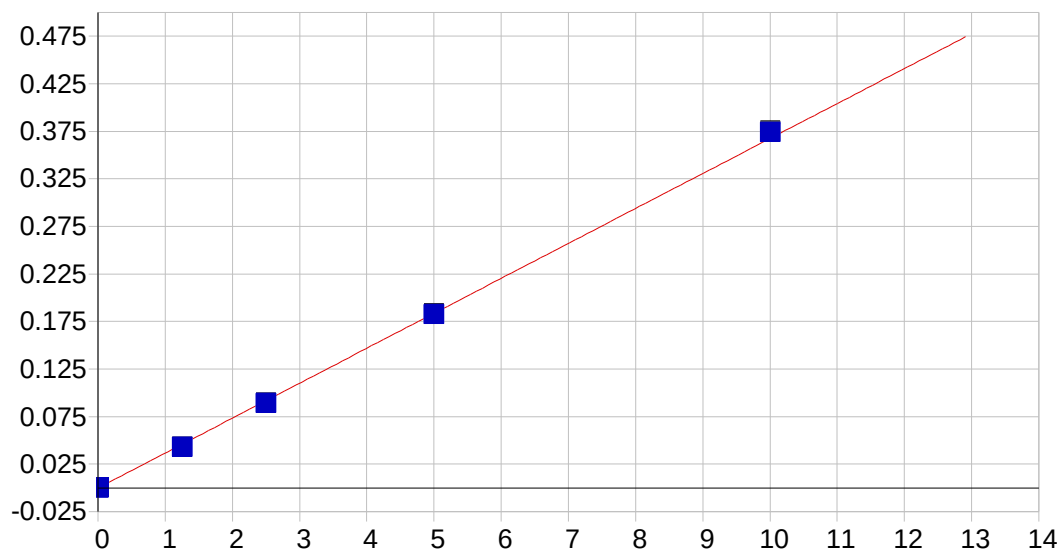


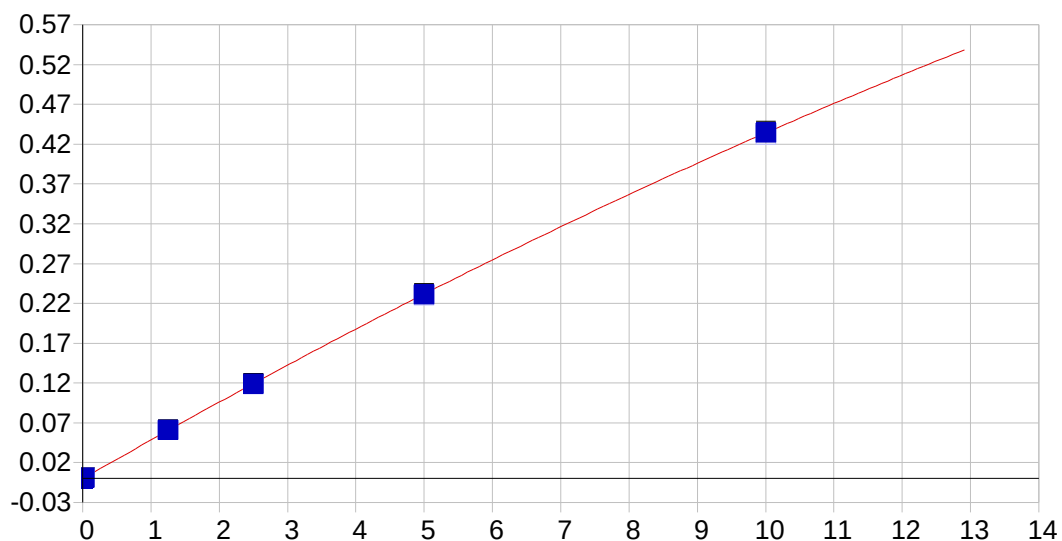


As 189.042 {479}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000185 Re-Slope: 1.000000
 A1 (Gain): 0.036761 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999723 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.003599
 Predicted MQL: 0.011998

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.01000	.01026	.000	2.60	.00019	.000	1
S2	1.2500	1.1703	-.080	-6.38	.04284	.000	1
S3	2.5000	2.4293	-.071	-2.83	.08913	.000	1
S4	5.0000	4.9724	-.028	-.551	.18264	.001	1
S5	10.000	10.178	.178	1.78	.37402	.002	1

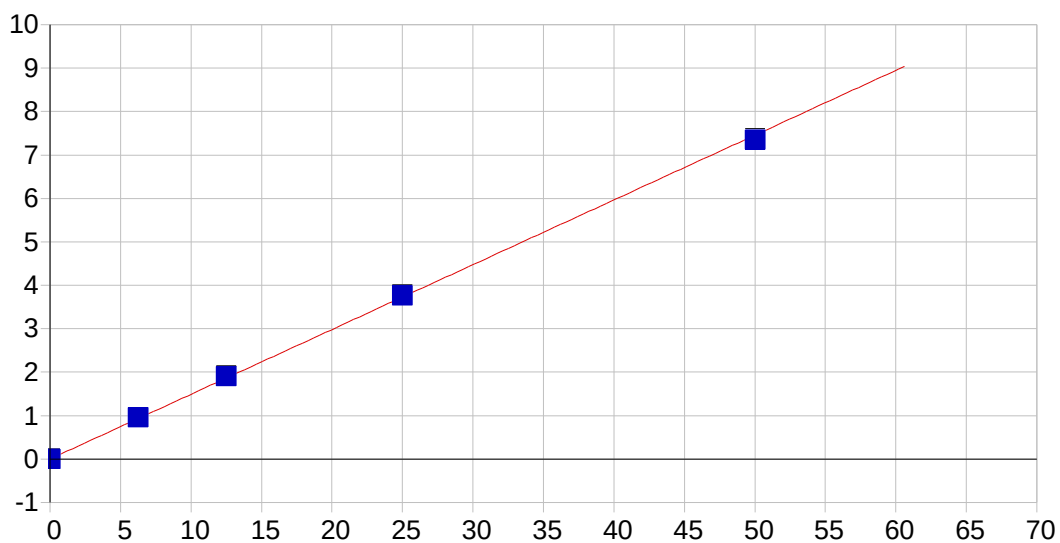


TI 190.856 {477}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000300 Re-Slope: 1.000000
 A1 (Gain): 0.049366 Y-int: 0.000000
 A2 (Curvature): -0.000592
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.001974
 Predicted MQL: 0.006579

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00030	.000	1
S1	.02500	.02801	.003	12.0	.00106	.000	1
S2	1.2500	1.2617	.012	.937	.06067	.001	1
S3	2.5000	2.4929	-.007	-.286	.11834	.001	1
S4	5.0000	4.9821	-.018	-.358	.22947	.001	1
S5	10.000	10.011	.011	.107	.43159	.002	1

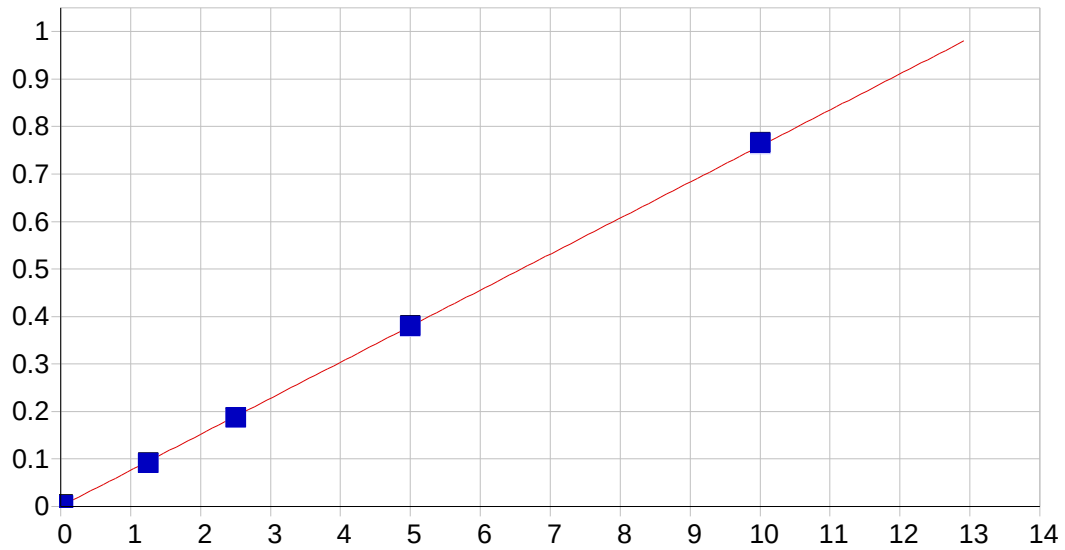


Pb 220.353 {453}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000398 Re-Slope: 1.000000
 A1 (Gain): 0.149146 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.001582
 Predicted MQL: 0.005273

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00040	.000	1
S1	.01000	.00950	.000	-4.97	.00103	.000	1
S2	6.2500	6.4180	.168	2.69	.95828	.001	1
S3	12.500	12.788	.288	2.31	1.9098	.003	1
S4	25.000	25.252	.252	1.01	3.7717	.010	1
S5	50.000	49.292	-.708	-1.42	7.3630	.016	1

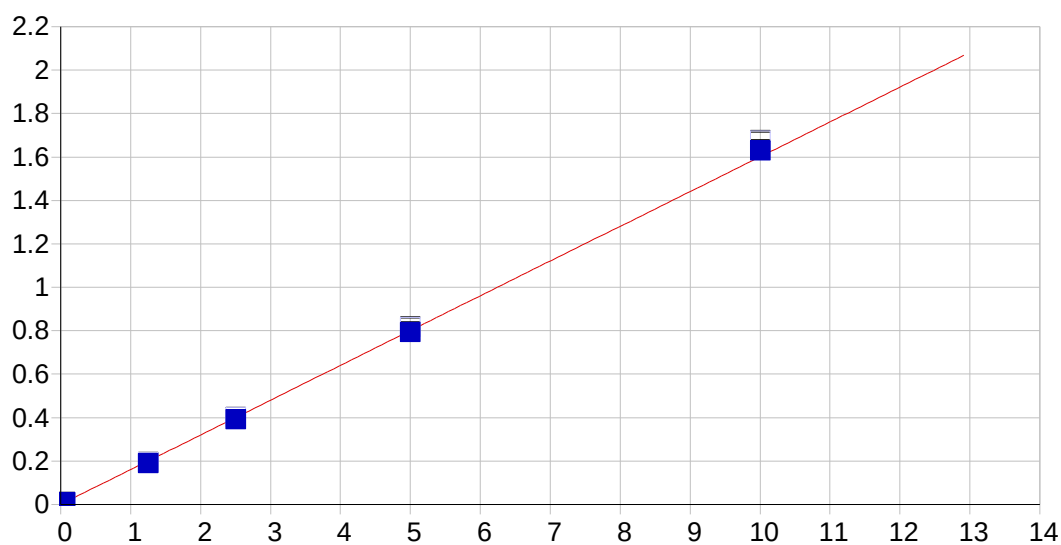


Se 196.090 {472}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000207 Re-Slope: 1.000000
 A1 (Gain): 0.075890 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.002564
 Predicted MQL: 0.008546

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.03500	.03481	.000	-.545	.00285	.000	1
S2	1.2500	1.2043	-.046	-3.66	.09115	.000	1
S3	2.5000	2.4623	-.038	-1.51	.18618	.000	1
S4	5.0000	5.0010	.001	.021	.37796	.002	1
S5	10.000	10.083	.083	.826	.76182	.001	1

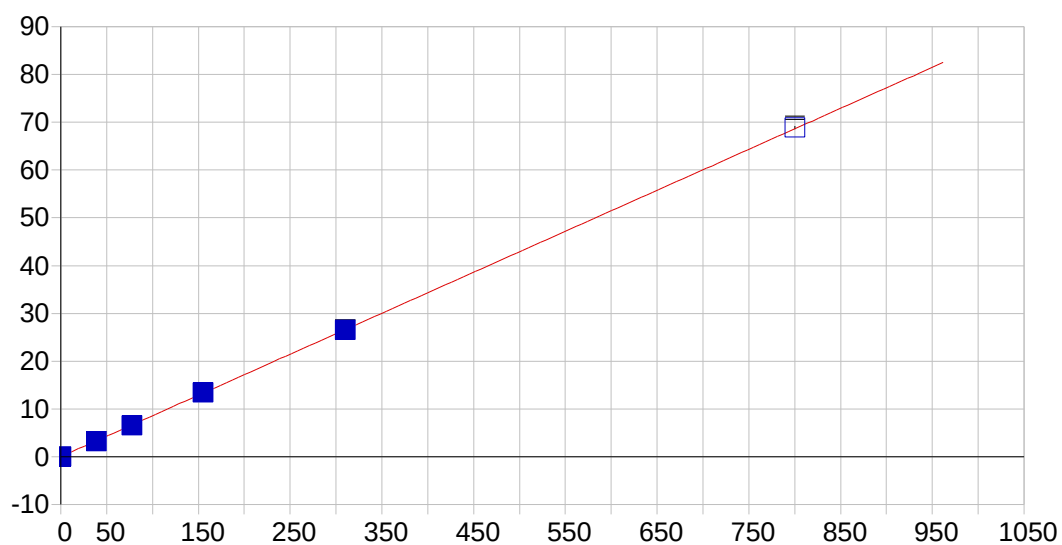


Sb 206.833 {463}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000284 Re-Slope: 1.000000
 A1 (Gain): 0.160092 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999755 Status: OK.
 Std Error of Est: 0.000150
 Predicted MDL: 0.001340
 Predicted MQL: 0.004466

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00029	.000	1
S1	.06000	.05728	-.003	-4.54	.00945	.000	1
S2	1.2500	1.1756	-.074	-5.95	.19394	.000	1
S3	2.5000	2.4387	-.061	-2.45	.40160	.000	1
S4	5.0000	4.9564	-.044	-.873	.81556	.002	1
S5	10.000	10.182	.182	1.82	1.6739	.003	1

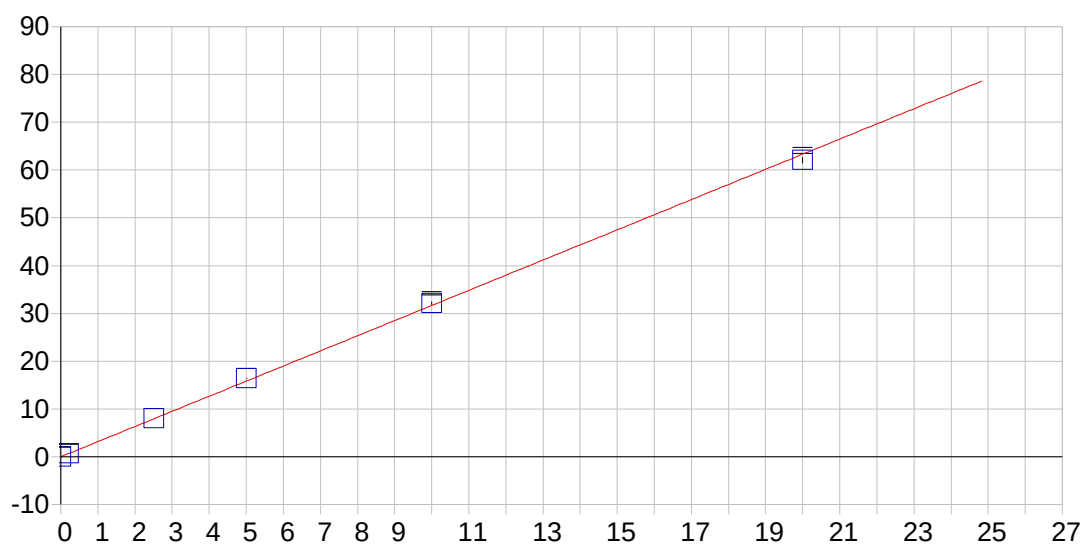


AI 396.152 { 85}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000159 Re-Slope: 1.000000
 A1 (Gain): 0.085783 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000435
 Predicted MDL: 0.004875
 Predicted MQL: 0.016251

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00016	.000	1
S1	.20000	.19144	-.009	-4.28	.01629	.000	1
S2	38.750	37.195	-1.55	-4.01	3.1937	.011	1
S3	77.500	76.512	-.988	-1.27	6.5695	.005	1
S4	155.00	156.00	1.00	.646	13.395	.038	1
S5	310.00	309.11	-.888	-.287	26.541	.068	1
S6	800.00	802.44	2.44	.305	68.836	.361	1

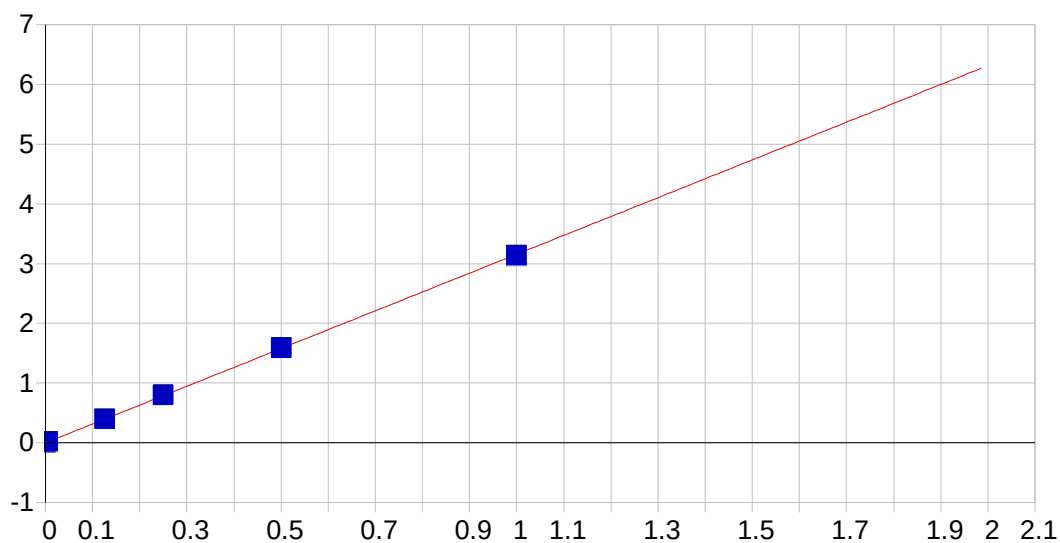


Ba 493.409 { 68}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.013575 Re-Slope: 1.000000
 A1 (Gain): 3.166542 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999754 Status: OK.
 Std Error of Est: 0.007463
 Predicted MDL: 0.000279
 Predicted MQL: 0.000930

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.01361	.001	1
S1	.20000	.20084	.001	.421	.62240	.005	1
S2	2.5000	2.5468	.047	1.87	8.0508	.020	1
S3	5.0000	5.1880	.188	3.76	16.415	.041	1
S4	10.000	10.163	.163	1.63	32.167	.338	1
S5	20.000	19.602	-.398	-1.99	62.056	.672	1

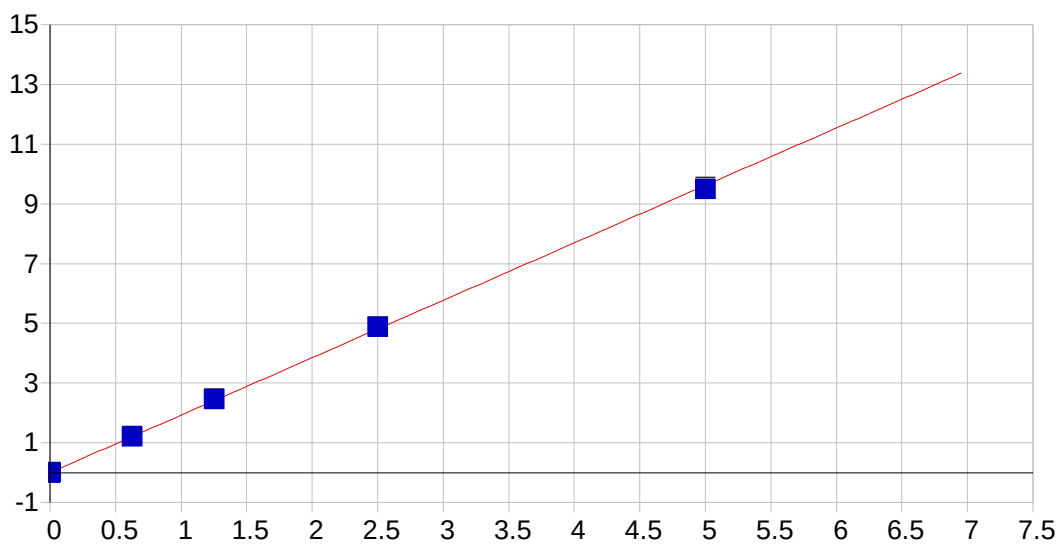


Be 234.861 {144}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001378 Re-Slope: 1.000000
 A1 (Gain): 3.158013 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000104
 Predicted MDL: 0.000073
 Predicted MQL: 0.000243

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00138	.000	1
S1	.00500	.00528	.000	5.65	.01529	.000	1
S2	.12500	.12558	.001	.462	.39347	.003	1
S3	.25000	.25339	.003	1.36	.79539	.005	1
S4	.50000	.50330	.003	.659	1.5811	.006	1
S5	1.0000	.99245	-.008	-.755	3.1190	.013	1

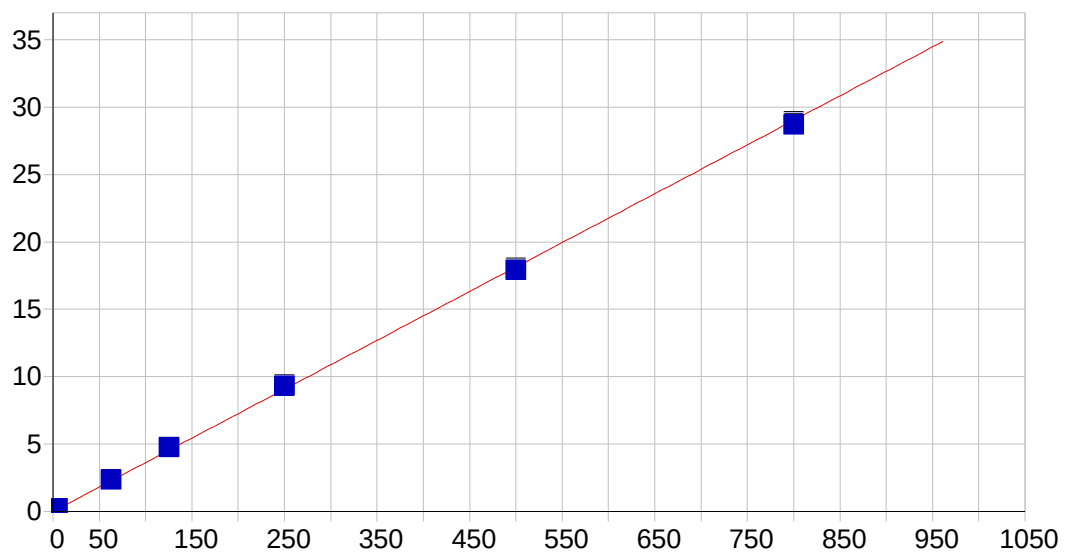


Cd 214.438 {457}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000113 Re-Slope: 1.000000
 A1 (Gain): 1.923538 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000229
 Predicted MDL: 0.000089
 Predicted MQL: 0.000297

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.00500	.00480	.000	-4.08	.00912	.000	1
S2	.62500	.62913	.004	.661	1.2125	.002	1
S3	1.2500	1.2771	.027	2.17	2.4613	.004	1
S4	2.5000	2.5333	.033	1.33	4.8826	.006	1
S5	5.0000	4.9358	-.064	-1.28	9.5138	.040	1

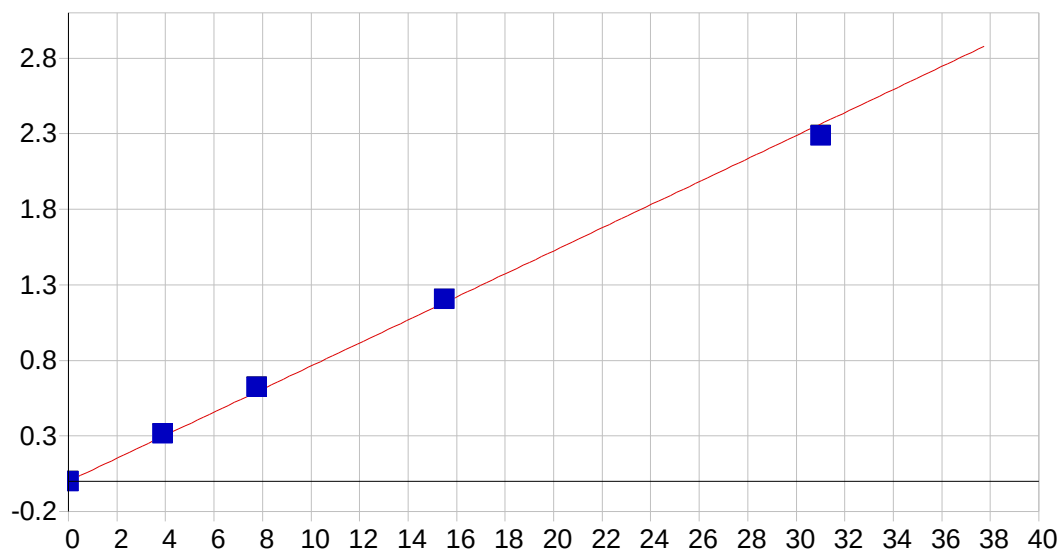


Ca 373.690 { 90}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001217 Re-Slope: 1.000000
 A1 (Gain): 0.036279 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999804 Status: OK.
 Std Error of Est: 0.002520
 Predicted MDL: 0.009726
 Predicted MQL: 0.032422

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00053	-.001	.000	.00120	.000	1
S1	5.0000	5.1136	.114	2.27	.18676	.001	1
S2	62.500	64.484	1.98	3.17	2.3487	.022	1
S3	125.00	130.79	5.79	4.63	4.7622	.010	1
S4	250.00	256.87	6.87	2.75	9.3526	.042	1
S5	500.00	494.19	-5.81	-1.16	17.994	.076	1
S6	800.00	791.08	-8.92	-1.12	28.873	.070	1

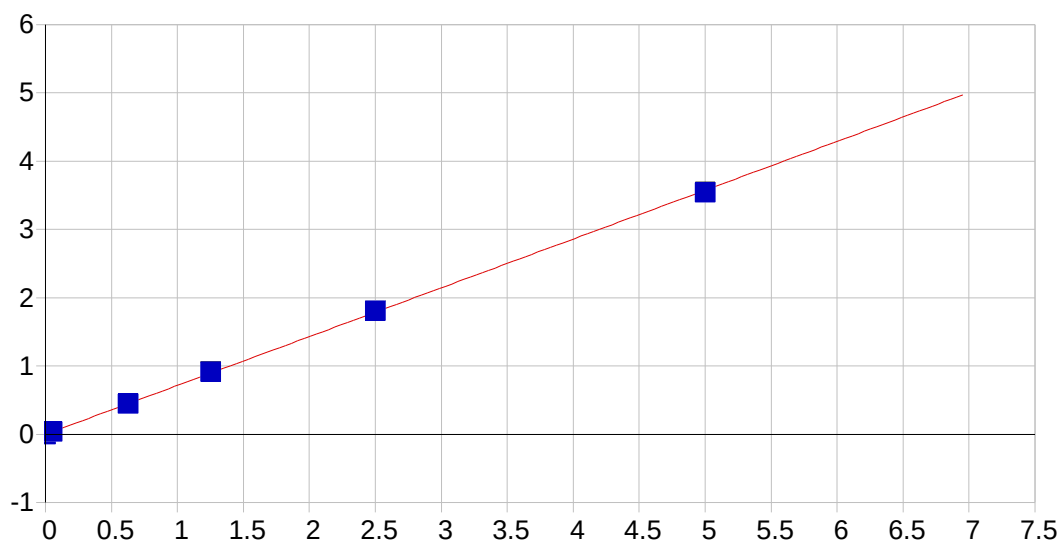


Cr 267.716 {126}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000014 Re-Slope: 1.000000
 A1 (Gain): 0.076244 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999303 Status: OK.
 Std Error of Est: 0.000084
 Predicted MDL: 0.000560
 Predicted MQL: 0.001867

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01085	.001	8.45	.00081	.000	1
S2	3.8750	4.1328	.258	6.65	.31532	.002	1
S3	7.7500	8.1852	.435	5.62	.62453	.001	1
S4	15.500	15.819	.319	2.06	1.2070	.000	1
S5	31.000	29.988	-1.01	-3.27	2.2882	.002	1

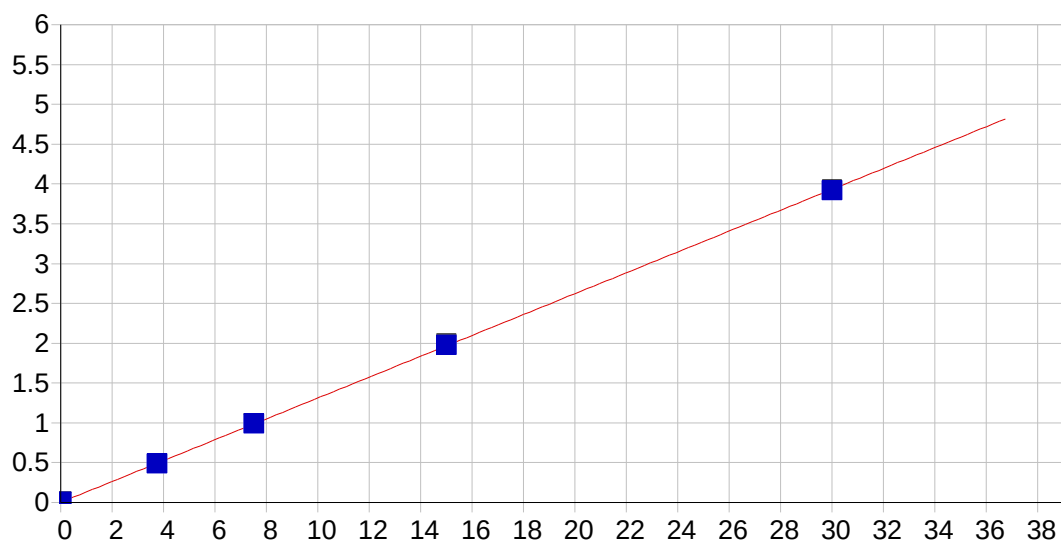


Co 228.616 {448}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000229	Re-Slope: 1.000000
A1 (Gain):	0.715010	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999914	Status: OK.
Std Error of Est:	0.000250	
Predicted MDL:	0.000234	
Predicted MQL:	0.000781	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.05000	.04685	-.003	-6.29	.03341	.000	1
S2	.62500	.62622	.001	.195	.44841	.001	1
S3	1.2500	1.2772	.027	2.18	.91477	.002	1
S4	2.5000	2.5269	.027	1.07	1.8101	.004	1
S5	5.0000	4.9478	-.052	-1.04	3.5446	.007	1

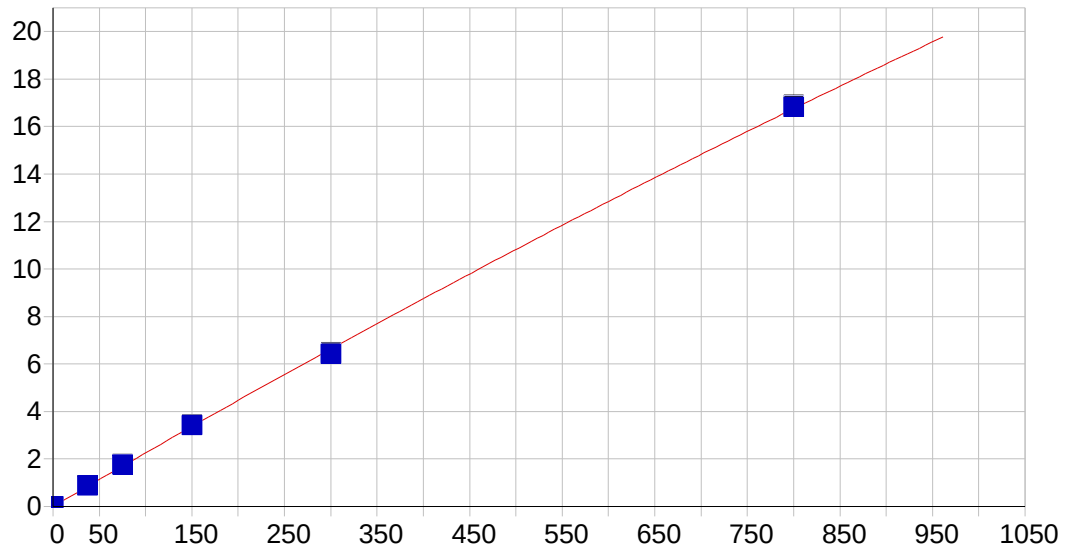


Cu 324.754 {104}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001434 Re-Slope: 1.000000
 A1 (Gain): 0.131033 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.001542
 Predicted MQL: 0.005140

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00143	.000	1
S1	.02500	.02463	.000	-1.48	.00465	.000	1
S2	3.7500	3.7223	-.028	-.738	.48887	.001	1
S3	7.5000	7.5355	.036	.474	.98822	.002	1
S4	15.000	15.083	.083	.553	1.9766	.013	1
S5	30.000	29.910	-.090	-.301	3.9181	.004	1

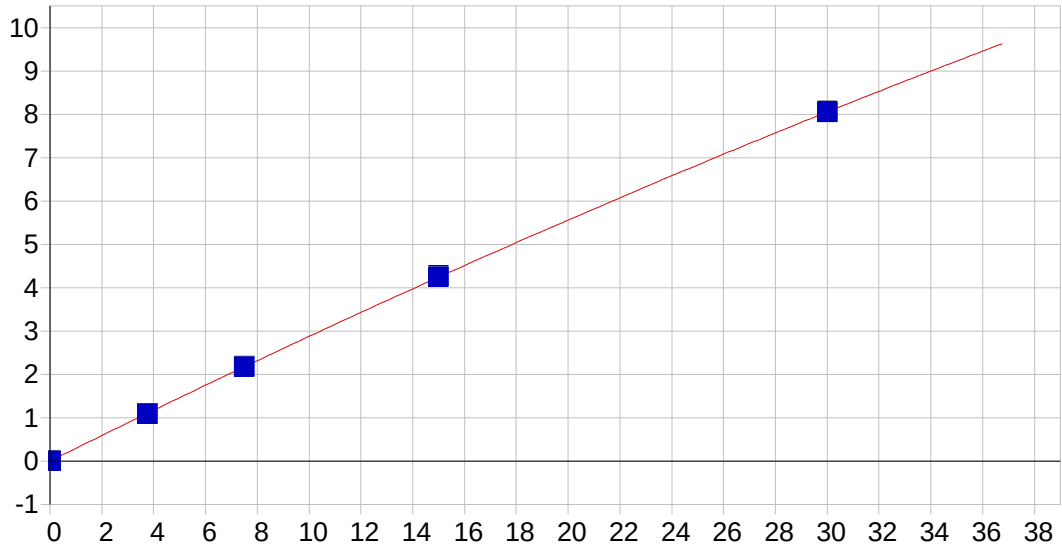


Fe 259.837 {130}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000083 Re-Slope: 1.000000
 A1 (Gain): 0.022816 Y-int: 0.000000
 A2 (Curvature): -0.000002
 n (Exponent): 1.000000
 Correlation: 0.999813 Status: OK.
 Std Error of Est: 0.000204
 Predicted MDL: 0.005883
 Predicted MQL: 0.019608

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00008	.000	1
S1	.10000	.11068	.011	10.7	.00266	.000	1
S2	37.500	38.772	1.27	3.39	.88578	.003	1
S3	75.000	77.871	2.87	3.83	1.7718	.002	1
S4	150.00	152.31	2.31	1.54	3.4393	.013	1
S5	300.00	290.47	-9.53	-3.18	6.4667	.018	1
S6	800.00	803.13	3.13	.391	16.897	.025	1

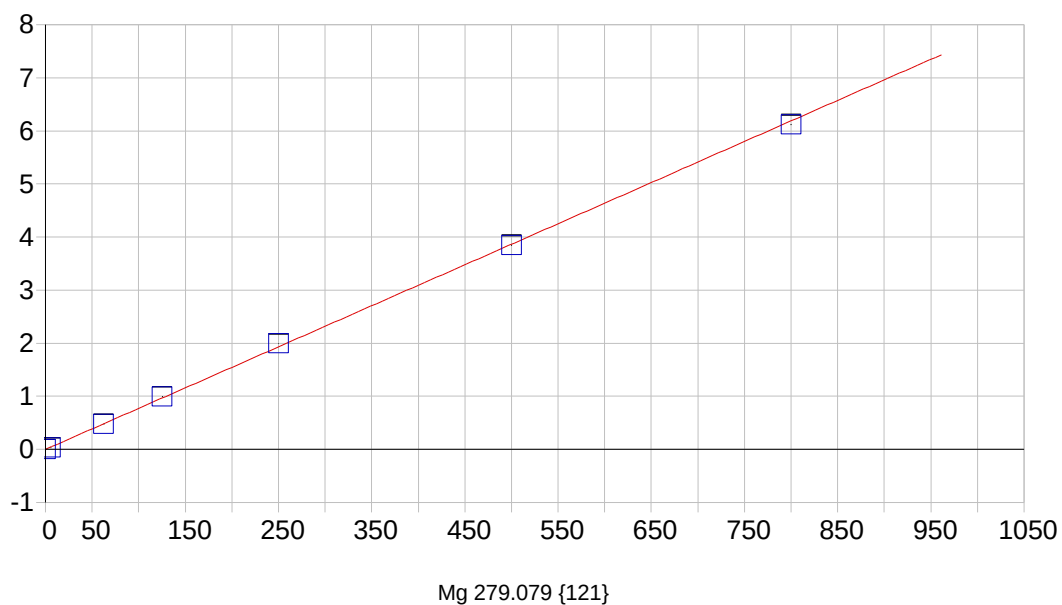


Mn 257.610 {131}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.000048	Re-Slope: 1.000000
A1 (Gain):	0.297366	Y-int: 0.000000
A2 (Curvature):	-0.000964	
n (Exponent):	1.000000	
Correlation:	0.999996	Status: OK.
Std Error of Est:	0.000033	
Predicted MDL:	0.000398	
Predicted MQL:	0.001328	

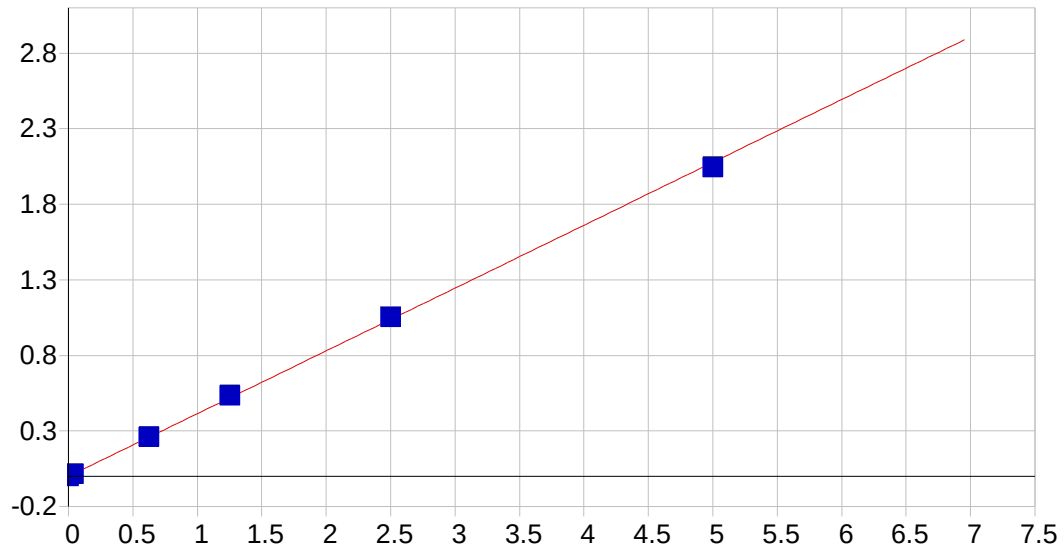
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.01500	.01550	.000	3.33	.00456	.000	1
S2	3.7500	3.7162	-.034	-.901	1.0920	.006	1
S3	7.5000	7.5181	.018	.241	2.1816	.005	1
S4	15.000	15.034	.034	.229	4.2537	.019	1
S5	30.000	29.981	-.019	-.065	8.0506	.026	1



Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000150 Re-Slope: 1.000000
 A1 (Gain): 0.007732 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875 Status: OK.
 Std Error of Est: 0.000427
 Predicted MDL: 0.020294
 Predicted MQL: 0.067647

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00015	.000	1
S1	5.0000	4.8230	-.177	-3.54	.03714	.000	1
S2	62.500	61.953	-.547	-.876	.47889	.001	1
S3	125.00	128.28	3.28	2.62	.99176	.002	1
S4	250.00	257.87	7.87	3.15	1.9938	.005	1
S5	500.00	497.65	-2.35	-.469	3.8479	.009	1
S6	800.00	791.92	-8.08	-1.01	6.1233	.011	1

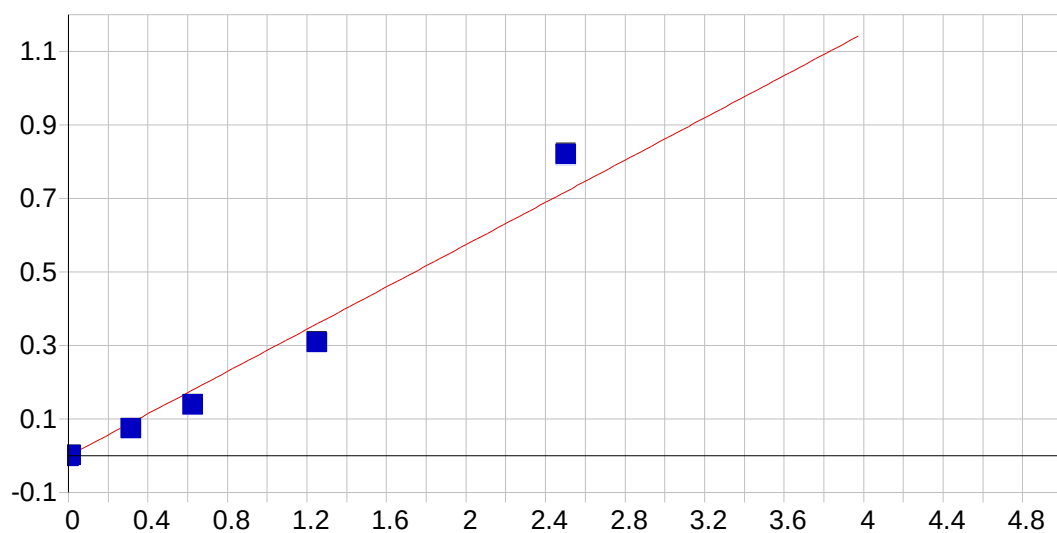


Ni 231.604 {446}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000917 Re-Slope: 1.000000
 A1 (Gain): 0.415588 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999834 Status: OK.
 Std Error of Est: 0.000180
 Predicted MDL: 0.000415
 Predicted MQL: 0.001385

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00092	.000	1
S1	.04000	.03896	-.001	-2.60	.01528	.000	1
S2	.62500	.63318	.008	1.31	.26276	.000	1
S3	1.2500	1.2873	.037	2.99	.53515	.001	1
S4	2.5000	2.5371	.037	1.49	1.0556	.001	1
S5	5.0000	4.9184	-.082	-1.63	2.0474	.004	1

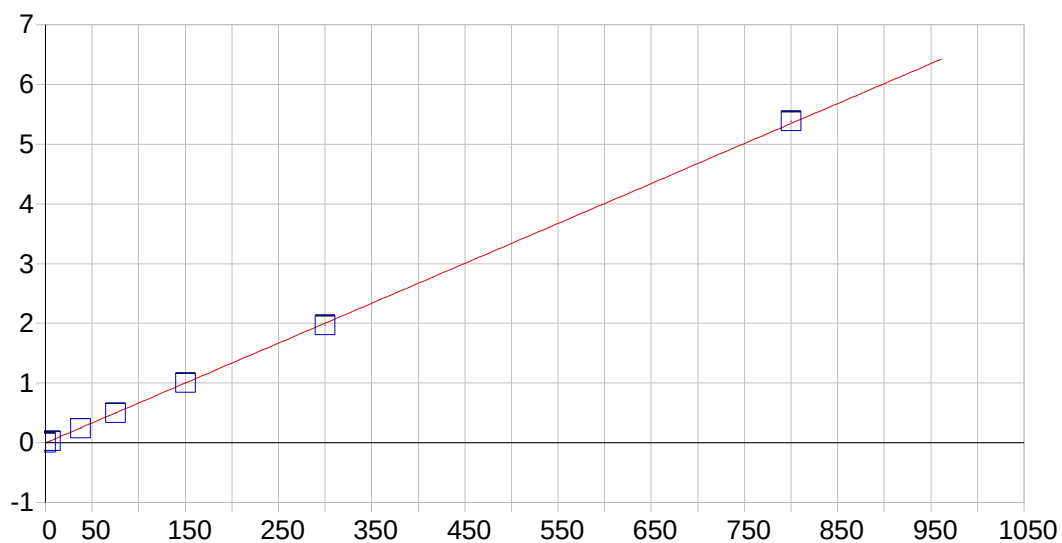


Ag 328.068 {103}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000791	Re-Slope: 1.000000
A1 (Gain):	0.287483	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.987910	Status: OK.
Std Error of Est:	0.000376	
Predicted MDL:	0.000285	
Predicted MQL:	0.000948	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00079	.000	1
S1	.01000	.00871	-.001	-12.9	.00169	.000	1
S2	.31250	.26174	-.051	-16.2	.07384	.000	1
S3	.62500	.48675	-.138	-22.1	.13791	.001	1
S4	1.2500	1.0799	-.170	-13.6	.30721	.001	1
S5	2.5000	2.8604	.360	14.4	.81662	.003	1

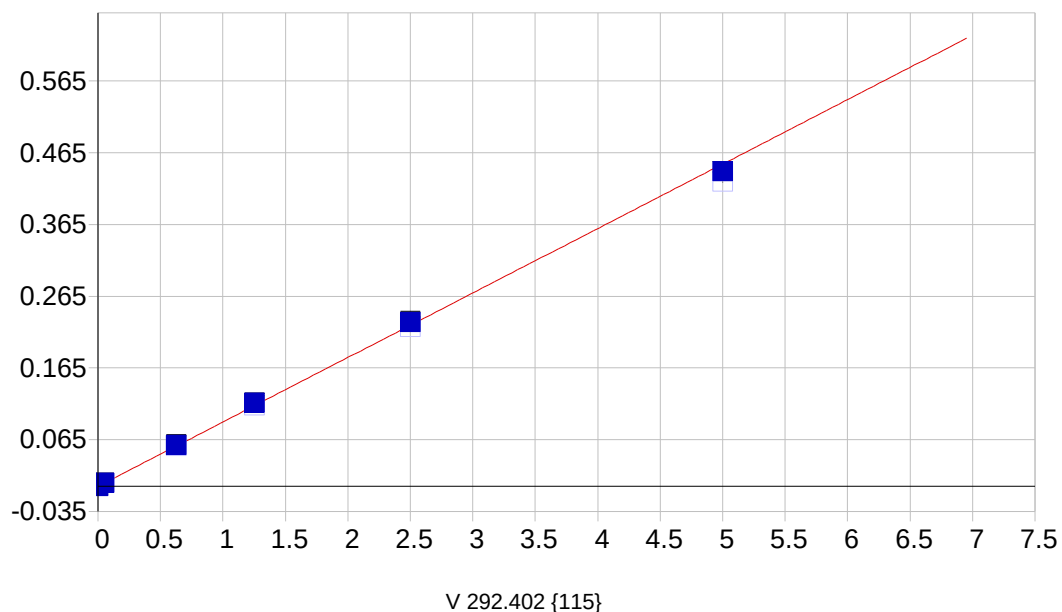


Na 818.326 { 41}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001919 Re-Slope: 1.000000
 A1 (Gain): 0.006682 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000228
 Predicted MDL: 0.133515
 Predicted MQL: 0.445051

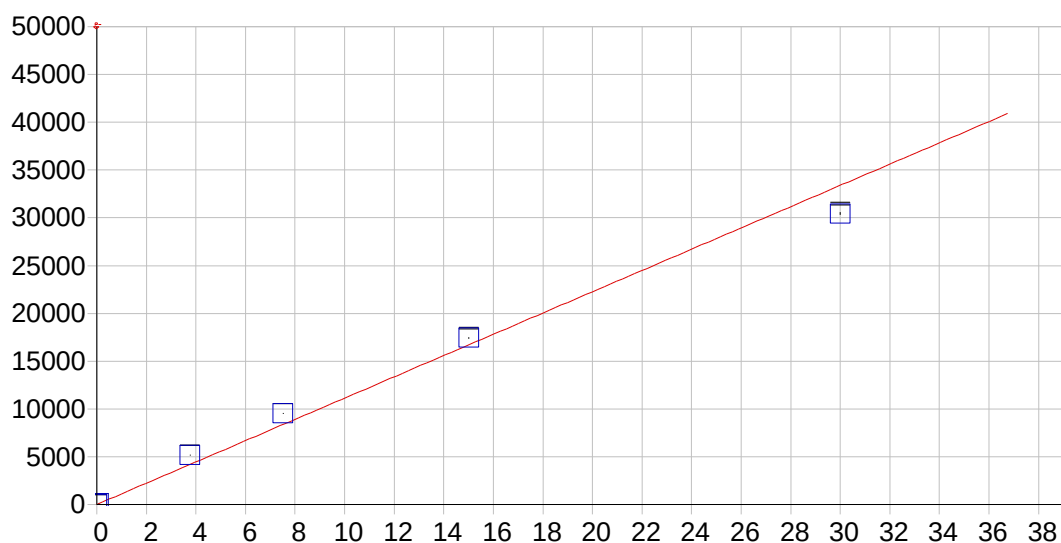
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00036	.000	.000	-.00192	.000	1
S1	5.0000	4.7945	-.205	-4.11	.03012	.000	1
S2	37.500	36.677	-.823	-2.20	.24316	.001	1
S3	75.000	74.972	-.028	-.038	.49906	.002	1
S4	150.00	150.35	.352	.235	1.0028	.003	1
S5	300.00	294.69	-5.31	-1.77	1.9672	.006	1
S6	800.00	806.02	6.02	.752	5.3841	.010	1



Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000062 Re-Slope: 1.000000
 A1 (Gain): 0.089855 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999677 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.001970
 Predicted MQL: 0.006566

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.05000	.04963	.000	-.741	.00439	.000	1
S2	.62500	.64304	.018	2.89	.05587	.001	1
S3	1.2500	1.2945	.044	3.56	.11255	.000	1
S4	2.5000	2.5509	.051	2.04	.22174	.001	1
S5	5.0000	4.8870	-.113	-2.26	.42424	.000	1

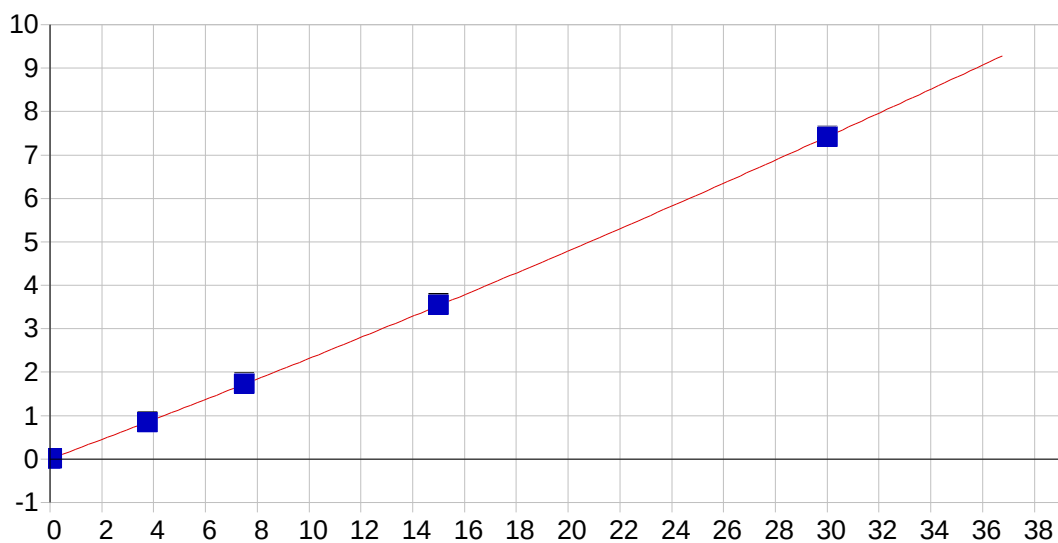


Zn 206.200 {464}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	1.283561	Re-Slope: 1.000000
A1 (Gain):	1113.068543	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.994353	Status: OK.
Std Error of Est:	8.452423	
Predicted MDL:	0.000455	
Predicted MQL:	0.001516	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	1.2356	.047	1
S1	.06000	.08273	.023	37.9	93.365	.519	1
S2	3.7500	4.6541	.904	24.1	5181.6	5.24	1
S3	7.5000	8.5668	1.07	14.2	9536.8	15.0	1
S4	15.000	15.657	.657	4.38	17429.	88.7	1
S5	30.000	27.349	-2.65	-8.84	30443.	151.	1

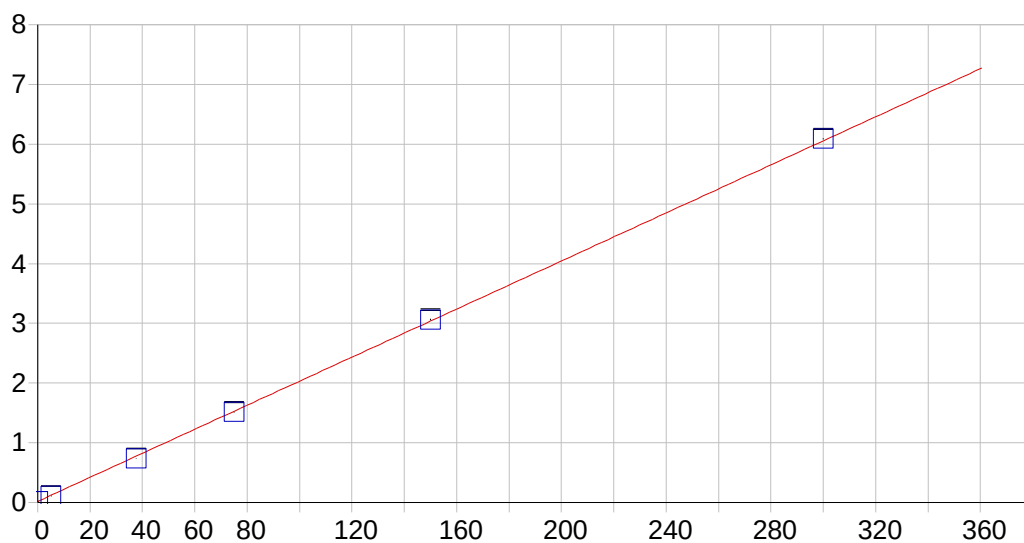


Zn 213.856 {158}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000204 Re-Slope: 1.000000
 A1 (Gain): 0.223904 Y-int: 0.000000
 A2 (Curvature): 0.000780
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: Warning Positive Curvature
 Std Error of Est: 0.000091
 Predicted MDL: 0.003151
 Predicted MQL: 0.010504

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00020	.000	1
S1	.06000	.05443	-.006	-9.29	.01244	.001	1
S2	3.7500	3.7052	-.045	-1.19	.84279	.009	1
S3	7.5000	7.5379	.038	.505	1.7368	.021	1
S4	15.000	15.029	.029	.191	3.5504	.035	1
S5	30.000	29.983	-.017	-.055	7.4328	.007	1

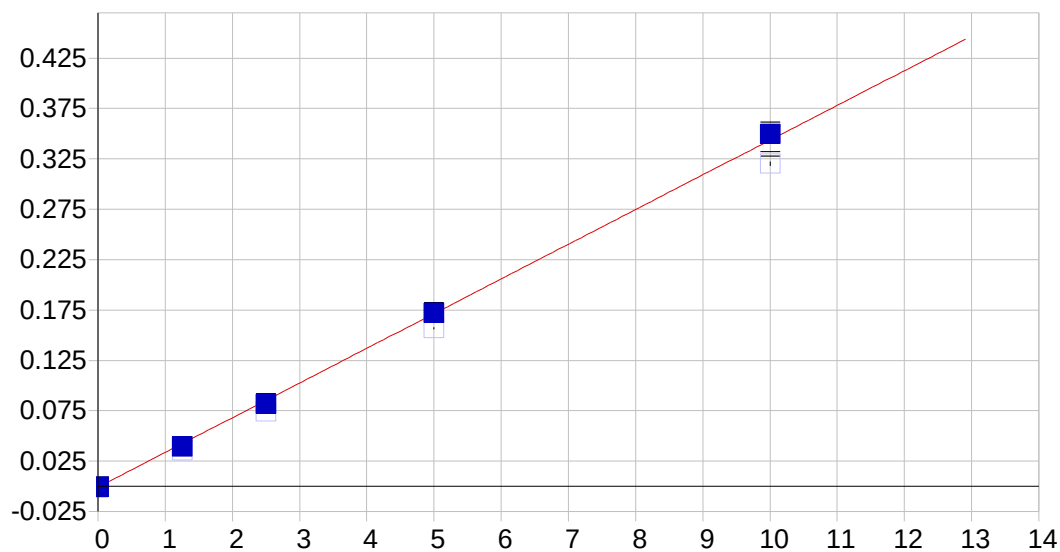


K 769.896 { 44}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.019518	Re-Slope: 1.000000
A1 (Gain):	0.020119	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999870	Status: OK.
Std Error of Est:	0.000668	
Predicted MDL:	0.037111	
Predicted MQL:	0.123702	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00064	.001	.000	.01953	.001	1
S1	5.0000	4.5731	-.427	-8.54	.11152	.001	1
S2	37.500	35.733	-1.77	-4.71	.73843	.002	1
S3	75.000	74.254	-.746	-.994	1.5134	.007	1
S4	150.00	151.25	1.25	.834	3.0625	.014	1
S5	300.00	301.69	1.69	.563	6.0892	.010	1

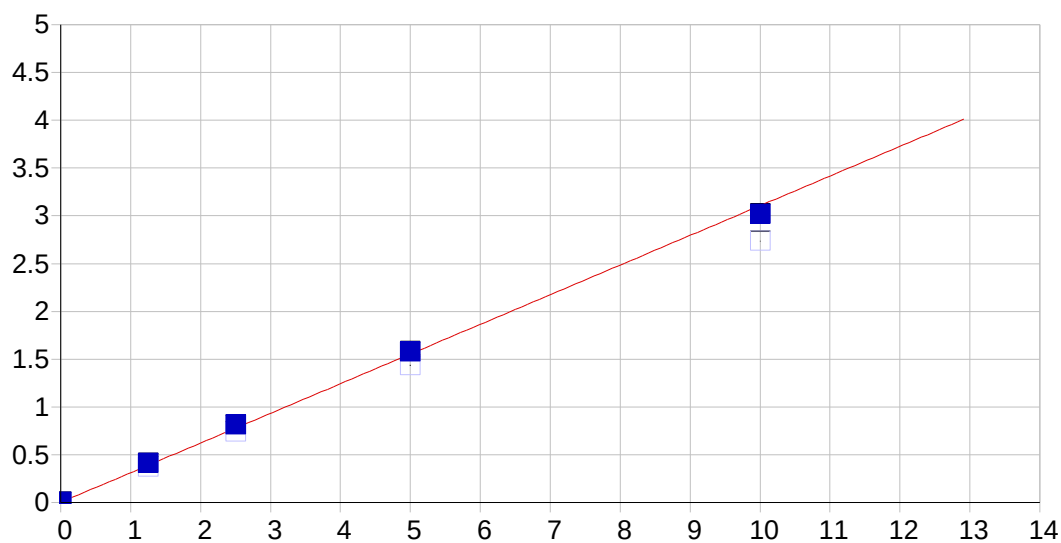


P 177.495 {490}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000823 Re-Slope: 1.000000
 A1 (Gain): 0.034448 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999545 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.002295
 Predicted MQL: 0.007650

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00082	.000	1
S1	.01000	.01201	.002	20.1	-.00043	.000	1
S2	1.2500	1.1603	-.090	-7.17	.03543	.000	1
S3	2.5000	2.3967	-.103	-4.13	.07431	.000	1
S4	5.0000	5.0137	.014	.273	.15703	.001	1
S5	10.000	10.177	.177	1.77	.32005	.002	1

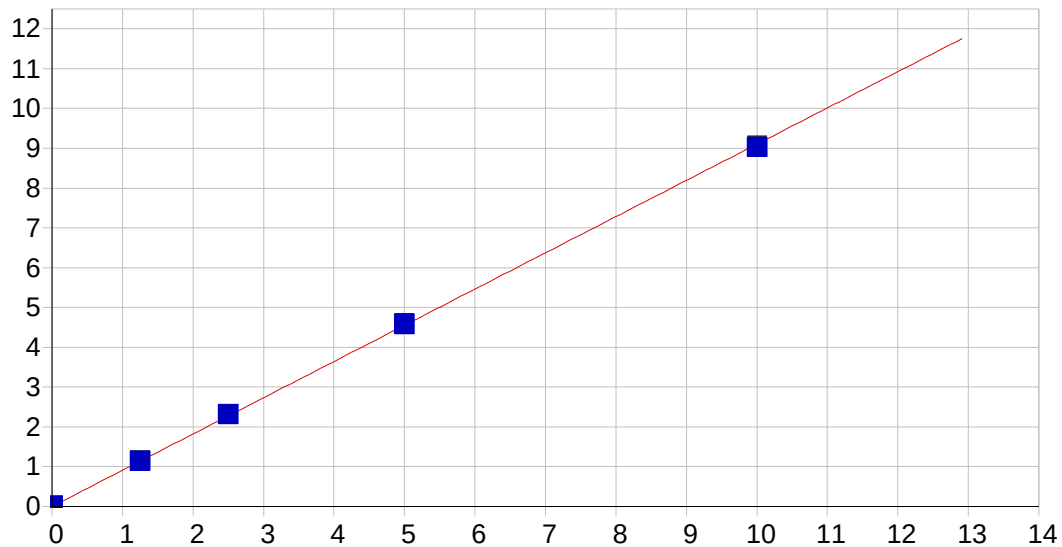


B 249.678 {135}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001407 Re-Slope: 1.000000
 A1 (Gain): 0.310435 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999418 Status: OK.
 Std Error of Est: 0.000161
 Predicted MDL: 0.000804
 Predicted MQL: 0.002680

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00141	.000	1
S1	.01000	.01015	.000	1.52	.00448	.000	1
S2	1.2500	1.3203	.070	5.62	.37553	.003	1
S3	2.5000	2.6161	.116	4.64	.74206	.002	1
S4	5.0000	5.0832	.083	1.66	1.4364	.005	1
S5	10.000	9.7303	-.270	-2.70	2.7361	.004	1

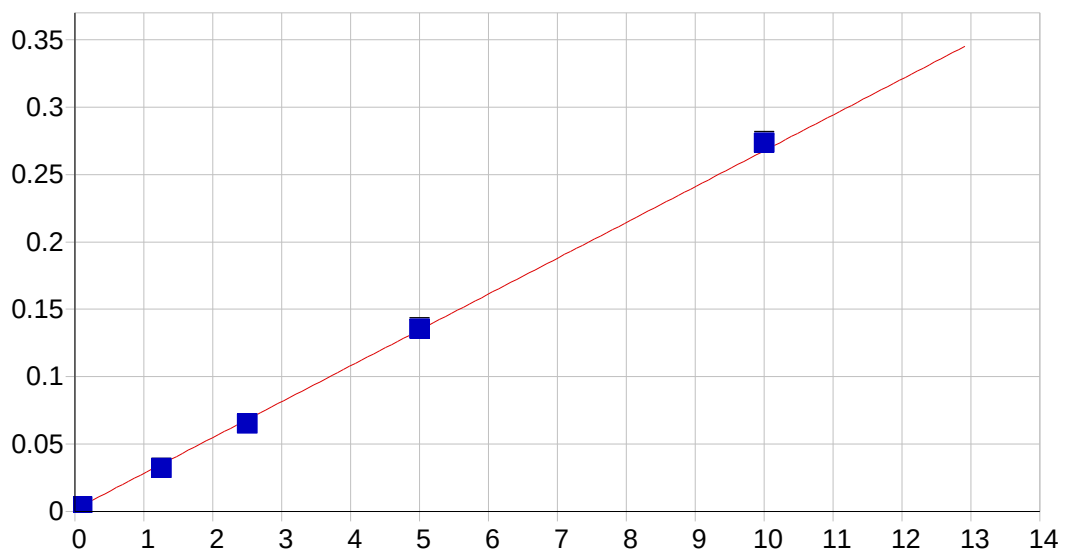


Mo 202.030 {467}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000160 Re-Slope: 1.000000
 A1 (Gain): 0.910302 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000137
 Predicted MDL: 0.000243
 Predicted MQL: 0.000809

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.01000	.01000	.000	.021	.00926	.000	1
S2	1.2500	1.2615	.011	.917	1.1484	.003	1
S3	2.5000	2.5396	.040	1.58	2.3118	.001	1
S4	5.0000	5.0277	.028	.554	4.5767	.012	1
S5	10.000	9.9213	-.079	-.787	9.0311	.017	1

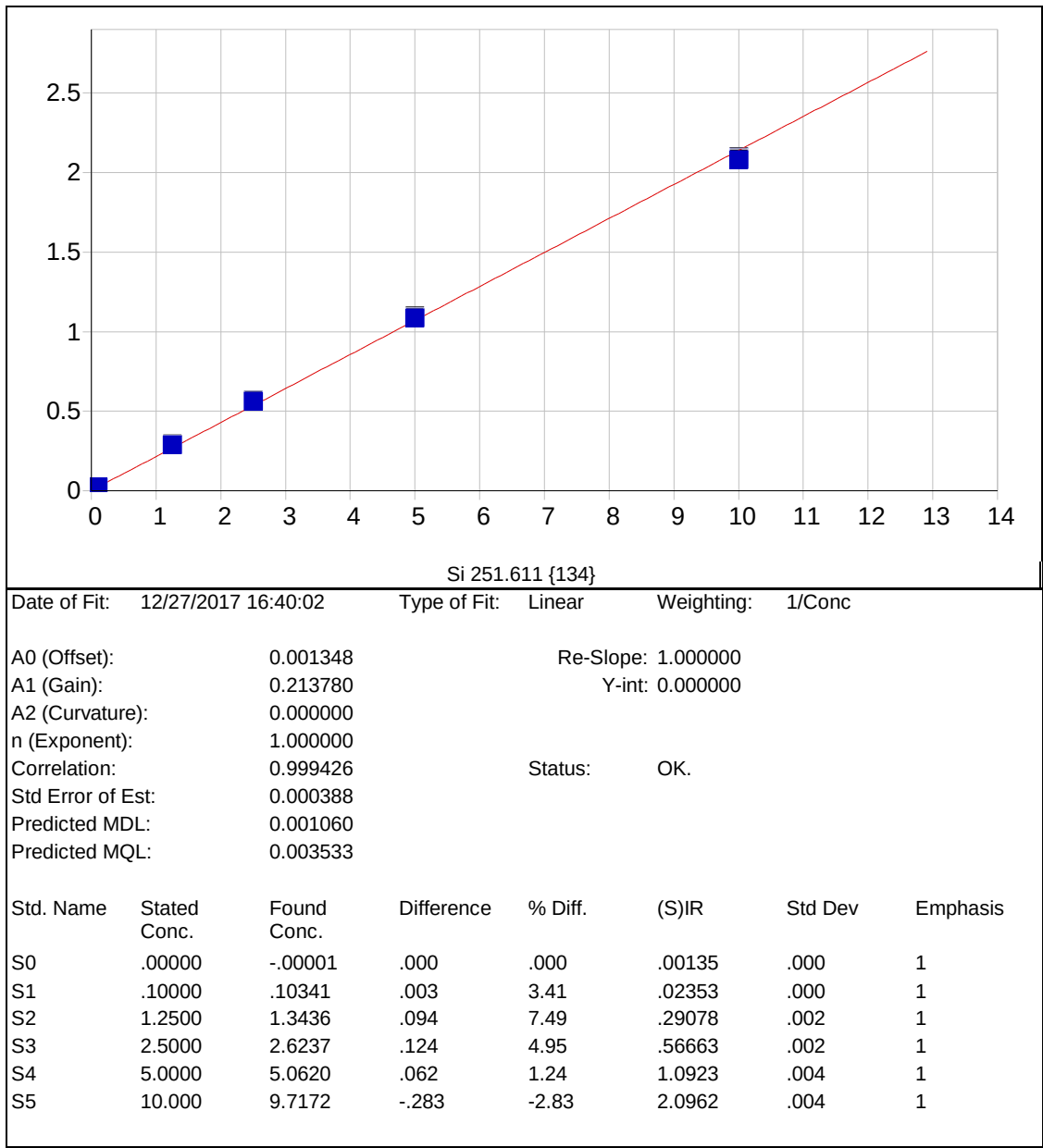


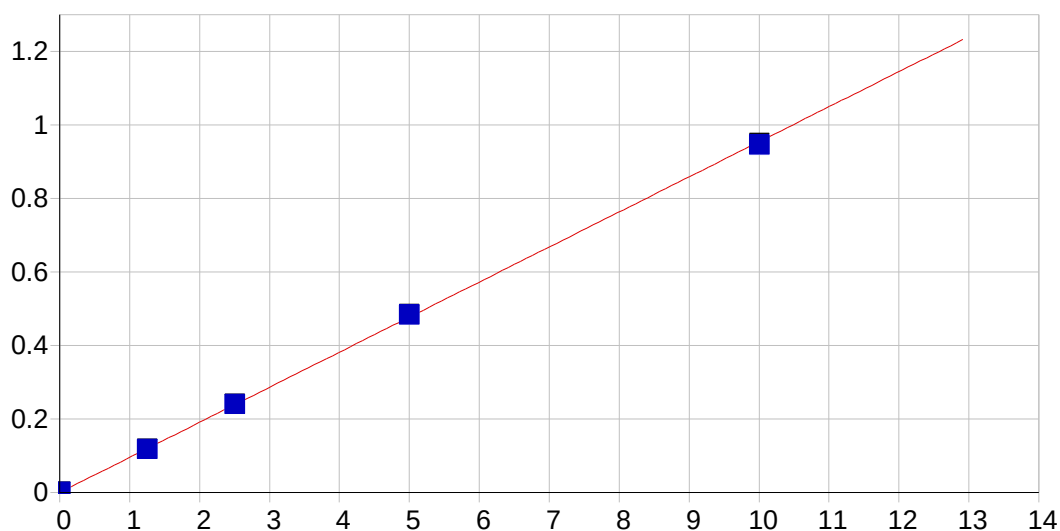
S 182.034 {485}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001664 Re-Slope: 1.000000
 A1 (Gain): 0.026600 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999306 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.003495
 Predicted MQL: 0.011651

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00167	.000	1
S1	.10000	.07539	-.025	-24.6	.00367	.000	1
S2	1.2500	1.1402	-.110	-8.78	.03201	.000	1
S3	2.5000	2.3819	-.118	-4.72	.06505	.000	1
S4	5.0000	5.0366	.037	.731	.13568	.001	1
S5	10.000	10.216	.216	2.16	.27350	.001	1



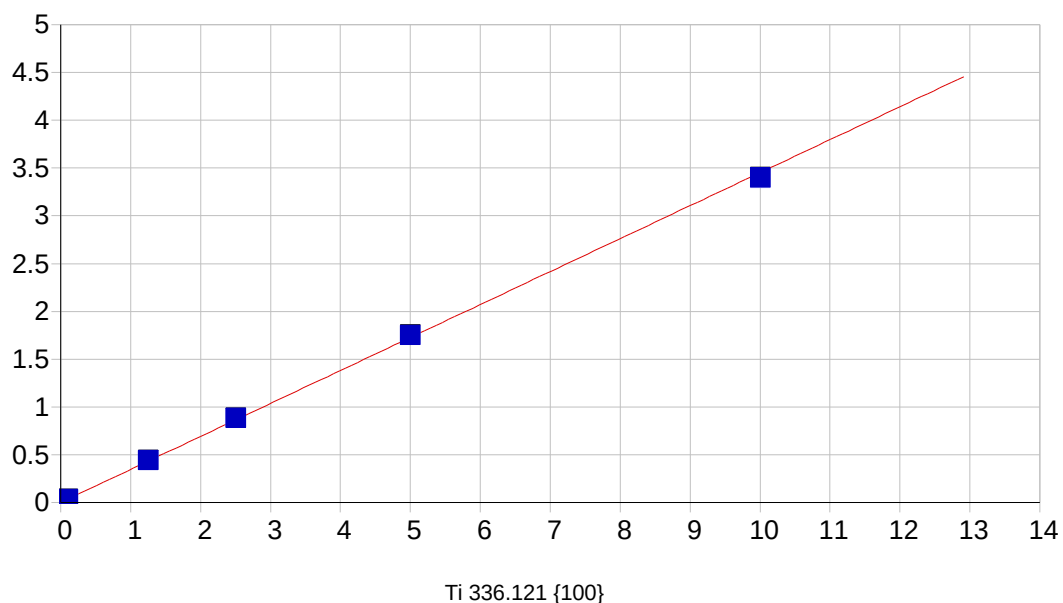


Sn 189.989 {478}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000122 Re-Slope: 1.000000
 A1 (Gain): 0.095412 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.000981
 Predicted MQL: 0.003269

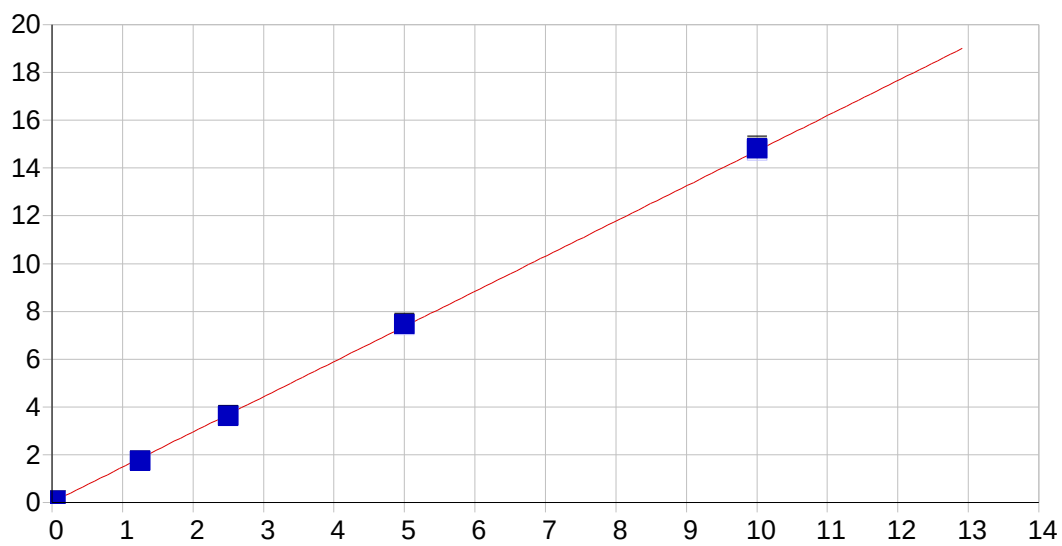
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.00700	.00806	.001	15.1	.00086	.000	1
S2	1.2500	1.2402	-.010	-.781	.11819	.000	1
S3	2.5000	2.5202	.020	.808	.24005	.000	1
S4	5.0000	5.0721	.072	1.44	.48300	.001	1
S5	10.000	9.9165	-.084	-.835	.94416	.004	1



Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000976 Re-Slope: 1.000000
 A1 (Gain): 0.345058 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.000319
 Predicted MDL: 0.000741
 Predicted MQL: 0.002471

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00097	.000	1
S1	.10000	.09988	.000	-.122	.03543	.000	1
S2	1.2500	1.2842	.034	2.74	.44394	.000	1
S3	2.5000	2.5559	.056	2.24	.88259	.001	1
S4	5.0000	5.0696	.070	1.39	1.7496	.006	1
S5	10.000	9.8404	-.160	-1.60	3.3952	.009	1

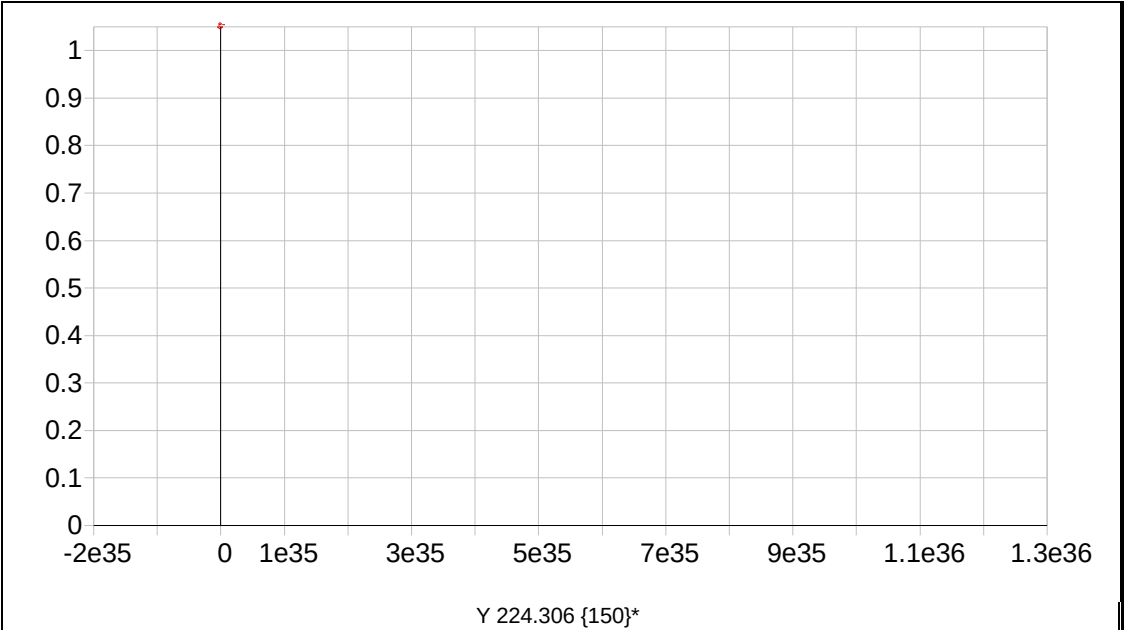


Li 670.784 { 50}

Date of Fit: 12/27/2017 16:40:02 Type of Fit: Linear Weighting: 1/Conc

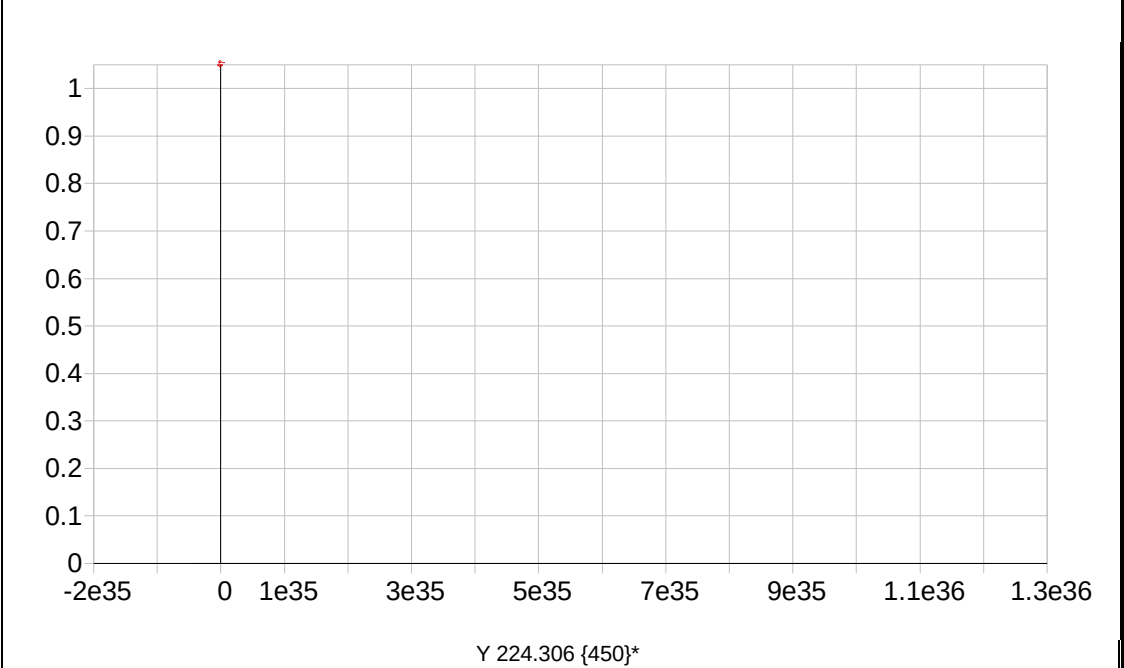
A0 (Offset):	0.011955	Re-Slope: 1.000000
A1 (Gain):	1.470825	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999833	Status: OK.
Std Error of Est:	0.001004	
Predicted MDL:	0.000624	
Predicted MQL:	0.002080	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01197	.001	1
S5	10.000	10.061	.061	.611	14.727	.113	1
S4	5.0000	5.0583	.058	1.17	7.4105	.046	1
S3	2.5000	2.4548	-.045	-1.81	3.6019	.020	1
S2	1.2500	1.1810	-.069	-5.52	1.7387	.003	1
S1	.05000	.04477	-.005	-10.5	.07766	.002	1

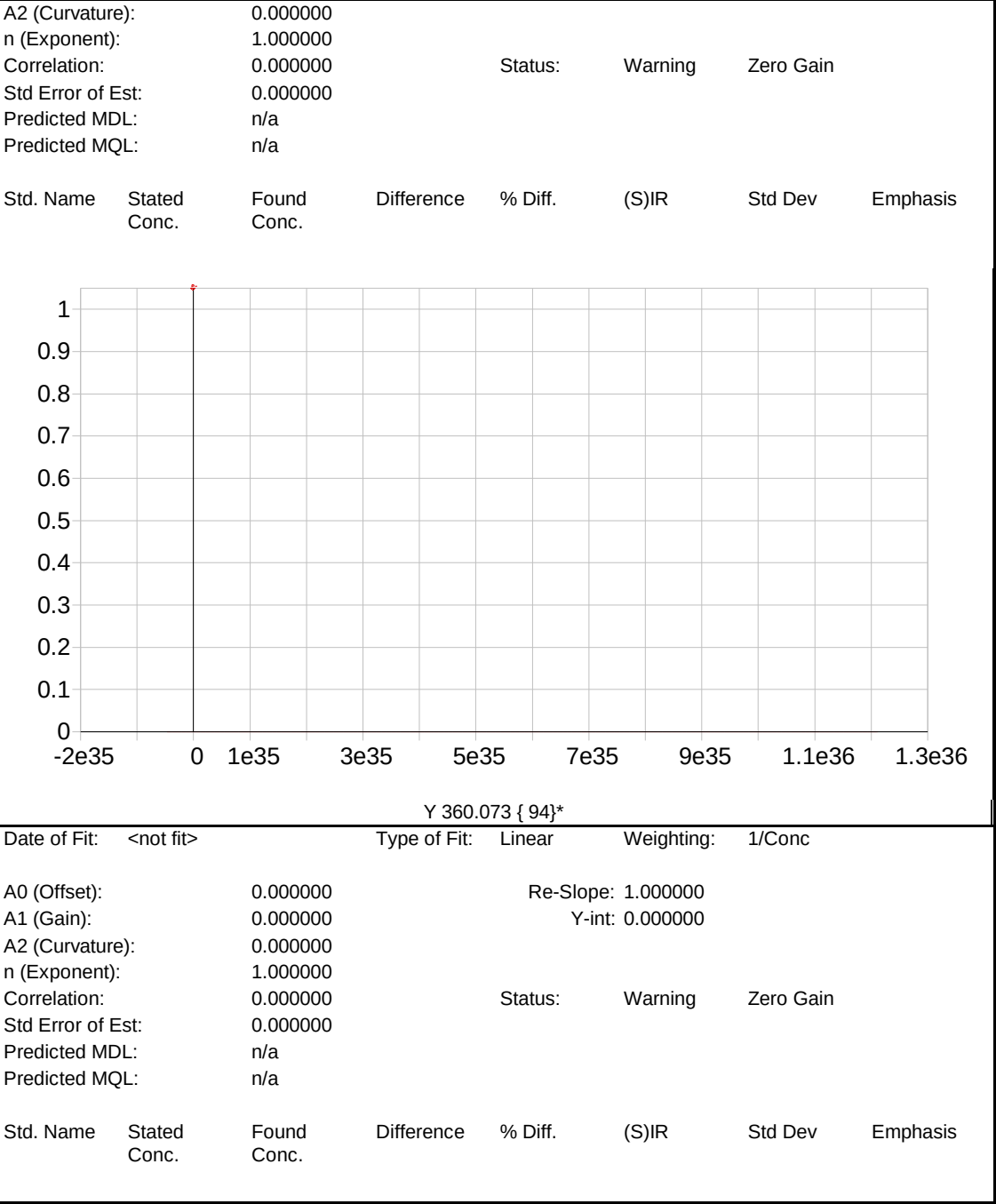


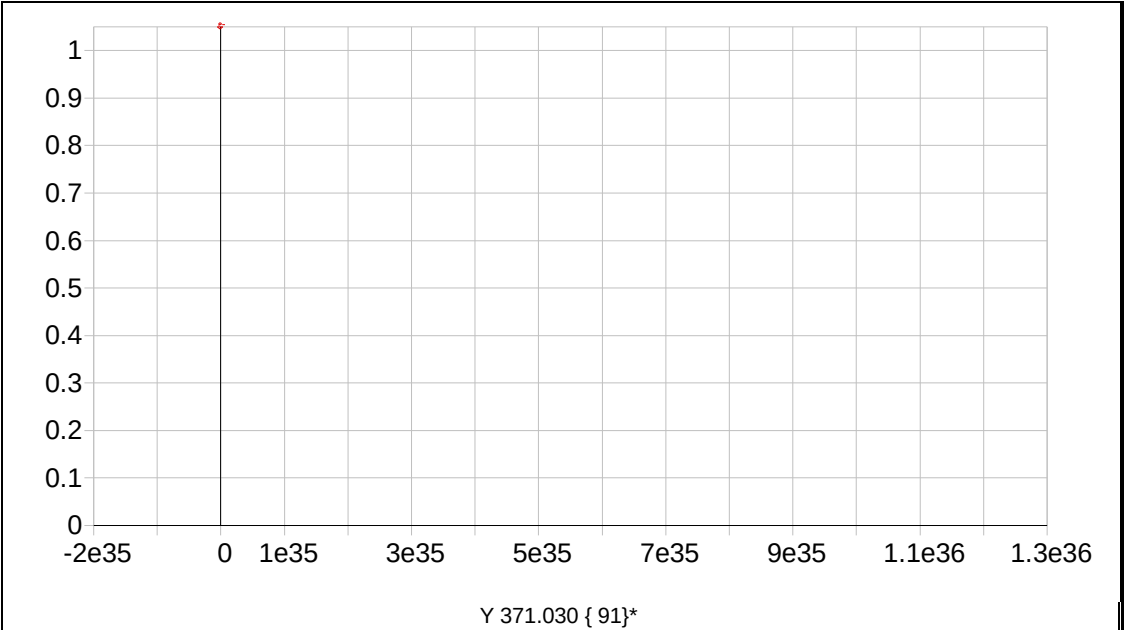
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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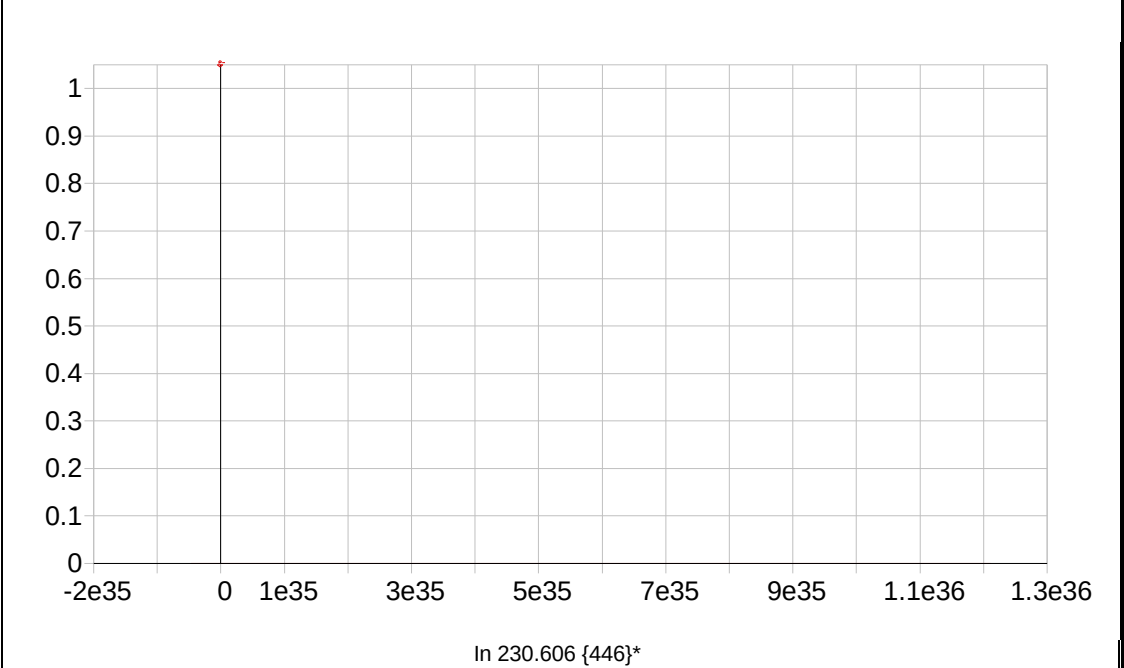
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



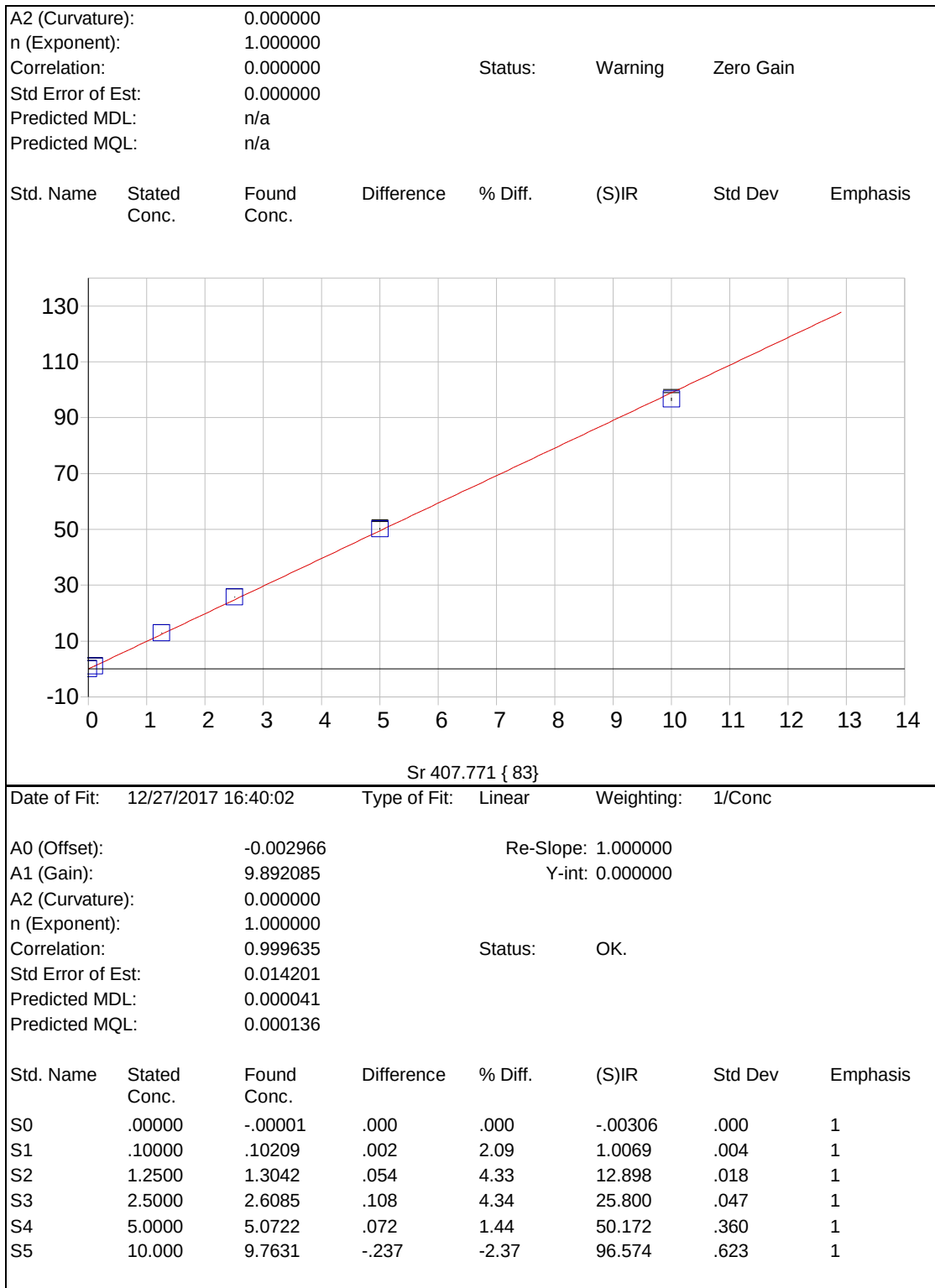


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 12/27/2017 11:37:42 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	-.00018	-.00030	-.00040	.00021	.00029	-.00016	-.01361	-.00138
Stddev	.00006	.00008	.00009	.00018	.00012	.00015	.00076	.00015
%RSD	30.430	26.777	22.652	84.572	41.572	93.372	5.5843	10.997

#1	-.00015	-.00039	-.00040	.00009	.00031	-.00028	-.01295	-.00121
#2	-.00016	-.00026	-.00031	.00041	.00039	-.00020	-.01344	-.00149
#3	-.00025	-.00025	-.00049	.00013	.00016	.00000	-.01444	-.00144

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	-.00011	.00120	-.00001	-.00023	.00143	.00008	-.00005	-.00015
Stddev	.00008	.00004	.00000	.00006	.00007	.00004	.00005	.00006
%RSD	71.345	3.4436	10.450	28.337	5.0342	51.484	106.51	38.096

#1	-.00004	.00120	-.00001	-.00030	.00135	.00012	.00000	-.00019
#2	-.00010	.00116	-.00002	-.00019	.00145	.00004	-.00005	-.00008
#3	-.00020	.00124	-.00001	-.00019	.00149	.00009	-.00010	-.00018

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	-.00092	-.00079	-.00192	-.00006	.00020	.01953	-.00082	.00141
Stddev	.00018	.00007	.00019	.00005	.00040	.00110	.00001	.00022
%RSD	19.249	8.3457	9.8156	78.529	194.97	5.6556	.91551	15.620

#1	-.00085	-.00080	-.00213	-.00007	-.00025	.01847	-.00083	.00161
#2	-.00078	-.00085	-.00185	-.00001	.00036	.02067	-.00082	.00144
#3	-.00112	-.00072	-.00177	-.00011	.00051	.01946	-.00082	.00117

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	.00016	.00167	.00135	.00012	.00097	.01197	-.00306	
Stddev	.00006	.00009	.00010	.00008	.00010	.00076	.00029	
%RSD	34.717	5.4273	7.5940	67.535	10.001	6.3652	9.4578	

#1	.00015	.00173	.00138	.00007	.00101	.01284	-.00330	
#2	.00022	.00171	.00123	.00022	.00086	.01165	-.00274	
#3	.00011	.00156	.00142	.00008	.00105	.01142	-.00314	

Sample Name: S0 Acquired: 12/27/2017 11:37:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	1286.7	2407.4	60843.	10359.	4098.7
Stddev	1.3	5.1	290.	48.	6.1
%RSD	.09887	.21268	.47706	.46396	.14972
#1	1288.0	2401.6	60619.	10305.	4091.6
#2	1286.5	2411.0	60740.	10377.	4102.2
#3	1285.5	2409.8	61171.	10396.	4102.3

Sample Name: S1 Acquired: 12/27/2017 11:41:52 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	.00019	.00106	.00103	.00285	.00945	.01629	.62240	.01529
Stddev	.00003	.00008	.00007	.00020	.00006	.00029	.00547	.00021
%RSD	17.396	7.3161	6.5784	6.8714	.59950	1.7675	.87918	1.3414

#1	.00023	.00109	.00106	.00266	.00946	.01601	.62825	.01523
#2	.00016	.00113	.00107	.00282	.00950	.01658	.62153	.01513
#3	.00019	.00098	.00095	.00305	.00939	.01627	.61741	.01552

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	.00912	.18676	.00081	.03341	.00465	.00266	.00456	.03714
Stddev	.00006	.00118	.00005	.00012	.00017	.00013	.00005	.00029
%RSD	.68829	.63322	6.2316	.34665	3.7247	4.8738	.99618	.78295

#1	.00919	.18636	.00083	.03354	.00445	.00280	.00456	.03687
#2	.00909	.18582	.00085	.03335	.00475	.00262	.00452	.03745
#3	.00908	.18808	.00076	.03333	.00476	.00255	.00461	.03710

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	.01528	.00169	.03012	.00439	.01244	.11152	-.00043	.00448
Stddev	.00015	.00006	.00038	.00009	.00104	.00063	.00001	.00018
%RSD	.98517	3.3055	1.2515	2.0810	8.3270	.56194	2.4808	3.9348

#1	.01515	.00168	.03048	.00446	.01127	.11086	-.00044	.00467
#2	.01526	.00164	.03014	.00429	.01278	.11210	-.00044	.00444
#3	.01544	.00175	.02973	.00443	.01326	.11161	-.00042	.00433

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	.00926	.00367	.02353	.00086	.03543	.07766	1.0069	
Stddev	.00016	.00001	.00007	.00005	.00034	.00151	.0040	
%RSD	1.7100	.33254	.31342	5.5135	.96563	1.9440	.39910	

#1	.00908	.00368	.02348	.00085	.03581	.07915	1.0100	
#2	.00935	.00367	.02349	.00092	.03532	.07770	1.0083	
#3	.00936	.00366	.02361	.00083	.03516	.07613	1.0024	

Sample Name: S1 Acquired: 12/27/2017 11:41:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	1233.9	2345.8	58998.	10341.	3909.9
Stddev	6.8	9.8	254.	87.	14.1
%RSD	.54998	.41647	.43134	.84510	.35939
#1	1228.5	2335.0	58836.	10242.	3897.5
#2	1231.7	2348.3	58868.	10409.	3907.2
#3	1241.5	2354.0	59292.	10372.	3925.2

Sample Name: S2 Acquired: 12/27/2017 11:46:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	.04284	.06067	.95828	.09115	.19394	3.1937	8.0508	.39347
Stddev	.00016	.00050	.00055	.00043	.00037	.0111	.0204	.00298
%RSD	.38178	.82637	.05734	.46844	.19022	.34793	.25354	.75625

#1	.04267	.06113	.95889	.09160	.19352	3.2063	8.0273	.39007
#2	.04288	.06075	.95783	.09075	.19417	3.1854	8.0619	.39560
#3	.04299	.06014	.95810	.09111	.19415	3.1893	8.0633	.39474

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	1.2125	2.3487	.31532	.44841	.48887	.88578	1.0920	.47889
Stddev	.0018	.0222	.00161	.00050	.00085	.00257	.0065	.00117
%RSD	.14506	.94654	.51004	.11179	.17368	.28964	.59169	.24473

#1	1.2145	2.3285	.31363	.44866	.48984	.88382	1.0874	.47762
#2	1.2113	2.3725	.31682	.44783	.48851	.88868	1.0993	.47992
#3	1.2118	2.3450	.31552	.44874	.48827	.88484	1.0892	.47914

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	.26276	.07384	.24316	.05587	.84279	.73843	.03543	.37553
Stddev	.00011	.00008	.00083	.00065	.00890	.00240	.00008	.00266
%RSD	.04319	.11167	.34287	1.1593	1.0556	.32556	.22186	.70713

#1	.26285	.07377	.24409	.05658	.85270	.74020	.03551	.37250
#2	.26263	.07393	.24291	.05569	.84018	.73569	.03543	.37743
#3	.26279	.07383	.24248	.05532	.83549	.73939	.03536	.37668

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	1.1484	.03201	.29078	.11819	.44394	1.7387	12.898	
Stddev	.0025	.00018	.00210	.00018	.00034	.0033	.018	
%RSD	.21785	.55288	.72233	.14983	.07666	.19120	.13984	

#1	1.1474	.03213	.28860	.11799	.44369	1.7393	12.914	
#2	1.1513	.03180	.29279	.11825	.44433	1.7351	12.878	
#3	1.1466	.03208	.29095	.11834	.44381	1.7416	12.902	

Sample Name: S2 Acquired: 12/27/2017 11:46:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	1147.0	2195.2	55058.	10155.	3326.9
Stddev	11.5	1.8	263.	43.	5.5
%RSD	1.0058	.08043	.47825	.42397	.16651
#1	1135.9	2193.1	54837.	10199.	3320.6
#2	1158.9	2196.1	55349.	10151.	3331.0
#3	1146.1	2196.3	54988.	10114.	3329.0

Sample Name: S3 Acquired: 12/27/2017 11:49:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	.08913	.11834	1.9098	.18618	.40160	6.5695	16.415	.79539
Stddev	.00010	.00063	.0033	.00014	.00024	.0053	.041	.00513
%RSD	.11204	.53227	.17155	.07693	.06012	.08073	.24846	.64525

#1	.08924	.11774	1.9132	.18602	.40175	6.5671	16.409	.79485
#2	.08905	.11828	1.9096	.18625	.40173	6.5659	16.458	.80077
#3	.08910	.11900	1.9067	.18628	.40132	6.5756	16.377	.79055

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	2.4613	4.7622	.62453	.91477	.98822	1.7718	2.1816	.99176
Stddev	.0039	.0095	.00132	.00222	.00203	.0019	.0046	.00164
%RSD	.15937	.19973	.21200	.24252	.20570	.11016	.21224	.16567

#1	2.4653	4.7512	.62305	.91467	.98822	1.7707	2.1764	.99152
#2	2.4612	4.7680	.62561	.91703	.99025	1.7706	2.1830	.99024
#3	2.4575	4.7674	.62492	.91260	.98619	1.7740	2.1853	.99350

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	.53515	.13791	.49906	.11255	1.7368	1.5134	.07431	.74206
Stddev	.00119	.00068	.00249	.00025	.0210	.0071	.00043	.00213
%RSD	.22227	.49618	.49975	.22492	1.2070	.46907	.58341	.28726

#1	.53599	.13714	.49886	.11275	1.7198	1.5091	.07389	.74146
#2	.53567	.13818	.50165	.11226	1.7305	1.5216	.07430	.74442
#3	.53379	.13842	.49667	.11264	1.7602	1.5096	.07475	.74028

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	2.3118	.06505	.56663	.24005	.88259	3.6019	25.800	
Stddev	.0010	.00016	.00189	.00040	.00095	.0196	.047	
%RSD	.04378	.24272	.33397	.16616	.10761	.54344	.18254	

#1	2.3115	.06496	.56622	.24018	.88321	3.5994	25.794	
#2	2.3130	.06495	.56869	.23961	.88307	3.6226	25.850	
#3	2.3111	.06523	.56498	.24037	.88150	3.5836	25.757	

Sample Name: S3 Acquired: 12/27/2017 11:49:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	1090.1	2044.3	52850.	9929.7	3027.1
Stddev	3.5	3.5	50.	38.4	5.2
%RSD	.31983	.16899	.09398	.38719	.17065
#1	1093.2	2042.8	52907.	9922.0	3024.4
#2	1090.8	2041.9	52831.	9895.7	3023.7
#3	1086.4	2048.3	52813.	9971.4	3033.0

Sample Name: S4 Acquired: 12/27/2017 11:53:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	.18264	.22947	3.7717	.37796	.81556	13.395	32.167	1.5811
Stddev	.00054	.00127	.0099	.00192	.00237	.038	.338	.0056
%RSD	.29695	.55152	.26210	.50691	.29052	.28010	1.0495	.35612

#1	.18326	.23090	3.7821	.38016	.81825	13.432	32.131	1.5857
#2	.18225	.22898	3.7624	.37672	.81377	13.394	32.521	1.5829
#3	.18240	.22852	3.7707	.37699	.81467	13.357	31.849	1.5748

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	4.8826	9.3526	1.2070	1.8101	1.9766	3.4393	4.2537	1.9938
Stddev	.0064	.0422	.0004	.0036	.0131	.0131	.0193	.0053
%RSD	.13062	.45116	.03431	.19720	.66104	.37958	.45353	.26649

#1	4.8783	9.3076	1.2072	1.8129	1.9889	3.4260	4.2334	1.9889
#2	4.8796	9.3912	1.2065	1.8061	1.9779	3.4521	4.2718	1.9995
#3	4.8899	9.3590	1.2073	1.8112	1.9629	3.4398	4.2560	1.9929

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	1.0556	.30721	1.0028	.22174	3.5504	3.0625	.15703	1.4364
Stddev	.0011	.00098	.0025	.00079	.0354	.0143	.00101	.0049
%RSD	.10803	.31806	.25027	.35567	.99755	.46764	.64185	.34002

#1	1.0569	.30788	1.0054	.22110	3.5121	3.0787	.15819	1.4419
#2	1.0547	.30766	1.0025	.22262	3.5571	3.0573	.15658	1.4351
#3	1.0553	.30609	1.0004	.22150	3.5820	3.0516	.15632	1.4324

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	4.5767	.13568	1.0923	.48300	1.7496	7.4105	50.172	
Stddev	.0117	.00084	.0038	.00133	.0060	.0461	.360	
%RSD	.25494	.61799	.34899	.27488	.34197	.62249	.71842	

#1	4.5888	.13665	1.0967	.48439	1.7528	7.4634	50.463	
#2	4.5655	.13528	1.0903	.48287	1.7534	7.3788	50.284	
#3	4.5758	.13512	1.0898	.48175	1.7427	7.3892	49.769	

Sample Name: S4 Acquired: 12/27/2017 11:53:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	1032.3	1942.4	51325.	9843.4	2803.0
Stddev	5.7	7.8	115.	41.9	10.0
%RSD	.54808	.40382	.22451	.42530	.35801
#1	1034.6	1933.4	51304.	9824.7	2791.7
#2	1036.5	1946.0	51223.	9814.2	2806.4
#3	1025.9	1947.7	51450.	9891.4	2810.9

Sample Name: S5 Acquired: 12/27/2017 11:57:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	.37402	.43159	7.3630	.76182	1.6739	26.541	62.056	3.1190
Stddev	.00161	.00194	.0156	.00133	.0035	.068	.672	.0133
%RSD	.43127	.45056	.21230	.17422	.20785	.25469	1.0825	.42700

#1	.37560	.43326	7.3656	.76335	1.6767	26.587	62.829	3.1280
#2	.37237	.43206	7.3771	.76094	1.6700	26.464	61.615	3.1037
#3	.37408	.42946	7.3462	.76117	1.6751	26.573	61.724	3.1252

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	9.5138	17.994	2.2882	3.5446	3.9181	6.4667	8.0506	3.8479
Stddev	.0399	.076	.0024	.0071	.0041	.0178	.0265	.0087
%RSD	.41958	.42127	.10569	.19911	.10414	.27574	.32869	.22535

#1	9.5123	17.991	2.2909	3.5458	3.9208	6.4732	8.0549	3.8526
#2	9.5544	17.920	2.2863	3.5510	3.9134	6.4465	8.0223	3.8379
#3	9.4746	18.072	2.2875	3.5370	3.9201	6.4804	8.0747	3.8532

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	2.0474	.81662	1.9672	.42424	7.4328	6.0892	.32005	2.7361
Stddev	.0039	.00259	.0064	.00035	.0075	.0101	.00220	.0040
%RSD	.19020	.31698	.32481	.08292	.10021	.16641	.68858	.14560

#1	2.0463	.81601	1.9709	.42455	7.4315	6.0884	.32132	2.7391
#2	2.0517	.81946	1.9599	.42385	7.4408	6.0795	.32133	2.7316
#3	2.0441	.81439	1.9709	.42431	7.4261	6.0997	.31750	2.7376

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	9.0311	.27350	2.0962	.94416	3.3952	14.727	96.574	
Stddev	.0168	.00112	.0037	.00449	.0095	.113	.623	
%RSD	.18637	.41074	.17409	.47567	.27865	.76887	.64549	

#1	9.0487	.27429	2.1000	.94677	3.3900	14.824	96.063	
#2	9.0294	.27400	2.0927	.94674	3.3895	14.603	96.391	
#3	9.0152	.27221	2.0960	.93898	3.4061	14.756	97.268	

Sample Name: S5 Acquired: 12/27/2017 11:57:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	921.36	1754.0	48100.	9492.8	2490.4
Stddev	5.36	6.0	145.	38.0	3.8
%RSD	.58219	.34022	.30193	.40002	.15240
#1	917.17	1748.7	48007.	9453.1	2486.1
#2	919.50	1760.5	48027.	9528.8	2493.3
#3	927.40	1752.9	48268.	9496.3	2491.7

Sample Name: S6 Acquired: 12/27/2017 12:02:02 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	68.836	28.873	16.897	6.1233	5.3841
Stddev	.361	.070	.025	.0115	.0100
%RSD	.52505	.24285	.14514	.18761	.18538

#1	69.169	28.809	16.877	6.1108	5.3950
#2	68.452	28.948	16.925	6.1334	5.3818
#3	68.887	28.861	16.889	6.1257	5.3754

Int. Std.	Y_3710
Units	Cts/S
Avg	9238.2
Stddev	49.1
%RSD	.53177

#1	9222.9
#2	9198.7
#3	9293.2

Sample Name: ICV Acquired: 12/27/2017 12:13:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	.9682094	1.117509	1.029380	1.010196	.9655437	2.413003
Stddev	.0030974	.007387	.004636	.004915	.0006449	.041726
%RSD	.3199157	.6610320	.4503201	.4865665	.0667915	1.729234

#1	.9668358	1.111235	1.024323	1.008806	.9653799	2.372240
#2	.9660362	1.115641	1.030390	1.006126	.9662548	2.411140
#3	.9717561	1.125650	1.033428	1.015657	.9649965	2.455630

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5278111	.5173666	.4850866	10.55793	.5311349	.4917738
Stddev	.0031879	.0006530	.0021621	.11016	.0016198	.0019635
%RSD	.6039918	.1262086	.4457246	1.043366	.3049778	.3992659

#1	.5286393	.5166407	.4827404	10.43855	.5312529	.4895699
#2	.5305031	.5175529	.4855203	10.57961	.5294592	.4933364
#3	.5242907	.5179061	.4869990	10.65564	.5326924	.4924152

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5084430	5.434921	.5134227	5.994247	.5047984	F .3408185
Stddev	.0018151	.078020	.0034780	.049417	.0025530	.0013808
%RSD	.3569854	1.435524	.6774078	.8244039	.5057432	.4051412

#1	.5065429	5.360143	.5094829	5.937395	.5028281	.3413260
#2	.5101590	5.428798	.5147182	6.018443	.5038847	.3418737
#3	.5086270	5.515821	.5160670	6.026903	.5076826	.3392558

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.883108	.5309208	.9647010	9.384652	F .0121954	F .0103881
Stddev	.065689	.0043272	.0084389	.047893	.0032340	.0007474
%RSD	.6646636	.8150354	.8747671	.5103286	26.51853	7.194740

#1	9.875434	.5260010	.9596934	9.337371	.0122591	.0100566
#2	9.821593	.5326250	.9744442	9.433134	.0089299	.0112439
#3	9.952298	.5341364	.9599655	9.383453	.0153971	.0098637

Sample Name: ICV Acquired: 12/27/2017 12:13:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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 .0001393	-.007415	.0007779	F .0004220	.0004772	.0030607
Stddev	.0002557	.001025	.0005727	.0012216	.0005735	.0004930
%RSD	183.6109	13.82339	73.61737	289.4951	120.1810	16.10733

#1	.0003666	-.008511	.0011854	-.000987	.0011302	.0035159
#2	.0001888	-.007252	.0001231	.001064	.0000555	.0031292
#3	-.000138	-.006481	.0010251	.001188	.0002458	.0025370

Elem	Sr4077
Units	ppm
Avg	.0121243
Stddev	.0000444
%RSD	.3665260

#1	.0121623
#2	.0121352
#3	.0120754

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1199.996	2250.250	57654.15	10067.04	3720.044
Stddev	12.556	8.491	362.78	61.88	9.444
%RSD	1.046307	.3773383	.6292272	.6147162	.2538764

#1	1192.727	2240.639	57383.89	10031.39	3710.418
#2	1192.767	2253.377	57512.10	10031.24	3720.418
#3	1214.494	2256.734	58066.45	10138.50	3729.295

Sample Name: ICB Acquired: 12/27/2017 12:17:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	.0006394	.0021758	.0001446	-.000468	-.000411	.0003622	-.001033
Stddev	.0026491	.0005965	.0006827	.002581	.000634	.0048093	.000254
%RSD	414.3205	27.41677	471.9797	551.8019	154.3244	1327.808	24.55605

#1	-.002312	.0024780	.0008477	-.002478	-.000028	-.005139	-.001318
#2	.002811	.0025607	-.000516	.002443	-.000062	.002459	-.000830
#3	.001420	.0014886	.000102	-.001368	-.001143	.003768	-.000952

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000022	.0000320	-.000730	-.000406	-.000074	.0011981	-.002375
Stddev	.0000152	.0000574	.003227	.000024	.000149	.0004665	.005880
%RSD	688.6282	179.3973	442.1009	5.954339	201.2903	38.93831	247.6387

#1	-.000015	-.000025	.001512	-.000380	-.000000	.0008662	.002045
#2	.000010	.000032	-.004428	-.000410	.000024	.0017315	-.009048
#3	.000012	.000089	.000726	-.000428	-.000246	.0009967	-.000120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002754	-.014412	.0000149	-.000179	-.065380	-.000837	-.001843
Stddev	.0003815	.009979	.0001768	.000042	.092437	.001872	.004485
%RSD	138.5243	69.23781	1189.592	23.57256	141.3851	223.7890	243.3110

#1	.0005049	-.006728	.0002156	-.000196	-.126034	.000627	.001243
#2	.0004862	-.010819	-.000118	-.000131	-.111116	-.000191	-.006988
#3	-.000165	-.025690	-.000053	-.000210	.041010	-.002947	.000215

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.056249	.0015111	.0006478	-.000164	-.020167	-.001285	.0006075
Stddev	.029731	.0013047	.0004364	.000136	.002936	.000343	.0008944
%RSD	52.85537	86.33921	67.36557	82.82280	14.55851	26.66537	147.2170

#1	-.064305	.0019898	.0011486	-.000269	-.018604	-.000940	-.000068
#2	-.081122	.0025088	.0003492	-.000212	-.018343	-.001626	.001622
#3	-.023321	.0000347	.0004455	-.000011	-.023554	-.001289	.000269

Sample Name: ICB Acquired: 12/27/2017 12:17:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	.0007457	.0005494	-.000040
Stddev	.0008818	.0001495	.000015
%RSD	118.2385	27.20843	38.00377

#1	.0014733	.0004621	-.000049
#2	-.000235	.0007220	-.000023
#3	.000999	.0004641	-.000049

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1224.501	2319.614	59304.09	10133.70	4031.802
Stddev	5.399	13.500	198.90	84.81	24.997
%RSD	.4409348	.5820023	.3353850	.8368655	.6199940

#1	1223.148	2304.032	59237.11	10036.13	4004.444
#2	1219.907	2327.020	59147.32	10175.33	4037.512
#3	1230.448	2327.790	59527.83	10189.65	4053.450

Sample Name: ICSA Acquired: 12/27/2017 12:21:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	.0077604	-.007040	-.000182	.0024618	.0060823	250.1936
Stddev	.0051519	.003227	.002651	.0046846	.0038950	.6192
%RSD	66.38642	45.83395	1459.508	190.2925	64.03782	.2474904

#1	.0059619	-.010597	.002153	.0020065	.0095487	249.9794
#2	.0037490	-.006222	-.003064	-.001979	.0068308	249.7100
#3	.0135705	-.004301	.000365	.007357	.0018674	250.8915

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053720	.0009537	.0031621	258.5496	.0593879	.0008529
Stddev	.0003421	.0001392	.0001644	3.0459	.0003547	.0004672
%RSD	6.368240	14.59829	5.197508	1.178090	.5973178	54.78500

#1	.0050144	.0009141	.0030963	255.0407	.0597627	.0008089
#2	.0054053	.0011084	.0033492	260.0943	.0593436	.0013405
#3	.0056962	.0008385	.0030409	260.5137	.0590574	.0004092

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006013	102.4062	.0113628	267.6906	.0003501	-.005328
Stddev	.0009361	.7916	.0001159	2.3947	.0002343	.000242
%RSD	155.6661	.7730442	1.019564	.8945722	66.92938	4.539471

#1	.0002931	101.4946	.0112644	265.0290	.0005903	-.005119
#2	-.000142	102.8037	.0113336	268.3720	.0001221	-.005593
#3	.001653	102.9203	.0114905	269.6707	.0003378	-.005272

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2172743	.0019869	.0038839	-.109029	-.001514	F .1452582
Stddev	.0321358	.0037377	.0042197	.044149	.001376	.0013539
%RSD	14.79043	188.1160	108.6455	40.49302	90.92278	.9320872

#1	.1834682	.0002927	.0009233	-.143630	-.003088	.1438328
#2	.2474276	.0062717	.0087156	-.059306	-.000542	.1465270
#3	.2209270	-.000604	.0020127	-.124152	-.000910	.1454149

Sample Name: ICSA Acquired: 12/27/2017 12:21:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	.0000110	-.004880	-.005946	-.002333	.0010621	.0025240
Stddev	.0003488	.001693	.000736	.000881	.0000956	.0008811
%RSD	3163.626	34.68559	12.37680	37.74575	9.002040	34.90914

#1	-.000206	-.003128	-.005123	-.001665	.0009518	.0019073
#2	.000413	-.006507	-.006175	-.002002	.0011137	.0035331
#3	-.000174	-.005004	-.006540	-.003331	.0011209	.0021315

Elem	Sr4077
Units	ppm
Avg	.1048891
Stddev	.0003209
%RSD	.3058904

#1	.1052368
#2	.1046044
#3	.1048262

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1066.501	2025.599	50820.98	9616.131	2922.193
Stddev	4.634	9.371	211.97	16.681	2.982
%RSD	.4345444	.4626212	.4170854	.1734673	.1020509

#1	1062.172	2018.378	50683.02	9596.870	2918.938
#2	1065.941	2022.232	50714.88	9625.699	2922.848
#3	1071.390	2036.189	51065.05	9625.825	2924.794

Sample Name: ICSAB Acquired: 12/27/2017 12:25:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	.0936108	.0875049	.0474579	.0500321	.5769836	242.5276
Stddev	.0075862	.0029429	.0008096	.0010982	.0034249	.3086
%RSD	8.104018	3.363075	1.706047	2.194919	.5935886	.1272282

#1	.0994213	.0842859	.0483895	.0510020	.5809237	242.3390
#2	.0850284	.0881717	.0470604	.0488397	.5753077	242.8837
#3	.0963825	.0900572	.0469239	.0502544	.5747193	242.3601

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5242316	.4956297	1.002475	252.1289	.5621830	.4987942
Stddev	.0026258	.0044101	.002833	2.0599	.0037401	.0010284
%RSD	.5008861	.8897994	.2826255	.8170035	.6652892	.2061860

#1	.5234744	.4913732	1.000058	252.9832	.5603531	.4978305
#2	.5271528	.4953370	1.001774	253.6242	.5597102	.4986751
#3	.5220676	.5001788	1.005593	249.7793	.5664858	.4998770

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4959053	99.50738	.4974041	260.4120	1.003686	F .1527313
Stddev	.0042237	.60177	.0010701	.7981	.000888	.0005954
%RSD	.8517193	.6047441	.2151285	.3064817	.0884481	.3898170

#1	.4915165	99.93236	.4979008	260.6109	1.004410	.1527874
#2	.4999419	99.77100	.4981356	261.0919	1.002696	.1532966
#3	.4962574	98.81880	.4961760	259.5333	1.003953	.1521098

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1967633	.5001582	1.053569	-.281409	.0091171	F .1419579
Stddev	.0345366	.0029981	.029838	.015819	.0005083	.0018877
%RSD	17.55237	.5994297	2.832068	5.621482	5.575620	1.329787

#1	.2181042	.5036151	1.081590	-.286594	.0095499	.1426819
#2	.1569175	.4985921	1.056920	-.293986	.0085573	.1433764
#3	.2152681	.4982676	1.022197	-.263648	.0092443	.1398153

Sample Name: ICSAB Acquired: 12/27/2017 12:25:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) 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	.0008695	-.000927	-.004934	-.002770	.0012607	.0017436
Stddev	.0006056	.005025	.002422	.000312	.0009365	.0003150
%RSD	69.64481	541.8485	49.09402	11.26269	74.28406	18.06577

#1	.0015090	.000415	-.006559	-.002692	.0012686	.0020021
#2	.0003048	-.006487	-.002150	-.002504	.0021933	.0018359
#3	.0007948	.003290	-.006094	-.003113	.0003203	.0013928

Elem	Sr4077
Units	ppm
Avg	.1020213
Stddev	.0003528
%RSD	.3458256

#1	.1018235
#2	.1024287
#3	.1018118

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1059.856	2036.533	51364.67	9807.712	2962.898
Stddev	18.611	16.366	416.75	28.327	23.959
%RSD	1.756009	.8036378	.8113508	.2888275	.8086477

#1	1044.020	2018.563	51076.12	9803.750	2935.294
#2	1055.192	2040.450	51175.43	9781.574	2975.093
#3	1080.355	2050.585	51842.46	9837.812	2978.306

Sample Name: CCV061 Acquired: 12/27/2017 12:29:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.086038	4.740706	24.78450	5.057079	5.056237	398.3611
Stddev	.015615	.009633	.05063	.019174	.013352	.1228
%RSD	.3070207	.2031994	.2042633	.3791431	.2640693	.0308161

#1	5.103870	4.748394	24.84292	5.069047	5.071287	398.4293
#2	5.079432	4.729900	24.75701	5.067226	5.051612	398.2194
#3	5.074811	4.743823	24.75356	5.034964	5.045812	398.4347

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.28911	.5149323	2.524404	400.6495	15.36227	2.503922
Stddev	.03695	.0008507	.012145	4.2546	.04352	.006817
%RSD	.3591520	.1652146	.4811187	1.061925	.2832648	.2722728

#1	10.24653	.5141349	2.538310	395.7433	15.32465	2.511682
#2	10.31281	.5148341	2.515879	402.8825	15.35224	2.501190
#3	10.30799	.5158279	2.519023	403.3227	15.40993	2.498895

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.29420	395.4408	14.94250	406.6812	2.500567	F 1.409877
Stddev	.03927	2.6465	.14016	2.7807	.011324	.004926
%RSD	.2567737	.6692543	.9379675	.6837471	.4528595	.3494192

#1	15.32283	392.4494	14.78247	403.5427	2.513201	1.406109
#2	15.31035	396.3954	15.00158	407.6639	2.491333	1.415452
#3	15.24943	397.4776	15.04343	408.8372	2.497165	1.408071

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	394.4911	2.536263	15.77225	154.8018	5.100917	5.418501
Stddev	.8288	.009532	.15527	.4452	.031919	.003279
%RSD	.2101011	.3758172	.9844378	.2875772	.6257584	.0605193

#1	393.5417	2.525438	15.61128	155.1947	5.132826	5.417686
#2	395.0709	2.543396	15.78437	154.8925	5.100938	5.422111
#3	394.8605	2.539956	15.92110	154.3183	5.068987	5.415707

Sample Name: CCV061 Acquired: 12/27/2017 12:29:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV061 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.065337	5.148031	5.031047	5.099306	5.082822	5.337875
Stddev	.009106	.033963	.002995	.021442	.021981	.008409
%RSD	.1797711	.6597249	.0595323	.4204977	.4324617	.1575400

#1	5.075850	5.183868	5.034463	5.123892	5.057489	5.344923
#2	5.060234	5.116319	5.028873	5.089544	5.096851	5.340136
#3	5.059927	5.143905	5.029805	5.084481	5.094125	5.328567

Elem	Sr4077
Units	ppm
Avg	5.148519
Stddev	.027539
%RSD	.5348875

#1	5.146939
#2	5.176814
#3	5.121804

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	956.0332	1792.727	47965.70	9317.438	2519.990
Stddev	1.5286	6.151	173.03	30.837	8.115
%RSD	.1598914	.3431348	.3607336	.3309612	.3220189

#1	956.0217	1799.587	47961.63	9306.625	2527.717
#2	957.5676	1790.892	47794.75	9293.463	2520.717
#3	954.5104	1787.702	48140.73	9352.225	2511.536

Sample Name: CCB061 Acquired: 12/27/2017 12:33:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003201	.0031779	.0008668	.0020555	-.000007	.0062282	-.001050
Stddev	.001386	.0013673	.0012350	.0002944	.000852	.0023659	.000122
%RSD	43.31245	43.02380	142.4816	14.32159	12895.21	37.98617	11.66324

#1	-.002695	.0016694	-.000555	.0023497	-.000937	.0055456	-.000974
#2	-.004769	.0043355	.001480	.0020558	.000184	.0042787	-.001191
#3	-.002138	.0035289	.001675	.0017609	.000734	.0088603	-.000984

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000136	-.000034	.0067143	.0002504	-.000123	.0018812	.0019328
Stddev	.0000545	.000077	.0057053	.0000575	.000238	.0004669	.0020430
%RSD	399.6585	227.6267	84.97123	22.94989	193.1450	24.81776	105.6989

#1	-.000036	-.000056	.0133014	.0001841	-.000157	.0015921	.0016865
#2	.000072	-.000097	.0035082	.0002858	.000130	.0024198	.0000242
#3	.000004	.000052	.0033334	.0002814	-.000342	.0016317	.0040878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006461	-.007698	-.000119	.0000983	-.024772	.0010486	-.004451
Stddev	.0003482	.006492	.000194	.0001435	.114258	.0002804	.000065
%RSD	53.89926	84.33588	162.7820	145.9500	461.2294	26.74037	1.469133

#1	.0005663	-.007145	-.000223	.0001822	.042474	.0011062	-.004427
#2	.0003447	-.001499	-.000240	-.000067	.039906	.0012956	-.004401
#3	.0010273	-.014448	.000105	.000180	-.156698	.0007438	-.004525

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054281	.0004266	.0035666	.0001880	-.024433	-.000876	.0001093
Stddev	.005951	.0015460	.0003097	.0000770	.002920	.001066	.0006384
%RSD	10.96249	362.4151	8.683026	40.93170	11.95114	121.6855	583.9928

#1	-.052042	-.001305	.0032597	.0002304	-.027048	.000180	-.000099
#2	-.049774	.001670	.0035610	.0000992	-.024968	-.000856	.000826
#3	-.061026	.000915	.0038790	.0002345	-.021282	-.001953	-.000399

Sample Name: CCB061 Acquired: 12/27/2017 12:33:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB061 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011682	.0038514	.0000225
Stddev	.0005886	.0002189	.0000226
%RSD	50.38405	5.684361	100.3282

#1	.0008742	.0040496	.0000028
#2	.0007845	.0038881	.0000175
#3	.0018458	.0036164	.0000472

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1223.828	2333.097	59173.37	10068.84	4043.777
Stddev	4.563	5.952	276.52	67.65	1.752
%RSD	.3728280	.2550998	.4673093	.6719062	.0433346

#1	1219.313	2327.406	59002.69	9999.88	4042.956
#2	1228.437	2332.606	59025.01	10071.55	4042.586
#3	1223.735	2339.279	59492.41	10135.10	4045.789

Sample Name: I6800-10A Acquired: 12/27/2017 14:05:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC02B3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1497267	-.034193	.2988930	.0099565	.0029208	89.16793	.8669208
Stddev	.0008157	.001388	.0020821	.0026666	.0024010	.84572	.0092309
%RSD	.5447819	4.057918	.6966082	26.78253	82.20422	.9484535	1.064798

#1	.1503653	-.034779	.3011244	.0130253	.0001503	88.19138	.8562727
#2	.1500070	-.035191	.2985523	.0086410	.0043955	89.65770	.8718279
#3	.1488078	-.032608	.2970022	.0082033	.0042165	89.65471	.8726619

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136465	.0291321	135.6004	3.578406	.2538663	.2888116	311.7234
Stddev	.0000131	.0002233	1.1208	.010764	.0017622	.0025395	2.4616
%RSD	.0957642	.7664584	.8265413	.3007946	.6941626	.8792919	.7896799

#1	.0136616	.0293873	134.3638	3.568002	.2558758	.2858821	308.9849
#2	.0136379	.0289726	136.5494	3.577718	.2531392	.2903882	313.7523
#3	.0136401	.0290365	135.8881	3.589497	.2525840	.2901646	312.4328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.587825	96.80803	2.511906	-.012086	6.436253	.4054115	2.035671
Stddev	.048581	.74291	.004237	.000101	.020828	.0039309	.014491
%RSD	.7374377	.7674046	.1686835	.8376678	.3236101	.9696022	.7118303

#1	6.533014	95.95315	2.515623	-.012193	6.412613	.4012633	2.019955
#2	6.625572	97.29712	2.512803	-.012072	6.444242	.4090812	2.048502
#3	6.604887	97.17382	2.507292	-.011992	6.451904	.4058900	2.038556

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.70857	12.26105	.4845246	.0059816	9.302223	11.24225	.0195781
Stddev	.25772	.05081	.0071442	.0003595	.010505	.01569	.0007704
%RSD	1.377551	.4144028	1.474465	6.010744	.1129282	.1395940	3.935232

#1	18.41110	12.29906	.4767146	.0062458	9.302926	11.25595	.0188652
#2	18.85014	12.20334	.4907300	.0055722	9.291385	11.24568	.0194737
#3	18.86447	12.28076	.4861291	.0061269	9.312359	11.22513	.0203954

Sample Name: I6800-10A Acquired: 12/27/2017 14:05:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC02B3A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.977756	.1781564	.9840756
Stddev	.019477	.0026399	.0096128
%RSD	.9848273	1.481765	.9768335

#1	1.956019	.1752088	.9730250
#2	1.993624	.1789577	.9905064
#3	1.983625	.1803028	.9886952

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1211.985	2290.433	60648.35	11327.57	3085.452
Stddev	6.219	19.487	316.36	45.09	20.817
%RSD	.5131505	.8508075	.5216337	.3980123	.6746885

#1	1211.363	2270.543	60780.88	11351.89	3064.135
#2	1206.101	2291.265	60287.27	11275.54	3086.491
#3	1218.493	2309.491	60876.89	11355.27	3105.730

Sample Name: CCV062 Acquired: 12/27/2017 14:09:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.030737	4.721685	24.61121	4.983085	4.964150	391.8074
Stddev	.009273	.017635	.00411	.015100	.020828	.1254
%RSD	.1843304	.3734861	.0167147	.3030298	.4195690	.0320175

#1	5.039720	4.736604	24.61103	4.998096	4.984692	391.6725
#2	5.021199	4.726227	24.60719	4.967897	4.964710	391.9205
#3	5.031292	4.702223	24.61541	4.983262	4.943048	391.8294

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09741	.5156032	2.527035	395.2726	15.32658	2.485478
Stddev	.02191	.0031429	.004465	2.1143	.05396	.003139
%RSD	.2169877	.6095534	.1766744	.5349070	.3520781	.1262901

#1	10.10830	.5147470	2.522693	394.1388	15.26430	2.482455
#2	10.11174	.5129771	2.526799	393.9669	15.35608	2.488721
#3	10.07219	.5190854	2.531613	397.7120	15.35936	2.485259

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.10751	389.2181	14.73129	401.1229	2.486833	F 1.391381
Stddev	.01775	1.3340	.06140	.9361	.000982	.008878
%RSD	.1174979	.3427419	.4168204	.2333818	.0394979	.6380372

#1	15.12558	389.2835	14.70904	401.1856	2.487123	1.381813
#2	15.10687	387.8526	14.68412	400.1570	2.485738	1.399352
#3	15.09010	390.5182	14.80072	402.0262	2.487637	1.392977

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	387.6906	2.511477	15.06631	152.6690	5.091294	5.385301
Stddev	.1286	.004270	.04450	.0778	.025239	.024707
%RSD	.0331699	.1700167	.2953438	.0509619	.4957292	.4587868

#1	387.5447	2.507357	15.05624	152.7486	5.083931	5.369647
#2	387.7399	2.515882	15.11498	152.5931	5.119396	5.372472
#3	387.7873	2.511193	15.02770	152.6652	5.070556	5.413784

Sample Name: CCV062 Acquired: 12/27/2017 14:09:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV062 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.011760	5.149441	5.016750	5.088367	5.025786	5.223035
Stddev	.009231	.002790	.026609	.004022	.014698	.014295
%RSD	.1841809	.0541896	.5304083	.0790460	.2924421	.2736962

#1	5.022224	5.152458	5.018870	5.084538	5.009504	5.210667
#2	5.008284	5.148911	4.989144	5.088006	5.029779	5.238686
#3	5.004772	5.146953	5.042236	5.092558	5.038073	5.219753

Elem	Sr4077
Units	ppm
Avg	5.038990
Stddev	.036085
%RSD	.7161222

#1	5.079761
#2	5.011161
#3	5.026047

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	970.1312	1842.127	48289.16	9304.882	2578.136
Stddev	10.6227	7.318	294.32	63.275	8.623
%RSD	1.094978	.3972783	.6094958	.6800223	.3344721

#1	962.1266	1834.178	48108.86	9232.710	2570.756
#2	966.0844	1843.617	48129.83	9350.823	2576.038
#3	982.1825	1848.585	48628.80	9331.113	2587.615

Sample Name: CCB062 Acquired: 12/27/2017 14:13:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000712	.0040659	.0050537	.0015258	.0000926	.0167907	-.000719
Stddev	.001558	.0005248	.0017821	.0016144	.0005181	.0090516	.000491
%RSD	218.7373	12.90830	35.26338	105.8057	559.3637	53.90825	68.20958

#1	-.000170	.0046435	.0066722	-.000241	-.000117	.0122319	-.001199
#2	.000502	.0036183	.0053451	.001895	.000683	.0109250	-.000740
#3	-.002469	.0039360	.0031439	.002924	-.000288	.0272153	-.000219

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000053	.0003390	.0259093	.0023998	.0002057	.0028249	.0178148
Stddev	.0000686	.0001002	.0187772	.0004981	.0001162	.0006484	.0158077
%RSD	1290.906	29.56134	72.47268	20.75619	56.50309	22.95224	88.73356

#1	.0000024	.0002999	.0096060	.0019979	.0000971	.0029385	.0051024
#2	.0000753	.0004529	.0216822	.0022445	.0001917	.0021272	.0128274
#3	-.000062	.0002643	.0464397	.0029571	.0003283	.0034090	.0355147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009383	.0195295	-.000180	.0004579	-.051059	-.001779	-.003204
Stddev	.0006685	.0233483	.000212	.0004961	.189942	.000934	.001783
%RSD	71.23863	119.5540	117.6240	108.3375	372.0045	52.47517	55.62662

#1	.0002311	.0076625	.000023	.0008098	-.261214	-.001065	-.005103
#2	.0015598	.0044982	-.000400	.0006733	.108371	-.002836	-.001567
#3	.0010241	.0464279	-.000164	-.000109	-.000335	-.001437	-.002944

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.107048	.0020154	.0029414	.0006275	-.012803	-.002349	.0010923
Stddev	.011382	.0021671	.0003503	.0001376	.003991	.000873	.0001927
%RSD	10.63306	107.5274	11.90854	21.93009	31.16976	37.15492	17.64617

#1	-.112820	.0013872	.0026732	.0007855	-.015868	-.003300	.0013008
#2	-.093936	.0002318	.0033377	.0005631	-.008291	-.002164	.0009206
#3	-.114388	.0044272	.0028133	.0005340	-.014251	-.001584	.0010554

Sample Name: CCB062 Acquired: 12/27/2017 14:13:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB062 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011374	.0034258	.0002784
Stddev	.0000404	.0005784	.0002428
%RSD	3.551867	16.88289	87.22630

#1	.0011806	.0039941	.0000759
#2	.0011309	.0034455	.0002116
#3	.0011006	.0028378	.0005476

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1224.954	2327.135	59082.20	9994.408	4002.303
Stddev	9.124	11.439	173.02	46.307	11.226
%RSD	.7448432	.4915495	.2928517	.4633267	.2804943

#1	1215.210	2315.887	58891.86	9944.525	3990.206
#2	1226.358	2338.756	59124.80	10002.67	4012.386
#3	1233.295	2326.763	59229.95	10036.03	4004.317

Sample Name: PB105364BL Acquired: 12/27/2017 14:17:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000151	.0018626	.0011030	.0011968	-.000386	.0011176	-.001265
Stddev	.0020668	.0019068	.0010131	.0034474	.001475	.0028781	.000236
%RSD	13728.83	102.3728	91.85446	288.0538	382.1728	257.5139	18.62488

#1	.0017648	.0034493	.0014432	-.001637	.001032	-.001142	-.001531
#2	.0005457	.0023912	.0019022	.005035	-.001913	.004358	-.001180
#3	-.002265	-.000253	-.000036	.000192	-.000277	.000137	-.001083

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000031	-.000038	.0003801	.0001612	-.000010	.0012664	.0026100
Stddev	.000022	.000058	.0082271	.0001869	.000076	.0006859	.0020763
%RSD	71.60299	152.8352	2164.736	115.9378	798.6128	54.15662	79.55228

#1	-.000020	.000021	-.008949	.0002108	-.000081	.0009443	.0046228
#2	-.000017	-.000094	.006596	-.000046	-.000018	.0008009	.0027317
#3	-.000057	-.000040	.003494	.000318	.000070	.0020540	.0004755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003322	.0035051	-.000365	.0000268	-.103284	.0005565	-.003755
Stddev	.0005712	.0086040	.000290	.0001612	.061085	.0007114	.000394
%RSD	171.9241	245.4736	79.46300	601.5575	59.14251	127.8321	10.49147

#1	-.000311	.0099334	-.000660	.0001836	-.129153	.0001274	-.004200
#2	.000781	-.006269	-.000080	.0000352	-.033521	.0013777	-.003615
#3	.000526	.006851	-.000354	-.000138	-.147177	.0001645	-.003451

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.178027	.0003494	-.000564	.0001797	-.016694	-.002725	.0001542
Stddev	.025924	.0005352	.000933	.0000937	.000841	.000048	.0006665
%RSD	14.56178	153.1501	165.4666	52.16550	5.035090	1.761077	432.2056

#1	-.191514	-.000241	-.000695	.0000744	-.015724	-.002717	-.000603
#2	-.194426	.000488	-.001424	.0002105	-.017218	-.002681	.000653
#3	-.148140	.000802	.000428	.0002541	-.017139	-.002776	.000413

Sample Name: PB105364BL Acquired: 12/27/2017 14:17:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009907	.0000005	-.000009
Stddev	.0003480	.0000974	.000024
%RSD	35.12273	20106.72	276.1019

#1	.0006486	-.000020	-.000033
#2	.0009793	-.000085	.000016
#3	.0013442	.000107	-.000009

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1224.434	2310.337	59212.99	10034.50	4017.317
Stddev	5.425	9.824	91.25	82.73	11.286
%RSD	.4430723	.4252355	.1541010	.8244503	.2809240

#1	1220.935	2299.133	59288.31	9939.35	4004.516
#2	1221.684	2314.395	59111.52	10089.43	4025.834
#3	1230.684	2317.482	59239.14	10074.73	4021.600

Sample Name: PB105366BL Acquired: 12/27/2017 14:25:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002702	.0017647	-.000422	-.000515	-.000485	.0001200	-.001171
Stddev	.0022110	.0012867	.001620	.001757	.001248	.0058212	.000240
%RSD	818.3139	72.91544	384.2770	340.9126	257.5710	4852.128	20.50260

#1	-.001158	.0031632	-.000283	-.001356	-.001447	.0047988	-.001255
#2	.002817	.0006308	.001125	-.001695	.000926	.0019600	-.001358
#3	-.000848	.0015001	-.002107	.001504	-.000933	-.006399	-.000900

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000043	.0000054	.0070937	.0000331	-.000134	.0007356	-.003294
Stddev	.000016	.0001035	.0057586	.0001633	.000069	.0001482	.001001
%RSD	37.90237	1927.226	81.17905	493.3031	51.33688	20.14360	30.39564

#1	-.000030	.0000169	.0009310	.0000617	-.000060	.0005645	-.003459
#2	-.000061	.0001026	.0123377	.0001802	-.000144	.0008227	-.004202
#3	-.000037	-.000103	.0080125	-.000143	-.000197	.0008196	-.002220

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000816	.0133062	-.000261	-.000010	-.160202	-.000691	.0009188
Stddev	.0002852	.0097398	.000136	.000080	.136066	.001413	.0031851
%RSD	349.6082	73.19746	52.08077	764.6930	84.93439	204.6159	346.6565

#1	.0002956	.0200028	-.000407	-.000080	-.212860	-.002322	-.001938
#2	.0001913	.0177828	-.000241	.000077	-.005676	.000088	.004353
#3	-.000242	.0021329	-.000137	-.000028	-.262069	.000162	.000341

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.217520	-.000999	-.002163	.0000402	-.022288	-.003550	.0001655
Stddev	.039331	.001845	.000421	.0002255	.000605	.000970	.0005696
%RSD	18.08151	184.6225	19.45586	561.1916	2.713745	27.32381	344.1084

#1	-.255784	-.003053	-.002646	.0001593	-.021590	-.003294	.0004562
#2	-.219572	-.000462	-.001970	.0001811	-.022620	-.004622	-.000491
#3	-.177203	.000517	-.001873	-.000220	-.022655	-.002733	.000531

Sample Name: PB105366BL Acquired: 12/27/2017 14:25:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011179	-.001463	.0000015
Stddev	.0004184	.000468	.0000177
%RSD	37.42289	31.99824	1175.696

#1	.0006365	-.001505	.0000015
#2	.0013930	-.001909	-.000016
#3	.0013242	-.000975	.000019

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1257.304	2383.307	60156.92	10167.74	4111.776
Stddev	7.404	13.640	229.64	37.47	13.819
%RSD	.5888820	.5723139	.3817362	.3685063	.3360897

#1	1257.452	2370.647	59986.19	10166.95	4097.675
#2	1264.633	2381.523	60418.00	10205.60	4112.357
#3	1249.827	2397.751	60066.58	10130.67	4125.295

Sample Name: PB105366BS Acquired: 12/27/2017 14:30:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190096	.0526955	.0198443	.0685484	.1138479	.3884488
Stddev	.0026580	.0010996	.0007220	.0013754	.0014281	.0046529
%RSD	13.98230	2.086656	3.638149	2.006512	1.254411	1.197821

#1	.0206023	.0518642	.0193556	.0692222	.1127095	.3933568
#2	.0159412	.0539423	.0195037	.0694571	.1154503	.3878877
#3	.0204853	.0522800	.0206735	.0669660	.1133838	.3841019

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4157634	.0106259	.0096919	10.49456	.0221114	.0939237
Stddev	.0007395	.0000631	.0000723	.05705	.0004258	.0000472
%RSD	.1778587	.5941436	.7458538	.5436537	1.925715	.0502873

#1	.4160507	.0106975	.0097741	10.51492	.0219018	.0938691
#2	.4163161	.0105781	.0096635	10.43011	.0226014	.0939520
#3	.4149234	.0106022	.0096382	10.53863	.0218310	.0939499

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0524996	.2225243	.0310459	9.918463	.0785292	.0174815
Stddev	.0010078	.0048696	.0003810	.010796	.0003203	.0001023
%RSD	1.919687	2.188321	1.227050	.1088452	.4078578	.5851890

#1	.0528857	.2184744	.0313593	9.926355	.0788940	.0173944
#2	.0513558	.2279273	.0306219	9.906161	.0782939	.0174559
#3	.0532573	.2211712	.0311564	9.922874	.0783999	.0175941

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.829201	.1037085	.1125479	9.084128	.0240405	F .0194877
Stddev	.114943	.0019270	.0046672	.045805	.0005773	.0014850
%RSD	1.169405	1.858097	4.146829	.5042277	2.401186	7.620171

#1	9.701136	.1058916	.1080339	9.116568	.0242700	.0200024
#2	9.923424	.1022444	.1173545	9.104085	.0244676	.0178138
#3	9.863043	.1029893	.1122554	9.031731	.0233837	.0206469

Sample Name: PB105366BS Acquired: 12/27/2017 14:30:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206904	.1491362	.2070861	F .0130443	.1995337	.0936297
Stddev	.0000934	.0039142	.0007730	.0004991	.0010527	.0003584
%RSD	.4512677	2.624611	.3732803	3.825953	.5275716	.3828205

#1	.0206048	.1500733	.2063376	.0131496	.2005899	.0936843
#2	.0207900	.1524968	.2070393	.0134824	.1984846	.0939577
#3	.0206764	.1448384	.2078815	.0125010	.1995267	.0932471

Elem	Sr4077
Units	ppm
Avg	.2029848
Stddev	.0004042
%RSD	.1991442

#1	.2034389
#2	.2028515
#3	.2026641

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1206.667	2291.366	57516.28	10000.30	3787.093
Stddev	4.433	9.958	272.64	101.84	13.564
%RSD	.3673513	.4346022	.4740271	1.018415	.3581722

#1	1203.372	2287.248	57330.82	9886.16	3776.530
#2	1204.922	2284.126	57388.70	10032.87	3782.360
#3	1211.706	2302.722	57829.32	10081.88	3802.390

Sample Name: I7063-01 Acquired: 12/27/2017 14:40:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5D3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1223427	-.022002	.3931801	.0113122	.0056824	121.1230	.8209195
Stddev	.0023438	.002742	.0024111	.0030200	.0012220	.1155	.0029916
%RSD	1.915776	12.46375	.6132191	26.69634	21.50582	.0953449	.3644259

#1	.1220791	-.020647	.3957947	.0109731	.0066236	121.2548	.8190969
#2	.1201418	-.025158	.3910445	.0144874	.0043013	121.0399	.8192895
#3	.1248071	-.020202	.3927011	.0084761	.0061221	121.0742	.8243722

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069935	.0079680	3.558510	.1857025	.0786309	.1197523	244.8576
Stddev	.0000310	.0001196	.117522	.0014537	.0004487	.0006004	1.1139
%RSD	.4432208	1.501643	3.302562	.7828266	.5706887	.5013244	.4549297

#1	.0069826	.0080959	3.686869	.1849160	.0790108	.1201458	243.6749
#2	.0069694	.0078589	3.456193	.1873800	.0781358	.1190613	245.0108
#3	.0070285	.0079492	3.532467	.1848115	.0787460	.1200499	245.8869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.514039	18.24968	.1548846	-.009134	2.100746	.3451994	.3152628
Stddev	.014626	.01425	.0014429	.000244	.038270	.0025341	.0043754
%RSD	.5817682	.0781047	.9315635	2.671957	1.821712	.7341040	1.387851

#1	2.498692	18.23419	.1532238	-.009193	2.062776	.3429530	.3157721
#2	2.515608	18.25259	.1558295	-.009344	2.139308	.3446988	.3106551
#3	2.527817	18.26225	.1556005	-.008866	2.100154	.3479465	.3193613

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.243380	1.407541	.3460658	.0099840	1.313762	8.340186	.0076254
Stddev	.009505	.005250	.0028372	.0006446	.007080	.087812	.0012524
%RSD	.1522439	.3729748	.8198330	6.456695	.5388894	1.052875	16.42351

#1	6.253253	1.403004	.3429214	.0105774	1.311305	8.333805	.0090417
#2	6.242595	1.406327	.3468417	.0092981	1.308237	8.255738	.0071706
#3	6.234292	1.413291	.3484342	.0100765	1.321743	8.431014	.0066640

Sample Name: I7063-01 Acquired: 12/27/2017 14:40:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5D3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.202888	.0713835	.0887843
Stddev	.016151	.0009223	.0001129
%RSD	1.342659	1.292106	.1272209

#1	1.186821	.0720055	.0886742
#2	1.219121	.0718213	.0889000
#3	1.202721	.0703238	.0887788

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1244.339	2345.875	60297.20	10960.55	3418.931
Stddev	3.557	4.565	127.59	23.18	3.704
%RSD	.2858616	.1946159	.2116044	.2114950	.1083525

#1	1242.907	2345.291	60149.88	10936.04	3416.273
#2	1248.389	2341.629	60370.09	10982.13	3417.358
#3	1241.721	2350.704	60371.64	10963.49	3423.163

Sample Name: I7063-02 Acquired: 12/27/2017 14:45:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5D3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1192427	-.020524	.3905155	.0129379	.0050317	120.1091	.8131633
Stddev	.0033868	.003385	.0052533	.0029311	.0038726	1.1144	.0082631
%RSD	2.840221	16.49108	1.345230	22.65512	76.96283	.9277833	1.016168

#1	.1231533	-.019281	.3957050	.0112245	.0022556	120.9153	.8165231
#2	.1173087	-.017937	.3906411	.0163223	.0094556	120.5745	.8192173
#3	.1172661	-.024355	.3852005	.0112668	.0033838	118.8375	.8037496

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069899	.0071397	3.474171	.1866447	.0784525	.1195370	243.2510
Stddev	.0001165	.0001227	.039576	.0005233	.0002802	.0026922	2.3889
%RSD	1.666904	1.718057	1.139152	.2803862	.3571213	2.252208	.9820641

#1	.0070908	.0072694	3.517417	.1861383	.0787437	.1204491	245.1363
#2	.0070164	.0071243	3.465338	.1866124	.0784289	.1216547	244.0522
#3	.0068624	.0070255	3.439758	.1871835	.0781849	.1165073	240.5645

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.495882	18.09005	.1548080	-.009564	2.017525	.3428318	.3159832
Stddev	.025152	.23623	.0015400	.000079	.040767	.0063812	.0018277
%RSD	1.007741	1.305856	.9947669	.8286244	2.020625	1.861309	.5783997

#1	2.518229	18.31107	.1564384	-.009477	2.005793	.3492279	.3150629
#2	2.500774	18.11799	.1533781	-.009585	1.983911	.3428019	.3180881
#3	2.468644	17.84109	.1546074	-.009631	2.062871	.3364657	.3147986

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.170710	1.400063	.3486009	.0104304	1.294388	8.306501	.0084617
Stddev	.037055	.012466	.0041809	.0002982	.008467	.179275	.0001706
%RSD	.6005026	.8903585	1.199343	2.858851	.6541100	2.158243	2.015545

#1	6.212982	1.414380	.3507322	.0106616	1.304163	8.207332	.0082991
#2	6.155308	1.391617	.3512866	.0105357	1.289657	8.513450	.0086392
#3	6.143839	1.394191	.3437838	.0100938	1.289344	8.198721	.0084467

Sample Name: I7063-02 Acquired: 12/27/2017 14:45:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5D3D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.196508	.0702826	.0882654
Stddev	.006445	.0006795	.0008770
%RSD	.5386516	.9668315	.9936501

#1	1.203403	.0708894	.0890266
#2	1.195485	.0704101	.0884633
#3	1.190636	.0695484	.0873064

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1258.309	2384.879	60639.26	11100.09	3454.809
Stddev	11.620	12.026	324.88	141.97	15.317
%RSD	.9234714	.5042555	.5357557	1.278993	.4433504

#1	1262.474	2371.182	60778.55	10993.51	3437.127
#2	1245.180	2389.748	60267.97	11045.52	3463.336
#3	1267.273	2393.708	60871.28	11261.25	3463.965

Sample Name: I7063-03 Acquired: 12/27/2017 14:49:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5D3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1924229	.0874869	.4276906	.1124704	.2118060	121.8195	5.366575
Stddev	.0021532	.0040310	.0025592	.0030151	.0021549	.3300	.035256
%RSD	1.118997	4.607567	.5983714	2.680831	1.017380	.2708872	.6569576

#1	.1929469	.0920294	.4251546	.1145842	.2133364	121.8566	5.363381
#2	.1942658	.0860949	.4302724	.1138094	.2127400	121.4726	5.333025
#3	.1900561	.0843363	.4276448	.1090177	.2093417	122.1294	5.403320

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1142824	.1208912	3.316028	.6350696	1.205714	.6453759	240.9439
Stddev	.0005392	.0005101	.002874	.0022853	.000653	.0023477	.9048
%RSD	.4717991	.4219748	.0866805	.3598426	.0541813	.3637666	.3755274

#1	.1141334	.1214335	3.313322	.6329891	1.206459	.6464133	240.2811
#2	.1138334	.1208192	3.319046	.6347041	1.205239	.6426883	240.5758
#3	.1148804	.1204209	3.315718	.6375156	1.205443	.6470262	241.9747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.553148	17.71339	1.290929	.1430777	2.053732	1.465989	1.338565
Stddev	.018318	.11135	.002479	.0003794	.037104	.009050	.006477
%RSD	.5155518	.6286142	.1920093	.2652083	1.806642	.6173348	.4838711

#1	3.538018	17.61987	1.293354	.1426429	2.014405	1.462811	1.332182
#2	3.547912	17.68375	1.288400	.1433421	2.088116	1.458957	1.345131
#3	3.573515	17.83657	1.291033	.1432481	2.058677	1.476200	1.338383

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.984773	1.371084	.3443955	.0097832	1.275176	8.003677	.0094657
Stddev	.023298	.006791	.0034800	.0001576	.009051	.044170	.0014077
%RSD	.3892807	.4952927	1.010477	1.610606	.7097934	.5518765	14.87114

#1	5.969828	1.369062	.3415662	.0099037	1.270576	8.053679	.0100103
#2	6.011617	1.365534	.3433390	.0096049	1.269348	7.969964	.0078671
#3	5.972874	1.378656	.3482814	.0098409	1.285603	7.987388	.0105196

Sample Name: I7063-03 Acquired: 12/27/2017 14:49:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5D3S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.171534	.0692862	.0865561
Stddev	.004001	.0009249	.0000454
%RSD	.3415340	1.334900	.0524577

#1	1.168074	.0690816	.0865841
#2	1.170613	.0684808	.0865805
#3	1.175916	.0702963	.0865037

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1272.541	2384.912	61029.39	11086.42	3463.984
Stddev	1.809	3.927	127.28	47.04	.657
%RSD	.1421957	.1646413	.2085558	.4242697	.0189535

#1	1270.625	2387.762	60908.70	11058.03	3464.707
#2	1272.776	2380.433	61162.37	11140.72	3463.822
#3	1274.221	2386.542	61017.11	11060.53	3463.424

Sample Name: I7063-01LX5 Acquired: 12/27/2017 14:53:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5D3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0291241	-.001267	.0826632	.0025204	-.000038	24.93424	.1713488
Stddev	.0028660	.002173	.0007234	.0016930	.000297	.15877	.0013430
%RSD	9.840782	171.4238	.8751673	67.17138	787.2288	.6367375	.7837547

#1	.0313162	-.003723	.0820933	.0016308	-.000112	24.75281	.1698303
#2	.0258809	-.000486	.0824190	.0014577	-.000291	25.00218	.1723804
#3	.0301752	.000406	.0834771	.0044727	.000290	25.04772	.1718358

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015196	.0012333	.7203892	.0399531	.0152769	.0271878	51.84294
Stddev	.0001129	.0001326	.0101342	.0002605	.0003024	.0010125	.71590
%RSD	7.426848	10.74844	1.406770	.6520937	1.979208	3.723951	1.380894

#1	.0016478	.0013527	.7119170	.0401950	.0156250	.0265373	51.01836
#2	.0014758	.0012564	.7176346	.0396773	.0151260	.0283543	52.20462
#3	.0014352	.0010907	.7316159	.0399871	.0150796	.0266718	52.30584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5339874	3.859282	.0298666	-.002178	.3420540	.0714996	.0651483
Stddev	.0058591	.054658	.0005907	.000071	.0326452	.0007895	.0039697
%RSD	1.097228	1.416281	1.977715	3.278768	9.543880	1.104256	6.093312

#1	.5272358	3.796239	.0296005	-.002097	.3614552	.0706620	.0620152
#2	.5377378	3.893390	.0294558	-.002232	.3603429	.0716068	.0696125
#3	.5369887	3.888217	.0305435	-.002205	.3043641	.0722301	.0638173

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.097985	.2693962	.0681898	.0019883	.2380521	1.826652	.0012381
Stddev	.041069	.0000768	.0016297	.0002601	.0017967	.026903	.0007742
%RSD	3.740427	.0285142	2.390013	13.07954	.7547615	1.472824	62.53277

#1	1.059438	.2694762	.0663079	.0017200	.2401257	1.856621	.0016778
#2	1.093337	.2693231	.0691268	.0022392	.2370726	1.818751	.0016923
#3	1.141181	.2693894	.0691347	.0020059	.2369580	1.804583	.0003441

Sample Name: I7063-01LX5 Acquired: 12/27/2017 14:53:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5D3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2499022	.0122521	.0186960
Stddev	.0040452	.0004540	.0001096
%RSD	1.618721	3.705637	.5859288

#1	.2466940	.0119423	.0185708
#2	.2544464	.0127733	.0187430
#3	.2485662	.0120407	.0187743

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1240.685	2363.417	59322.69	10358.57	3817.238
Stddev	12.272	19.357	185.46	55.87	18.231
%RSD	.9891627	.8190434	.3126305	.5393244	.4775963

#1	1238.635	2344.689	59359.14	10423.03	3796.962
#2	1229.567	2362.216	59121.71	10324.14	3822.471
#3	1253.854	2383.348	59487.22	10328.54	3832.279

Sample Name: I7063-04 Acquired: 12/27/2017 14:57:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5D4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0799658	-.012509	.7827366	.0091245	.0046890	117.9169	1.505408
Stddev	.0017462	.001662	.0022209	.0005972	.0012351	.4081	.005511
%RSD	2.183644	13.28789	.2837314	6.544927	26.34033	.3461000	.3660548

#1	.0805612	-.014271	.7816995	.0084651	.0057134	118.3782	1.511586
#2	.0813365	-.012287	.7852863	.0096288	.0050361	117.6029	1.503638
#3	.0779998	-.010969	.7812240	.0092796	.0033175	117.7696	1.501001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080563	.0065834	12.22932	.1594285	.2120544	.1200538	212.8553
Stddev	.0000514	.0001669	.11199	.0010088	.0003705	.0021252	.4012
%RSD	.6379486	2.535372	.9157289	.6327795	.1747015	1.770174	.1884734

#1	.0081156	.0067750	12.26828	.1594155	.2124504	.1217217	212.7374
#2	.0080279	.0065049	12.10306	.1604437	.2117163	.1207787	212.5263
#3	.0080253	.0064701	12.31662	.1584262	.2119967	.1176610	213.3022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.23002	12.91681	.1381823	-.008835	1.324414	.3655117	.2898502
Stddev	.02749	.03105	.0013523	.000095	.010001	.0019449	.0040746
%RSD	.2077691	.2403507	.9786600	1.080700	.7551436	.5321112	1.405761

#1	13.22265	12.91754	.1397161	-.008815	1.320521	.3638421	.2867763
#2	13.20697	12.88540	.1371617	-.008938	1.316946	.3676473	.2883023
#3	13.26045	12.94748	.1376690	-.008750	1.335777	.3650457	.2944719

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.841814	1.928815	.3104572	.0072153	1.608698	10.74232	.0098092
Stddev	.084301	.009743	.0014246	.0000956	.008774	.10861	.0015645
%RSD	1.232144	.5051417	.4588596	1.325397	.5454304	1.011070	15.94895

#1	6.911644	1.927291	.3089294	.0072451	1.611082	10.86733	.0080524
#2	6.865631	1.939230	.3106933	.0072926	1.616033	10.67110	.0110519
#3	6.748166	1.919923	.3117490	.0071084	1.598978	10.68852	.0103233

Sample Name: I7063-04 Acquired: 12/27/2017 14:57:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA5D4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.274451	.0575049	.0854005
Stddev	.020766	.0006290	.0003476
%RSD	1.629423	1.093752	.4070138

#1	1.277272	.0582201	.0853564
#2	1.252418	.0570378	.0857680
#3	1.293662	.0572568	.0850770

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1287.305	2462.830	61821.44	11265.39	3516.899
Stddev	11.186	12.233	224.40	41.67	8.245
%RSD	.8689293	.4967135	.3629821	.3698594	.2344282

#1	1274.566	2448.708	61562.34	11217.35	3507.701
#2	1291.831	2469.616	61948.90	11287.18	3519.371
#3	1295.519	2470.167	61953.09	11291.64	3523.624

Sample Name: I7063-05 Acquired: 12/27/2017 15:01:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5D5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0780080	.0083851	.7444765	.0023840	.0072009	104.7712
Stddev	.0023022	.0012143	.0030825	.0019283	.0008110	.2227
%RSD	2.951214	14.48092	.4140432	80.88604	11.26291	.2125316

#1	.0796741	.0097477	.7434041	.0008755	.0066056	104.6383
#2	.0753810	.0079901	.7479520	.0045565	.0068725	105.0282
#3	.0789687	.0074176	.7420735	.0017199	.0081247	104.6470

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.917770	.0092886	.0117864	30.91140	.1291777	.2025166
Stddev	.012462	.0000534	.0001193	.14548	.0011182	.0002670
%RSD	.4271079	.5744783	1.011816	.4706258	.8655895	.1318405

#1	2.918878	.0092811	.0117638	30.75216	.1280568	.2026003
#2	2.929642	.0093454	.0119154	30.94467	.1291834	.2022178
#3	2.904792	.0092394	.0116801	31.03735	.1302930	.2027317

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1693107	201.0113	F 44.02821	16.55663	.2466934	-.007789
Stddev	.0008052	.6770	.14354	.03268	.0006925	.000288
%RSD	.4755960	.3367888	.3260224	.1974068	.2807081	3.694652

#1	.1701327	200.2671	43.86344	16.58652	.2461025	-.007533
#2	.1685233	201.1761	44.09503	16.52173	.2465224	-.007733
#3	.1692763	201.5906	44.12617	16.56164	.2474554	-.008101

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.198249	.3218883	.4880417	9.918746	3.106431	.3045044
Stddev	.087275	.0024960	.0052359	.038709	.025617	.0032439
%RSD	7.283543	.7754282	1.072838	.3902582	.8246359	1.065300

#1	1.118825	.3245382	.4823270	9.917728	3.082490	.3007837
#2	1.291680	.3195817	.4891896	9.957953	3.133446	.3067394
#3	1.184242	.3215449	.4926083	9.880556	3.103358	.3059900

Sample Name: I7063-05 Acquired: 12/27/2017 15:01:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5D5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064759	1.279442	13.53075	.0148346	1.299980	.0618356
Stddev	.0001470	.014971	.10021	.0012865	.013135	.0009126
%RSD	2.270161	1.170085	.7406004	8.672183	1.010380	1.475798

#1	.0063096	1.263936	13.64622	.0162397	1.315040	.0624379
#2	.0065297	1.293812	13.46644	.0145494	1.294002	.0622833
#3	.0065885	1.280579	13.47960	.0137146	1.290897	.0607856

Elem	Sr4077
Units	ppm
Avg	.1424229
Stddev	.0002535
%RSD	.1779945

#1	.1425431
#2	.1425939
#3	.1421316

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1386.791	2602.210	66300.99	12121.22	3406.319
Stddev	2.843	2.726	65.18	11.79	3.378
%RSD	.2049996	.1047401	.0983074	.0972716	.0991822

#1	1389.493	2604.855	66229.94	12126.05	3407.770
#2	1383.826	2599.411	66315.02	12129.84	3402.457
#3	1387.054	2602.364	66358.02	12107.79	3408.728

Sample Name: I7063-06 Acquired: 12/27/2017 15:05:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5D6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0957109	-.014223	.3694309	.0131377	.0070894	113.5805	1.471828
Stddev	.0046616	.003692	.0012073	.0012341	.0008449	.2806	.001814
%RSD	4.870544	25.95717	.3268086	9.393613	11.91783	.2470132	.1232372

#1	.0925000	-.009978	.3706134	.0145178	.0073226	113.8679	1.472325
#2	.0935749	-.016689	.3682002	.0121402	.0077932	113.5663	1.473342
#3	.1010578	-.016001	.3694790	.0127551	.0061524	113.3073	1.469818

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118652	.0086221	24.91554	.1821283	.1815863	.1286445	235.8696
Stddev	.0001308	.0002150	.09424	.0003903	.0002505	.0001654	.3890
%RSD	1.101922	2.493859	.3782541	.2142869	.1379625	.1285828	.1649076

#1	.0119608	.0087859	24.84585	.1816896	.1814653	.1287437	235.6697
#2	.0119185	.0087017	24.87799	.1824371	.1814193	.1287363	235.6213
#3	.0117162	.0083786	25.02277	.1822581	.1818744	.1284536	236.3179

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.05383	10.89831	.1473955	-.008999	1.366583	.4021945	.3721176
Stddev	.04649	.07421	.0002076	.000308	.039512	.0034664	.0046899
%RSD	.2575240	.6808888	.1408285	3.422029	2.891314	.8618818	1.260332

#1	18.03094	10.91448	.1472528	-.009351	1.407938	.3983743	.3763995
#2	18.02322	10.81735	.1476337	-.008866	1.362596	.4051394	.3671053
#3	18.10733	10.96309	.1473001	-.008779	1.329216	.4030699	.3728480

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.440661	2.771911	.3530445	.0071538	.8814802	14.30660	.0111049
Stddev	.031713	.013354	.0018009	.0002554	.0068759	.03417	.0005607
%RSD	.3359193	.4817441	.5101172	3.570238	.7800418	.2388088	5.049334

#1	9.456491	2.757897	.3549573	.0068921	.8879408	14.29662	.0113717
#2	9.461343	2.773348	.3513815	.0074025	.8742532	14.34465	.0104605
#3	9.404150	2.784488	.3527948	.0071667	.8822465	14.27854	.0114823

Sample Name: I7063-06 Acquired: 12/27/2017 15:05:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA5D6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.418921	.0584222	.1542883
Stddev	.016828	.0002053	.0003281
%RSD	1.185938	.3514431	.2126546

#1	1.415858	.0584907	.1544838
#2	1.437070	.0585845	.1544715
#3	1.403836	.0581914	.1539095

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1311.646	2506.040	63543.50	11615.74	3428.778
Stddev	6.271	6.687	75.13	24.51	4.953
%RSD	.4781365	.2668338	.1182309	.2110179	.1444662

#1	1318.672	2501.302	63565.26	11590.64	3423.456
#2	1309.650	2503.128	63605.35	11639.62	3429.625
#3	1306.615	2513.689	63459.90	11616.97	3433.254

Sample Name: I7063-07 Acquired: 12/27/2017 15:09:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5D7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1624501	-.006768	1.130391	.0080732	.0059741	96.96106
Stddev	.0033852	.001899	.005258	.0015877	.0021684	.13582
%RSD	2.083826	28.06077	.4651338	19.66684	36.29680	.1400756

#1	.1648608	-.008378	1.126919	.0062430	.0035304	96.88350
#2	.1585800	-.007252	1.136441	.0088942	.0076684	97.11788
#3	.1639094	-.004673	1.127814	.0090822	.0067235	96.88178

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.655214	.0128671	.0146211	17.33439	.1395242	.2100228
Stddev	.005892	.0000739	.0001672	.04689	.0009800	.0007562
%RSD	.2219109	.5744050	1.143730	.2705022	.7024068	.3600792

#1	2.654611	.0129442	.0144743	17.38737	.1393551	.2093532
#2	2.661384	.0128601	.0145859	17.29821	.1405777	.2108430
#3	2.649646	.0127969	.0148032	17.31761	.1386397	.2098723

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1858690	266.8392	F 35.74944	11.46939	.2783119	-.010267
Stddev	.0015834	.5493	.08113	.05928	.0001989	.000118
%RSD	.8518642	.2058599	.2269479	.5168959	.0714586	1.148559

#1	.1854433	266.5496	35.75854	11.51918	.2785277	-.010181
#2	.1845421	267.4727	35.82564	11.40381	.2781361	-.010217
#3	.1876217	266.4954	35.66414	11.48519	.2782719	-.010401

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.356409	.3587565	.4138312	8.134771	3.733813	.3887481
Stddev	.044197	.0004576	.0053759	.044732	.018663	.0027448
%RSD	3.258373	.1275423	1.299052	.5498886	.4998308	.7060597

#1	1.348121	.3592787	.4077806	8.083127	3.739132	.3857051
#2	1.404163	.3584257	.4180576	8.161358	3.713068	.3910370
#3	1.316943	.3585650	.4156554	8.159829	3.749238	.3895022

Sample Name: I7063-07 Acquired: 12/27/2017 15:09:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5D7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065637	2.047570	7.239154	.0132374	1.224942	.0505715
Stddev	.0000945	.002073	.123007	.0005734	.009130	.0005230
%RSD	1.439115	.1012458	1.699190	4.331533	.7453680	1.034110

#1	.0066437	2.049621	7.371695	.0126058	1.229178	.0500288
#2	.0065880	2.045475	7.217101	.0133814	1.231185	.0506133
#3	.0064595	2.047616	7.128665	.0137251	1.214463	.0510723

Elem	Sr4077
Units	ppm
Avg	.0727379
Stddev	.0001910
%RSD	.2625397

#1	.0727817
#2	.0729031
#3	.0725288

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1503.423	2856.897	72736.94	13227.73	3440.973
Stddev	2.324	17.672	140.91	102.27	13.001
%RSD	.1545772	.6185772	.1937191	.7731327	.3778405

#1	1505.103	2837.008	72586.33	13118.81	3425.985
#2	1500.771	2870.796	72758.93	13242.70	3449.219
#3	1504.395	2862.886	72865.55	13321.69	3447.714

Sample Name: I7063-08 Acquired: 12/27/2017 15:13:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5D8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1098814	-.010942	.5701214	.0111719	.0045387	109.7403	1.454723
Stddev	.0023848	.001882	.0073727	.0022024	.0012342	.2658	.004774
%RSD	2.170327	17.19868	1.293176	19.71351	27.19248	.2421837	.3281552

#1	.1123875	-.008986	.5616240	.0092083	.0041966	110.0300	1.456527
#2	.1076400	-.012739	.5739215	.0107541	.0059079	109.6830	1.458332
#3	.1096168	-.011102	.5748188	.0135532	.0035117	109.5078	1.449310

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083036	.0069698	6.503748	.1629013	.2819071	.1211421	225.4871
Stddev	.0001058	.0002385	.086919	.0016206	.0022535	.0020265	.2720
%RSD	1.273971	3.421238	1.336438	.9948389	.7993891	1.672800	.1206159

#1	.0083509	.0066988	6.531447	.1644898	.2794184	.1226699	225.5760
#2	.0083775	.0071474	6.573440	.1612504	.2824931	.1188433	225.7035
#3	.0081824	.0070633	6.406355	.1629636	.2838097	.1219129	225.1818

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.29751	15.56934	.2492500	-.008692	1.549875	.3250240	.3124063
Stddev	.04109	.09301	.0026399	.000061	.099328	.0010776	.0017995
%RSD	.3089955	.5973695	1.059122	.6996699	6.408768	.3315467	.5760265

#1	13.30780	15.66455	.2462503	-.008694	1.536196	.3262511	.3103597
#2	13.33249	15.56477	.2512190	-.008631	1.655333	.3245892	.3137406
#3	13.25226	15.47871	.2502808	-.008752	1.458095	.3242318	.3131188

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.569857	1.809655	.3227422	.0092854	1.146836	6.814472	.0075354
Stddev	.045860	.012942	.0014028	.0001898	.017147	.101996	.0006339
%RSD	.8233544	.7151810	.4346400	2.043645	1.495185	1.496752	8.411738

#1	5.612901	1.795125	.3211321	.0091424	1.127323	6.750783	.0068384
#2	5.575045	1.813891	.3233941	.0092132	1.153684	6.932112	.0076904
#3	5.521623	1.819948	.3237004	.0095007	1.159502	6.760521	.0080774

Sample Name: I7063-08 Acquired: 12/27/2017 15:13:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5D8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.025393	.0629917	.1098794
Stddev	.006755	.0004773	.0003360
%RSD	.6587491	.7577823	.3057983

#1	1.018139	.0631564	.1100696
#2	1.031502	.0633650	.1100772
#3	1.026538	.0624539	.1094915

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1300.430	2450.288	61860.06	11032.19	3482.402
Stddev	5.103	9.614	62.70	101.18	21.833
%RSD	.3923726	.3923814	.1013644	.9171596	.6269602

#1	1296.652	2461.281	61793.20	10956.74	3507.269
#2	1298.402	2446.137	61917.56	10992.65	3466.377
#3	1306.234	2443.448	61869.43	11147.17	3473.560

Sample Name: I7063-09 Acquired: 12/27/2017 15:17:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5D9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0783160	-.011019	.4676162	.0100154	.0051789	115.8618	2.288134
Stddev	.0015632	.001255	.0016636	.0039771	.0011432	.3646	.010113
%RSD	1.995987	11.38670	.3557647	39.71027	22.07400	.3146663	.4419800

#1	.0797181	-.012221	.4668558	.0068158	.0064990	115.9299	2.296153
#2	.0766305	-.009717	.4664686	.0144682	.0045277	115.4680	2.276773
#3	.0785996	-.011118	.4695241	.0087621	.0045102	116.1875	2.291476

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103763	.0087905	30.48257	.2575292	.1843705	.1446085	216.2207
Stddev	.0001420	.0000831	.16524	.0012389	.0004393	.0005640	.6198
%RSD	1.368246	.9457805	.5420669	.4810688	.2382850	.3900394	.2866511

#1	.0102236	.0088709	30.66023	.2579909	.1839826	.1439604	216.9107
#2	.0105044	.0087957	30.45400	.2584711	.1848475	.1448766	215.7112
#3	.0104009	.0087049	30.33348	.2561258	.1842813	.1449885	216.0403

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.07220	19.74201	.1811791	-.008405	.9225246	.3724686	.3234118
Stddev	.06643	.08626	.0004901	.000367	.0286312	.0018091	.0080928
%RSD	.3309352	.4369318	.2705248	4.365816	3.103575	.4857113	2.502315

#1	20.14890	19.83147	.1813797	-.008827	.8994796	.3732044	.3257396
#2	20.03315	19.65935	.1806204	-.008155	.9135181	.3704075	.3300856
#3	20.03456	19.73521	.1815370	-.008234	.9545762	.3737938	.3144103

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.579903	2.206246	.3117990	.0045030	1.928617	9.589723	.0083078
Stddev	.037407	.004331	.0025438	.0000497	.001368	.154267	.0001388
%RSD	.4935088	.1963191	.8158433	1.103307	.0709344	1.608667	1.670817

#1	7.590044	2.210038	.3147019	.0044745	1.930134	9.758699	.0084463
#2	7.538471	2.207173	.3107362	.0045604	1.928239	9.554056	.0081687
#3	7.611195	2.201526	.3099590	.0044741	1.927477	9.456413	.0083085

Sample Name: I7063-09 Acquired: 12/27/2017 15:17:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA5D9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.246996	.0512908	.0857259
Stddev	.006438	.0002064	.0000683
%RSD	.5162825	.4024329	.0796794

#1	1.247475	.0510596	.0857123
#2	1.253181	.0514565	.0856654
#3	1.240332	.0513562	.0858000

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1311.312	2494.210	63274.78	11607.28	3389.958
Stddev	10.716	2.140	398.59	41.36	5.618
%RSD	.8171793	.0857957	.6299298	.3563207	.1657208

#1	1299.076	2491.909	62827.59	11567.04	3383.513
#2	1319.021	2496.141	63592.65	11605.14	3392.541
#3	1315.839	2494.581	63404.09	11649.67	3393.819

Sample Name: I7063-10 Acquired: 12/27/2017 15:21:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5E0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0899868	-.005332	1.114198	.0062036	.0035936	90.67672	1.996056
Stddev	.0011922	.001061	.001017	.0037339	.0017108	.11462	.008502
%RSD	1.324865	19.89019	.0912628	60.18867	47.60682	.1264011	.4259401

#1	.0913635	-.005588	1.115069	.0072464	.0051325	90.77765	1.999647
#2	.0892981	-.004167	1.113081	.0020592	.0017514	90.55212	1.986348
#3	.0892990	-.006242	1.114443	.0093053	.0038969	90.70040	2.002174

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132043	.0099319	20.23652	.1622948	.2019750	.1410682	199.2671
Stddev	.0001691	.0001696	.16544	.0015224	.0000680	.0012428	.7854
%RSD	1.281043	1.707099	.8175261	.9380350	.0336797	.8809626	.3941287

#1	.0133979	.0099396	20.04587	.1606117	.2020509	.1409325	198.4420
#2	.0131296	.0100975	20.34239	.1626971	.2019195	.1398989	199.3540
#3	.0130853	.0097586	20.32128	.1635757	.2019547	.1423733	200.0055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.93845	9.119861	.1737570	-.007949	1.079850	.3479764	1.511795
Stddev	.15695	.055301	.0007610	.000144	.031385	.0038372	.007867
%RSD	.6050881	.6063765	.4379462	1.816943	2.906378	1.102714	.5204004

#1	25.76506	9.104123	.1742434	-.007813	1.044676	.3463688	1.503686
#2	25.97950	9.074135	.1741476	-.008100	1.089884	.3452045	1.512303
#3	26.07081	9.181325	.1728801	-.007933	1.104991	.3523559	1.519396

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.409394	3.014634	.2865002	.0060319	1.045224	11.41291	.0113345
Stddev	.031668	.011603	.0027275	.0001818	.004768	.14596	.0009128
%RSD	.4940849	.3848807	.9519906	3.014624	.4561620	1.278890	8.052878

#1	6.445922	3.017353	.2840193	.0058968	1.040083	11.24655	.0102806
#2	6.392600	3.001913	.2894208	.0062387	1.046089	11.47266	.0118556
#3	6.389661	3.024636	.2860606	.0059603	1.049500	11.51951	.0118674

Sample Name: I7063-10 Acquired: 12/27/2017 15:21:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5E0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.180508	.0443366	.0803775
Stddev	.009398	.0001192	.0002142
%RSD	.7961300	.2688734	.2664945

#1	1.189502	.0442204	.0805864
#2	1.181270	.0443308	.0801584
#3	1.170751	.0444586	.0803876

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1437.942	2722.829	69472.21	12515.82	3476.073
Stddev	.248	9.653	88.53	12.55	11.408
%RSD	.0172262	.3545173	.1274346	.1002523	.3281811

#1	1437.988	2712.120	69564.33	12515.83	3465.491
#2	1437.674	2730.860	69387.77	12528.36	3488.158
#3	1438.163	2725.507	69464.51	12503.27	3474.569

Sample Name: I7065-01 Acquired: 12/27/2017 15:25:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5E5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0703129	-.015912	.5166356	.0153680	.0046682	92.92585	.6257779
Stddev	.0040071	.003323	.0014410	.0018517	.0012423	.34871	.0014212
%RSD	5.698911	20.88522	.2789300	12.04882	26.61279	.3752576	.2271058

#1	.0661539	-.018862	.5172491	.0150039	.0032750	92.64108	.6243846
#2	.0706364	-.016562	.5149892	.0173746	.0056608	92.82169	.6257238
#3	.0741484	-.012311	.5176683	.0137254	.0050688	93.31477	.6272254

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056365	.0058793	37.62200	.1929807	.1848534	.0951850	200.9840
Stddev	.0000319	.0002792	.20623	.0010207	.0003976	.0020065	.5722
%RSD	.5664187	4.748216	.5481613	.5289230	.2150874	2.108022	.2846782

#1	.0055997	.0060443	37.42433	.1929905	.1849416	.0931777	200.3278
#2	.0056527	.0060367	37.83583	.1919551	.1844191	.0971907	201.3784
#3	.0056570	.0055570	37.60582	.1939964	.1851994	.0951865	201.2458

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.030497	22.98774	.1205811	-.008070	1.001199	.3043810	.2697854
Stddev	.009729	.05831	.0003573	.000284	.123326	.0008495	.0042705
%RSD	.4791238	.2536615	.2963547	3.516423	12.31785	.2790978	1.582921

#1	2.020977	22.94815	.1207245	-.008385	1.059174	.3048752	.2664056
#2	2.030093	22.96036	.1208444	-.007834	.859568	.3034001	.2683657
#3	2.040422	23.05470	.1201743	-.007991	1.084854	.3048677	.2745849

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.086779	1.024153	.2845020	.0066595	1.061406	6.735978	.0062944
Stddev	.001876	.005994	.0021383	.0003843	.005090	.133763	.0010321
%RSD	.0607878	.5852348	.7516063	5.770539	.4795119	1.985795	16.39785

#1	3.087210	1.017859	.2842549	.0062600	1.059208	6.883828	.0073485
#2	3.084725	1.029793	.2824980	.0070266	1.057786	6.700753	.0052857
#3	3.088402	1.024807	.2867532	.0066918	1.067226	6.623352	.0062489

Sample Name: I7065-01 Acquired: 12/27/2017 15:25:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5E5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6864841	.0499923	.0621344
Stddev	.0102338	.0006973	.0004841
%RSD	1.490758	1.394825	.7791784

#1	.6956535	.0497150	.0617296
#2	.6883548	.0494763	.0620029
#3	.6754440	.0507856	.0626707

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1216.930	2297.277	58860.39	10674.61	3461.641
Stddev	16.906	2.481	281.94	57.17	5.331
%RSD	1.389248	.1079903	.4790017	.5355389	.1540044

#1	1214.672	2295.262	58606.80	10693.51	3458.023
#2	1201.266	2300.048	58810.37	10610.39	3459.138
#3	1234.851	2296.522	59163.99	10719.94	3467.763

Sample Name: I7065-02 Acquired: 12/27/2017 15:29:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5E5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0667065	-.014348	.5208381	.0125140	.0045311	94.38703	.6380895
Stddev	.0027117	.001932	.0019483	.0025275	.0012606	.31910	.0015462
%RSD	4.065067	13.46346	.3740772	20.19724	27.82008	.3380725	.2423101

#1	.0656889	-.016579	.5187129	.0096035	.0057161	94.62595	.6398466
#2	.0646508	-.013229	.5212615	.0137816	.0046706	94.02465	.6369370
#3	.0697797	-.013237	.5225399	.0141568	.0032066	94.51048	.6374850

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056658	.0059483	38.22250	.1943279	.1878710	.0972127	204.1034
Stddev	.0000113	.0000214	.06810	.0008174	.0003129	.0004076	.2737
%RSD	.1998868	.3597817	.1781615	.4206208	.1665777	.4192447	.1340856

#1	.0056530	.0059580	38.19803	.1934366	.1881852	.0973411	204.2179
#2	.0056746	.0059238	38.29945	.1945044	.1878685	.0975406	204.3012
#3	.0056697	.0059632	38.17001	.1950426	.1875593	.0967564	203.7910

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.065656	23.36690	.1224493	-.007914	.9651878	.3113734	.2748467
Stddev	.004926	.07877	.0006166	.000102	.0306840	.0028981	.0051020
%RSD	.2384707	.3370977	.5035504	1.283734	3.179071	.9307650	1.856321

#1	2.062619	23.44112	.1230407	-.007919	.9438318	.3140308	.2759275
#2	2.071340	23.37534	.1218103	-.007810	.9513823	.3082832	.2692908
#3	2.063010	23.28426	.1224970	-.008013	1.000350	.3118062	.2793217

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.148384	1.049790	.2859604	.0066520	1.074646	6.854729	.0068420
Stddev	.006432	.001695	.0016881	.0003565	.006991	.052602	.0004560
%RSD	.2042911	.1614924	.5903324	5.358898	.6505334	.7673871	6.664660

#1	3.144469	1.049130	.2842290	.0064094	1.082018	6.799997	.0071817
#2	3.155807	1.048524	.2860507	.0064853	1.073808	6.904906	.0070205
#3	3.144876	1.051716	.2876016	.0070613	1.068112	6.859285	.0063237

Sample Name: I7065-02 Acquired: 12/27/2017 15:29:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5E5D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6896546	.0505331	.0629337
Stddev	.0139573	.0002154	.0001869
%RSD	2.023813	.4261739	.2969212

#1	.7057661	.0507373	.0628797
#2	.6819509	.0503081	.0631416
#3	.6812470	.0505540	.0627798

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1195.779	2261.361	57988.55	10538.05	3412.204
Stddev	6.735	2.607	59.84	48.76	8.884
%RSD	.5632392	.1152954	.1031923	.4626589	.2603563

#1	1196.322	2259.472	57993.79	10511.61	3404.178
#2	1202.226	2264.335	58045.60	10508.22	3421.749
#3	1188.788	2260.275	57926.26	10594.31	3410.685

Sample Name: I7065-03 Acquired: 12/27/2017 15:33:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5E5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1507835	.0917427	.5433603	.1182196	.2162821	95.63037	5.407869
Stddev	.0048041	.0051879	.0026086	.0018891	.0020642	.32582	.033682
%RSD	3.186079	5.654869	.4800829	1.597945	.9544141	.3407086	.6228346

#1	.1542203	.0972902	.5444488	.1162437	.2177909	96.00272	5.440346
#2	.1528362	.0909268	.5403837	.1184071	.2139297	95.49089	5.410162
#3	.1452941	.0870111	.5452483	.1200079	.2171258	95.39751	5.373099

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1149175	.1176742	35.31887	.6510830	1.303949	.6441380	197.6505
Stddev	.0008076	.0001045	.21696	.0024696	.001334	.0005767	.4850
%RSD	.7027604	.0888286	.6142856	.3793038	.1023008	.0895303	.2454071

#1	.1154954	.1176370	35.31313	.6526775	1.302412	.6445347	197.7305
#2	.1152625	.1175933	35.53864	.6523332	1.304631	.6444029	198.0905
#3	.1139948	.1177922	35.10483	.6482383	1.304803	.6434765	197.1304

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.076033	21.85741	1.251646	.1498318	.9461554	1.459245	1.339008
Stddev	.016973	.07861	.001770	.0010467	.1314586	.003480	.010871
%RSD	.5517885	.3596625	.1414179	.6985488	13.89397	.2384862	.8118554

#1	3.084137	21.90357	1.249705	.1502712	.8701177	1.458561	1.327837
#2	3.087434	21.90203	1.253171	.1505872	1.097951	1.463016	1.339635
#3	3.056526	21.76664	1.252061	.1486371	.870398	1.456157	1.349552

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.033483	1.007721	.2800827	.0063799	1.024968	6.423465	.0076591
Stddev	.017465	.007015	.0034877	.0002994	.005440	.118691	.0010472
%RSD	.5757396	.6961072	1.245220	4.692738	.5307492	1.847769	13.67232

#1	3.052896	1.000047	.2764922	.0060440	1.018789	6.556162	.0074066
#2	3.019046	1.013803	.2802984	.0064773	1.027077	6.386799	.0067612
#3	3.028507	1.009315	.2834575	.0066186	1.029037	6.327433	.0088094

Sample Name: I7065-03 Acquired: 12/27/2017 15:33:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5E5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6680488	.0510782	.0606642
Stddev	.0159108	.0004905	.0000941
%RSD	2.381679	.9603796	.1551395

#1	.6803181	.0515292	.0607228
#2	.6737570	.0511496	.0605556
#3	.6500714	.0505560	.0607141

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1212.847	2326.725	58849.99	10734.06	3499.967
Stddev	3.081	8.245	220.31	80.23	7.961
%RSD	.2540684	.3543743	.3743522	.7474428	.2274689

#1	1211.836	2317.426	58689.50	10669.72	3490.788
#2	1210.398	2333.142	58759.32	10708.49	3504.994
#3	1216.307	2329.608	59101.17	10823.96	3504.120

Sample Name: I7065-01LX5 Acquired: 12/27/2017 15:37:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5E5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167308	-.001879	.1103054	.0013426	.0002887	19.29765	.1315050
Stddev	.0028712	.001979	.0010115	.0018292	.0020026	.03305	.0003927
%RSD	17.16142	105.2982	.9169963	136.2364	693.7287	.1712576	.2985999

#1	.0183761	-.004155	.1104584	.0025351	.0018290	19.29169	.1311184
#2	.0134154	-.000913	.1092261	.0022562	-.001975	19.33328	.1319035
#3	.0184009	-.000569	.1112317	-.000763	.001012	19.26799	.1314933

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011877	.0010477	7.785141	.0419521	.0370032	.0224112	42.73625
Stddev	.0000956	.0000757	.076606	.0005514	.0001923	.0012576	.27290
%RSD	8.044824	7.226285	.9840038	1.314416	.5195903	5.611243	.6385757

#1	.0010777	.0009763	7.697278	.0420272	.0370190	.0233638	42.45362
#2	.0012506	.0010397	7.820208	.0413670	.0368035	.0209858	42.75689
#3	.0012347	.0011271	7.837936	.0424621	.0371870	.0228840	42.99825

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4309390	4.769062	.0238234	-.001767	.0868737	.0659291	.0536399
Stddev	.0033153	.038206	.0004743	.000156	.0535801	.0010182	.0027490
%RSD	.7693197	.8011222	1.990933	8.850058	61.67581	1.544416	5.124833

#1	.4271200	4.733261	.0233507	-.001624	.0654591	.0649302	.0567786
#2	.4330782	4.764638	.0242993	-.001934	.0473130	.0669656	.0524805
#3	.4326189	4.809287	.0238202	-.001741	.1478492	.0658915	.0516605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4078959	.2025091	.0541883	.0013826	.2021776	1.431793	.0024435
Stddev	.0309567	.0009612	.0007344	.0001887	.0039004	.035435	.0003550
%RSD	7.589366	.4746244	1.355334	13.64545	1.929213	2.474879	14.52866

#1	.4069914	.2014848	.0543528	.0015912	.2042718	1.467839	.0021112
#2	.3774014	.2026512	.0548265	.0012239	.2045837	1.397002	.0028175
#3	.4392950	.2033913	.0533855	.0013329	.1976774	1.430537	.0024017

Sample Name: I7065-01LX5 Acquired: 12/27/2017 15:37:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA5E5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1512367	.0080745	.0131866
Stddev	.0120657	.0006382	.0002969
%RSD	7.978025	7.904197	2.251802

#1	.1456215	.0080586	.0130655
#2	.1650866	.0074444	.0135249
#3	.1430019	.0087206	.0129693

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1230.518	2320.011	58290.58	10049.61	3775.082
Stddev	13.139	3.610	278.12	30.43	7.695
%RSD	1.067766	.1556202	.4771251	.3028097	.2038307

#1	1222.688	2315.853	58148.69	10052.54	3767.250
#2	1223.178	2322.345	58112.03	10017.81	3775.365
#3	1245.687	2321.836	58611.03	10078.47	3782.632

Sample Name: I7065-04 Acquired: 12/27/2017 15:42:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5E6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0869944	-.015654	.1978190	.0207412	.0046587	106.5760	.9358548
Stddev	.0046989	.002540	.0011090	.0044227	.0013093	.1092	.0031446
%RSD	5.401342	16.22829	.5606131	21.32335	28.10514	.1024332	.3360143

#1	.0921086	-.012796	.1969677	.0231589	.0038535	106.6943	.9381276
#2	.0860066	-.016508	.1974162	.0156367	.0039531	106.5544	.9371709
#3	.0828679	-.017657	.1990732	.0234281	.0061695	106.4792	.9322660

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067248	.0076544	10.65903	.2289800	.2325454	.1133137	257.4595
Stddev	.0000198	.0001498	.06790	.0018800	.0009719	.0021266	.6547
%RSD	.2945304	1.956816	.6370206	.8210233	.4179591	1.876779	.2543028

#1	.0067330	.0074814	10.72765	.2308504	.2324400	.1111549	257.3325
#2	.0067022	.0077419	10.59188	.2289991	.2316304	.1133794	256.8775
#3	.0067393	.0077397	10.65754	.2270906	.2335657	.1154067	258.1684

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.920873	12.69379	.1194563	-.009481	1.039733	.3691454	.2843966
Stddev	.004515	.06593	.0002052	.000264	.090088	.0023493	.0041163
%RSD	.1545772	.5193879	.1717859	2.784581	8.664531	.6364106	1.447371

#1	2.916965	12.61766	.1192667	-.009686	1.103613	.3702093	.2871497
#2	2.919838	12.73149	.1194280	-.009183	1.078893	.3707746	.2796646
#3	2.925816	12.73222	.1196742	-.009574	.936692	.3664524	.2863755

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.122614	1.150179	.3630967	.0076611	.7600521	9.392926	.0053117
Stddev	.036988	.004892	.0044684	.0002153	.0106198	.285456	.0007861
%RSD	.8971918	.4253242	1.230642	2.810177	1.397245	3.039053	14.80003

#1	4.122281	1.147794	.3623162	.0076039	.7543149	9.271721	.0056941
#2	4.159768	1.146936	.3590699	.0074802	.7535348	9.188071	.0058336
#3	4.085794	1.155806	.3679039	.0078992	.7723065	9.718985	.0044076

Sample Name: I7065-04 Acquired: 12/27/2017 15:42:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5E6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7151266	.0571446	.0555651
Stddev	.0151580	.0003939	.0001741
%RSD	2.119626	.6892252	.3133881

#1	.7115490	.0575328	.0554898
#2	.7317535	.0571556	.0557642
#3	.7020775	.0567453	.0554413

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1226.156	2320.918	59037.17	10659.96	3507.629
Stddev	6.891	6.179	170.90	19.87	6.672
%RSD	.5620097	.2662339	.2894724	.1864325	.1902004

#1	1234.032	2326.483	58896.98	10653.73	3508.606
#2	1221.236	2322.004	59227.54	10643.95	3513.758
#3	1223.200	2314.269	58986.99	10682.21	3500.523

Sample Name: PB105364BS Acquired: 12/27/2017 15:46:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179833	.0515033	.0206185	.0673506	.1121981	.3880804
Stddev	.0025450	.0017667	.0011686	.0009036	.0012555	.0029958
%RSD	14.15191	3.430289	5.667609	1.341667	1.118980	.7719408

#1	.0205646	.0529993	.0200269	.0670989	.1129118	.3899657
#2	.0179092	.0495541	.0198641	.0665995	.1129340	.3846260
#3	.0154763	.0519564	.0219646	.0683533	.1107484	.3896495

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4144241	.0105791	.0096527	10.44774	.0221935	.0930876
Stddev	.0009329	.0001690	.0001360	.10397	.0001106	.0005082
%RSD	.2251089	1.597284	1.408778	.9951659	.4984485	.5459037

#1	.4148917	.0103842	.0097816	10.32800	.0220855	.0928554
#2	.4150308	.0106681	.0096659	10.49998	.0223065	.0927369
#3	.4133499	.0106849	.0095106	10.51523	.0221885	.0936703

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0503220	.2313177	.0309802	9.898497	.0777019	.0174772
Stddev	.0015530	.0015102	.0000699	.064516	.0002418	.0000605
%RSD	3.086070	.6528707	.2254687	.6517749	.3112043	.3462941

#1	.0496408	.2308733	.0309413	9.825231	.0774612	.0174598
#2	.0520992	.2330002	.0310608	9.946807	.0776995	.0175445
#3	.0492261	.2300795	.0309384	9.923452	.0779449	.0174272

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.685202	.1035645	.1132485	8.954046	.0251770	F .0177508
Stddev	.105166	.0016087	.0038206	.072104	.0018839	.0006258
%RSD	1.085841	1.553379	3.373662	.8052709	7.482446	3.525589

#1	9.735965	.1021381	.1092932	9.014646	.0237030	.0170622
#2	9.564284	.1032470	.1169184	8.973190	.0272994	.0179054
#3	9.755356	.1053083	.1135341	8.874301	.0245284	.0182849

Sample Name: PB105364BS Acquired: 12/27/2017 15:46:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204837	.1435238	.2089489	F .0130104	.1978029	.0926567
Stddev	.0001307	.0014111	.0009978	.0005632	.0016821	.0008548
%RSD	.6381954	.9831456	.4775500	4.328651	.8503708	.9225269

#1	.0203352	.1432921	.2078265	.0131858	.1959744	.0929480
#2	.0205816	.1422429	.2097355	.0134650	.1981497	.0933278
#3	.0205343	.1450363	.2092849	.0123804	.1992845	.0916944

Elem	Sr4077
Units	ppm
Avg	.2011357
Stddev	.0003302
%RSD	.1641892

#1	.2013931
#2	.2012506
#3	.2007633

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1204.183	2321.451	57521.60	9914.022	3826.404
Stddev	10.437	13.022	190.65	30.597	14.599
%RSD	.8667483	.5609293	.3314377	.3086203	.3815255

#1	1192.134	2306.571	57302.74	9943.865	3810.850
#2	1209.988	2327.018	57610.48	9882.724	3828.554
#3	1210.427	2330.764	57651.58	9915.479	3839.809

Sample Name: CCV063 Acquired: 12/27/2017 15:50:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.986476	4.697951	24.69210	4.942989	4.915019	387.5217
Stddev	.026264	.008755	.10098	.027387	.030773	.6570
%RSD	.5266995	.1863598	.4089732	.5540620	.6260990	.1695450

#1	5.010064	4.707963	24.80814	4.973037	4.949741	387.0259
#2	4.991188	4.691735	24.64401	4.919428	4.904196	388.2669
#3	4.958175	4.694155	24.62414	4.936501	4.891120	387.2724

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.18008	.5209718	2.532144	400.9258	15.35437	2.490422
Stddev	.05501	.0031005	.009000	3.9717	.06431	.013256
%RSD	.5404087	.5951367	.3554412	.9906414	.4188367	.5322812

#1	10.16775	.5200660	2.542519	396.6390	15.30044	2.505372
#2	10.13228	.5184251	2.526434	401.6577	15.33713	2.485791
#3	10.24021	.5244244	2.527478	404.4807	15.42555	2.480103

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.87296	390.2687	14.80632	402.2091	2.484307	F 1.392072
Stddev	.02606	2.8686	.12739	2.9988	.009289	.000368
%RSD	.1752309	.7350216	.8603542	.7455844	.3739060	.0264539

#1	14.87991	387.4625	14.68442	399.3345	2.494394	1.391831
#2	14.89484	390.1477	14.79598	401.9745	2.482422	1.391888
#3	14.84413	393.1958	14.93856	405.3183	2.476105	1.392496

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	385.9964	2.504084	15.01875	150.8940	5.069963	5.429601
Stddev	1.2920	.018810	.09126	.0155	.024824	.019000
%RSD	.3347186	.7511541	.6076417	.0102708	.4896202	.3499403

#1	384.6083	2.486952	14.92954	150.8783	5.097715	5.418029
#2	387.1638	2.501087	15.11193	150.8946	5.062299	5.419244
#3	386.2172	2.524212	15.01478	150.9093	5.049875	5.451529

Sample Name: CCV063 Acquired: 12/27/2017 15:50:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV063 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.975028	5.122915	5.051328	5.096253	5.020584	5.176302
Stddev	.022161	.033691	.013359	.034356	.016550	.028979
%RSD	.4454509	.6576506	.2644659	.6741344	.3296366	.5598411

#1	5.000547	5.161727	5.048239	5.135850	5.002234	5.180771
#2	4.960620	5.101209	5.039784	5.078556	5.034380	5.202786
#3	4.963918	5.105807	5.065961	5.074355	5.025138	5.145348

Elem	Sr4077
Units	ppm
Avg	5.027937
Stddev	.084936
%RSD	1.689274

#1	4.930513
#2	5.066876
#3	5.086422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	994.5142	1872.831	48822.66	9304.876	2602.119
Stddev	5.9080	11.916	37.12	35.893	17.806
%RSD	.5940622	.6362623	.0760297	.3857446	.6842914

#1	989.7510	1861.401	48782.37	9308.840	2586.234
#2	992.6663	1871.914	48830.13	9338.623	2598.757
#3	1001.125	1885.180	48855.47	9267.166	2621.367

Sample Name: CCB063 Acquired: 12/27/2017 15:54:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013370	.0027941	.0002678	.0019590	.0003423	.0065783	-.001378
Stddev	.0016008	.0014037	.0006450	.0011367	.0006724	.0030766	.000028
%RSD	119.7258	50.23930	240.8378	58.02753	196.4076	46.76942	2.008239

#1	.0017711	.0012272	-.000101	.0018762	.0007083	.0034511	-.001370
#2	-.000436	.0032183	-.000108	.0008659	-.000434	.0096017	-.001408
#3	.002676	.0039367	.001013	.0031349	.000752	.0066821	-.001355

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000126	-.000003	-.002635	.0002387	-.000200	.0029551	.0053645
Stddev	.0000562	.000023	.007236	.0000485	.000148	.0013346	.0050184
%RSD	445.0318	715.2615	274.5472	20.31747	73.96972	45.16160	93.54733

#1	.0000234	-.000029	.005685	.0002765	-.000141	.0044938	.0102173
#2	-.000048	.000007	-.007454	.0001840	-.000090	.0022593	.0001956
#3	.000063	.000013	-.006138	.0002557	-.000367	.0021122	.0056806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003879	-.007259	-.000190	.0000790	-.137521	-.002077	-.001153
Stddev	.0001951	.007057	.000417	.0001856	.049105	.001404	.001241
%RSD	50.28449	97.21664	219.9854	235.0642	35.70713	67.61339	107.6536

#1	.0005804	-.008713	-.000242	.0000146	-.093497	-.000702	-.001273
#2	.0001904	-.013475	-.000578	.0002882	-.128588	-.003509	-.002329
#3	.0003930	.000412	.000251	-.000066	-.190480	-.002021	.000144

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.188149	-.001324	.0016261	.0001650	-.026462	-.002800	-.000185
Stddev	.028049	.000553	.0007157	.0001605	.000563	.000827	.001462
%RSD	14.90763	41.77904	44.01606	97.27062	2.128083	29.51931	790.6014

#1	-.175466	-.001100	.0008026	.0000001	-.025905	-.003710	.000628
#2	-.220300	-.001954	.0020988	.0003207	-.027031	-.002095	-.001873
#3	-.168682	-.000918	.0019768	.0001743	-.026449	-.002596	.000690

Sample Name: CCB063 Acquired: 12/27/2017 15:54:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB063 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011166	.0013711	.0000460
Stddev	.0007110	.0005086	.0000437
%RSD	63.67882	37.09537	95.04694

#1	.0003152	.0018104	.0000178
#2	.0013629	.0008139	.0000239
#3	.0016718	.0014890	.0000964

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1246.826	2399.175	59830.81	10073.67	4131.121
Stddev	20.457	5.387	559.18	61.99	2.118
%RSD	1.640729	.2245489	.9345960	.6153895	.0512688

#1	1246.277	2395.935	59815.40	10017.28	4128.761
#2	1226.649	2396.195	59279.49	10140.05	4132.857
#3	1267.552	2405.394	60397.52	10063.70	4131.745

Sample Name: I7065-05 Acquired: 12/27/2017 15:58:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5E7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1654099	-.023306	2.248264	.0056597	.0050097	75.58146
Stddev	.0007062	.001695	.017401	.0020898	.0002525	.17737
%RSD	.4269655	7.273988	.7739646	36.92356	5.040575	.2346693

#1	.1660444	-.022393	2.254436	.0032552	.0047981	75.47015
#2	.1646489	-.025262	2.228619	.0066856	.0049419	75.48823
#3	.1655363	-.022262	2.261738	.0070382	.0052892	75.78600

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.089367	.0209701	.0209450	19.55684	.2333869	.2556876
Stddev	.002472	.0000534	.0000979	.10184	.0008151	.0014632
%RSD	.1183066	.2544399	.4676593	.5207558	.3492355	.5722544

#1	2.091412	.0210113	.0210561	19.51280	.2334148	.2562588
#2	2.086620	.0209098	.0209079	19.48442	.2325583	.2540250
#3	2.090068	.0209893	.0208711	19.67329	.2341877	.2567791

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2300851	291.5476	F 32.13479	11.40470	.3260267	-.011540
Stddev	.0017469	.6545	.06156	.03775	.0022229	.000162
%RSD	.7592588	.2244761	.1915634	.3310127	.6818075	1.400628

#1	.2289056	291.1297	32.11342	11.40643	.3270031	-.011625
#2	.2292577	291.2114	32.08677	11.36612	.3234827	-.011641
#3	.2320920	292.3019	32.20419	11.44156	.3275942	-.011353

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.039658	.3358667	.5436813	3.469977	3.794643	.4131649
Stddev	.046390	.0013484	.0056263	.016355	.028327	.0022514
%RSD	4.462025	.4014626	1.034856	.4713351	.7464962	.5449117

#1	1.078938	.3347336	.5382146	3.466865	3.818923	.4106251
#2	.988477	.3355085	.5494547	3.487664	3.763522	.4149150
#3	1.051560	.3373580	.5433747	3.455401	3.801485	.4139547

Sample Name: I7065-05 Acquired: 12/27/2017 15:58:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5E7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112696	1.949953	4.542970	.0078877	.6220476	.0325245
Stddev	.0001954	.024429	.094106	.0017308	.0037595	.0007781
%RSD	1.733927	1.252779	2.071472	21.94295	.6043700	2.392273

#1	.0113100	1.978159	4.498498	.0097784	.6254208	.0316261
#2	.0110572	1.935570	4.651070	.0063816	.6179946	.0329688
#3	.0114417	1.936130	4.479341	.0075031	.6227274	.0329786

Elem	Sr4077
Units	ppm
Avg	.0417303
Stddev	.0000513
%RSD	.1228612

#1	.0417156
#2	.0417873
#3	.0416880

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1755.693	3294.879	85155.07	15559.36	3399.898
Stddev	5.540	36.826	57.53	37.52	17.846
%RSD	.3155408	1.117666	.0675607	.2411717	.5249038

#1	1757.102	3305.706	85089.83	15521.26	3401.157
#2	1749.585	3253.853	85198.56	15560.53	3381.456
#3	1760.393	3325.077	85176.81	15596.28	3417.081

Sample Name: I7065-06 Acquired: 12/27/2017 16:02:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5E8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1988320	-.017729	1.646154	.0123314	.0072069	88.81488
Stddev	.0033558	.002720	.006519	.0017913	.0004535	.12314
%RSD	1.687748	15.34440	.3959866	14.52625	6.293265	.1386434

#1	.1957266	-.020719	1.651638	.0112369	.0077230	88.92899
#2	.1983774	-.017067	1.638947	.0113587	.0068718	88.83130
#3	.2023919	-.015400	1.647877	.0143986	.0070259	88.68436

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.378703	.0185005	.0200892	17.34862	.2273910	.2277796
Stddev	.009306	.0000494	.0002520	.22432	.0011389	.0009693
%RSD	.3912013	.2668824	1.254334	1.293005	.5008645	.4255500

#1	2.387978	.0184440	.0198507	17.18391	.2282172	.2288145
#2	2.378764	.0185350	.0200641	17.25785	.2278640	.2268930
#3	2.369367	.0185226	.0203528	17.60410	.2260918	.2276314

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1862523	342.9939	F 34.60428	11.00527	.2996788	-.013711
Stddev	.0015681	1.6197	.18614	.05697	.0011656	.000160
%RSD	.8419371	.4722205	.5379021	.5176922	.3889466	1.163515

#1	.1876099	342.7112	34.55441	11.00534	.2986091	-.013892
#2	.1845358	341.5341	34.44815	10.94826	.2995061	-.013649
#3	.1866112	344.7363	34.81027	11.06221	.3009211	-.013592

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.111483	.3608211	.4511650	4.467276	3.032191	.4869699
Stddev	.045678	.0011113	.0062517	.026711	.004629	.0028952
%RSD	4.109616	.3079873	1.385673	.5979189	.1526463	.5945411

#1	1.145150	.3597682	.4442711	4.491272	3.037201	.4896974
#2	1.059488	.3607122	.4527575	4.472061	3.028074	.4839320
#3	1.129812	.3619828	.4564664	4.438497	3.031299	.4872805

Sample Name: I7065-06 Acquired: 12/27/2017 16:02:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5E8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161209	1.441820	2.794053	.0067066	.5595265	.0411083
Stddev	.0003183	.015047	.034760	.0004436	.0039534	.0006183
%RSD	1.974633	1.043605	1.244058	6.614155	.7065621	1.504118

#1	.0163576	1.455310	2.760497	.0064680	.5637329	.0417715
#2	.0157591	1.425592	2.791759	.0072184	.5589592	.0410055
#3	.0162462	1.444560	2.829903	.0064334	.5558874	.0405478

Elem	Sr4077
Units	ppm
Avg	.0486629
Stddev	.0001978
%RSD	.4065122

#1	.0486645
#2	.0488599
#3	.0484643

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1531.714	2896.112	74310.57	13569.76	3366.087
Stddev	3.619	12.667	177.34	54.14	11.278
%RSD	.2362404	.4373824	.2386466	.3989569	.3350479

#1	1533.828	2898.702	74111.97	13559.02	3363.005
#2	1533.778	2882.350	74366.65	13628.46	3356.671
#3	1527.536	2907.284	74453.09	13521.80	3378.586

Sample Name: I7065-07 Acquired: 12/27/2017 16:32:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5E9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1402717	-.010783	1.420882	.0088063	.0048257	71.18270	1.902138
Stddev	.0006461	.003153	.006309	.0023707	.0014812	.12045	.003699
%RSD	.4605771	29.24536	.4439989	26.92075	30.69379	.1692106	.1944876

#1	.1399999	-.013981	1.426666	.0102072	.0043066	71.20843	1.906386
#2	.1398060	-.010690	1.414155	.0060691	.0064966	71.05147	1.899626
#3	.1410093	-.007676	1.421826	.0101426	.0036739	71.28820	1.900403

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161815	.0172634	11.50556	.1765178	.1935739	.1601404	264.9320
Stddev	.0001681	.0000763	.05062	.0015901	.0005695	.0006737	.5601
%RSD	1.038771	.4417706	.4399190	.9007899	.2942081	.4207260	.2114273

#1	.0163630	.0171938	11.51798	.1783046	.1940308	.1606737	264.3933
#2	.0161500	.0172516	11.54881	.1752586	.1937550	.1593832	264.8913
#3	.0160313	.0173449	11.44989	.1759902	.1929358	.1603644	265.5113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.24075	8.089422	.2488953	-.009602	1.030132	.3076541	.4286576
Stddev	.04906	.045946	.0009003	.000441	.082047	.0019142	.0108236
%RSD	.1677800	.5679760	.3617263	4.588807	7.964747	.6221990	2.525006

#1	29.18804	8.038190	.2488451	-.009813	.940201	.3054479	.4291212
#2	29.24913	8.126975	.2498197	-.009898	1.049289	.3088737	.4176096
#3	29.28508	8.103101	.2480211	-.009096	1.100905	.3086408	.4392420

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.668311	2.512263	.3593847	.0111022	1.015025	4.418406	.0079065
Stddev	.019523	.002798	.0062521	.0000868	.004615	.065322	.0010172
%RSD	.5322087	.1113883	1.739675	.7821918	.4546516	1.478405	12.86484

#1	3.646627	2.513772	.3535703	.0110068	1.017716	4.455009	.0088869
#2	3.684493	2.509034	.3585861	.0111767	1.009696	4.457220	.0079764
#3	3.673813	2.513983	.3659978	.0111231	1.017663	4.342990	.0068562

Sample Name: I7065-07 Acquired: 12/27/2017 16:32:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA5E9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6283852	.0360828	.0391475
Stddev	.0055811	.0002823	.0000636
%RSD	.8881652	.7822657	.1625012

#1	.6267334	.0363071	.0392136
#2	.6238165	.0357659	.0390867
#3	.6346058	.0361754	.0391422

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1528.743	2871.151	75343.18	13609.85	3378.642
Stddev	5.440	6.483	401.65	82.49	7.796
%RSD	.3558517	.2257871	.5330974	.6061211	.2307392

#1	1522.470	2878.228	74911.38	13549.12	3386.965
#2	1531.599	2869.724	75705.67	13576.67	3377.449
#3	1532.160	2865.501	75412.48	13703.77	3371.511

Sample Name: I7063-11 Acquired: 12/27/2017 16:36:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5E1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7570083	-.013600	.3774617	.1500824	.6290461	16.93896	.0676216
Stddev	.0030826	.002145	.0036954	.0004118	.0024537	.05980	.0002918
%RSD	.4072104	15.77367	.9790191	.2743485	.3900662	.3530052	.4314505

#1	.7544487	-.011450	.3735975	.1500323	.6318487	16.98970	.0676296
#2	.7604303	-.015741	.3778261	.1505169	.6272847	16.95413	.0679093
#3	.7561460	-.013608	.3809613	.1496980	.6280047	16.87304	.0673260

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2514654	.1651473	8.370802	.0321232	.3064760	.2709740	38.70639
Stddev	.0012213	.0005853	.066040	.0003859	.0008934	.0013164	.11690
%RSD	.4856671	.3543957	.7889307	1.201471	.2915204	.4857976	.3020214

#1	.2528736	.1644720	8.294957	.0316831	.3054495	.2719327	38.57328
#2	.2506949	.1655094	8.401883	.0322823	.3069000	.2715161	38.75348
#3	.2508279	.1654604	8.415568	.0324041	.3070785	.2694731	38.79239

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3596706	60.53011	.3434406	.0665450	39.16141	1.324416	.0397911
Stddev	.0026936	.03035	.0002314	.0001485	.11200	.002596	.0005509
%RSD	.7489008	.0501441	.0673857	.2231426	.2859846	.1960317	1.384462

#1	.3570621	60.50324	.3432853	.0664242	39.29017	1.325558	.0391559
#2	.3595080	60.52407	.3433299	.0667108	39.10752	1.321444	.0400790
#3	.3624418	60.56304	.3437066	.0665001	39.08655	1.326245	.0401384

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.220868	.1050810	.1053841	.0041951	.7219498	5.606612	.0035462
Stddev	.020783	.0010187	.0004157	.0001664	.0053123	.098616	.0006942
%RSD	.9357862	.9694223	.3944614	3.965432	.7358247	1.758930	19.57740

#1	2.210637	.1041817	.1053873	.0042665	.7224188	5.686902	.0042196
#2	2.207185	.1061873	.1049669	.0040049	.7164186	5.496536	.0035861
#3	2.244783	.1048739	.1057983	.0043138	.7270121	5.636397	.0028328

Sample Name: I7063-11 Acquired: 12/27/2017 16:36:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5E1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6571187	.0044255	.0209585
Stddev	.0015317	.0003643	.0001398
%RSD	.2331001	8.232706	.6669645

#1	.6583002	.0046358	.0210190
#2	.6576678	.0046359	.0210578
#3	.6553881	.0040048	.0207986

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1168.488	2236.097	56802.20	10025.46	3495.789
Stddev	4.878	24.492	219.94	66.37	23.491
%RSD	.4174743	1.095307	.3872084	.6620068	.6719736

#1	1172.253	2208.134	56578.62	9957.79	3468.665
#2	1162.977	2246.418	56809.64	10028.13	3509.494
#3	1170.234	2253.739	57018.32	10090.45	3509.209

Sample Name: I7065-08 Acquired: 12/27/2017 16:40:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA5F0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8464755	-.013465	.4204753	.1678807	.6905206	18.77271	.0714592
Stddev	.0005335	.002161	.0023726	.0007348	.0009441	.02251	.0001949
%RSD	.0630307	16.05103	.5642681	.4377178	.1367200	.1198894	.2727668

#1	.8467444	-.012600	.4231502	.1685985	.6894491	18.79642	.0712370
#2	.8468211	-.011870	.4196506	.1671299	.6908827	18.75164	.0716014
#3	.8458610	-.015925	.4186250	.1679138	.6912301	18.77008	.0715392

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2885671	.1867213	9.653403	.0362877	.3553491	.3050451	43.68335
Stddev	.0022467	.0006942	.099661	.0002844	.0007972	.0009482	.22947
%RSD	.7785597	.3717924	1.032394	.7837409	.2243333	.3108423	.5252942

#1	.2888741	.1864515	9.538721	.0361633	.3546926	.3045916	43.45155
#2	.2906445	.1875099	9.702481	.0360867	.3562361	.3044089	43.68809
#3	.2861827	.1862025	9.719009	.0366131	.3551186	.3061350	43.91041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4078531	66.85771	.3954203	.0699896	41.90498	1.497122	.0456926
Stddev	.0042509	.40901	.0004411	.0001463	.12765	.002388	.0013819
%RSD	1.042256	.6117654	.1115507	.2089657	.3046185	.1595342	3.024413

#1	.4031248	66.39206	.3958868	.0701580	41.79109	1.494869	.0469466
#2	.4090762	67.02219	.3950099	.0699164	41.88089	1.496870	.0442110
#3	.4113583	67.15887	.3953643	.0698944	42.04296	1.499626	.0459203

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.395557	.1143881	.1190488	.0041247	.8612905	5.817483	.0043743
Stddev	.015827	.0024548	.0004330	.0002129	.0056745	.115736	.0009661
%RSD	.6606767	2.146037	.3636837	5.160316	.6588412	1.989445	22.08593

#1	2.385099	.1145099	.1186339	.0040078	.8547670	5.935552	.0049146
#2	2.413765	.1118746	.1194978	.0039958	.8650845	5.812665	.0049494
#3	2.387807	.1167797	.1190146	.0043703	.8640201	5.704232	.0032589

Sample Name: I7065-08 Acquired: 12/27/2017 16:40:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA5F0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6977731	.0050160	.0238569
Stddev	.0054830	.0001182	.0000923
%RSD	.7857849	2.355648	.3867371

#1	.6937253	.0051524	.0237745
#2	.6955810	.0049507	.0239566
#3	.7040130	.0049449	.0238396

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1181.702	2212.873	57075.19	10069.88	3459.983
Stddev	4.923	6.786	39.18	40.14	12.379
%RSD	.4166321	.3066748	.0686536	.3986059	.3577821

#1	1176.214	2205.247	57098.76	10059.04	3446.058
#2	1185.732	2218.248	57096.86	10036.28	3464.149
#3	1183.160	2215.123	57029.96	10114.33	3469.741

Sample Name: CCV064 Acquired: 12/27/2017 16:45:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.093977	4.719965	24.57328	5.049193	5.050817	393.7455
Stddev	.020282	.013287	.05664	.013825	.014019	.9696
%RSD	.3981595	.2815032	.2304955	.2737973	.2775634	.2462483

#1	5.116394	4.706392	24.50808	5.064824	5.066458	392.6376
#2	5.088641	4.720557	24.61037	5.038571	5.046609	394.4390
#3	5.076897	4.732946	24.60138	5.044183	5.039383	394.1600

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.22624	.5164456	2.514612	396.3533	15.28796	2.488631
Stddev	.05265	.0044035	.008275	2.8445	.03737	.006146
%RSD	.5148302	.8526603	.3290716	.7176792	.2444579	.2469737

#1	10.16547	.5158163	2.505342	394.1022	15.30354	2.481598
#2	10.25809	.5123906	2.521254	395.4073	15.24531	2.492973
#3	10.25516	.5211299	2.517240	399.5503	15.31501	2.491322

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.18252	389.2633	14.79073	402.2945	2.492016	F 1.392576
Stddev	.01038	1.5338	.08142	1.8914	.003397	.001105
%RSD	.0683443	.3940136	.5504956	.4701632	.1363174	.0793463

#1	15.17311	387.5978	14.70762	400.2035	2.488176	1.393197
#2	15.19365	389.5744	14.79421	402.7938	2.493241	1.391300
#3	15.18079	390.6175	14.87035	403.8861	2.494631	1.393230

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	389.8218	2.519304	15.32752	153.9331	5.105751	5.365685
Stddev	1.6067	.016569	.14431	.2546	.029636	.035317
%RSD	.4121692	.6576648	.9415168	.1653657	.5804463	.6581929

#1	388.3983	2.513467	15.20210	153.8396	5.097472	5.343151
#2	389.5030	2.538002	15.48525	153.7386	5.081135	5.347516
#3	391.5640	2.506445	15.29523	154.2212	5.138646	5.406387

Sample Name: CCV064 Acquired: 12/27/2017 16:45:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV064 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.083384	5.129195	5.030731	5.103582	5.038946	5.280406
Stddev	.008475	.016719	.028663	.003654	.015347	.031693
%RSD	.1667159	.3259524	.5697638	.0715903	.3045712	.6002014

#1	5.092737	5.125764	5.028478	5.102686	5.029808	5.259454
#2	5.076216	5.114457	5.003260	5.107601	5.030366	5.264896
#3	5.081199	5.147362	5.060454	5.100460	5.056665	5.316866

Elem	Sr4077
Units	ppm
Avg	5.076908
Stddev	.029727
%RSD	.5855423

#1	5.111093
#2	5.062514
#3	5.057118

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	946.8276	1793.161	47607.93	9172.520	2529.292
Stddev	7.3142	7.365	193.33	18.017	3.780
%RSD	.7724923	.4107346	.4060919	.1964274	.1494635

#1	951.4197	1784.971	47528.44	9169.037	2526.957
#2	938.3930	1795.272	47467.01	9192.025	2527.266
#3	950.6700	1799.240	47828.33	9156.499	2533.654

Sample Name: CCB064 Acquired: 12/27/2017 16:49:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001803	.0019831	.0008180	.0027676	.0002014	.0005011	-.001365
Stddev	.002786	.0011858	.0006333	.0030291	.0006494	.0003123	.000456
%RSD	154.4760	59.79525	77.42014	109.4493	322.4678	62.32576	33.38380

#1	-.005017	.0006149	.0014824	.0011703	-.000351	.0004652	-.001741
#2	-.000312	.0026203	.0002212	.0062611	.000038	.0008298	-.001497
#3	-.000081	.0027140	.0007504	.0008715	.000917	.0002083	-.000858

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000084	.0000192	.0073037	-.000003	-.000138	.0010307	.0059944
Stddev	.000033	.0000333	.0066887	.000327	.000095	.0010721	.0055162
%RSD	39.37858	173.4406	91.57907	12846.85	69.18664	104.0206	92.02343

#1	-.000047	-.000019	.0147188	.000277	-.000078	.0019323	.0123443
#2	-.000093	.000042	.0054673	-.000362	-.000247	.0013145	.0032524
#3	-.000112	.000035	.0017251	.000076	-.000087	-.000155	.0023864

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002705	.0012205	-.000208	.0002687	-.165700	-.001026	-.002623
Stddev	.0002396	.0055968	.000248	.0000789	.009593	.000752	.001162
%RSD	88.55265	458.5754	119.3872	29.36862	5.789361	73.32822	44.29056

#1	.0000123	.0017412	-.000136	.0001780	-.159391	-.001515	-.003868
#2	.0003137	.0065387	-.000004	.0003218	-.176739	-.000160	-.002433
#3	.0004856	-.004619	-.000485	.0003062	-.160970	-.001403	-.001568

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.211761	-.000762	.0016120	.0003065	-.025680	-.002677	.0009668
Stddev	.020139	.001702	.0004699	.0001273	.001944	.001225	.0003120
%RSD	9.510172	223.2030	29.14799	41.51713	7.569095	45.76877	32.27134

#1	-.206503	-.002596	.0017363	.0002389	-.026660	-.001329	.0012710
#2	-.234007	-.000455	.0020072	.0004533	-.023441	-.002979	.0006476
#3	-.194773	.000765	.0010925	.0002273	-.026938	-.003724	.0009819

Sample Name: CCB064 Acquired: 12/27/2017 16:49:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v391) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB064 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013463	.0019459	.0000185
Stddev	.0006379	.0003044	.0000153
%RSD	47.38357	15.64521	82.85947

#1	.0019876	.0022972	.0000315
#2	.0013395	.0017811	.0000224
#3	.0007118	.0017593	.0000016

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1204.639	2301.324	58473.83	9842.208	3998.920
Stddev	11.894	36.874	241.25	126.941	37.044
%RSD	.9873459	1.602291	.4125768	1.289756	.9263387

#1	1193.677	2278.026	58215.68	9722.100	3971.485
#2	1202.955	2282.109	58512.26	9829.500	3984.216
#3	1217.286	2343.837	58693.57	9975.025	4041.057