	1.418955	1.074722

#1	.0133718	.0691730	59.16850	.1194321	.1032333	1.470778	251.9239
#2	.0134341	.0695453	59.83969	.1177811	.1029449	1.493550	254.5520
#3	.0131413	.0702975	58.41310	.1188009	.1035033	1.451833	249.1389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.816358	23.49041	.2283930	.0072600	1.967550	.2933470	8.554404
Stddev	.072601	.39556	.0005432	.0003418	.040042	.0028981	.023015
%RSD	1.248223	1.683925	.2378315	4.708463	2.035122	.9879398	.2690369

#1	5.828211	23.56903	.2288362	.0071990	1.922829	.2918797	8.533895
#2	5.882304	23.84076	.2277870	.0076282	2.000079	.2966853	8.550023
#3	5.738560	23.06145	.2285559	.0069527	1.979743	.2914759	8.579294

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.44694	1.602803	-.534283	.0435946	5.428750	4.371240	.0872411
Stddev	.32663	.003236	.005634	.0005201	.030014	.062861	.0010694
%RSD	1.770656	.2018872	1.054474	1.193065	.5528779	1.438069	1.225820

#1	18.48433	1.604437	-.536797	.0433164	5.421148	4.386117	.0871201
#2	18.75327	1.599077	-.538222	.0432726	5.403268	4.425328	.0862373
#3	18.10323	1.604897	-.527830	.0441946	5.461835	4.302275	.0883658

Sample Name: I4802-03A Acquired: 8/22/2017 16:32:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METHE0A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8172569	.0086291	.0548358
Stddev	.0100177	.0001644	.0007323
%RSD	1.225768	1.905691	1.335484

#1	.8172853	.0086120	.0548273
#2	.8272603	.0088014	.0555723
#3	.8072251	.0084738	.0541078

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	912.1551	1648.181	37707.56	8647.587	2501.251
Stddev	1.5569	12.973	157.46	114.275	7.425
%RSD	.1706810	.7870845	.4175856	1.321465	.2968569

#1	911.3372	1633.507	37543.63	8615.606	2493.466
#2	913.9505	1658.124	37721.42	8552.710	2508.254
#3	911.1777	1652.912	37857.64	8774.445	2502.033

Sample Name: CCV041 Acquired: 8/22/2017 16:38:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.049262	4.853514	24.20539	5.106172	5.131990	397.4041
Stddev	.047773	.017224	.07010	.046027	.036762	4.6057
%RSD	.9461339	.3548686	.2896179	.9013912	.7163387	1.158940

#1	4.994225	4.838710	24.14159	5.053252	5.089790	394.4942
#2	5.073552	4.872417	24.28044	5.136881	5.157078	402.7141
#3	5.080010	4.849416	24.19416	5.128384	5.149101	395.0039

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.04197	.4921021	2.484236	395.6437	14.18669	2.507548
Stddev	.02036	.0026425	.007363	1.6103	.23111	.008190
%RSD	.2027095	.5369763	.2963782	.4070086	1.629093	.3266205

#1	10.03996	.4890590	2.478509	393.8788	13.94556	2.499840
#2	10.06326	.4938169	2.492541	397.0330	14.40627	2.516148
#3	10.02269	.4934303	2.481656	396.0194	14.20824	2.506657

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.21064	396.6900	14.60406	401.3376	2.492693	1.277653
Stddev	.08146	1.7492	.04669	1.2215	.010695	.017377
%RSD	.5355539	.4409412	.3196734	.3043572	.4290663	1.360066

#1	15.11796	394.8720	14.56274	400.0434	2.480442	1.261359
#2	15.27090	398.3611	14.65471	402.4703	2.500172	1.295940
#3	15.24305	396.8368	14.59474	401.4990	2.497464	1.275660

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.9198	2.459506	15.30309	151.4268	F 5.655067	F 4.095098
Stddev	1.6635	.011684	.27291	.5954	.022954	.015737
%RSD	.4149228	.4750629	1.783366	.3931821	.4059032	.3842881

#1	399.1226	2.448004	15.13235	150.7546	5.633497	4.077201
#2	402.4056	2.471364	15.61784	151.8878	5.679192	4.106772
#3	401.2312	2.459150	15.15909	151.6378	5.652512	4.101320

Sample Name: CCV041 Acquired: 8/22/2017 16:38:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV041 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.105156	5.248174	4.784397	4.962478	4.952500	5.590046
Stddev	.039141	.026543	.022194	.023015	.017669	.050333
%RSD	.7666882	.5057567	.4638861	.4637722	.3567600	.9003954

#1	5.060183	5.227913	4.760601	4.938912	4.935334	5.647180
#2	5.131521	5.278221	4.804534	4.984898	4.970631	5.552251
#3	5.123765	5.238389	4.788057	4.963624	4.951536	5.570706

Elem	Sr4077
Units	ppm
Avg	5.227909
Stddev	.011907
%RSD	.2277634

#1	5.216914
#2	5.240556
#3	5.226258

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	673.9955	1212.866	28419.07	6902.452	1864.797
Stddev	13.1292	10.245	375.19	22.720	8.850
%RSD	1.947963	.8446816	1.320217	.3291552	.4745601

#1	679.6678	1224.604	28746.07	6919.083	1875.013
#2	658.9838	1208.268	28009.45	6876.565	1859.506
#3	683.3350	1205.725	28501.67	6911.707	1859.872

Sample Name: CCB041 Acquired: 8/22/2017 16:42:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014279	.0013916	-.001112	.0033765	-.000380	-.001978	-.002282
Stddev	.0019907	.0013748	.001045	.0018840	.001358	.002518	.001219
%RSD	139.4145	98.79405	93.92057	55.79668	356.9317	127.3156	53.40814

#1	.0015942	-.000139	-.000451	.0026933	-.001663	-.004872	-.001465
#2	-.000641	.002522	-.002316	.0055068	-.000520	-.000777	-.003683
#3	.003330	.001792	-.000569	.0019295	.001042	-.000285	-.001698

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001803	.0000863	.0079933	.0000279	.0003804	.0005714	.0006676
Stddev	.0000914	.0000922	.0002207	.0000746	.0000967	.0008240	.0015094
%RSD	50.69116	106.8308	2.760844	267.5648	25.43103	144.2059	226.1105

#1	.0001731	.0000252	.0082478	.0000390	.0002857	.0007084	.0017199
#2	.0000927	.0000414	.0078546	.0000963	.0003763	.0013183	-.001062
#3	.0002750	.0001924	.0078776	-.000052	.0004791	-.000313	.001345

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001890	.0151197	.0002176	.0001730	-.043606	.0003824	.0033803
Stddev	.0003654	.0065890	.0002264	.0001913	.010347	.0030175	.0015723
%RSD	193.3397	43.57938	104.0409	110.5856	23.72875	789.1901	46.51421

#1	.0005631	.0226364	-.000044	.0003905	-.046690	-.000693	.0048811
#2	.0001707	.0103417	.000350	.0000303	-.032067	-.001951	.0017451
#3	-.000167	.0123809	.000347	.0000983	-.052060	.003790	.0035146

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2590394	-.000012	.0054900	.0001292	.0029331	-.002075	-.000125
Stddev	.0321686	.000101	.0001796	.0002462	.0013723	.000508	.000352
%RSD	12.41841	816.3532	3.271200	190.5308	46.78724	24.46444	281.2266

#1	.2237670	.000003	.0056637	.0001536	.0044464	-.001756	.000164
#2	.2867607	.000080	.0055014	.0003624	.0025837	-.001809	-.000023
#3	.2665903	-.000120	.0053050	-.000128	.0017693	-.002661	-.000518

Sample Name: CCB041 Acquired: 8/22/2017 16:42:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v136) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB041 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000377	.0010758	.0000890
Stddev	.000417	.0000118	.0000017
%RSD	110.6359	1.094121	1.856474

#1	-.000169	.0010787	.0000899
#2	-.000105	.0010859	.0000871
#3	-.000856	.0010629	.0000900

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	862.5759	1545.783	35056.56	7643.734	3099.448
Stddev	9.5940	3.211	339.61	190.566	3.287
%RSD	1.112255	.2077156	.9687552	2.493105	.1060363

#1	857.2421	1542.088	34878.57	7823.714	3095.720
#2	856.8340	1547.894	34842.95	7444.104	3100.698
#3	873.6517	1547.367	35448.17	7663.384	3101.927