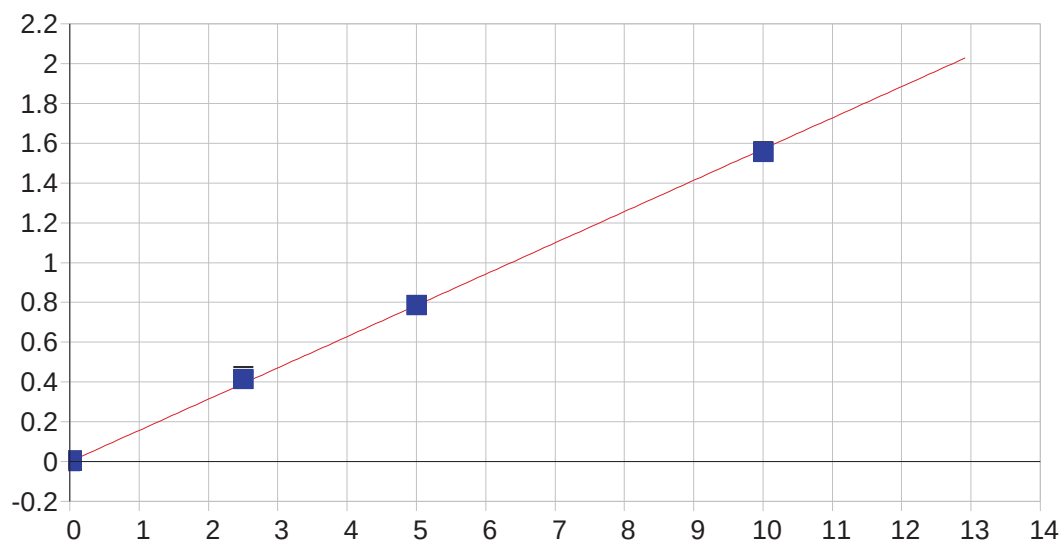




As 189.042 {478}

Date of Fit: 7/28/2017 11:15:32

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000403

Re-Slope: 1.000000

A1 (Gain): 0.157069

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999784

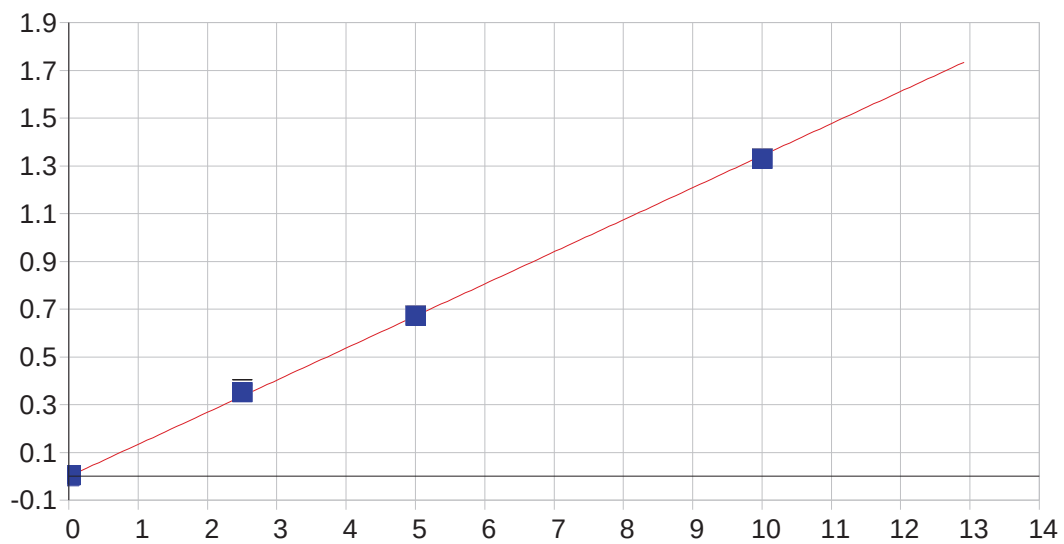
Status: OK.

Std Error of Est: 0.000079

Predicted MDL: 0.002093

Predicted MQL: 0.006976

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00040	.000	1
S1	.02000	.02193	.002	9.65	.00309	.000	1
S3	2.5000	2.6233	.123	4.93	.41218	.012	1
S4	5.0000	4.9887	-.011	-.225	.78426	.001	1
S5	10.000	9.8860	-.114	-1.14	1.5545	.001	1

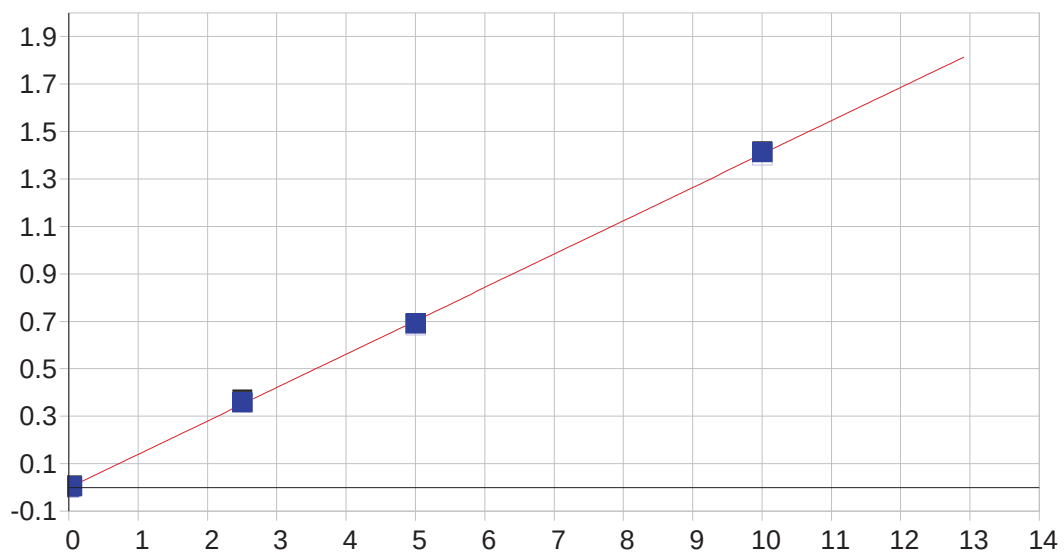


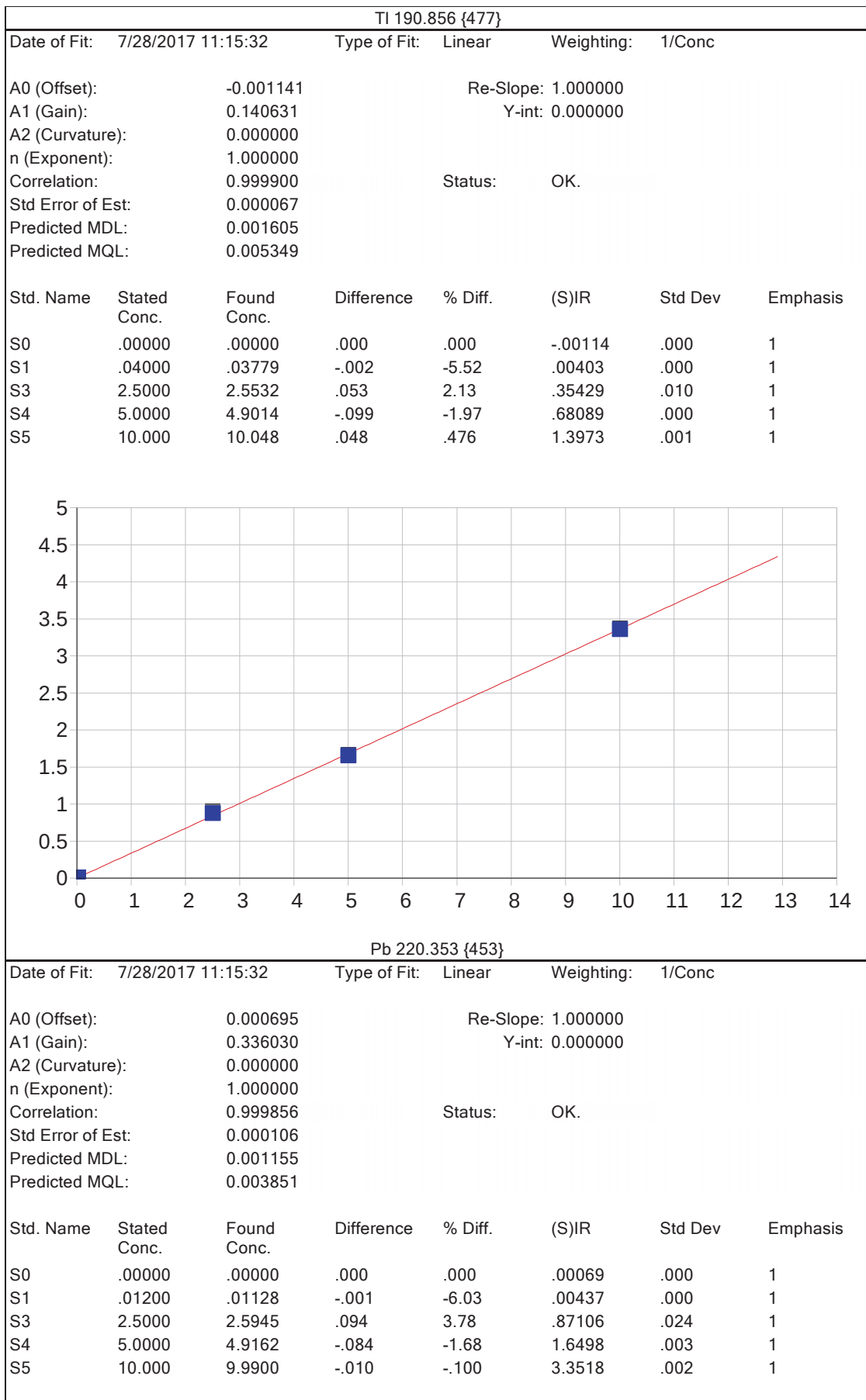
As 189.042 {479}

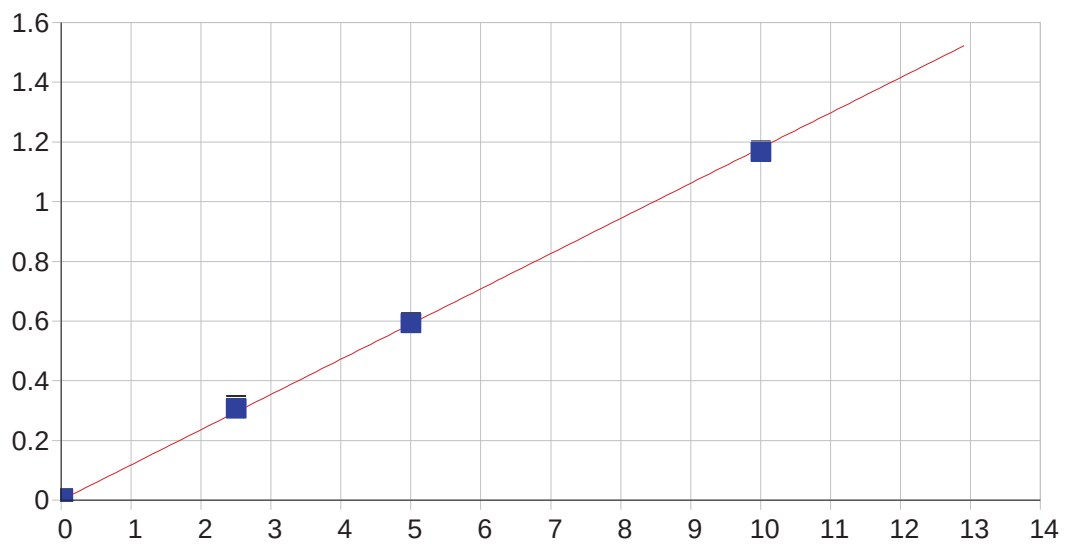
Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000721 Re-Slope: 1.000000
 A1 (Gain): 0.134341 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.001723
 Predicted MQL: 0.005744

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00072	.000	1
S1	.02000	.02111	.001	5.54	.00216	.000	1
S3	2.5000	2.6156	.116	4.63	.35113	.011	1
S4	5.0000	4.9958	-.004	-.083	.67136	.001	1
S5	10.000	9.8874	-.113	-1.13	1.3294	.000	1







Se 196.090 {472}

Date of Fit: 7/28/2017 11:15:32

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000336

Re-Slope: 1.000000

A1 (Gain): 0.117926

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999855

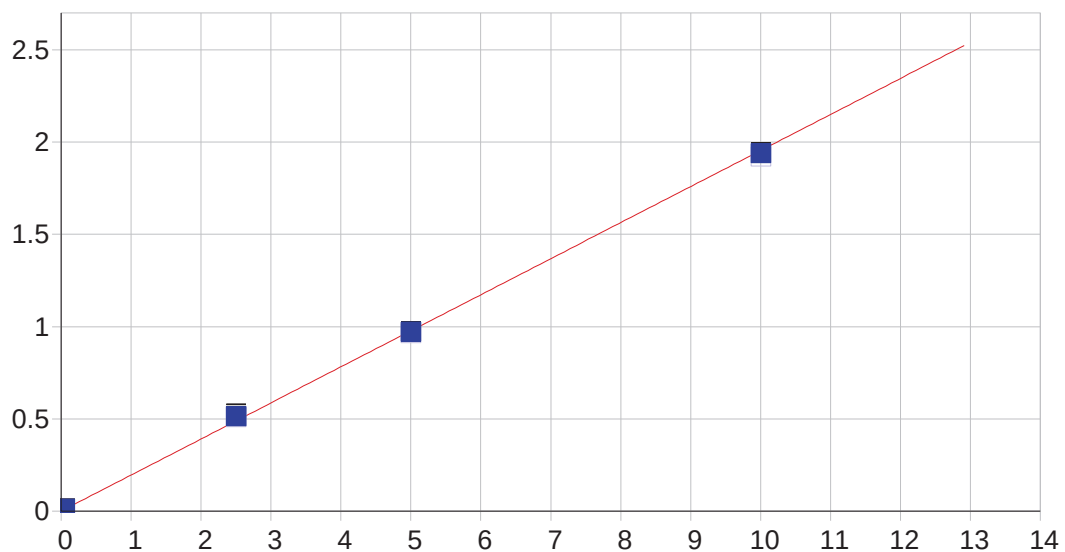
Status: OK.

Std Error of Est: 0.000049

Predicted MDL: 0.002230

Predicted MQL: 0.007434

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.02000	.02194	.002	9.71	.00292	.000	1
S3	2.5000	2.5943	.094	3.77	.30644	.008	1
S4	5.0000	5.0172	.017	.344	.59234	.001	1
S5	10.000	9.8865	-.113	-1.13	1.1669	.002	1

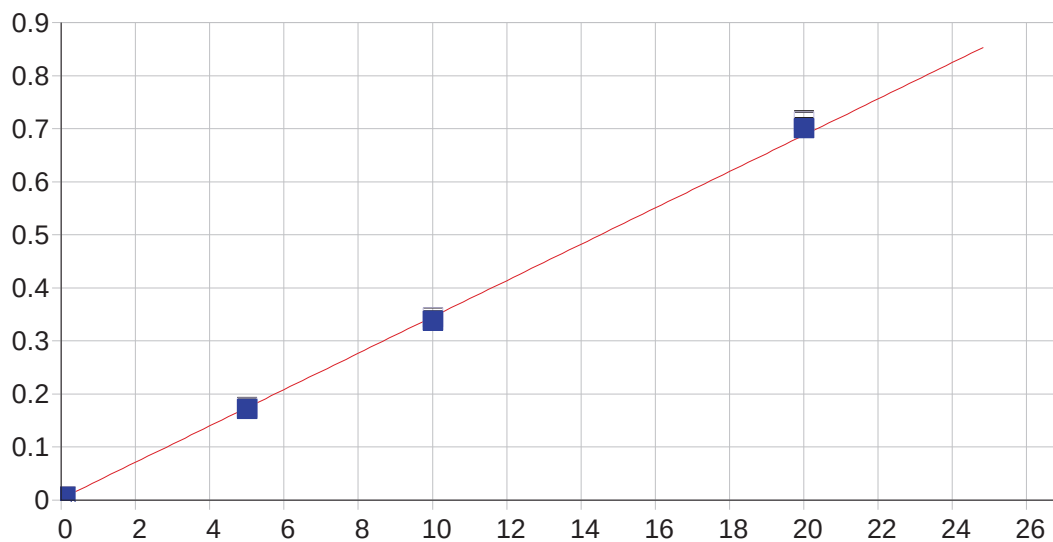


Sb 206.833 {463}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000456 Re-Slope: 1.000000
 A1 (Gain): 0.195371 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999811 Status: OK.
 Std Error of Est: 0.000144
 Predicted MDL: 0.001647
 Predicted MQL: 0.005489

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00046	.000	1
S1	.05000	.04938	-.001	-1.23	.01003	.000	1
S3	2.5000	2.6181	.118	4.72	.50738	.015	1
S4	5.0000	4.9694	-.031	-.612	.96219	.001	1
S5	10.000	9.9131	-.087	-.869	1.9189	.005	1

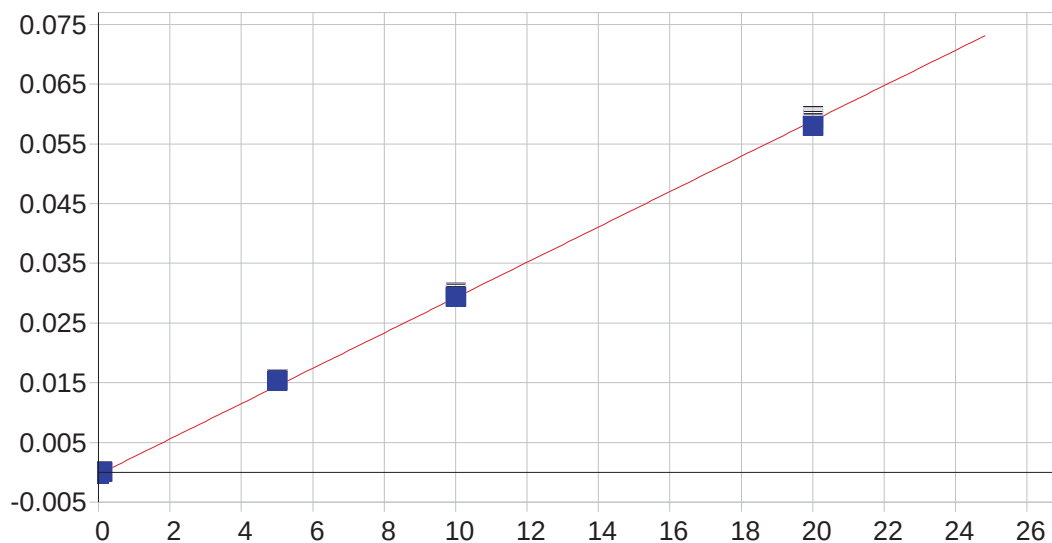


Al 308.215 {109}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002864 Re-Slope: 1.000000
 A1 (Gain): 0.034244 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999777 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.004282
 Predicted MQL: 0.014272

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00286	.000	1
S1	.10000	.08479	-.015	-15.2	.00600	.000	1
S3	5.0000	4.9033	-.097	-1.93	.17411	.001	1
S4	10.000	9.7588	-.241	-2.41	.34371	.000	1
S5	20.000	20.354	.354	1.77	.71320	.002	1

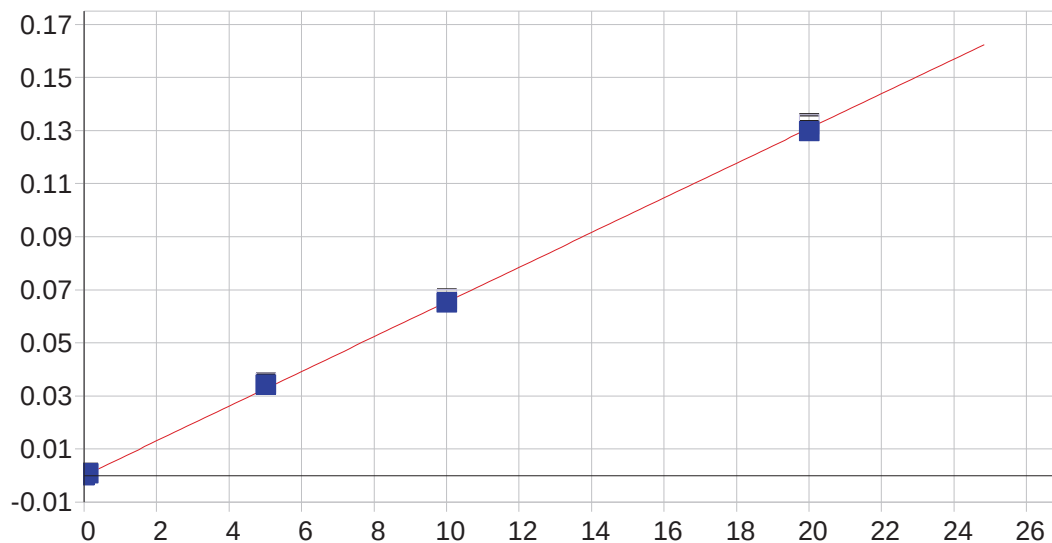


AI 309.271 {109}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000343 Re-Slope: 1.000000
 A1 (Gain): 0.002959 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999748 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.026508
 Predicted MQL: 0.088360

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.10000	.09941	-.001	-.590	-.00003	.000	1
S3	5.0000	5.2648	.265	5.30	.01553	.000	1
S4	10.000	10.028	.028	.279	.02991	.000	1
S5	20.000	19.708	-.292	-1.46	.05913	.000	1

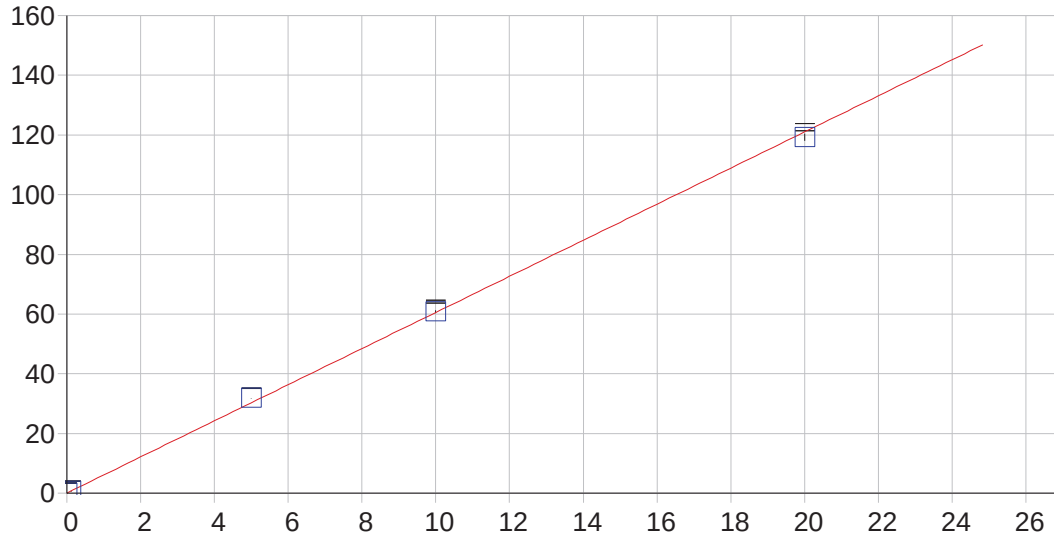


Al 396.152 { 85}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000009 Re-Slope: 1.000000
A1 (Gain): 0.006541 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999812 Status: OK.
Std Error of Est: 0.000010
Predicted MDL: 0.015706
Predicted MQL: 0.052353

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00001	.000	1
S1	.10000	.11184	.012	11.8	.00077	.000	1
S3	5.0000	5.2264	.226	4.53	.03481	.000	1
S4	10.000	9.9537	-.046	-.463	.06637	.000	1
S5	20.000	19.808	-.192	-.962	.13209	.000	1

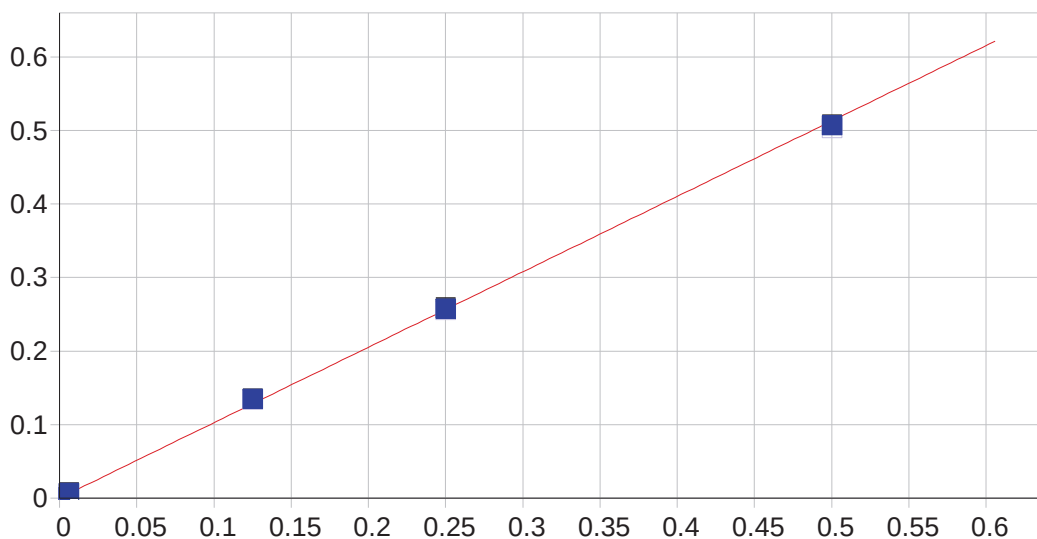


Ba 493.409 { 68}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.049444 Re-Slope: 1.000000
A1 (Gain): 6.047885 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999758 Status: OK.
Std Error of Est: 0.010182
Predicted MDL: 0.000689
Predicted MQL: 0.002295

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.04942	.002	1
S1	.10000	.10013	.000	.131	.65503	.004	1
S3	5.0000	5.2503	.250	5.01	31.803	.115	1
S5	20.000	19.706	-.294	-1.47	119.23	1.14	1
S4	10.000	10.043	.043	.431	60.789	.519	1



Be 234.861 {144}

Date of Fit: 7/28/2017 11:15:32

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000073

Re-Slope: 1.000000

A1 (Gain): 1.025728

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999798

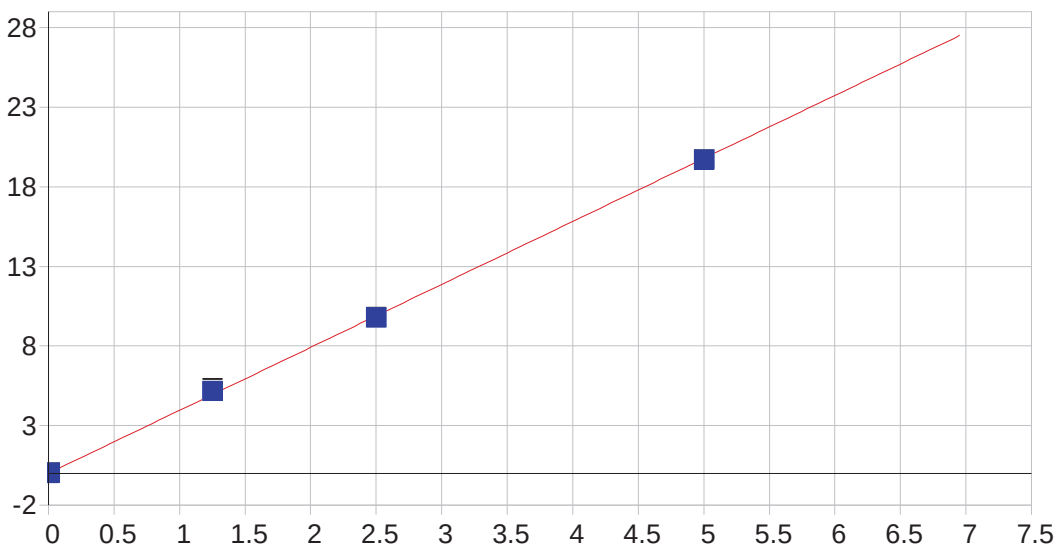
Status: OK.

Std Error of Est: 0.000061

Predicted MDL: 0.000068

Predicted MQL: 0.000225

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.00600	.00614	.000	2.41	.00631	.000	1
S3	.12500	.13074	.006	4.59	.13333	.000	1
S4	.25000	.25059	.001	.236	.25542	.001	1
S5	.50000	.49353	-.006	-1.29	.50293	.001	1

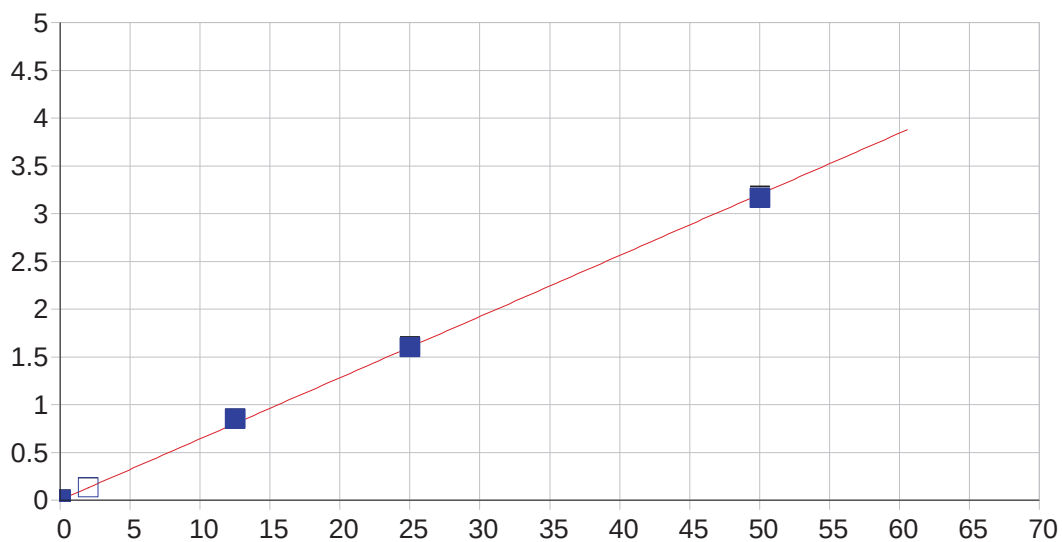


Cd 226.502 {449}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000380 Re-Slope: 1.000000
 A1 (Gain): 3.956317 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840 Status: OK.
 Std Error of Est: 0.000662
 Predicted MDL: 0.000097
 Predicted MQL: 0.000322

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00038	.000	1
S1	.00600	.00615	.000	2.42	.02396	.000	1
S3	1.2500	1.3038	.054	4.31	5.1588	.150	1
S4	2.5000	2.4698	-.030	-1.21	9.7723	.004	1
S5	5.0000	4.9762	-.024	-.475	19.690	.003	1

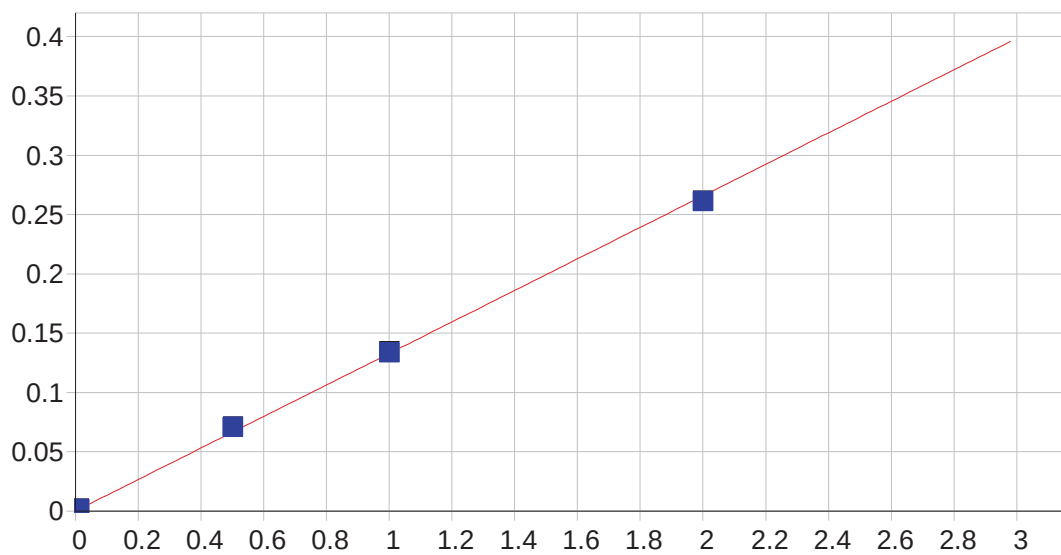


Ca 373.690 { 90}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001724 Re-Slope: 1.000000
 A1 (Gain): 0.063999 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999720 Status: OK.
 Std Error of Est: 0.000827
 Predicted MDL: 0.016263
 Predicted MQL: 0.054211

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9836	-.016	-.820	.12867	.000	1
S0	.00000	-.00007	.000	.000	.00172	.000	1
S3	12.500	13.215	.715	5.72	.84778	.002	1
S4	25.000	24.971	-.029	-.114	1.6004	.001	1
S5	50.000	49.329	-.671	-1.34	3.1599	.019	1

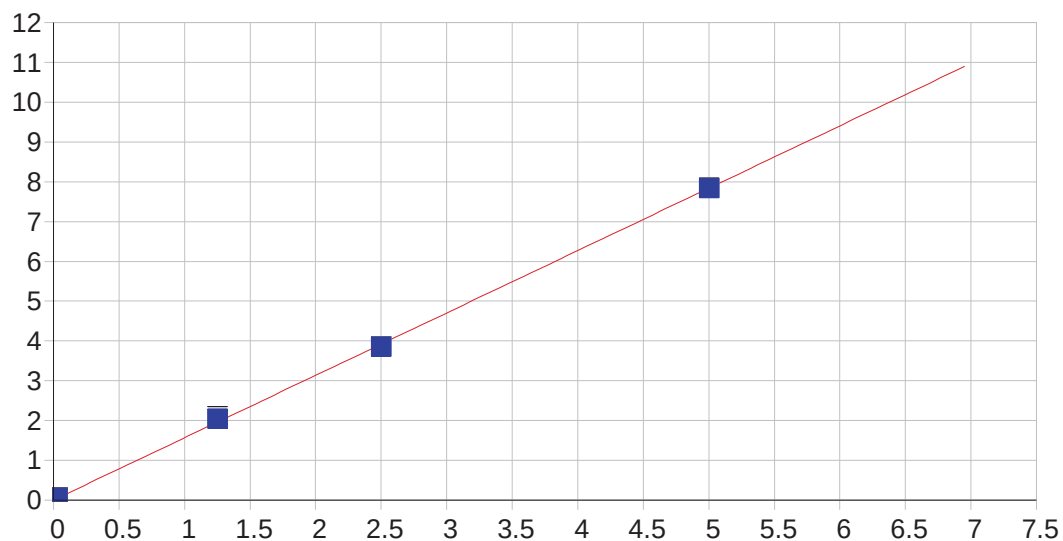


Cr 267.716 {126}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000103 Re-Slope: 1.000000
 A1 (Gain): 0.132844 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999626 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.000614
 Predicted MQL: 0.002047

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.01000	.01025	.000	2.47	.00147	.000	1
S3	.50000	.53146	.031	6.29	.07078	.000	1
S4	1.0000	1.0038	.004	.384	.13360	.001	1
S5	2.0000	1.9644	-.036	-1.78	.26136	.000	1

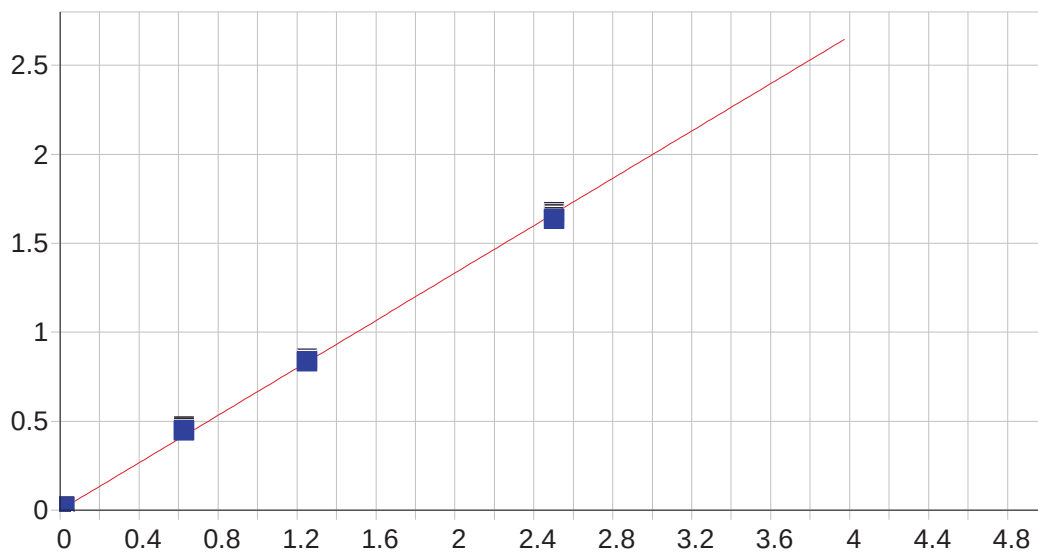


Co 228.616 {447}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001545 Re-Slope: 1.000000
 A1 (Gain): 1.567317 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999830 Status: OK.
 Std Error of Est: 0.000605
 Predicted MDL: 0.000247
 Predicted MQL: 0.000823

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00154	.000	1
S1	.03000	.02983	.000	-.577	.04799	.000	1
S3	1.2500	1.3017	.052	4.14	2.0435	.058	1
S4	2.5000	2.4543	-.046	-1.83	3.8517	.000	1
S5	5.0000	4.9942	-.006	-.116	7.8362	.005	1

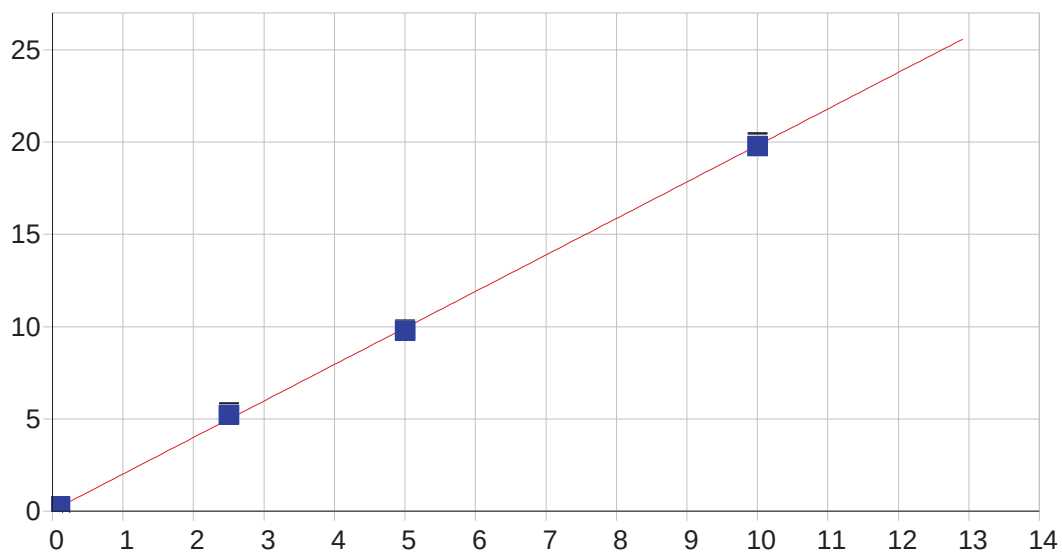


Cu 224.700 {450}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000541 Re-Slope: 1.000000
 A1 (Gain): 0.665692 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999557 Status: OK.
 Std Error of Est: 0.000244
 Predicted MDL: 0.000599
 Predicted MQL: 0.001997

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00054	.000	1
S1	.02000	.02150	.001	7.49	.01507	.000	1
S3	.62500	.66908	.044	7.05	.45396	.013	1
S4	1.2500	1.2499	.000	-.004	.84866	.002	1
S5	2.5000	2.4545	-.046	-1.82	1.6666	.007	1

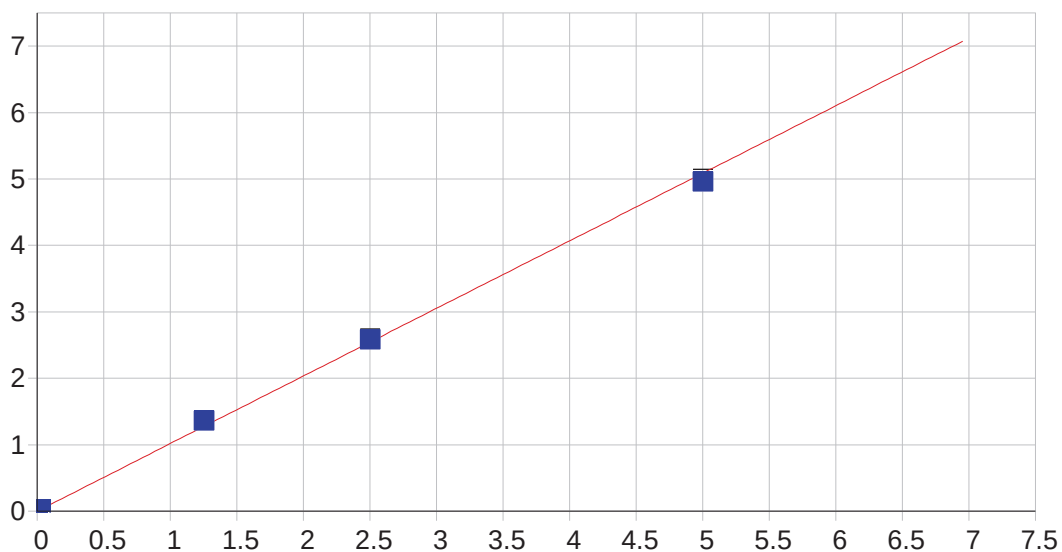


Fe 240.488 {140}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.034601 Re-Slope: 1.000000
 A1 (Gain): 1.978247 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999819 Status: OK.
 Std Error of Est: 0.002035
 Predicted MDL: 0.007831
 Predicted MQL: 0.026103

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.03460	.012	1
S1	.10000	.09859	-.001	-1.41	.22941	.015	1
S3	2.5000	2.6113	.111	4.45	5.1915	.105	1
S4	5.0000	4.9196	-.080	-1.61	9.7489	.039	1
S5	10.000	9.9705	-.029	-.295	19.723	.185	1

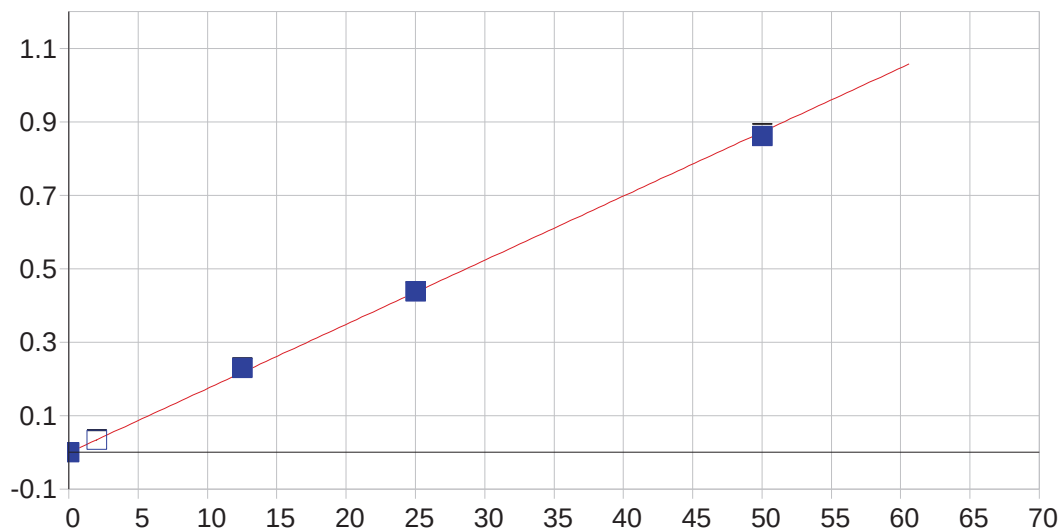


Mn 257.610 {131}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000514 Re-Slope: 1.000000
 A1 (Gain): 1.017218 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999441 Status: OK.
 Std Error of Est: 0.000582
 Predicted MDL: 0.000082
 Predicted MQL: 0.000274

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00051	.000	1
S1	.02000	.02095	.001	4.76	.02182	.000	1
S3	1.2500	1.3374	.087	6.99	1.3608	.000	1
S4	2.5000	2.5368	.037	1.47	2.5809	.006	1
S5	5.0000	4.8749	-.125	-2.50	4.9592	.035	1

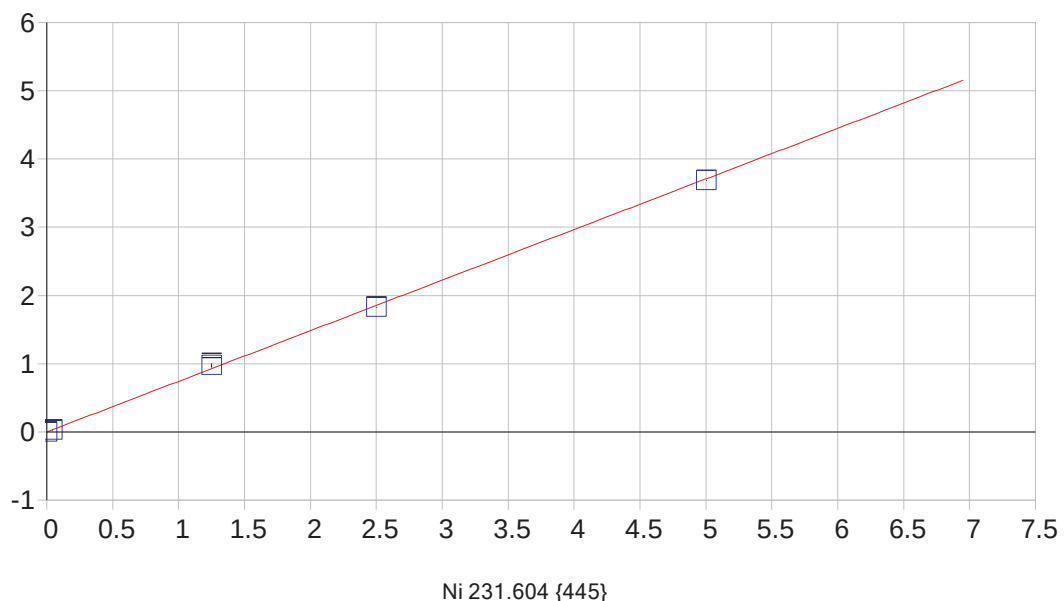


Mg 279.079 {121}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000608 Re-Slope: 1.000000
 A1 (Gain): 0.017455 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999766 Status: OK.
 Std Error of Est: 0.000206
 Predicted MDL: 0.031680
 Predicted MQL: 0.105599

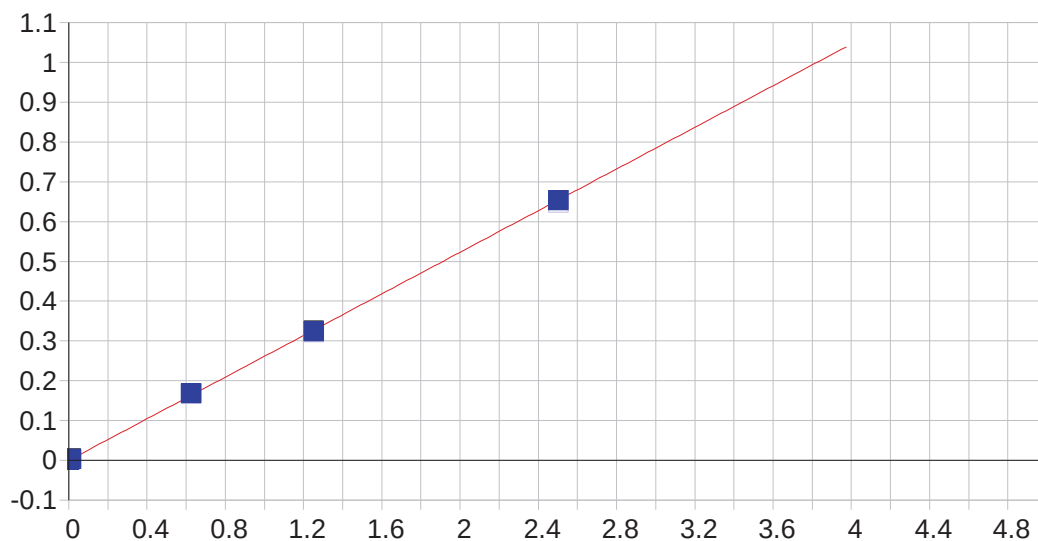
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9589	-.041	-2.05	.03359	.001	1
S0	.00000	-.00004	.000	.000	-.00061	.000	1
S3	12.500	13.131	.631	5.05	.22837	.000	1
S4	25.000	25.077	.077	.309	.43666	.000	1
S5	50.000	49.333	-.667	-1.33	.85957	.007	1



Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000065 Re-Slope: 1.000000
 A1 (Gain): 0.741609 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999772 Status: OK.
 Std Error of Est: 0.000383
 Predicted MDL: 0.000452
 Predicted MQL: 0.001505

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.04000	.04063	.001	1.57	.03007	.000	1
S3	1.2500	1.3144	.064	5.15	.97469	.030	1
S4	2.5000	2.4646	-.035	-1.41	1.8277	.002	1
S5	5.0000	4.9704	-.030	-.593	3.6860	.000	1

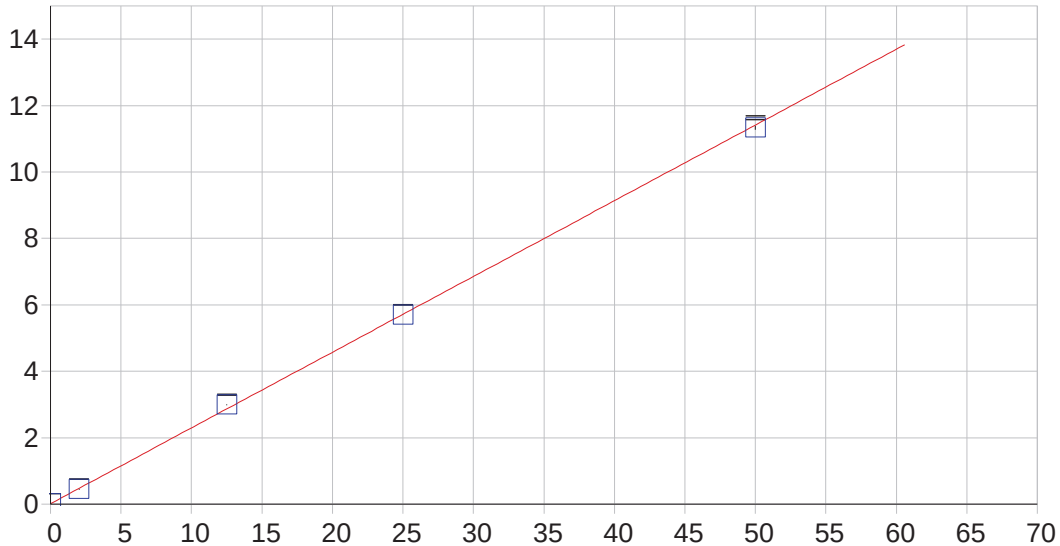


Ag 328.068 {103}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000115 Re-Slope: 1.000000
 A1 (Gain): 0.261494 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.000594
 Predicted MQL: 0.001980

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.01000	.01008	.000	.820	.00247	.000	1
S3	.62500	.64255	.018	2.81	.16635	.000	1
S4	1.2500	1.2375	-.013	-1.00	.32037	.001	1
S5	2.5000	2.4949	-.005	-.205	.64606	.000	1

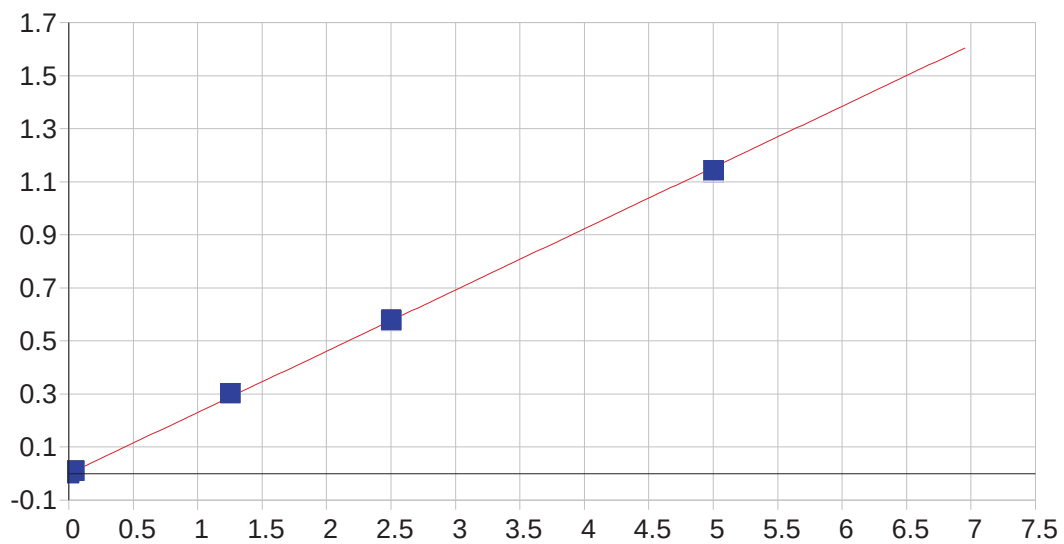


Na 589.592 { 57}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015016 Re-Slope: 1.000000
 A1 (Gain): 0.227992 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827 Status: OK.
 Std Error of Est: 0.002316
 Predicted MDL: 0.012541
 Predicted MQL: 0.041804

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9027	-.097	-4.87	.44880	.000	1
S0	.00000	.00003	.000	.000	.01502	.001	1
S3	12.500	13.039	.539	4.31	2.9878	.012	1
S4	25.000	24.936	-.064	-.256	5.7002	.008	1
S5	50.000	49.622	-.378	-.755	11.328	.054	1

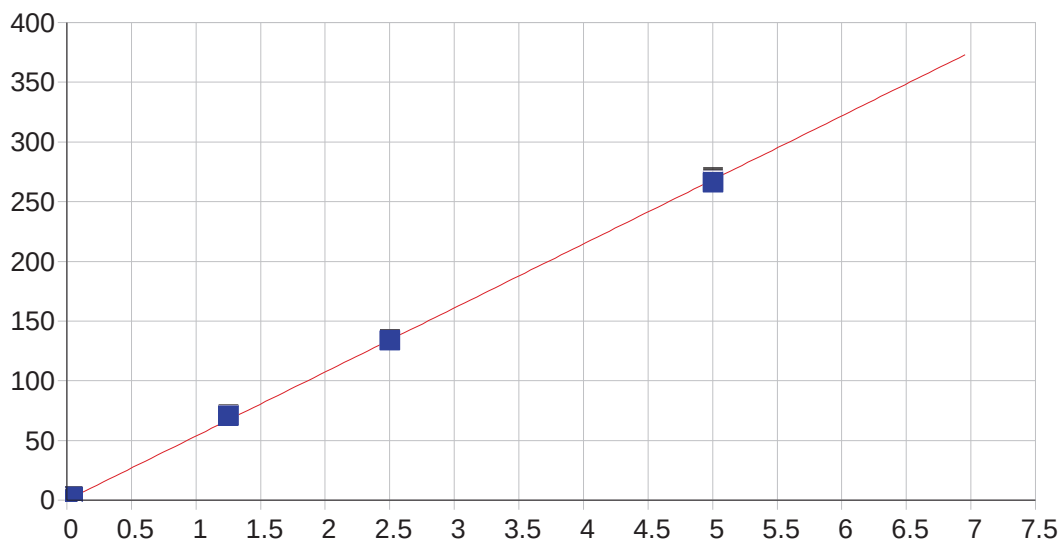


V 292.402 {115}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000228 Re-Slope: 1.000000
 A1 (Gain): 0.230796 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796 Status: OK.
 Std Error of Est: 0.000112
 Predicted MDL: 0.000507
 Predicted MQL: 0.001690

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.04000	.03939	-.001	-1.53	.00872	.000	1
S3	1.2500	1.3096	.060	4.77	.30017	.000	1
S4	2.5000	2.4998	.000	-.009	.57300	.001	1
S5	5.0000	4.9412	-.059	-1.18	1.1328	.000	1

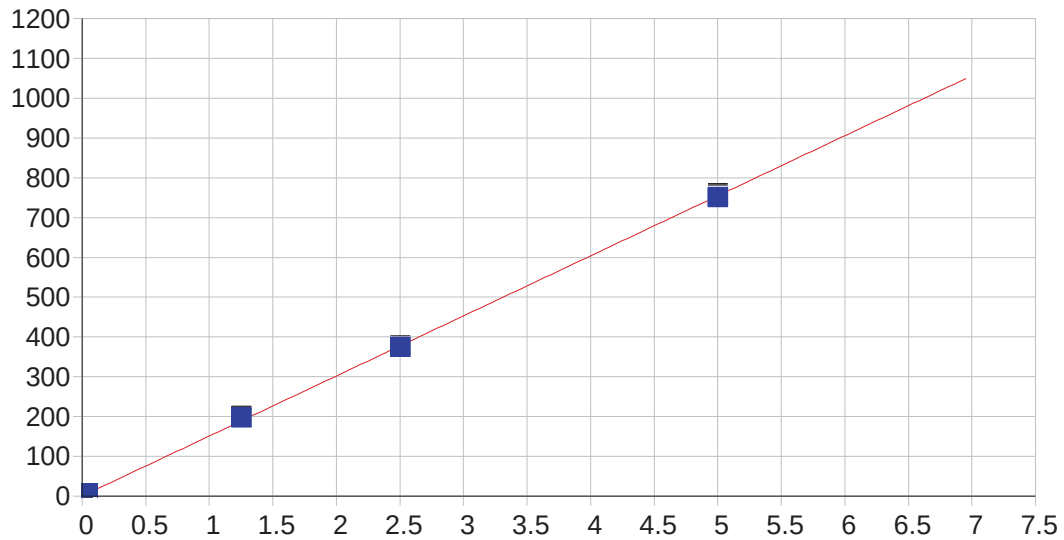


Zn 206.200 {163}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.093920 Re-Slope: 1.000000
 A1 (Gain): 53.618864 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810 Status: OK.
 Std Error of Est: 0.025404
 Predicted MDL: 0.000383
 Predicted MQL: 0.001278

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.09381	.001	1
S1	.04000	.04071	.001	1.78	2.2899	.071	1
S3	1.2500	1.3098	.060	4.78	70.695	.295	1
S4	2.5000	2.4845	-.015	-.619	134.06	.203	1
S5	5.0000	4.9550	-.045	-.900	267.27	2.37	1

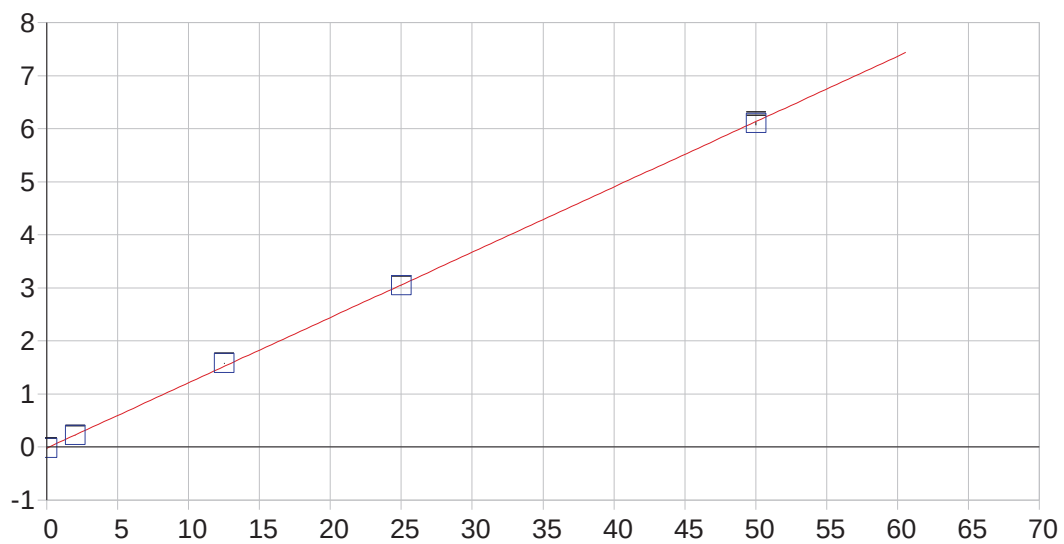


Zn 213.856 {458}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.239482 Re-Slope: 1.000000
 A1 (Gain): 150.890027 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846 Status: OK.
 Std Error of Est: 0.064395
 Predicted MDL: 0.000077
 Predicted MQL: 0.000258

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.23925	.013	1
S1	.04000	.04039	.000	.986	6.3714	.135	1
S3	1.2500	1.3040	.054	4.32	198.05	2.66	1
S4	2.5000	2.4786	-.021	-.855	376.34	1.26	1
S5	5.0000	4.9670	-.033	-.660	753.91	6.08	1



K 766.490 { 44}

Date of Fit: 7/28/2017 11:15:32

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.018753

Re-Slope: 1.000000

A1 (Gain): 0.123011

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999865

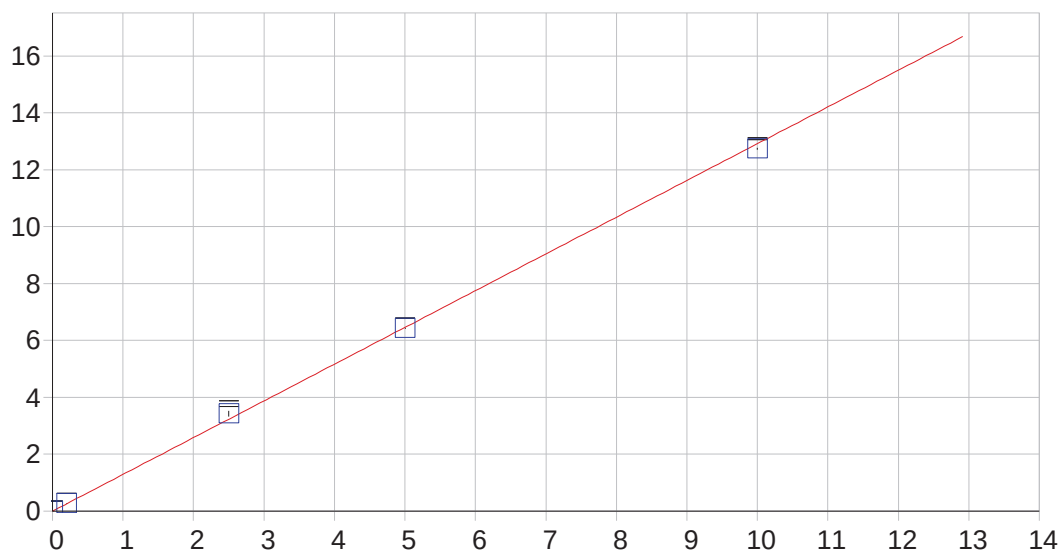
Status: OK.

Std Error of Est: 0.001105

Predicted MDL: 0.031806

Predicted MQL: 0.106021

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9196	-.080	-4.02	.21738	.002	1
S0	.00000	.00002	.000	.000	-.01875	.003	1
S3	12.500	12.985	.485	3.88	1.5785	.000	1
S4	25.000	24.865	-.135	-.539	3.0399	.004	1
S5	50.000	49.730	-.270	-.539	6.0986	.033	1

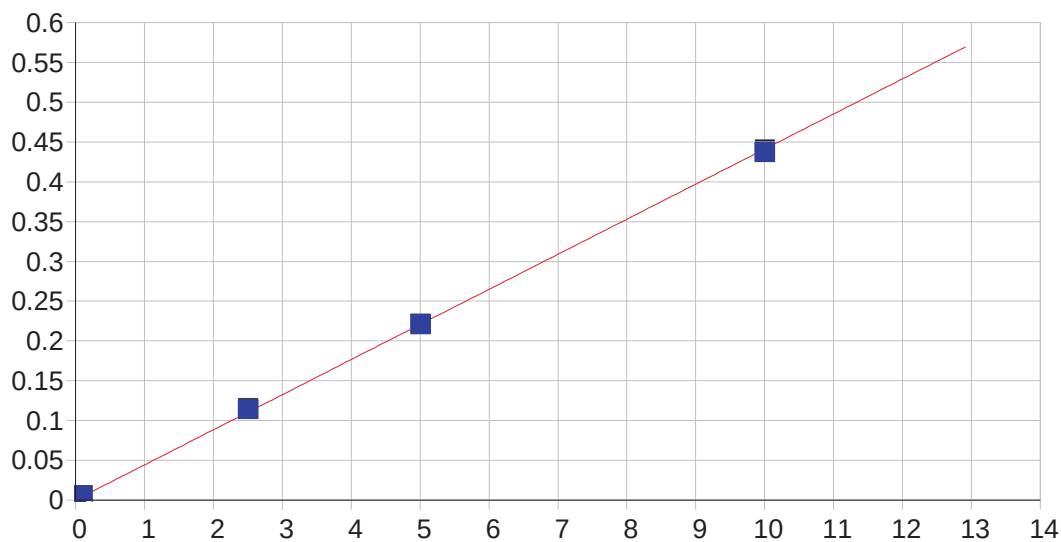


Mo 202.030 {467}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000265 Re-Slope: 1.000000
 A1 (Gain): 1.291741 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999668 Status: OK.
 Std Error of Est: 0.002556
 Predicted MDL: 0.000259
 Predicted MQL: 0.000863

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00024	.000	1
S1	.20000	.21145	.011	5.73	.27341	.000	1
S3	2.5000	2.6510	.151	6.04	3.4246	.097	1
S4	5.0000	4.9736	-.026	-.529	6.4248	.002	1
S5	10.000	9.8640	-.136	-1.36	12.742	.040	1

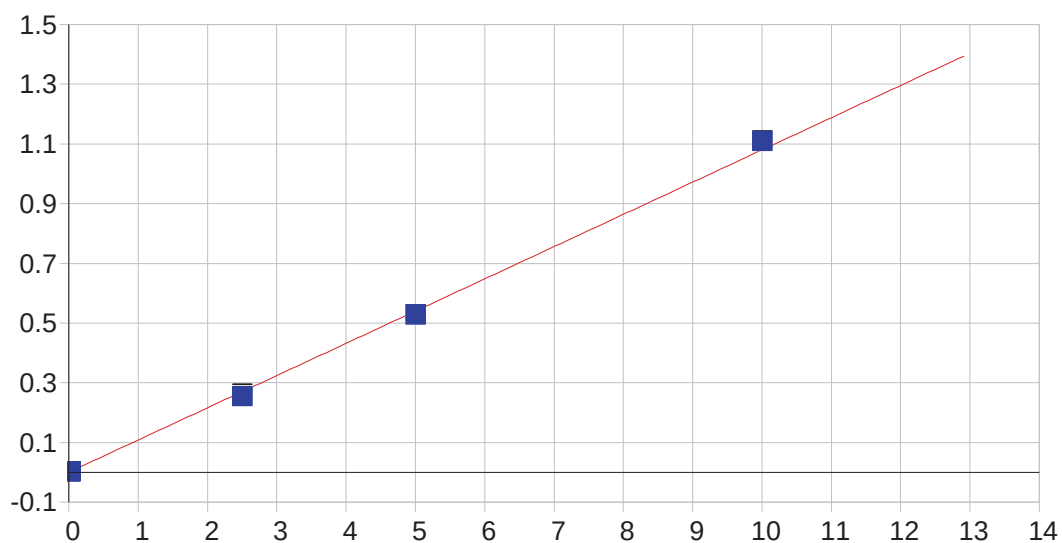


B 249.678 {135}

Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000235 Re-Slope: 1.000000
 A1 (Gain): 0.044085 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.008856
 Predicted MQL: 0.029518

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00023	.000	1
S1	.10000	.10331	.003	3.31	.00477	.000	1
S3	2.5000	2.5829	.083	3.31	.11395	.001	1
S4	5.0000	4.9957	-.004	-.086	.22017	.000	1
S5	10.000	9.9181	-.082	-.819	.43688	.002	1

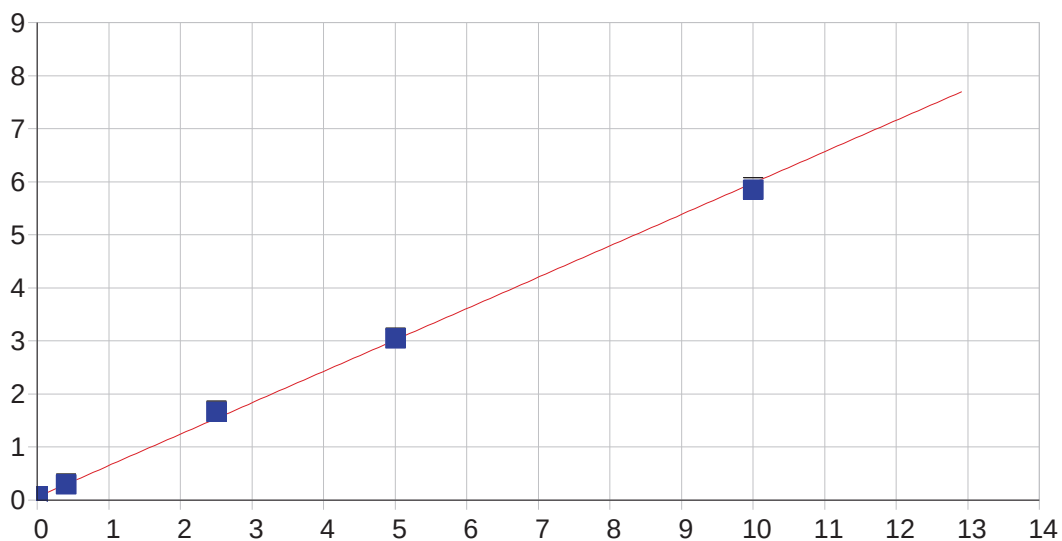


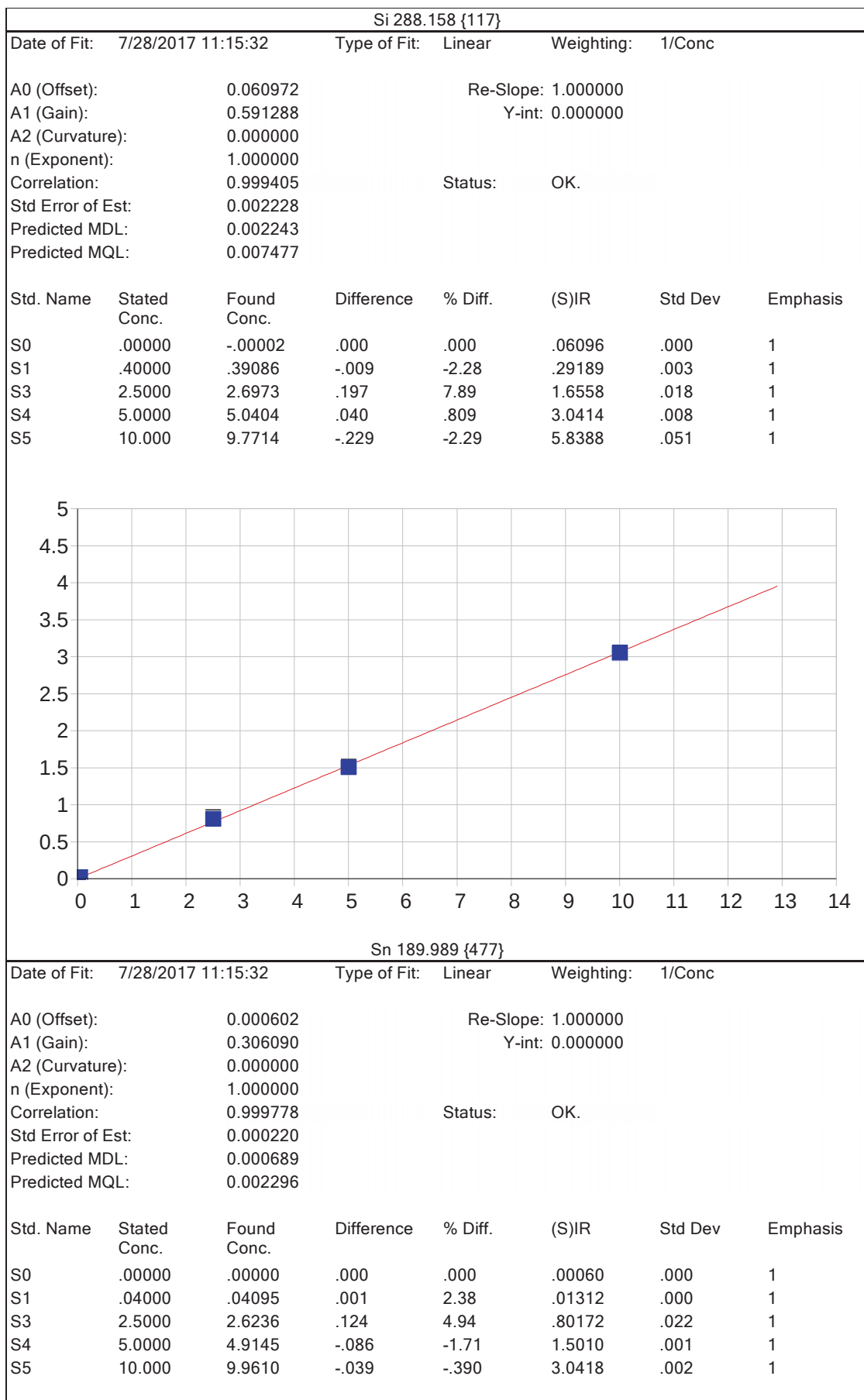
S 182.034 {485}

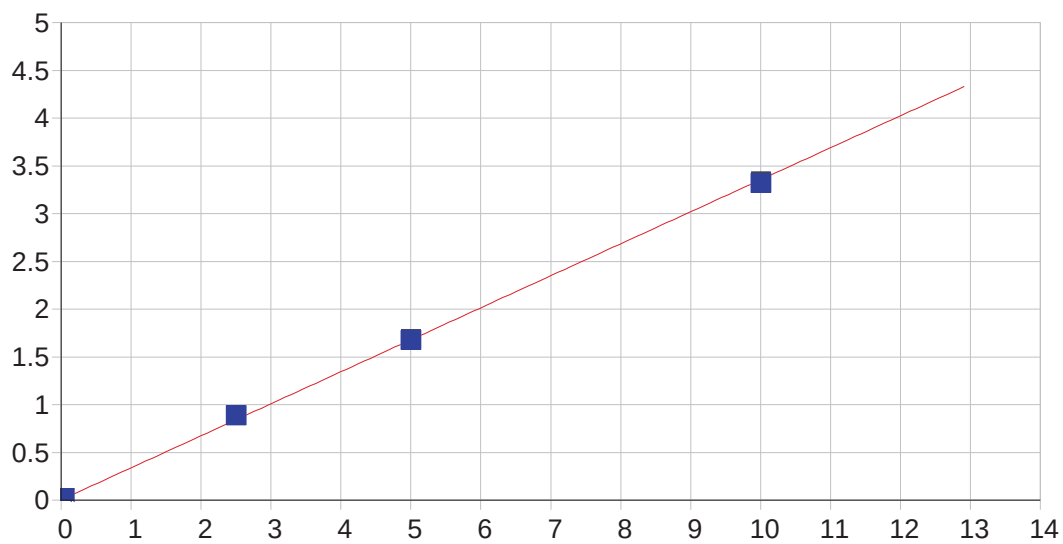
Date of Fit: 7/28/2017 11:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000054 Re-Slope: 1.000000
 A1 (Gain): 0.107992 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999450 Status: OK.
 Std Error of Est: 0.000086
 Predicted MDL: 0.001993
 Predicted MQL: 0.006642

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.02000	.01779	-.002	-11.1	.00192	.000	1
S3	2.5000	2.3502	-.150	-5.99	.25333	.007	1
S4	5.0000	4.8826	-.117	-2.35	.52627	.000	1
S5	10.000	10.269	.269	2.69	1.1069	.000	1







Ti 336.121 {100}

Date of Fit: 7/28/2017 11:15:32

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004103

Re-Slope: 1.000000

A1 (Gain): 0.335013

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999777

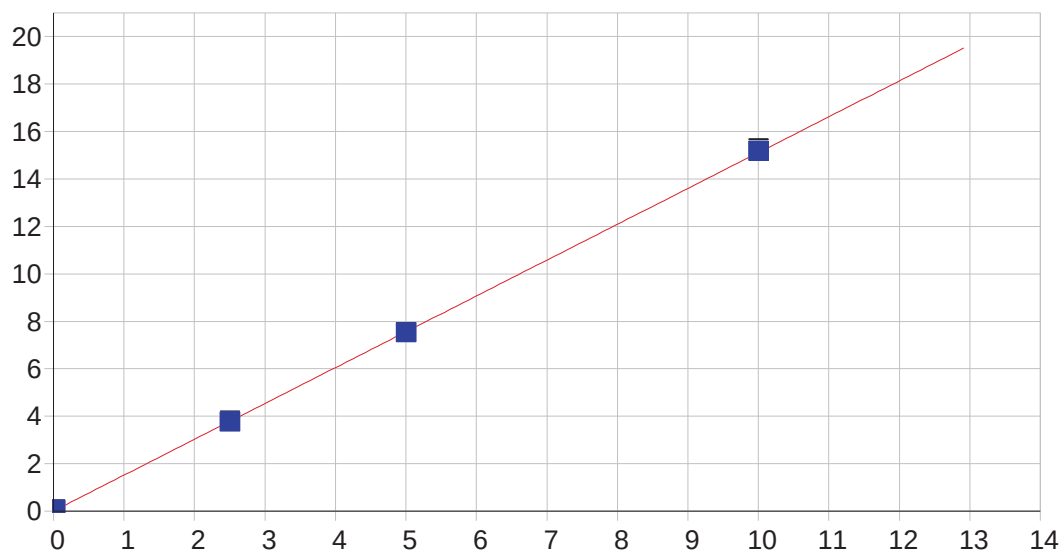
Status: OK.

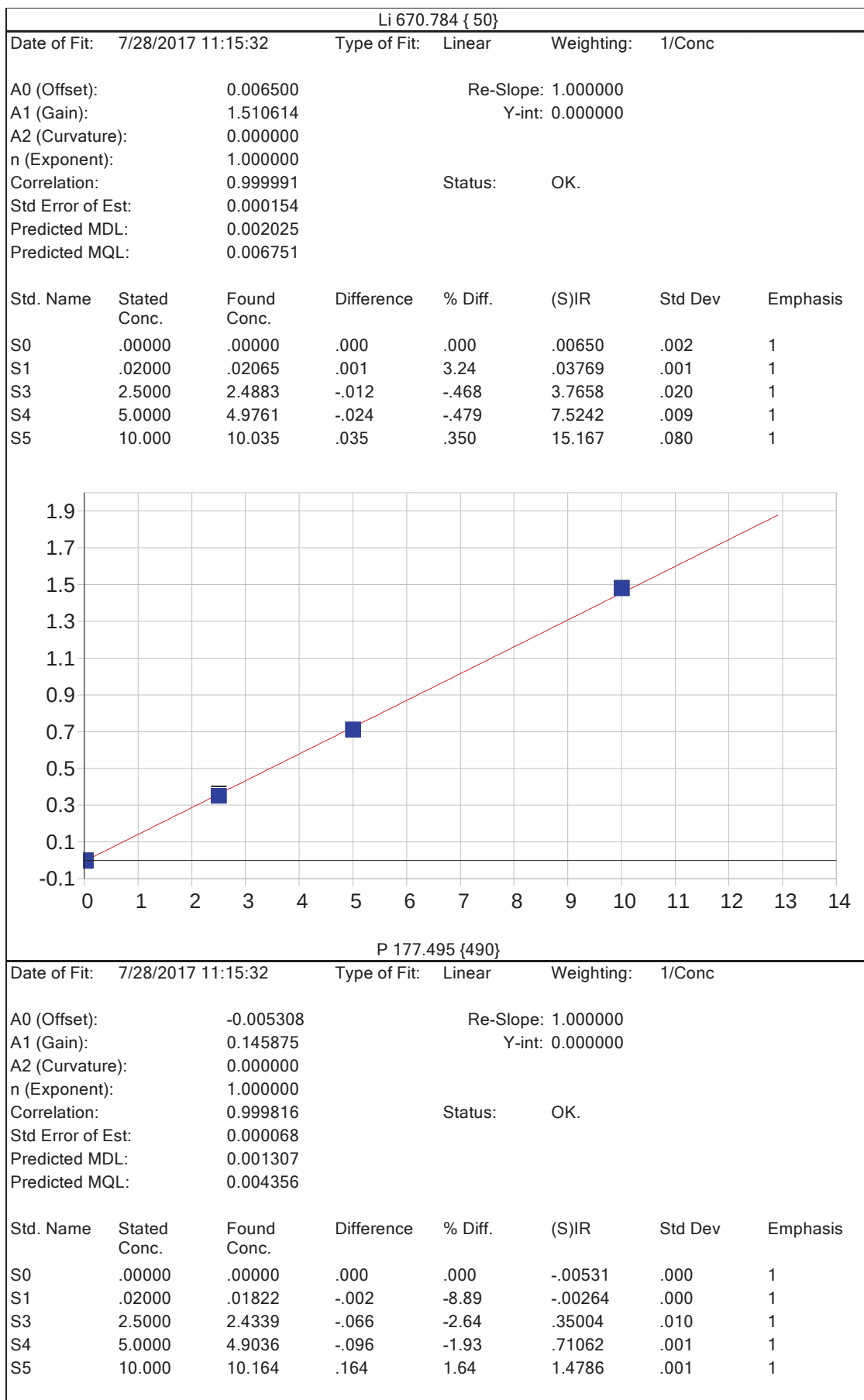
Std Error of Est: 0.000242

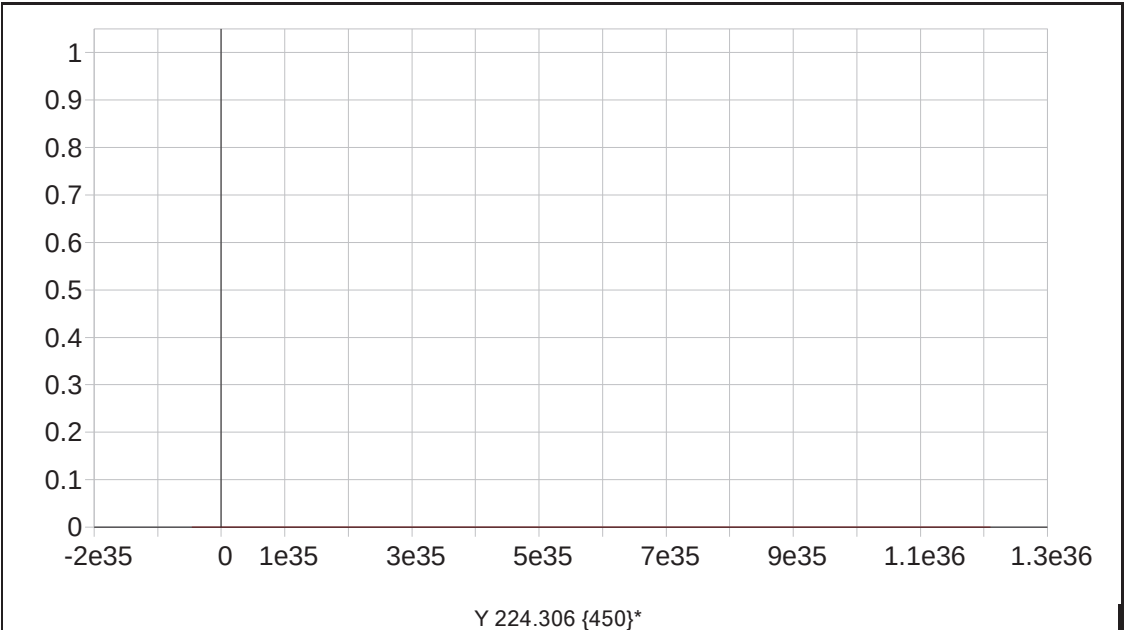
Predicted MDL: 0.002152

Predicted MQL: 0.007173

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00410	.000	1
S1	.04000	.03869	-.001	-3.29	.01705	.000	1
S3	2.5000	2.6269	.127	5.08	.88378	.002	1
S4	5.0000	4.9890	-.011	-.221	1.6747	.000	1
S5	10.000	9.8854	-.115	-1.15	3.3143	.011	1



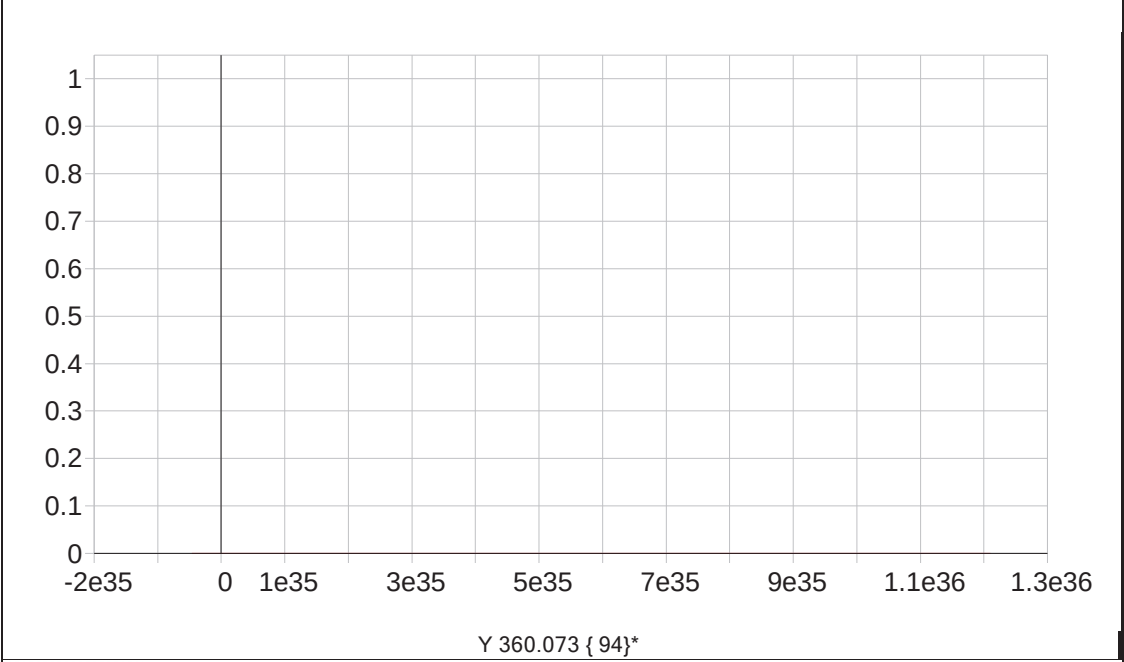




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

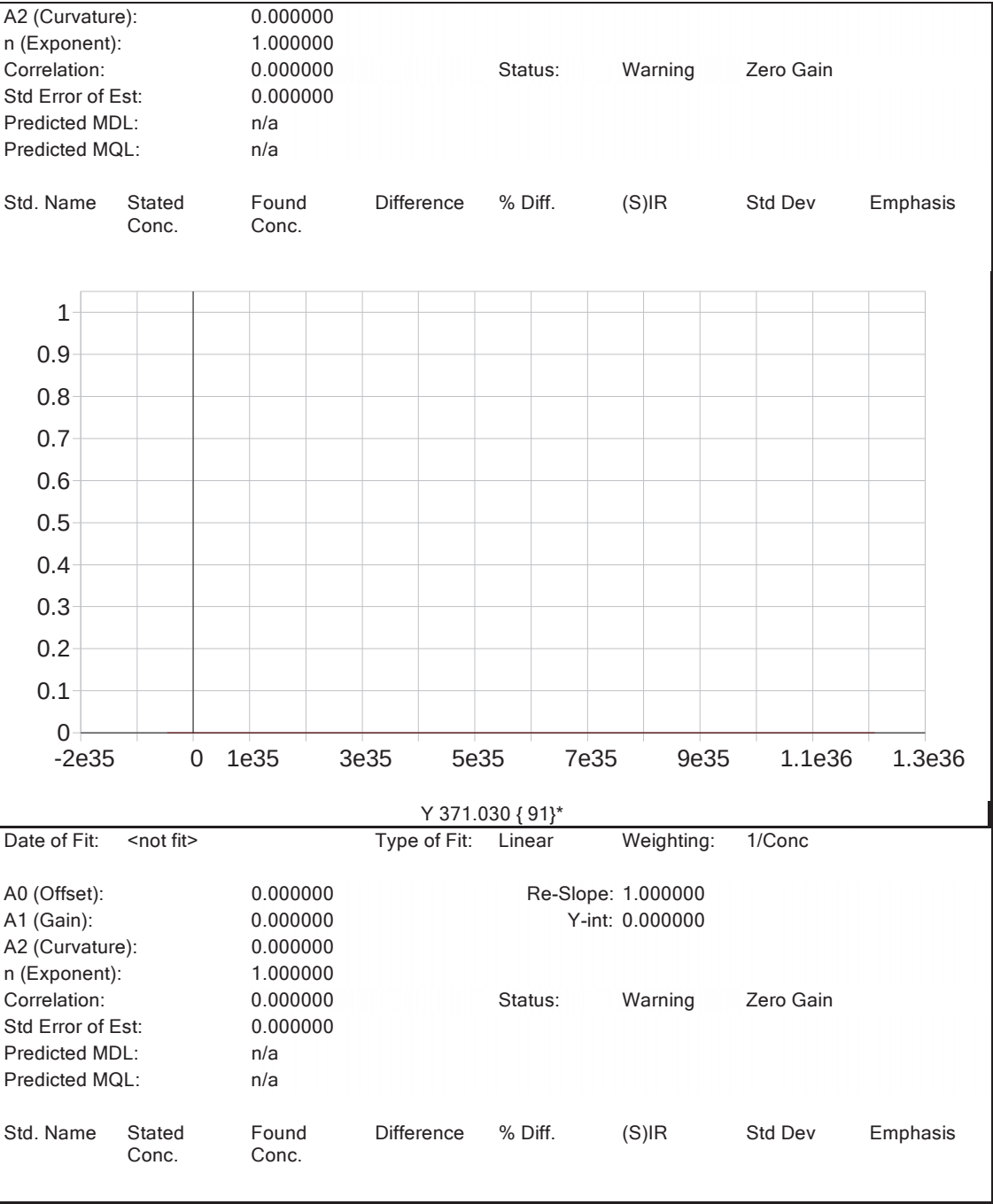
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

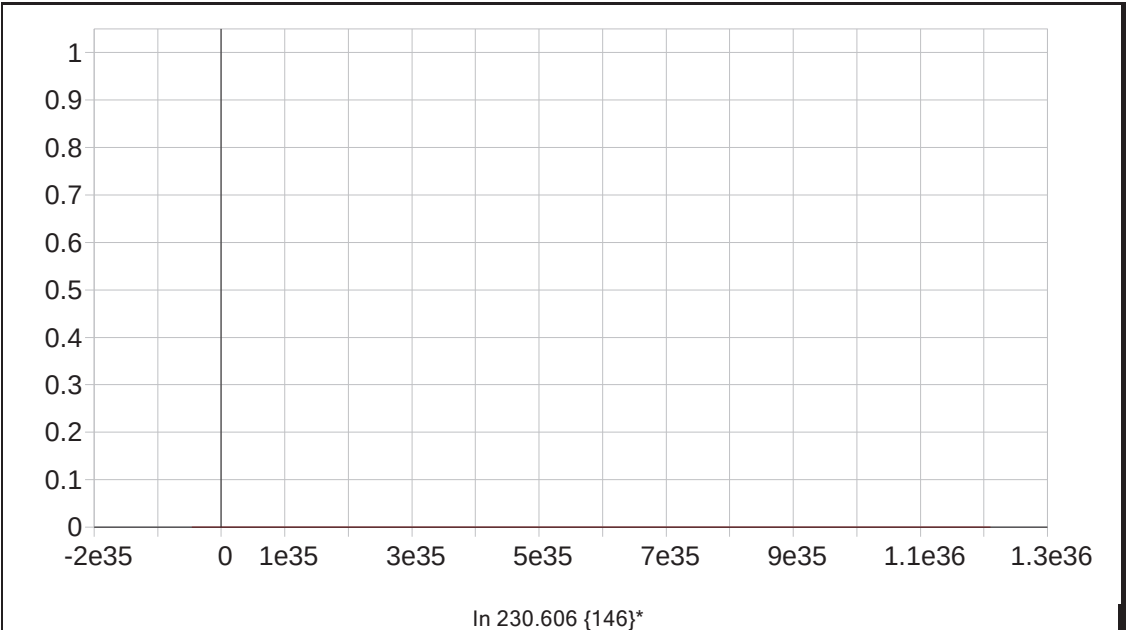
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000

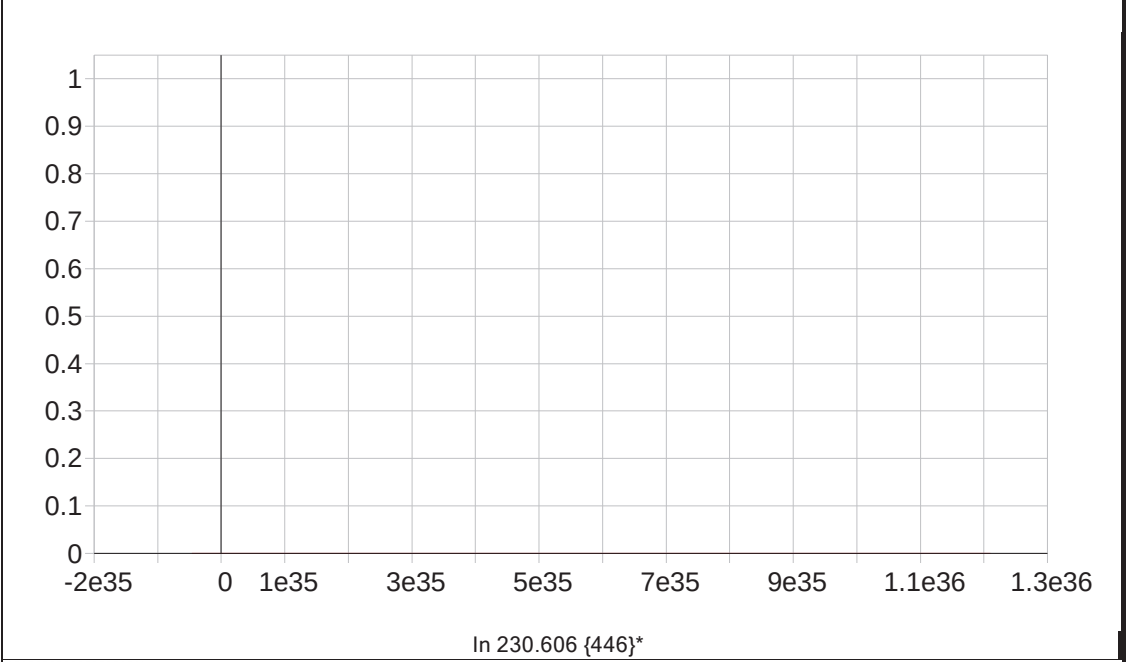




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

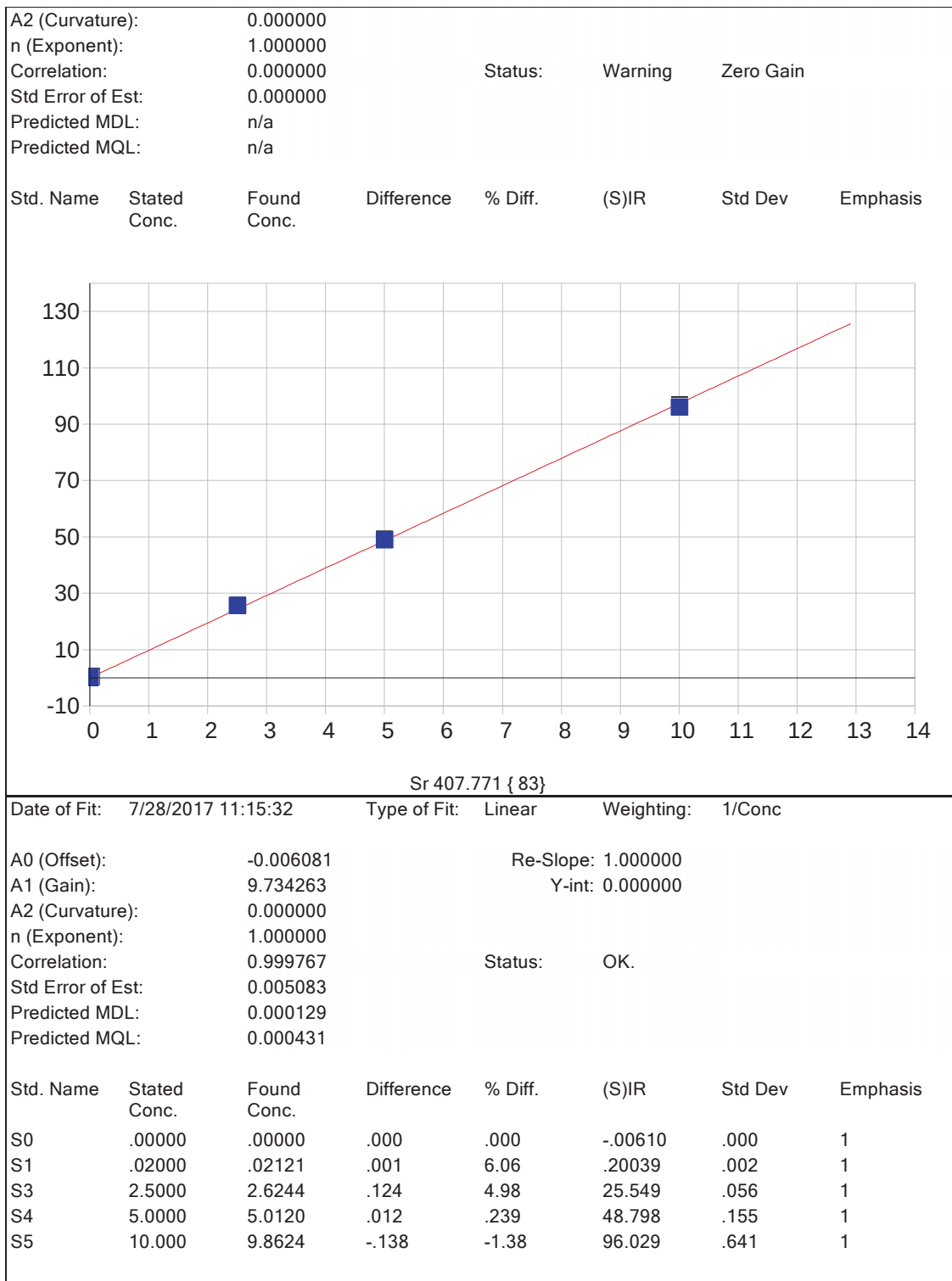
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000



Sample Name: S0 Acquired: 7/28/2017 10:53:15 Type: Cal
Method: P4-ICP2(v2115) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00072	-.00114	.00069	.00034	.00046	-.00001	.04942	.00007
Stddev	.00004	.00003	.00020	.00008	.00022	.00002	.00227	.00001
%RSD	5.5361	2.7343	29.359	24.967	48.699	228.96	4.5852	16.653

#1	-.00075	-.00112	.00084	.00028	.00061	.00001	.05102	.00006
#2	-.00069	-.00116	.00055	.00040	.00030	-.00002	.04782	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00038	.00172	.00010	.00154	.00054	.03460	.00051	-.00061
Stddev	.00023	.00024	.00001	.00005	.00022	.01192	.00003	.00012
%RSD	59.946	14.244	11.468	3.5280	40.004	34.453	6.1226	20.454

#1	-.00054	.00155	.00009	.00158	.00039	.04303	.00053	-.00052
#2	-.00022	.00189	.00011	.00151	.00069	.02617	.00049	-.00070

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00007	-.00012	.01502	-.00023	.23925	-.01875	.00024	.00023
Stddev	.00001	.00007	.00106	.00004	.01291	.00321	.00018	.00021
%RSD	8.3458	64.012	7.0231	18.928	5.3948	17.106	74.527	88.315

#1	-.00007	-.00017	.01577	-.00026	.24838	-.01648	.00011	.00009
#2	-.00006	-.00006	.01428	-.00020	.23013	-.02102	.00037	.00038

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00005	.06096	.00060	.00410	.00650	-.0053	-.00610	
Stddev	.00006	.00030	.00000	.00009	.00169	.0000	.00012	
%RSD	102.52	.48999	.43061	2.2813	26.011	.8647	1.9044	

#1	.00009	.06117	.00060	.00404	.00769	-.0053	-.00618	
#2	.00001	.06075	.00060	.00417	.00530	-.0053	-.00602	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3518.7	62458.	4641.3	96.261	3841.3			
Stddev	18.0	176.	.4	.929	20.7			
%RSD	.51272	.28139	.00863	.96552	.53851			

#1	3531.5	62583.	4641.0	95.604	3856.0			
#2	3506.0	62334.	4641.6	96.918	3826.7			

Sample Name: S1 Acquired: 7/28/2017 10:57:24 Type: Cal
Method: P4-ICP2(v2115) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00216	.00403	.00437	.00292	.01003	.00077	.65503	.00631
Stddev	.00000	.00002	.00022	.00000	.00047	.00002	.00387	.00009
%RSD	.22421	.53821	4.9964	.14439	4.7264	2.8411	.59102	1.3682

#1	.00215	.00405	.00453	.00292	.01036	.00078	.65776	.00637
#2	.00216	.00402	.00422	.00292	.00969	.00075	.65229	.00625

Elem	Cd2265	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02396	.00147	.04799	.01507	.22941	.02182	.03007	.00247
Stddev	.00013	.00011	.00026	.00012	.01530	.00025	.00021	.00002
%RSD	.55740	7.2781	.54233	.79211	6.6687	1.1388	.70334	.95069

#1	.02405	.00154	.04818	.01515	.24023	.02200	.03021	.00249
#2	.02386	.00139	.04781	.01498	.21859	.02165	.02992	.00246

Elem	V_2924	Zn2138	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00872	6.3714	.27341	.00477	.00192	.29189	.01312	.01705
Stddev	.00003	.1345	.00033	.00043	.00003	.00341	.00008	.00003
%RSD	.37913	2.1115	.12247	8.9207	1.4905	1.1676	.60013	.16486

#1	.00874	6.4665	.27317	.00507	.00190	.29430	.01306	.01707
#2	.00869	6.2762	.27364	.00447	.00194	.28948	.01317	.01703

Elem	Li6707	P_1774	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.03769	-.0026	.20039
Stddev	.00057	.0000	.00170
%RSD	1.5212	.9582	.84685

#1	.03810	-.0027	.20159
#2	.03729	-.0026	.19919

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3496.3	62433.	4566.8	94.658	3871.4
Stddev	16.3	569.	40.7	2.319	18.6
%RSD	.46627	.91079	.89133	2.4504	.48060

#1	3484.8	62031.	4538.1	93.018	3858.2
#2	3507.9	62835.	4595.6	96.298	3884.5

Sample Name: S2 Acquired: 7/28/2017 11:01:35 Type: Cal
Method: P4-ICP2(v2115) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.12867	.03359	.44880	.21738
Stddev	.00016	.00098	.00049	.00165
%RSD	.12793	2.9128	.10898	.75783

#1	.12856	.03428	.44915	.21621
#2	.12879	.03289	.44846	.21854

Int. Std.	Y_3710
Units	Cts/S
Avg	4629.3
Stddev	16.3
%RSD	.35210

#1	4617.8
#2	4640.9

Sample Name: S3 Acquired: 7/28/2017 11:05:42 Type: Cal
Method: P4-ICP2(v2115) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.35113	.35429	.87106	.30644	.50738	.03481	31.803	.13333
Stddev	.01106	.01000	.02409	.00822	.01460	.00007	.115	.00005
%RSD	3.1510	2.8215	2.7654	2.6838	2.8773	.19037	.36056	.03643

#1	.35895	.36136	.88809	.31226	.51770	.03486	31.721	.13336
#2	.34331	.34722	.85402	.30063	.49706	.03476	31.884	.13329

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.1588	.84778	.07078	2.0435	.45396	5.1915	1.3608	.22837
Stddev	.1504	.00221	.00009	.0582	.01295	.1048	.0001	.00024
%RSD	2.9149	.26044	.13264	2.8477	2.8523	2.0178	.00900	.10512

#1	5.2651	.84934	.07071	2.0847	.46312	5.2655	1.3609	.22820
#2	5.0524	.84622	.07084	2.0024	.44480	5.1174	1.3608	.22854

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.97469	.16635	2.9878	.30017	198.05	1.5785	3.4246	.11395
Stddev	.03027	.00009	.0118	.00007	2.66	.0002	.0970	.00074
%RSD	3.1054	.05546	.39394	.02427	1.3453	.01407	2.8321	.64750

#1	.99610	.16629	2.9795	.30022	199.93	1.5784	3.4932	.11343
#2	.95329	.16642	2.9961	.30012	196.16	1.5787	3.3560	.11447

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.25333	1.6558	.80172	.88378	3.7658	.3500	25.549	
Stddev	.00729	.0175	.02233	.00237	.0201	.0105	.056	
%RSD	2.8790	1.0585	2.7853	.26808	.53486	2.992	.21765	

#1	.25848	1.6434	.81751	.88210	3.7515	.3575	25.509	
#2	.24817	1.6682	.78593	.88545	3.7800	.3426	25.588	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3413.4	61947.	4581.1	92.482	3726.7			
Stddev	88.1	234.	28.6	.992	97.5			
%RSD	2.5816	.37810	.62327	1.0728	2.6169			

#1	3351.1	61782.	4601.3	91.780	3657.8			
#2	3475.7	62113.	4560.9	93.183	3795.7			

Sample Name: S4 Acquired: 7/28/2017 11:09:40 Type: Cal
Method: P4-ICP2(v2115) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.67136	.68089	1.6498	.59234	.96219	.06637	60.789	.25542
Stddev	.00102	.00003	.0026	.00057	.00134	.00011	.519	.00125
%RSD	.15208	.00457	.15546	.09594	.13921	.15998	.85302	.49016

#1	.67208	.68091	1.6516	.59274	.96314	.06644	61.156	.25631
#2	.67063	.68086	1.6480	.59194	.96124	.06629	60.422	.25454

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.7723	1.6004	.13360	3.8517	.84866	9.7489	2.5809	.43666
Stddev	.0044	.0014	.00074	.0001	.00222	.0393	.0061	.00037
%RSD	.04540	.08632	.55404	.00310	.26197	.40297	.23578	.08509

#1	9.7754	1.6014	.13412	3.8518	.85024	9.7211	2.5852	.43692
#2	9.7691	1.5995	.13308	3.8516	.84709	9.7767	2.5765	.43639

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.8277	.32037	5.7002	.57300	376.34	3.0399	6.4248	.22017
Stddev	.0018	.00056	.0082	.00137	1.26	.0040	.0017	.00035
%RSD	.09609	.17569	.14439	.23911	.33579	.13157	.02619	.15800

#1	1.8290	.32077	5.6944	.57397	375.45	3.0427	6.4260	.21993
#2	1.8265	.31997	5.7060	.57203	377.24	3.0371	6.4236	.22042

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.52627	3.0414	1.5010	1.6747	7.5242	.7106	48.798	
Stddev	.00041	.0078	.0012	.0005	.0095	.0014	.155	
%RSD	.07789	.25536	.08244	.02896	.12609	.1949	.31746	

#1	.52656	3.0468	1.5019	1.6750	7.5175	.7116	48.907	
#2	.52598	3.0359	1.5001	1.6744	7.5309	.7096	48.688	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3438.7	62236.	4570.9	92.498	3724.2			
Stddev	9.2	294.	22.0	.211	6.8			
%RSD	.26841	.47313	.48074	.22759	.18274			

#1	3432.1	62028.	4555.3	92.647	3719.3			
#2	3445.2	62444.	4586.4	92.349	3729.0			

Sample Name: S5 Acquired: 7/28/2017 11:13:49 Type: Cal
Method: P4-ICP2(v2115) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3294	1.3973	3.3518	1.1669	1.9189	.13209	119.23	.50293
Stddev	.0001	.0010	.0024	.0019	.0046	.00039	1.14	.00102
%RSD	.00516	.06864	.07129	.16228	.23835	.29181	.95975	.20343

#1	1.3294	1.3967	3.3501	1.1682	1.9221	.13182	118.42	.50365
#2	1.3295	1.3980	3.3535	1.1656	1.9157	.13236	120.04	.50221

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	19.690	3.1599	.26136	7.8362	1.6666	19.723	4.9592	.85957
Stddev	.003	.0192	.00013	.0049	.0072	.185	.0346	.00686
%RSD	.01703	.60887	.05044	.06299	.43266	.93782	.69813	.79775

#1	19.692	3.1463	.26145	7.8327	1.6716	19.592	4.9347	.85472
#2	19.688	3.1735	.26126	7.8397	1.6615	19.854	4.9837	.86442

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.6860	.64606	11.328	1.1328	753.91	6.0986	12.742	.43688
Stddev	.0004	.00047	.054	.0001	6.08	.0330	.040	.00192
%RSD	.00990	.07314	.47399	.00566	.80584	.54139	.31193	.44024

#1	3.6857	.64639	11.291	1.1328	749.62	6.0753	12.770	.43552
#2	3.6863	.64572	11.366	1.1327	758.21	6.1220	12.714	.43824

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.1069	5.8388	3.0418	3.3143	15.167	1.479	96.029	
Stddev	.0001	.0506	.0018	.0108	.080	.001	.641	
%RSD	.01010	.86608	.05766	.32638	.52523	.0703	.66748	

#1	1.1068	5.8030	3.0406	3.3067	15.111	1.479	95.576	
#2	1.1070	5.8745	3.0431	3.3220	15.224	1.478	96.483	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3387.2	62460.	4558.0	89.146	3569.5			
Stddev	13.1	107.	22.4	.571	4.7			
%RSD	.38812	.17120	.49250	.64100	.13115			

#1	3377.9	62385.	4573.9	89.550	3566.2			
#2	3396.5	62536.	4542.1	88.742	3572.8			

Sample Name: ICV01 Acquired: 7/28/2017 11:18:05 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99283	.97656	.96822	.97907	.95433	2.4678	.48768	.47768
Stddev	.00877	.00684	.00913	.00456	.01524	.0188	.00018	.00122
%RSD	.88358	.70027	.94308	.46608	1.5969	.76328	.03601	.25534

#1	.98663	.97172	.96176	.97584	.94356	2.4812	.48755	.47682
#2	.99903	.98139	.97467	.98230	.96511	2.4545	.48780	.47854

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48605	9.7703	.49032	.49026	.51228	4.5806	.49930	5.8268
Stddev	.00468	.0647	.00214	.00533	.00476	.0484	.00064	.0044
%RSD	.96310	.66178	.43629	1.0879	.92891	1.0575	.12815	.07515

#1	.48274	9.7246	.48881	.48649	.50891	4.5464	.49885	5.8237
#2	.48936	9.8160	.49183	.49403	.51564	4.6149	.49976	5.8299

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49489	.48296	9.6063	.48569	.97525	9.5763	2.4959	2.4581
Stddev	.00608	.00095	.0257	.00083	.00878	.0412	.0283	.0085
%RSD	1.2286	.19657	.26754	.17116	.90028	.43018	1.1355	.34523

#1	.49059	.48229	9.5881	.48510	.96904	9.5472	2.4759	2.4521
#2	.49919	.48363	9.6245	.48628	.98145	9.6054	2.5160	2.4641

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	F .00843	2.3602	2.4291	2.4167	F .00040	F -.0006	F .01001	
Stddev	.00103	.0031	.0285	.0048	.00043	.0006	.00007	
%RSD	12.242	.13038	1.1736	.19872	108.77	103.3	.73639	

#1	.00916	2.3580	2.4090	2.4133	.00070	-.0002	.00996	
#2	.00770	2.3624	2.4493	2.4201	.00009	-.0010	.01006	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3455.0	61517.	4533.0	95.206	3840.0			
Stddev	.4	283.	14.5	.053	6.2			
%RSD	.01065	.46053	.31947	.05540	.16119			

#1	3455.3	61317.	4522.8	95.168	3844.3			
#2	3454.8	61718.	4543.2	95.243	3835.6			

Sample Name: LLICV01 Acquired: 7/28/2017 11:22:05 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02205	.04029	.01185	.02190	.05238	.12049	.10788	.00650	.00663
Stddev	.00120	.00023	.00057	.00103	.00015	.01028	.00047	.00004	.00001
%RSD	5.4567	.57396	4.8060	4.7025	.28314	8.5291	.43139	.63670	.08575

#1	.02290	.04045	.01145	.02117	.05249	.11322	.10821	.00647	.00663
#2	.02120	.04013	.01225	.02263	.05228	.12775	.10755	.00653	.00663

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1754	.01097	.03196	.02289	.11476	.02302	2.2254	.04348	.01107
Stddev	.0200	.00005	.00025	.00022	.00901	.00011	.0367	.00037	.00009
%RSD	.91926	.46153	.77801	.96127	7.8520	.47708	1.6488	.85156	.79152

#1	2.1896	.01100	.03214	.02305	.12114	.02295	2.2514	.04374	.01113
#2	2.1613	.01093	.03179	.02274	.10839	.02310	2.1995	.04322	.01100

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1247	.04231	.04286	2.1185	.22752	.12214	.02062	.41202	.04916
Stddev	.0193	.00024	.00087	.0272	.00007	.00341	.00180	.00235	.00014
%RSD	.91082	.55744	2.0330	1.2829	.03163	2.7905	8.7152	.57050	.28382

#1	2.1383	.04247	.04347	2.1377	.22757	.12455	.01935	.41036	.04926
#2	2.1110	.04214	.04224	2.0993	.22747	.11973	.02189	.41368	.04906

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.04479	.01993	.0244	.02280
Stddev	.00043	.00027	.0005	.00005
%RSD	.95506	1.3787	1.910	.19937

#1	.04509	.02013	.0241	.02283
#2	.04449	.01974	.0248	.02277

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3551.1	62968.	4630.5	96.065	3944.7
Stddev	4.9	79.	14.4	1.915	4.1
%RSD	.13734	.12525	.31012	1.9935	.10301

#1	3554.6	62912.	4620.4	94.711	3941.9
#2	3547.7	63024.	4640.7	97.419	3947.6

Sample Name: ICB01 Acquired: 7/28/2017 11:26:09 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	.00040	-.00076	.00282	.00065	.01047	.00017	-.00002
Stddev	.00074	.00124	.00045	.00046	.00024	.00363	.00025	.00003
%RSD	81.506	309.20	59.210	16.497	36.470	34.702	148.89	121.98

#1	-.00142	.00128	-.00108	.00249	.00048	.01303	.00034	-.00004
#2	-.00038	-.00048	-.00044	.00315	.00082	.00790	-.00001	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00324	-.00011	.00009	.00004	-.00491	-.00008	-.00006
Stddev	.00003	.02086	.00006	.00010	.00036	.00020	.00002	.02869
%RSD	53.272	643.59	50.684	111.11	1005.8	4.0738	25.484	48574.

#1	-.00003	.01151	-.00007	.00002	.00029	-.00477	-.00009	.02022
#2	-.00007	-.01800	-.00015	.00016	-.00022	-.00505	-.00007	-.02034

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	.00016	-.01815	-.00044	-.00072	-.00746	.00121	.00232
Stddev	.00006	.00013	.00721	.00032	.00007	.02324	.00027	.00358
%RSD	12.142	82.394	39.720	73.100	9.2961	311.60	22.107	154.23

#1	.00045	.00026	-.02325	-.00066	-.00068	-.02389	.00139	.00485
#2	.00054	.00007	-.01305	-.00021	-.00077	.00898	.00102	-.00021

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00100	-.00289	.00141	.00064	.00003	.0003	.00006	
Stddev	.00115	.00219	.00015	.00099	.00042	.0007	.00002	
%RSD	115.06	75.915	10.532	154.32	1215.4	277.5	27.511	

#1	-.00019	-.00134	.00130	-.00006	.00034	.0008	.00007	
#2	-.00182	-.00444	.00151	.00134	-.00027	-.0003	.00005	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3509.3	61829.	4566.7	94.462	3851.3			
Stddev	12.9	317.	19.0	1.499	5.1			
%RSD	.36757	.51257	.41536	1.5867	.13161			

#1	3500.2	61605.	4553.3	93.402	3847.7			
#2	3518.4	62053.	4580.1	95.522	3854.8			

Sample Name: CRI01 Acquired: 7/28/2017 11:30:24 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02004	.03837	.01198	.02356	.05084	.11127	.10595	.00633	.00641
Stddev	.00003	.00049	.00011	.00056	.00091	.00022	.00012	.00009	.00002
%RSD	.15843	1.2827	.87704	2.3892	1.7885	.20089	.11496	1.4675	.35588

#1	.02006	.03802	.01206	.02317	.05020	.11112	.10586	.00640	.00640
#2	.02002	.03871	.01191	.02396	.05148	.11143	.10604	.00627	.00643

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1131	.01062	.03112	.02204	.10961	.02239	2.1754	.04288	.01052
Stddev	.0095	.00005	.00029	.00043	.00401	.00003	.0419	.00001	.00012
%RSD	.44820	.50499	.92161	1.9670	3.6611	.14296	1.9271	.02785	1.1541

#1	2.1198	.01058	.03132	.02174	.11245	.02241	2.1458	.04289	.01061
#2	2.1064	.01066	.03092	.02235	.10677	.02237	2.2051	.04287	.01043

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0860	.04220	.04168	2.0930	.21966	.11486	.01958	.40654	.04498
Stddev	.0207	.00076	.00028	.0107	.00020	.00300	.00075	.00032	.00083
%RSD	.99276	1.8048	.66709	.51061	.09240	2.6114	3.8175	.07799	1.8526

#1	2.0714	.04274	.04148	2.0854	.21980	.11698	.01905	.40632	.04439
#2	2.1007	.04166	.04187	2.1006	.21951	.11274	.02011	.40677	.04557

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.04388	.02064	.0236	.02219
Stddev	.00106	.00066	.0000	.00004
%RSD	2.4090	3.1771	.0708	.17110

#1	.04313	.02110	.0236	.02222
#2	.04462	.02018	.0236	.02217

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3527.0	62197.	4578.2	96.422	3916.8
Stddev	6.0	297.	.6	.460	6.1
%RSD	.17006	.47698	.01248	.47723	.15472

#1	3522.7	61987.	4577.8	96.748	3912.6
#2	3531.2	62407.	4578.7	96.097	3921.1

Sample Name: ICSA01 Acquired: 7/28/2017 11:34:37 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00170	.00204	-.00302	.00177	-.00135	257.03	.00575
Stddev	.00124	.00038	.00017	.00027	.00044	.81	.00069
%RSD	73.185	18.474	5.5243	15.004	32.333	.31358	11.981

#1	.00258	.00177	-.00313	.00158	-.00166	256.46	.00624
#2	.00082	.00230	-.00290	.00196	-.00104	257.60	.00526

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.00009	240.70	.04421	-.00049	.01654	94.023
Stddev	.00003	.00029	.22	.00010	.00014	.00040	.750
%RSD	12.920	303.22	.09239	.21827	28.276	2.4201	.79775

#1	-.00020	-.00011	240.54	.04414	-.00059	.01682	94.553
#2	-.00024	.00030	240.86	.04427	-.00039	.01625	93.492

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01101	250.58	.00260	.00355	.02144	.00138	.00121
Stddev	.00002	1.30	.00058	.00036	.00011	.00020	.00007
%RSD	.22230	.51999	22.254	10.086	.50453	14.524	6.0074

#1	.01102	249.66	.00301	.00380	.02151	.00124	.00126
#2	.01099	251.50	.00219	.00330	.02136	.00152	.00116

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01347	.00016	-.04301	F -.01729	-.00894	.00025	-.00245
Stddev	.00037	.00001	.00327	.00133	.00059	.00073	.00139
%RSD	2.7632	3.4549	7.5993	7.6904	6.6036	299.68	56.791

#1	-.01321	.00016	-.04532	-.01635	-.00852	-.00027	-.00147
#2	-.01373	.00017	-.04070	-.01823	-.00935	.00076	-.00343

Elem	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm
Avg	.00697	.0055	F .07806
Stddev	.00153	.0016	.00021
%RSD	21.990	28.57	.26747

#1	.00805	.0066	.07821
#2	.00589	.0044	.07792

Sample Name: ICSA01 Acquired: 7/28/2017 11:34:37 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3257.2	59866.	4460.3	88.751	3500.6
Stddev	9.8	36.	8.2	1.085	9.7
%RSD	.30060	.05964	.18470	1.2225	.27700
#1	3250.3	59892.	4454.4	87.984	3493.8
#2	3264.1	59841.	4466.1	89.519	3507.5

Sample Name: ICSAB01 Acquired: 7/28/2017 11:38:51 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10681	.09816	.04874	.04840	.60753	260.09	.51667	.51651
Stddev	.00055	.00075	.00008	.00376	.00012	.16	.00386	.00097
%RSD	.51686	.76337	.15955	7.7711	.01910	.05986	.74681	.18821

#1	.10642	.09763	.04879	.04575	.60761	259.98	.51394	.51720
#2	.10721	.09869	.04868	.05106	.60745	260.20	.51940	.51583

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96345	241.73	.53746	.48129	.49651	95.735	.52179	251.50
Stddev	.00081	.87	.00186	.00028	.00158	1.061	.00000	.88
%RSD	.08380	.36194	.34564	.05796	.31848	1.1079	.00050	.35006

#1	.96402	241.11	.53877	.48149	.49763	94.985	.52178	250.88
#2	.96288	242.35	.53615	.48109	.49539	96.485	.52179	252.12

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94614	.21671	.04011	.49896	1.0062	.02503	1.0421	.99851
Stddev	.00094	.00027	.00399	.00192	.0159	.02187	.0016	.00212
%RSD	.09965	.12650	9.9380	.38446	1.5791	87.364	.15323	.21259

#1	.94680	.21690	.03729	.50031	.99494	.00957	1.0432	1.0000
#2	.94547	.21651	.04293	.49760	1.0174	.04049	1.0409	.99701

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	F .08556	1.0165	1.0376	1.0406	F .00555	F .0101	F .07936	
Stddev	.00061	.0043	.0015	.0067	.00395	.0002	.00022	
%RSD	.71259	.42794	.14830	.64758	71.258	1.602	.27359	

#1	.08599	1.0135	1.0387	1.0358	.00275	.0100	.07952	
#2	.08513	1.0196	1.0365	1.0453	.00834	.0102	.07921	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3254.4	59615.	4452.4	87.605	3457.3			
Stddev	9.2	1.	24.3	1.291	8.4			
%RSD	.28398	.00095	.54540	1.4739	.24395			

#1	3247.9	59615.	4469.6	88.518	3451.4			
#2	3260.9	59616.	4435.2	86.692	3463.3			

Sample Name: CCV01 Acquired: 7/28/2017 11:42:56 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9537	4.8772	4.8680	4.9856	4.9511	10.139	10.012	.25096	2.4554
Stddev	.0130	.0078	.0032	.0187	.0117	.106	.034	.00105	.0020
%RSD	.26223	.16020	.06472	.37592	.23559	1.0426	.34242	.41938	.08097

#1	4.9445	4.8716	4.8658	4.9724	4.9429	10.214	10.036	.25171	2.4540
#2	4.9629	4.8827	4.8703	4.9989	4.9594	10.065	9.9878	.25022	2.4568

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.135	.99870	2.4334	1.2379	4.7975	2.5385	24.941	2.4518	1.2338
Stddev	.014	.00343	.0005	.0034	.0154	.0064	.060	.0030	.0022
%RSD	.05756	.34352	.02080	.27115	.32179	.25190	.24102	.12157	.18000

#1	25.125	1.0011	2.4338	1.2355	4.8084	2.5431	24.898	2.4497	1.2353
#2	25.145	.99628	2.4331	1.2403	4.7866	2.5340	24.983	2.4539	1.2322

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.996	2.4951	2.4403	25.140	4.9649	5.0376	4.8602	5.0071	4.8851
Stddev	.034	.0116	.0018	.051	.0196	.0193	.0104	.0150	.0018
%RSD	.13495	.46488	.07434	.20173	.39567	.38365	.21422	.29898	.03609

#1	25.020	2.5033	2.4416	25.175	4.9510	5.0513	4.8528	4.9965	4.8839
#2	24.972	2.4869	2.4390	25.104	4.9788	5.0240	4.8676	5.0177	4.8864

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.9785	5.0115	4.907	4.9730
Stddev	.0063	.0184	.016	.0225
%RSD	.12686	.36678	.3164	.45322

#1	4.9829	5.0245	4.896	4.9889
#2	4.9740	4.9985	4.918	4.9570

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3438.7	61503.	4518.8	93.371	3729.9
Stddev	5.7	456.	5.3	.101	2.1
%RSD	.16555	.74080	.11764	.10832	.05703

#1	3442.8	61181.	4515.0	93.300	3728.4
#2	3434.7	61825.	4522.5	93.443	3731.4

Sample Name: LLCCV01 Acquired: 7/28/2017 11:47:03 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02251	.04076	.01249	.02131	.05262	.12711	.10733	.00658	.00641
Stddev	.00168	.00091	.00004	.00117	.00024	.01023	.00011	.00007	.00003
%RSD	7.4812	2.2434	.28057	5.4870	.45331	8.0498	.10120	1.0597	.45908

#1	.02370	.04011	.01252	.02214	.05245	.11988	.10725	.00663	.00643
#2	.02132	.04140	.01247	.02048	.05278	.13435	.10741	.00653	.00639

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1467	.01096	.03136	.02243	.11413	.02249	2.1773	.04257	.01122
Stddev	.0089	.00037	.00003	.00011	.01524	.00003	.0260	.00030	.00015
%RSD	.41379	3.3450	.08422	.51177	13.353	.15083	1.1942	.69915	1.3340

#1	2.1530	.01122	.03134	.02251	.12490	.02247	2.1589	.04236	.01111
#2	2.1404	.01071	.03138	.02235	.10335	.02252	2.1957	.04279	.01133

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0791	.04172	.04236	2.1247	.22316	.12065	.02067	.40782	.04651
Stddev	.0057	.00021	.00104	.0323	.00006	.00112	.00194	.00202	.00071
%RSD	.27674	.50930	2.4645	1.5219	.02746	.93226	9.3774	.49639	1.5366

#1	2.0750	.04157	.04310	2.1476	.22312	.12145	.01930	.40638	.04601
#2	2.0832	.04187	.04162	2.1019	.22321	.11986	.02204	.40925	.04702

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.04225	.01966	.0238	.02226
Stddev	.00047	.00200	.0001	.00010
%RSD	1.1015	10.154	.2833	.45615

#1	.04258	.02107	.0238	.02219
#2	.04192	.01825	.0237	.02233

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3503.8	61708.	4544.4	95.095	3894.1
Stddev	3.0	2.	8.0	1.582	14.2
%RSD	.08479	.00345	.17544	1.6640	.36423

#1	3505.9	61707.	4550.0	93.976	3904.1
#2	3501.7	61710.	4538.8	96.214	3884.1

Sample Name: CCB01 Acquired: 7/28/2017 11:51:16 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	.00015	-.00011	.00071	-.00187	.00988	.00051	-.00004
Stddev	.00035	.00004	.00056	.00058	.00196	.00046	.00039	.00003
%RSD	33.744	29.554	533.31	80.762	104.58	4.6947	76.025	66.490

#1	.00129	.00018	-.00050	.00031	-.00325	.00955	.00079	-.00007
#2	.00079	.00012	.00029	.00112	-.00049	.01021	.00024	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00077	-.00037	.00022	-.00029	-.00977	-.00027	.03182
Stddev	.00002	.00855	.00008	.00001	.00032	.00570	.00010	.00626
%RSD	23.892	1117.2	21.118	3.6917	107.96	58.354	38.680	19.664

#1	-.00007	.00528	-.00032	.00022	-.00051	-.00574	-.00034	.03624
#2	-.00010	-.00681	-.00043	.00023	-.00007	-.01380	-.00019	.02740

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	.00008	-.02447	.00002	-.00075	-.02455	.00074	.01195
Stddev	.00015	.00029	.00587	.00026	.00000	.00364	.00013	.00358
%RSD	30.992	351.84	24.007	1090.2	.00960	14.811	17.482	29.953

#1	.00038	-.00012	-.02031	-.00016	-.00075	-.02712	.00083	.00942
#2	.00060	.00028	-.02862	.00021	-.00075	-.02198	.00065	.01448

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00049	-.00276	-.00007	.00159	.00083	-.0005	.00001	
Stddev	.00033	.00149	.00022	.00258	.00067	.0002	.00004	
%RSD	68.119	53.816	332.99	162.40	80.359	41.12	581.80	

#1	-.00072	-.00171	-.00022	.00341	.00036	-.0007	.00004	
#2	-.00025	-.00381	.00009	-.00024	.00131	-.0004	-.00002	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3512.8	61463.	4546.6	93.925	3853.4			
Stddev	.1	124.	31.4	1.176	.6			
%RSD	.00176	.20187	.69026	1.2519	.01431			

#1	3512.7	61376.	4524.5	93.094	3853.8			
#2	3512.8	61551.	4568.8	94.757	3853.0			

Sample Name: I4473-05 Acquired: 7/28/2017 11:55:32 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00088	-.00007	.00049	-.01032	-.00282	-.00977	.07195	-.00017
Stddev	.00082	.00095	.00095	.00019	.00020	.02308	.00067	.00004
%RSD	93.244	1356.8	194.34	1.8423	6.9832	236.32	.92893	21.946

#1	-.00145	-.00074	-.00018	-.01046	-.00268	-.02609	.07148	-.00019
#2	-.00030	.00060	.00116	-.01019	-.00296	.00655	.07242	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	128.25	.00110	.00021	.00136	.09712	2.5683	2.4609
Stddev	.00001	1.02	.00011	.00016	.00005	.00008	.0064	.0573
%RSD	4.5630	.79192	10.214	75.392	3.6240	.08011	.24745	2.3304

#1	-.00023	127.53	.00102	.00010	.00139	.09718	2.5638	2.4203
#2	-.00025	128.96	.00118	.00033	.00132	.09707	2.5728	2.5014

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00429	.00020	339.16	-.00041	.02382	1.5960	.00195	.01298
Stddev	.00006	.00015	2.99	.00022	.00061	.0073	.00015	.00049
%RSD	1.4766	74.603	.88206	53.589	2.5656	.45430	7.9372	3.8084

#1	.00433	.00031	337.05	-.00056	.02339	1.5909	.00184	.01333
#2	.00424	.00010	341.28	-.00025	.02425	1.6011	.00206	.01263

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.87678	.51186	.00037	-.00103	.00328	.0039	.17355	
Stddev	.00717	.01070	.00009	.00030	.00182	.0017	.00108	
%RSD	.81826	2.0912	24.748	29.479	55.643	42.71	.62458	

#1	.88186	.50429	.00043	-.00081	.00457	.0051	.17279	
#2	.87171	.51943	.00030	-.00124	.00199	.0027	.17432	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3381.3	62529.	4579.2	95.163	3768.0			
Stddev	38.6	6.	45.1	1.684	41.1			
%RSD	1.1429	.00965	.98424	1.7694	1.0914			

#1	3354.0	62534.	4611.0	96.353	3738.9			
#2	3408.6	62525.	4547.3	93.972	3797.1			

Sample Name: I4473-05DUP Acquired: 7/28/2017 11:59:52 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00164	.00031	-.01133	-.00303	.00526	.07142	-.00013
Stddev	.00041	.00096	.00027	.00060	.00007	.00226	.00002	.00010
%RSD	473.60	58.875	86.374	5.3308	2.1981	42.960	.02903	82.884

#1	-.00021	-.00096	.00050	-.01090	-.00298	.00686	.07144	-.00020
#2	.00038	-.00232	.00012	-.01176	-.00307	.00366	.07141	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	127.44	.00092	.00027	.00137	.10131	2.5366	2.4957
Stddev	.00003	.52	.00010	.00002	.00063	.00427	.0047	.0133
%RSD	11.441	.40863	11.347	8.1999	45.973	4.2119	.18672	.53435

#1	-.00023	127.08	.00099	.00028	.00181	.10433	2.5333	2.4863
#2	-.00027	127.81	.00084	.00025	.00092	.09829	2.5400	2.5051

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00393	-.00028	333.46	-.00064	.02355	1.6142	.00192	.00608
Stddev	.00016	.00043	.04	.00012	.00099	.0122	.00004	.00560
%RSD	4.1188	155.46	.01249	18.334	4.2000	.75656	2.2034	92.013

#1	.00405	-.00058	333.43	-.00055	.02285	1.6055	.00194	.00212
#2	.00382	.00003	333.49	-.00072	.02425	1.6228	.00189	.01004

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.86835	.50889	-.00021	-.00405	.00513	.0028	.17264	
Stddev	.00178	.00361	.00019	.00203	.00006	.0003	.00062	
%RSD	.20510	.70930	91.883	50.080	1.1751	10.98	.35903	

#1	.86960	.50634	-.00007	-.00262	.00509	.0030	.17220	
#2	.86709	.51144	-.00034	-.00549	.00517	.0026	.17308	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3416.9	63460.	4619.5	94.725	3815.7			
Stddev	2.5	44.	21.7	3.537	5.1			
%RSD	.07358	.06987	.46914	3.7334	.13335			

#1	3415.1	63492.	4634.8	97.226	3812.1			
#2	3418.7	63429.	4604.2	92.225	3819.3			

Sample Name: I4473-05LX5 Acquired: 7/28/2017 12:04:11 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00027	-.00050	.00139	-.00161	.01508	.01437	-.00009
Stddev	.00192	.00007	.00057	.00172	.00163	.00846	.00067	.00006
%RSD	3801.4	26.106	113.05	123.98	101.33	56.075	4.6810	60.883

#1	.00131	.00022	-.00090	.00261	-.00046	.00910	.01389	-.00013
#2	-.00141	.00032	-.00010	.00017	-.00276	.02106	.01484	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	26.038	-.00067	-.00010	-.00068	.00552	.52997	.53638
Stddev	.00006	.048	.00009	.00018	.00006	.00244	.00165	.00099
%RSD	76.580	.18432	13.980	183.90	8.2772	44.239	.31178	.18516

#1	-.00012	26.072	-.00074	-.00023	-.00064	.00724	.53113	.53708
#2	-.00003	26.004	-.00060	.00003	-.00072	.00379	.52880	.53567

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00124	-.00055	70.348	-.00041	.00441	.31338	.00029	.00098
Stddev	.00017	.00001	.242	.00018	.00005	.03095	.00024	.00643
%RSD	13.924	1.1579	.34349	43.960	1.0756	9.8771	80.218	652.74

#1	.00112	-.00054	70.519	-.00054	.00445	.33526	.00046	.00553
#2	.00136	-.00055	70.177	-.00029	.00438	.29149	.00013	-.00356

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.17795	.10538	-.00069	.00117	.00462	-.0002	.03495	
Stddev	.00190	.00015	.00021	.00165	.00020	.0004	.00012	
%RSD	1.0675	.13923	30.796	140.71	4.3769	211.9	.33994	

#1	.17660	.10528	-.00054	.00001	.00448	-.0004	.03504	
#2	.17929	.10548	-.00085	.00234	.00476	.0001	.03487	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3498.0	63561.	4615.7	96.998	3988.2			
Stddev	27.1	472.	9.5	.771	32.7			
%RSD	.77353	.74329	.20484	.79527	.82043			

#1	3517.1	63227.	4609.0	96.453	4011.3			
#2	3478.9	63895.	4622.4	97.544	3965.1			

Sample Name: I4473-05MS Acquired: 7/28/2017 12:08:25 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84693	1.9412	.98657	1.8807	.81344	2.1358	.30032	.20836	.19896
Stddev	.00101	.0015	.00027	.0094	.00474	.0031	.00238	.00080	.00032
%RSD	.11944	.07578	.02775	.50201	.58267	.14458	.79329	.38504	.15922

#1	.84764	1.9402	.98638	1.8874	.81679	2.1336	.30200	.20779	.19918
#2	.84621	1.9422	.98677	1.8740	.81009	2.1380	.29863	.20893	.19874

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	144.41	.43026	.20413	.31799	3.2363	3.0536	4.8553	.51141	.08022
Stddev	.38	.00067	.00047	.00171	.0639	.0095	.0284	.00067	.00048
%RSD	.26492	.15648	.23192	.53702	1.9738	.30991	.58464	.13039	.59522

#1	144.68	.43074	.20446	.31920	3.1911	3.0469	4.8754	.51188	.07988
#2	144.14	.42979	.20379	.31679	3.2814	3.0603	4.8352	.51093	.08055

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	375.76	.32611	.23342	12.970	.44123	.32364	.93710	1.5657	.72261
Stddev	.06	.00092	.00554	.000	.00260	.01206	.00094	.0061	.00089
%RSD	.01701	.28213	2.3734	.00045	.58883	3.7251	.10046	.39244	.12369

#1	375.81	.32546	.22951	12.970	.44307	.33216	.93776	1.5701	.72324
#2	375.72	.32676	.23734	12.970	.43939	.31511	.93643	1.5614	.72198

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.21700	.22799	5.775	.39564
Stddev	.00191	.00090	.011	.00106
%RSD	.87929	.39573	.1909	.26857

#1	.21834	.22735	5.783	.39639
#2	.21565	.22862	5.767	.39489

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3361.4	62405.	4482.5	94.001	3778.2
Stddev	15.2	80.	5.0	2.084	8.5
%RSD	.45190	.12808	.11152	2.2169	.22582

#1	3350.7	62461.	4478.9	95.474	3772.2
#2	3372.2	62348.	4486.0	92.527	3784.3

Sample Name: I4473-05MSD Acquired: 7/28/2017 12:12:28 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84694	1.9392	.98675	1.8777	.81868	2.1317	.30032	.20863	.19992
Stddev	.00185	.0014	.00140	.0056	.00451	.0217	.00017	.00024	.00026
%RSD	.21879	.07068	.14143	.29687	.55073	1.0171	.05564	.11611	.12899

#1	.84563	1.9402	.98576	1.8738	.82187	2.1164	.30020	.20846	.19973
#2	.84825	1.9383	.98773	1.8817	.81549	2.1470	.30044	.20880	.20010

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	144.64	.43025	.20477	.31929	3.2013	3.0709	4.8917	.51255	.08041
Stddev	.76	.00104	.00028	.00103	.0507	.0082	.0190	.00003	.00083
%RSD	.52683	.24127	.13528	.32345	1.5836	.26814	.38898	.00612	1.0290

#1	144.10	.42951	.20458	.32003	3.1654	3.0651	4.8783	.51257	.07982
#2	145.18	.43098	.20497	.31856	3.2371	3.0767	4.9052	.51252	.08099

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	370.51	.32760	.23150	12.933	.44274	.32991	.93965	1.5541	.72033
Stddev	2.69	.00090	.00292	.061	.00125	.00052	.00156	.0027	.00102
%RSD	.72583	.27518	1.2595	.46883	.28219	.15694	.16578	.17251	.14096

#1	372.41	.32696	.22944	12.890	.44362	.32954	.93855	1.5522	.72105
#2	368.61	.32823	.23356	12.976	.44185	.33027	.94075	1.5560	.71962

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.21372	.23008	5.786	.39513
Stddev	.00090	.00346	.013	.00103
%RSD	.42233	1.5021	.2322	.26127

#1	.21436	.22763	5.777	.39440
#2	.21308	.23252	5.796	.39586

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3353.2	62125.	4486.5	94.735	3774.3
Stddev	10.6	77.	14.8	.879	5.6
%RSD	.31593	.12454	.32996	.92745	.14753

#1	3345.7	62180.	4496.9	95.356	3770.4
#2	3360.7	62070.	4476.0	94.114	3778.3

Sample Name: I4473-05A Acquired: 7/28/2017 12:16:31 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86910	1.9907	1.0107	1.9722	.82875	2.1808	.29669	.21609	.20344
Stddev	.00254	.0033	.0041	.0091	.00353	.0024	.00246	.00105	.00026
%RSD	.29197	.16516	.40331	.46275	.42547	.10975	.82961	.48456	.12742

#1	.87089	1.9931	1.0136	1.9786	.83124	2.1791	.29843	.21535	.20362
#2	.86730	1.9884	1.0078	1.9657	.82625	2.1825	.29495	.21683	.20326

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	133.24	.43806	.20879	.32684	3.2170	2.8348	4.7232	.52186	.08221
Stddev	.17	.00164	.00098	.00073	.0129	.0070	.0145	.00092	.00007
%RSD	.12823	.37540	.46723	.22338	.40037	.24571	.30617	.17553	.07986

#1	133.36	.43690	.20948	.32735	3.2261	2.8298	4.7335	.52251	.08216
#2	133.12	.43922	.20810	.32632	3.2079	2.8397	4.7130	.52121	.08225

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	340.07	.33397	.22967	13.089	.45675	.33471	.86787	1.5785	.75174
Stddev	2.11	.00217	.00081	.026	.00131	.00018	.00240	.0150	.00236
%RSD	.62046	.64985	.35289	.20024	.28780	.05422	.27597	.95133	.31377

#1	341.57	.33244	.22910	13.070	.45768	.33484	.86956	1.5679	.75341
#2	338.58	.33551	.23025	13.108	.45582	.33458	.86618	1.5891	.75007

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.22464	.23135	5.960	.38346
Stddev	.00356	.00167	.021	.00126
%RSD	1.5852	.72372	.3505	.32940

#1	.22716	.23016	5.975	.38436
#2	.22212	.23253	5.945	.38257

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3399.9	62531.	4488.6	96.125	3823.2
Stddev	9.7	103.	12.5	.171	11.0
%RSD	.28584	.16458	.27867	.17797	.28680

#1	3393.1	62604.	4497.4	96.004	3815.4
#2	3406.8	62458.	4479.8	96.246	3830.9

Sample Name: I4398-01DLX10 Acquired: 7/28/2017 12:20:33 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01718	.00637	80.409	.05004	.01103	39.130	2.4924	.00028
Stddev	.00090	.00213	.058	.00214	.00253	.040	.0001	.00013
%RSD	5.2296	33.493	.07270	4.2723	22.972	.10256	.00304	46.616
#1	.01654	.00787	80.368	.04853	.01282	39.101	2.4923	.00019
#2	.01781	.00486	80.450	.05155	.00924	39.158	2.4924	.00037
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	11.275	5.7648	.31392	.13237	171.13	1.5230	8.7827
Stddev	.00028	.030	.0063	.00035	.00100	2.35	.0019	.0604
%RSD	23.167	.26245	.10859	.11076	.75334	1.3706	.12794	.68733
#1	-.00102	11.296	5.7692	.31367	.13308	169.47	1.5244	8.8254
#2	-.00141	11.254	5.7603	.31416	.13167	172.79	1.5217	8.7400
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07107	.01064	2.0453	.03822	1.1790	.57921	.01115	-.06446
Stddev	.00009	.00027	.0115	.00023	.0203	.00236	.00024	.00023
%RSD	.12372	2.5193	.56080	.60603	1.7229	.40744	2.1603	.35488
#1	.07101	.01045	2.0534	.03839	1.1647	.58088	.01132	-.06463
#2	.07114	.01083	2.0372	.03806	1.1934	.57755	.01098	-.06430
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	4.1341	.26209	.02326	.57070	.02045	.4669	.08199	
Stddev	.0053	.00131	.00020	.00212	.00032	.0004	.00004	
%RSD	.12944	.49801	.85924	.37176	1.5651	.0880	.05421	
#1	4.1379	.26117	.02340	.56920	.02068	.4666	.08196	
#2	4.1304	.26301	.02312	.57220	.02022	.4672	.08202	
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3479.5	64210.	4842.8	97.617	3883.1			
Stddev	4.8	28.	3.3	1.637	2.4			
%RSD	.13938	.04293	.06764	1.6772	.06082			
#1	3476.1	64190.	4840.5	98.774	3881.5			
#2	3483.0	64229.	4845.1	96.459	3884.8			

Sample Name: I4446-01DLX10 Acquired: 7/28/2017 12:24:33 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00919	.00268	.13781	-.01912	.00435	2.9813	.27752	.00020
Stddev	.00044	.00204	.00809	.00107	.00001	.0496	.00078	.00005
%RSD	4.7451	76.132	5.8685	5.6064	.26244	1.6641	.28071	22.683

#1	.00950	.00124	.13209	-.01988	.00434	3.0163	.27807	.00024
#2	.00889	.00413	.14353	-.01836	.00436	2.9462	.27697	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00404	240.44	.09812	.00393	.08814	15.397	2.4361	110.86
Stddev	.00029	.38	.00125	.00027	.00532	.169	.0076	.23
%RSD	7.1692	.15894	1.2720	6.7866	6.0335	1.0979	.31102	.20469

#1	.00384	240.71	.09900	.00374	.08438	15.517	2.4415	110.70
#2	.00425	240.17	.09723	.00412	.09190	15.278	2.4308	111.02

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02343	.00085	.31924	.01736	7.8648	.73024	.00132	.00458
Stddev	.00148	.00022	.00012	.00050	.0270	.01271	.00017	.00138
%RSD	6.2980	25.393	.03629	2.8806	.34274	1.7410	13.103	30.176

#1	.02239	.00070	.31916	.01771	7.8838	.73922	.00119	.00360
#2	.02447	.00101	.31932	.01700	7.8457	.72125	.00144	.00555

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	3.5216	.50249	.00432	.08632	.01515	.7403	.06893	
Stddev	.1979	.00550	.00038	.00173	.00013	.0398	.00006	
%RSD	5.6199	1.0954	8.7202	2.0067	.87884	5.374	.08639	

#1	3.3816	.49860	.00459	.08509	.01505	.7122	.06897	
#2	3.6615	.50639	.00406	.08754	.01524	.7685	.06889	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3258.4	62373.	4563.1	90.345	3476.3			
Stddev	162.9	474.	4.6	.752	174.6			
%RSD	4.9987	.76015	.10058	.83191	5.0233			

#1	3373.6	62038.	4566.3	89.814	3599.8			
#2	3143.2	62709.	4559.8	90.877	3352.9			

Sample Name: PB101005BL Acquired: 7/28/2017 12:28:39 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00205	.00163	-.00005	.00188	-.00111	-.00316	.00061	-.00008
Stddev	.00021	.00084	.00053	.00251	.00093	.00331	.00004	.00004
%RSD	10.186	51.424	1067.7	133.40	83.750	104.70	6.9613	45.329

#1	.00220	.00104	-.00043	.00011	-.00177	-.00550	.00058	-.00006
#2	.00190	.00222	.00033	.00365	-.00045	-.00082	.00064	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.02238	.00010	.00014	-.00106	-.00810	-.00007	-.00140
Stddev	.00010	.02128	.00019	.00023	.00006	.00164	.00008	.00141
%RSD	630.56	95.105	189.42	155.82	5.4203	20.185	106.43	100.47

#1	-.00006	-.03743	-.00003	-.00001	-.00110	-.00695	-.00002	-.00240
#2	.00009	-.00733	.00023	.00030	-.00102	-.00926	-.00013	-.00041

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	.00009	.03510	-.00064	.00215	-.00028	-.00010	.00502
Stddev	.00064	.00007	.00679	.00000	.00060	.01391	.00011	.00435
%RSD	104.17	75.185	19.353	.41059	27.904	4962.4	110.63	86.675

#1	.00016	.00014	.03990	-.00064	.00258	.00956	-.00002	.00194
#2	.00107	.00004	.03029	-.00065	.00173	-.01012	-.00017	.00809

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00113	-.00041	-.00106	.00141	.00234	-.0013	.00001	
Stddev	.00161	.00145	.00045	.00028	.00046	.0022	.00008	
%RSD	141.66	356.67	42.193	19.953	19.505	178.0	1566.2	

#1	.00227	.00062	-.00074	.00161	.00202	-.0028	.00006	
#2	.00000	-.00143	-.00138	.00121	.00266	.0003	-.00005	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3507.6	61480.	4528.2	94.953	3838.5			
Stddev	7.8	75.	8.5	1.608	13.0			
%RSD	.22304	.12150	.18687	1.6930	.33778			

#1	3502.1	61533.	4522.2	96.090	3829.3			
#2	3513.2	61427.	4534.1	93.817	3847.7			

Sample Name: PB101005BS Acquired: 7/28/2017 12:32:52 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86877	2.0590	1.0518	2.1395	.86511	2.1963	.22705
Stddev	.00078	.0071	.0019	.0054	.00378	.0181	.00270
%RSD	.08961	.34392	.18359	.25039	.43749	.82188	1.1902

#1	.86822	2.0540	1.0505	2.1357	.86244	2.1835	.22514
#2	.86932	2.0640	1.0532	2.1433	.86779	2.2090	.22896

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22134	.21740	1.1593	.45399	.21768	.34361	3.2204
Stddev	.00032	.00002	.0182	.00088	.00001	.00092	.0280
%RSD	.14317	.00802	1.5727	.19493	.00283	.26754	.86944

#1	.22156	.21739	1.1464	.45462	.21768	.34296	3.2402
#2	.22111	.21741	1.1721	.45337	.21767	.34426	3.2006

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23094	2.3187	.54895	.07907	3.3920	.33431	.21909
Stddev	.00054	.0105	.00109	.00007	.0451	.00107	.00376
%RSD	.23416	.45215	.19885	.09016	1.3294	.31919	1.7165

#1	.23132	2.3261	.54818	.07912	3.3602	.33507	.22175
#2	.23056	2.3112	.54973	.07902	3.4239	.33356	.21643

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.163	.44463	.33859	F -.00037	1.0366	.76542	.22554
Stddev	.074	.00044	.00835	.00115	.0056	.00009	.00286
%RSD	.66724	.09805	2.4663	313.75	.53675	.01148	1.2662

#1	11.110	.44494	.33268	-.00118	1.0327	.76536	.22352
#2	11.216	.44432	.34449	.00045	1.0405	.76548	.22756

Elem	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm
Avg	.22010	5.891	.20869
Stddev	.00100	.006	.00078
%RSD	.45580	.1087	.37247

#1	.21939	5.886	.20814
#2	.22081	5.895	.20923

Sample Name: PB101005BS Acquired: 7/28/2017 12:32:52 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3519.4	62439.	4550.5	97.277	3949.0
Stddev	4.0	35.	3.2	1.671	3.4
%RSD	.11398	.05624	.07060	1.7178	.08536
#1	3522.3	62414.	4552.7	96.095	3951.4
#2	3516.6	62464.	4548.2	98.458	3946.6

Sample Name: CCV02 Acquired: 7/28/2017 12:36:50 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9650	4.9236	4.9054	4.9822	4.9752	10.054	9.8827	.25065	2.4797
Stddev	.0230	.0191	.0219	.0189	.0211	.018	.0217	.00037	.0083
%RSD	.46328	.38749	.44721	.37987	.42375	.18249	.21919	.14628	.33289

#1	4.9488	4.9101	4.8899	4.9689	4.9602	10.067	9.8981	.25091	2.4738
#2	4.9813	4.9371	4.9210	4.9956	4.9901	10.041	9.8674	.25039	2.4855

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.059	1.0039	2.4504	1.2439	4.9581	2.5434	24.886	2.4708	1.2331
Stddev	.030	.0006	.0105	.0071	.0524	.0072	.045	.0094	.0001
%RSD	.12087	.06523	.43021	.56746	1.0577	.28177	.18000	.38176	.00997

#1	25.037	1.0044	2.4429	1.2389	4.9210	2.5484	24.854	2.4641	1.2330
#2	25.080	1.0035	2.4578	1.2489	4.9952	2.5383	24.917	2.4775	1.2332

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.721	2.5119	2.5203	25.038	5.0020	5.0232	4.8816	5.0508	4.9510
Stddev	.052	.0055	.0139	.006	.0178	.0077	.0172	.0248	.0176
%RSD	.21187	.21858	.55329	.02289	.35663	.15366	.35160	.49022	.35514

#1	24.684	2.5158	2.5105	25.042	4.9894	5.0178	4.8695	5.0333	4.9386
#2	24.758	2.5080	2.5302	25.034	5.0146	5.0287	4.8938	5.0683	4.9634

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.9882	4.9912	4.989	4.9497
Stddev	.0121	.0042	.008	.0134
%RSD	.24331	.08338	.1634	.27136

#1	4.9796	4.9883	4.983	4.9402
#2	4.9968	4.9942	4.995	4.9592

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3428.4	61830.	4515.8	90.005	3700.1
Stddev	5.6	588.	19.8	.249	6.3
%RSD	.16207	.95101	.43762	.27643	.17060

#1	3432.3	61414.	4501.8	90.181	3704.6
#2	3424.5	62246.	4529.7	89.829	3695.7

Sample Name: CCB02 Acquired: 7/28/2017 12:40:57 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	.00055	.00002	.00183	-.00106	-.00258	.00049	-.00007
Stddev	.00177	.00072	.00034	.00143	.00104	.00808	.00018	.00001
%RSD	158.65	130.44	1506.2	78.233	97.218	313.32	36.489	20.251

#1	.00014	.00004	.00026	.00082	-.00180	-.00829	.00062	-.00008
#2	-.00237	.00105	-.00022	.00284	-.00033	.00313	.00037	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.01624	-.00015	-.00003	-.00080	-.01212	-.00032	.01734
Stddev	.00002	.01066	.00011	.00024	.00037	.00096	.00011	.01847
%RSD	10.081	65.605	75.085	937.00	46.534	7.9384	36.326	106.53

#1	-.00017	-.00871	-.00022	.00015	-.00106	-.01280	-.00024	.00428
#2	-.00019	-.02378	-.00007	-.00020	-.00054	-.01144	-.00040	.03039

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	.00004	-.06177	-.00054	-.00094	-.02128	.00192	.00288
Stddev	.00011	.00012	.00362	.00021	.00004	.00678	.00014	.00015
%RSD	14.305	280.40	5.8542	38.372	3.7699	31.870	7.3893	5.3748

#1	.00069	-.00004	-.05922	-.00039	-.00097	-.01648	.00202	.00277
#2	.00085	.00012	-.06433	-.00068	-.00092	-.02607	.00182	.00299

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00141	-.00660	-.00141	.00077	-.00398	-.0011	-.00001	
Stddev	.00071	.00060	.00012	.00003	.00154	.0005	.00003	
%RSD	50.257	9.1603	8.6880	4.3454	38.602	48.53	217.87	

#1	-.00191	-.00703	-.00150	.00080	-.00506	-.0007	-.00004	
#2	-.00091	-.00618	-.00132	.00075	-.00289	-.0015	.00001	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3594.1	63232.	4660.7	99.770	3993.5			
Stddev	2.1	9.	5.5	.975	2.9			
%RSD	.05738	.01415	.11834	.97720	.07332			

#1	3595.5	63225.	4664.6	100.46	3995.6			
#2	3592.6	63238.	4656.8	99.080	3991.4			

Sample Name: B 50PPM Acquired: 7/28/2017 13:05:32 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00130	.00190	-.00147	-.00010	-.00186	.00602	-.00016	.00003
Stddev	.00103	.00087	.00023	.00201	.00128	.00040	.00119	.00005
%RSD	79.319	45.929	15.780	2046.4	68.687	6.6762	762.30	205.16

#1	.00203	.00129	-.00163	.00132	-.00276	.00573	-.00100	-.00001
#2	.00057	.00252	-.00130	-.00152	-.00096	.00630	.00069	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.00944	-.00024	-.00010	-.00003	-.00380	-.00019	.06367
Stddev	.00003	.00051	.00009	.00023	.00048	.00910	.00005	.01379
%RSD	20.123	5.3919	38.582	218.17	1844.9	239.23	28.327	21.661

#1	-.00012	-.00908	-.00018	-.00026	.00031	.00263	-.00015	.05392
#2	-.00015	-.00980	-.00031	.00006	-.00036	-.01024	-.00023	.07342

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	-.00015	-.00621	-.00022	.00041	-.00541	.00024	51.709
Stddev	.00011	.00004	.01001	.00051	.00006	.00974	.00017	.092
%RSD	22.537	27.811	161.20	233.29	15.220	179.92	72.766	.17770

#1	.00042	-.00012	-.01328	-.00058	.00045	-.01230	.00036	51.644
#2	.00057	-.00018	.00087	.00014	.00036	.00147	.00011	51.774

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00146	-.00107	.00042	.00075	-.00109	-.0014	.00001	
Stddev	.00036	.00049	.00060	.00034	.00062	.0005	.00005	
%RSD	24.663	45.455	141.91	44.678	57.181	35.36	618.28	

#1	.00172	-.00073	.00084	.00051	-.00152	-.0018	.00004	
#2	.00121	-.00141	.00000	.00099	-.00065	-.0011	-.00003	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3496.2	61186.	4558.6	96.709	3910.4			
Stddev	1.3	87.	13.2	.207	3.8			
%RSD	.03781	.14173	.28895	.21429	.09828			

#1	3495.2	61248.	4549.3	96.855	3907.7			
#2	3497.1	61125.	4567.9	96.562	3913.1			

Sample Name: B 75PPM Acquired: 7/28/2017 13:09:41 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00270	.00278	-.00011	-.00270	-.00201	.00101	.00042	-.00001
Stddev	.00005	.00095	.00008	.00031	.00001	.00817	.00079	.00002
%RSD	1.8384	34.242	74.243	11.433	.32034	812.71	188.02	338.42

#1	.00274	.00211	-.00005	-.00248	-.00201	-.00477	.00098	.00001
#2	.00267	.00346	-.00017	-.00292	-.00202	.00678	-.00014	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.01222	-.00003	-.00031	.00029	-.01583	-.00021	.04562
Stddev	.00004	.01426	.00019	.00001	.00001	.00376	.00000	.00062
%RSD	20.586	116.69	677.30	2.5868	4.0108	23.742	1.8880	1.3542

#1	-.00025	.02230	.00010	-.00032	.00030	-.01317	-.00021	.04518
#2	-.00019	.00214	-.00016	-.00031	.00029	-.01848	-.00022	.04605

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00027	-.00232	-.00040	.00048	-.01042	.00059	76.773
Stddev	.00014	.00047	.00309	.00019	.00002	.03915	.00015	.040
%RSD	1237.2	171.76	133.40	48.748	5.2290	375.75	24.832	.05186

#1	-.00011	-.00061	-.00450	-.00026	.00046	-.03810	.00049	76.801
#2	.00009	.00006	-.00013	-.00054	.00049	.01727	.00069	76.745

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00029	.00080	-.00009	.00025	.00113	-.0011	-.00009	
Stddev	.00322	.00183	.00013	.00091	.00026	.0003	.00009	
%RSD	1112.6	229.26	138.64	363.16	22.870	22.81	97.480	

#1	-.00256	-.00050	-.00018	-.00039	.00095	-.0009	-.00015	
#2	.00198	.00210	.00000	.00090	.00131	-.0013	-.00003	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3516.8	61817.	4561.5	95.673	3953.3			
Stddev	.6	17.	12.7	1.888	6.0			
%RSD	.01565	.02769	.27909	1.9731	.15159			

#1	3517.2	61829.	4552.5	94.338	3949.1			
#2	3516.4	61804.	4570.5	97.008	3957.5			

Sample Name: B 100PPM Acquired: 7/28/2017 13:13:58 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00105	.00186	.00081	-.00132	-.00328	.00575	.00090	-.00002
Stddev	.00068	.00001	.00009	.00052	.00089	.00033	.00071	.00003
%RSD	65.248	.32275	10.914	39.115	26.986	5.6815	78.531	173.09

#1	.00057	.00186	.00075	-.00169	-.00391	.00598	.00140	-.00004
#2	.00153	.00185	.00088	-.00095	-.00266	.00551	.00040	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	.00149	.00002	-.00027	.00096	-.01121	-.00021	.02705
Stddev	.00002	.00990	.00019	.00008	.00038	.00342	.00002	.01597
%RSD	11.036	662.65	822.75	29.853	39.351	30.540	10.742	59.053

#1	-.00023	.00850	-.00011	-.00021	.00123	-.01363	-.00020	.01575
#2	-.00019	-.00551	.00016	-.00032	.00069	-.00879	-.00023	.03834

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	-.00051	-.02104	-.00022	.00085	-.00315	.00060	F 101.41
Stddev	.00015	.00001	.00427	.00048	.00001	.02523	.00003	.18
%RSD	49.174	2.3115	20.307	223.66	1.1841	800.56	5.4987	.17849

#1	.00019	-.00051	-.01802	.00013	.00085	-.02099	.00062	101.28
#2	.00040	-.00050	-.02406	-.00056	.00084	.01469	.00058	101.54

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00477	-.00334	.00046	.00208	-.00112	-.0018	.00000	
Stddev	.00008	.00178	.00029	.00181	.00149	.0006	.0001	
%RSD	1.7256	53.333	63.603	87.250	133.30	31.44	3146.4	

#1	.00471	-.00460	.00025	.00336	-.00006	-.0022	-.00008	
#2	.00483	-.00208	.00067	.00080	-.00217	-.0014	.00007	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3513.1	62500.	4564.3	99.048	3958.3			
Stddev	7.0	433.	12.6	2.176	8.2			
%RSD	.19954	.69289	.27628	2.1973	.20784			

#1	3508.1	62807.	4573.2	97.509	3952.5			
#2	3518.0	62194.	4555.4	100.59	3964.1			

Sample Name: PB 150PPM Acquired: 7/28/2017 13:18:13 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	.00176	138.48	-.01565	-.00222	.01601	.00055	.00005
Stddev	.00022	.00009	1.14	.00132	.00025	.00180	.00074	.00008
%RSD	79.972	4.9962	.82517	8.4582	11.183	11.226	133.90	153.95

#1	.00012	.00183	137.67	-.01472	-.00239	.01729	.00107	.00011
#2	.00043	.00170	139.28	-.01659	-.00204	.01474	.00003	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	-.00802	.00139	.00097	-.24872	-.01246	-.00021	.00700
Stddev	.00013	.01038	.00016	.00009	.00359	.00269	.00007	.01384
%RSD	44.093	129.43	11.845	9.5290	1.4436	21.611	35.159	197.62

#1	.00020	-.00068	.00128	.00090	-.24618	-.01056	-.00026	.01679
#2	.00039	-.01537	.00151	.00103	-.25126	-.01437	-.00016	-.00278

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	-.00028	.01258	-.00049	-.00003	.00255	-.00032	.17487
Stddev	.00018	.00042	.00667	.00009	.00001	.03752	.00021	.00729
%RSD	68.749	148.92	53.007	18.526	28.746	1470.7	65.304	4.1675

#1	.00013	-.00058	.01729	-.00056	-.00002	-.02398	-.00047	.18002
#2	.00039	.00001	.00786	-.00043	-.00003	.02908	-.00017	.16971

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.01082	.00094	-.00159	-.00035	-.00231	-.0023	-.00001	
Stddev	.00237	.00038	.00016	.00081	.00022	.0002	.00011	
%RSD	21.918	40.435	10.240	231.58	9.5944	7.354	964.41	

#1	.00914	.00121	-.00147	-.00092	-.00215	-.0025	-.00009	
#2	.01250	.00067	-.00170	.00022	-.00247	-.0022	.00007	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3498.7	61947.	4525.7	94.978	3870.0			
Stddev	.4	198.	1.8	.163	5.3			
%RSD	.01191	.32005	.03932	.17202	.13748			

#1	3499.0	62087.	4527.0	94.862	3873.8			
#2	3498.4	61807.	4524.5	95.093	3866.2			

Sample Name: PB 200PPM Acquired: 7/28/2017 13:22:26 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00216	.00085	185.43	-.02251	-.00118	-.00018	.00078	.00007
Stddev	.00059	.00175	3.53	.00196	.00273	.00406	.00038	.00004
%RSD	27.257	205.36	1.9059	8.6886	231.87	2258.2	48.772	54.379

#1	.00258	.00209	182.93	-.02112	-.00311	-.00305	.00051	.00004
#2	.00175	-.00038	187.93	-.02389	.00075	.00269	.00105	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	-.00601	.00152	.00136	-.32472	-.00837	-.00018	.01102
Stddev	.00001	.00201	.00010	.00007	.00212	.00580	.00004	.00966
%RSD	1.8236	33.519	6.3421	4.9373	.65163	69.319	21.153	87.662

#1	.00036	-.00459	.00145	.00141	-.32322	-.01248	-.00016	.01786
#2	.00036	-.00743	.00158	.00131	-.32621	-.00427	-.00021	.00419

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	-.00007	-.00351	-.00047	-.00004	-.00462	-.00015	.08884
Stddev	.00007	.00019	.00271	.00043	.00003	.00443	.00013	.00157
%RSD	14.202	276.83	77.013	90.120	81.715	95.960	88.502	1.7722

#1	.00051	.00006	-.00543	-.00078	-.00002	-.00775	-.00006	.08773
#2	.00041	-.00020	-.00160	-.00017	-.00006	-.00148	-.00025	.08995

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.01151	.00484	-.00199	.00105	.00001	-.0019	.00002	
Stddev	.00018	.00244	.00072	.00078	.00030	.0004	.00002	
%RSD	1.5784	50.414	36.332	73.566	2369.3	19.90	138.72	

#1	.01139	.00312	-.00148	.00160	.00023	-.0016	.00004	
#2	.01164	.00657	-.00250	.00051	-.00020	-.0021	.00000	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3452.7	62102.	4546.3	96.206	3825.4			
Stddev	53.0	193.	4.6	.310	46.7			
%RSD	1.5349	.31001	.10136	.32240	1.2197			

#1	3490.2	61966.	4549.5	96.425	3858.4			
#2	3415.3	62239.	4543.0	95.986	3792.4			

Sample Name: PB250PPM Acquired: 7/28/2017 13:26:37 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	.00046	236.40	-.02666	-.00004	.04647	.00118	.00008
Stddev	.00006	.00139	1.10	.00030	.00013	.00175	.00070	.00000
%RSD	4.2006	305.75	.46655	1.1286	362.24	3.7629	59.404	3.2237

#1	.00143	-.00053	235.62	-.02644	-.00013	.04523	.00068	.00008
#2	.00152	.00144	237.18	-.02687	.00006	.04770	.00167	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	-.00933	.00151	.00191	-.40042	-.01291	-.00008	.03449
Stddev	.00002	.00356	.00039	.00010	.00328	.00893	.00007	.03043
%RSD	3.9598	38.152	26.031	5.3289	.81964	69.153	96.803	88.218

#1	.00052	-.01184	.00178	.00198	-.39810	-.00660	-.00002	.01298
#2	.00049	-.00681	.00123	.00184	-.40274	-.01923	-.00013	.05601

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	.00011	-.00212	-.00075	.00048	.00336	-.00006	.06557
Stddev	.00017	.00020	.00390	.00027	.00010	.00430	.00016	.00137
%RSD	78.639	179.88	184.37	36.352	20.200	127.80	267.89	2.0933

#1	.00034	.00026	.00064	-.00055	.00055	.00640	-.00018	.06654
#2	.00010	-.00003	-.00487	-.00094	.00041	.00032	.00005	.06460

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.01646	.00491	-.00148	-.00010	-.00131	-.0009	.00002	
Stddev	.00019	.00311	.00001	.00188	.00103	.0012	.00002	
%RSD	1.1838	63.369	.71667	1844.8	78.374	135.9	130.67	

#1	.01659	.00271	-.00147	-.00143	-.00204	-.0017	.00004	
#2	.01632	.00710	-.00149	.00122	-.00059	.0000	.00000	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3489.1	62012.	4526.3	93.504	3874.1			
Stddev	14.2	217.	11.3	.642	8.8			
%RSD	.40840	.35023	.24982	.68691	.22800			

#1	3479.0	61858.	4534.3	93.050	3867.8			
#2	3499.1	62165.	4518.4	93.958	3880.3			

Sample Name: I4484-01 Acquired: 7/28/2017 14:03:38 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00304	.00071	-.00135	-.02957	-.00353	-.06833	.15886	-.00006
Stddev	.00180	.00099	.00067	.00006	.00043	.00263	.00027	.00001
%RSD	59.094	139.78	49.969	.20800	12.247	3.8554	.16723	18.964

#1	.00431	.00001	-.00087	-.02961	-.00384	-.06647	.15867	-.00005
#2	.00177	.00141	-.00182	-.02953	-.00323	-.07020	.15904	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	283.75	.00401	-.00086	-.00113	.02318	.00139	100.64
Stddev	.00013	.46	.00022	.00006	.00006	.00244	.00000	.26
%RSD	590.74	.16180	5.4176	6.6784	5.4690	10.537	.33287	.26273

#1	-.00007	284.07	.00417	-.00090	-.00109	.02491	.00139	100.82
#2	.00011	283.43	.00386	-.00082	-.00118	.02145	.00140	100.45

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00391	-.00029	614.41	.00015	.04757	34.869	.00542	.29456
Stddev	.00004	.00014	8.33	.00040	.00084	.110	.00016	.00548
%RSD	.95557	46.430	1.3555	263.83	1.7680	.31668	2.8722	1.8589

#1	.00394	-.00020	620.30	-.00013	.04816	34.947	.00553	.29844
#2	.00389	-.00039	608.52	.00043	.04697	34.791	.00531	.29069

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	53.446	20.995	-.00157	-.00663	.04036	.0181	1.4514	
Stddev	.052	.204	.00022	.00196	.00143	.0011	.0018	
%RSD	.09794	.97179	13.865	29.485	3.5538	5.942	.12107	

#1	53.483	21.139	-.00142	-.00802	.03934	.0188	1.4526	
#2	53.409	20.851	-.00173	-.00525	.04137	.0173	1.4501	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3197.5	60189.	4408.2	92.409	3539.0			
Stddev	2.3	66.	24.9	1.214	2.0			
%RSD	.07086	.11026	.56502	1.3138	.05639			

#1	3199.1	60236.	4390.6	91.551	3540.4			
#2	3195.9	60142.	4425.8	93.268	3537.6			

Sample Name: I4493-01 Acquired: 7/28/2017 14:07:47 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20865	.00245	34.697	.09914	.01708	71.530	4.4932	.00600
Stddev	.00268	.00019	.147	.00198	.00078	.069	.0102	.00000
%RSD	1.2840	7.7918	.42224	2.0013	4.5743	.09712	.22724	.01917

#1	.20676	.00258	34.594	.10054	.01653	71.579	4.5004	.00600
#2	.21055	.00231	34.801	.09774	.01763	71.481	4.4859	.00600

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01871	149.59	.22497	.11111	4.6426	293.64	3.1463	6.5361
Stddev	.00009	.31	.00207	.00047	.0339	.48	.0164	.0783
%RSD	.49296	.20688	.92196	.41988	.73034	.16241	.52180	1.1972

#1	.01865	149.81	.22350	.11078	4.6186	293.98	3.1347	6.5915
#2	.01878	149.37	.22643	.11144	4.6665	293.31	3.1579	6.4808

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21365	.02359	5.2027	.36051	14.877	7.6301	.04599	-.05152
Stddev	.00037	.00009	.0085	.00029	.031	.0020	.00053	.01129
%RSD	.17369	.39981	.16275	.07913	.20945	.02580	1.1415	21.917

#1	.21391	.02352	5.1967	.36072	14.899	7.6315	.04562	-.05950
#2	.21339	.02366	5.2087	.36031	14.855	7.6287	.04636	-.04354

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	192.23	2.1677	3.4718	.86697	.10170	12.36	.98546	
Stddev	.75	.0275	.0124	.00334	.00015	.04	.00021	
%RSD	.39082	1.2679	.35793	.38505	.15158	.2977	.02177	

#1	191.70	2.1871	3.4630	.86933	.10180	12.33	.98531	
#2	192.76	2.1483	3.4806	.86460	.10159	12.39	.98562	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3657.0	69160.	5196.7	94.448	3553.7			
Stddev	16.4	195.	30.3	.388	3.7			
%RSD	.44776	.28241	.58270	.41050	.10395			

#1	3668.6	69022.	5175.3	94.174	3556.3			
#2	3645.4	69298.	5218.1	94.722	3551.1			

Sample Name: I4493-02 Acquired: 7/28/2017 14:11:52 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25067	.00207	7.4486	.09359	.00863	85.563	2.8341	.00700
Stddev	.00056	.00001	.0301	.00127	.00008	.154	.0001	.00044
%RSD	.22360	.68994	.40371	1.3603	.97039	.17957	.00237	6.2499

#1	.25107	.00208	7.4273	.09269	.00857	85.454	2.8340	.00669
#2	.25028	.00206	7.4699	.09449	.00869	85.672	2.8341	.00731

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01229	222.56	.15499	.10532	2.1471	195.86	3.9254	17.032
Stddev	.00011	.12	.00031	.00008	.0058	4.45	.0262	.068
%RSD	.93579	.05271	.19987	.07882	.26933	2.2724	.66850	.40098

#1	.01237	222.64	.15477	.10538	2.1430	192.71	3.9068	17.080
#2	.01220	222.48	.15521	.10526	2.1512	199.01	3.9439	16.983

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22752	.01850	4.6203	.32425	6.7168	13.026	.03700	-.01938
Stddev	.00124	.00073	.0051	.00158	.1504	.010	.00038	.02417
%RSD	.54672	3.9284	.10965	.48855	2.2394	.08032	1.0387	124.70

#1	.22664	.01798	4.6239	.32537	6.6104	13.019	.03673	-.03648
#2	.22840	.01901	4.6168	.32313	6.8231	13.034	.03727	-.00229

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	98.095	10.151	.33438	1.8663	.15642	12.20	1.3403	
Stddev	.297	.143	.00023	.0167	.00076	.03	.0015	
%RSD	.30312	1.4125	.06894	.89302	.48827	.2632	.11088	

#1	97.885	10.050	.33422	1.8781	.15588	12.17	1.3414	
#2	98.305	10.253	.33454	1.8545	.15696	12.22	1.3393	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3726.4	69590.	5214.7	92.856	3665.5			
Stddev	4.7	68.	10.9	1.870	4.5			
%RSD	.12569	.09714	.20937	2.0143	.12374			

#1	3729.7	69638.	5207.0	94.178	3668.7			
#2	3723.1	69542.	5222.4	91.533	3662.3			

Sample Name: I4493-03 Acquired: 7/28/2017 14:15:57 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19106	.00642	7.5737	.14281	.01614	99.990	1.4774	.00494
Stddev	.00337	.00155	.0342	.00302	.00126	.450	.0042	.00019
%RSD	1.7639	24.165	.45093	2.1117	7.8184	.45000	.28212	3.9373

#1	.19345	.00751	7.5978	.14495	.01703	99.672	1.4745	.00481
#2	.18868	.00532	7.5495	.14068	.01525	100.31	1.4804	.00508

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00683	86.865	.23147	.16459	2.6675	383.02	6.1455	75.680
Stddev	.00045	.036	.00188	.00066	.0104	3.52	.0648	.002
%RSD	6.5793	.04195	.81312	.40208	.38966	.91856	1.0546	.00287

#1	.00651	86.839	.23014	.16505	2.6748	385.51	6.0997	75.678
#2	.00714	86.891	.23281	.16412	2.6601	380.54	6.1914	75.681

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52146	.02690	5.7498	.34560	4.1064	14.255	.00963	-.00503
Stddev	.00157	.00001	.0455	.00204	.0205	.044	.00004	.00172
%RSD	.30063	.02967	.79060	.58917	.50052	.30969	.44458	34.285

#1	.52257	.02689	5.7176	.34416	4.1209	14.224	.00966	-.00625
#2	.52035	.02691	5.7819	.34704	4.0919	14.286	.00960	-.00381

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	16.609	5.9412	2.1448	3.7414	.21131	20.31	.46565	
Stddev	.071	.0595	.0073	.0215	.00006	.06	.00099	
%RSD	.42589	1.0009	.34243	.57581	.02736	.3071	.21230	

#1	16.659	5.8991	2.1500	3.7262	.21135	20.36	.46495	
#2	16.559	5.9832	2.1396	3.7566	.21127	20.27	.46635	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3756.1	69612.	5253.3	90.744	3511.1			
Stddev	12.8	449.	25.4	.437	13.3			
%RSD	.34196	.64536	.48439	.48127	.37799			

#1	3747.0	69930.	5271.3	90.435	3501.7			
#2	3765.2	69294.	5235.3	91.053	3520.5			

Sample Name: CCV03 Acquired: 7/28/2017 14:20:02 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0609	4.9739	4.8975	5.1058	5.0755	10.177	9.9121	.25330	2.4990
Stddev	.1066	.1189	.1014	.1180	.1065	.036	.2613	.00067	.0562
%RSD	2.1061	2.3908	2.0709	2.3100	2.0980	.34977	2.6360	.26510	2.2503

#1	4.9855	4.8898	4.8258	5.0224	5.0002	10.151	9.7273	.25378	2.4592
#2	5.1363	5.0580	4.9692	5.1892	5.1508	10.202	10.097	.25283	2.5388

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.315	1.0008	2.4488	1.2593	4.9252	2.5483	24.833	2.4893	1.2412
Stddev	.898	.0001	.0513	.0270	.2127	.0064	.754	.0536	.0043
%RSD	3.5487	.00524	2.0940	2.1403	4.3181	.25190	3.0381	2.1533	.35005

#1	24.679	1.0008	2.4126	1.2403	4.7748	2.5528	24.299	2.4514	1.2443
#2	25.950	1.0008	2.4851	1.2784	5.0755	2.5437	25.366	2.5272	1.2382

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.961	2.5318	2.4442	25.444	5.0830	5.0568	5.0327	5.0855	4.9972
Stddev	.823	.0091	.0962	.786	.1087	.1648	.1167	.1405	.1119
%RSD	3.2965	.36016	3.9374	3.0897	2.1390	3.2598	2.3185	2.7634	2.2392

#1	24.380	2.5383	2.3761	24.889	5.0061	4.9403	4.9502	4.9861	4.9180
#2	25.543	2.5254	2.5122	26.000	5.1599	5.1734	5.1153	5.1849	5.0763

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	5.0656	5.0573	5.131	4.9935
Stddev	.1877	.1689	.114	.1467
%RSD	3.7053	3.3394	2.219	2.9373

#1	4.9329	4.9379	5.050	4.8898
#2	5.1983	5.1767	5.211	5.0973

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3364.0	61337.	4503.4	91.739	3643.9
Stddev	58.2	239.	111.1	3.256	67.7
%RSD	1.7287	.39017	2.4660	3.5493	1.8567

#1	3405.2	61168.	4582.0	94.042	3691.7
#2	3322.9	61506.	4424.9	89.437	3596.0

Sample Name: CCB03 Acquired: 7/28/2017 14:24:07 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	.00142	.00047	.00181	-.00057	.01048	.00038	-.00004
Stddev	.00121	.00040	.00051	.00042	.00024	.00042	.00012	.00003
%RSD	343.33	28.079	108.39	23.296	41.523	4.0525	31.583	76.485

#1	-.00050	.00114	.00084	.00151	-.00074	.01018	.00046	-.00006
#2	.00120	.00171	.00011	.00211	-.00041	.01078	.00029	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00628	-.00032	.00004	.00069	-.00574	.00014	.03071
Stddev	.00007	.00156	.00007	.00004	.00014	.00255	.00005	.00692
%RSD	226.23	24.837	22.648	120.60	20.050	44.518	35.810	22.543

#1	-.00008	-.00518	-.00037	.00001	.00079	-.00393	.00017	.03561
#2	.00002	-.00739	-.00027	.00007	.00059	-.00754	.00010	.02582

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	-.00015	.03009	-.00047	.00030	.01890	.00194	.01731
Stddev	.00003	.00035	.00749	.00016	.00018	.02852	.00074	.00250
%RSD	8.3069	241.18	24.908	34.795	61.889	150.94	38.047	14.469

#1	.00040	.00010	.02479	-.00059	.00043	.03907	.00246	.01908
#2	.00035	-.00040	.03539	-.00036	.00017	-.00127	.00142	.01554

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00303	.00051	.00092	.00137	.00190	-.0021	-.00007	
Stddev	.00191	.00076	.00068	.00020	.00069	.0003	.00004	
%RSD	62.995	148.81	74.117	14.861	36.550	14.07	55.774	

#1	.00437	-.00003	.00140	.00151	.00239	-.0019	-.00004	
#2	.00168	.00104	.00044	.00122	.00141	-.0023	-.00009	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3522.8	61102.	4570.0	95.156	3854.5			
Stddev	51.5	93.	32.6	2.028	74.4			
%RSD	1.4605	.15199	.71381	2.1308	1.9307			

#1	3486.4	61168.	4593.1	93.723	3801.9			
#2	3559.2	61036.	4546.9	96.590	3907.1			

Sample Name: I4493-04 Acquired: 7/28/2017 14:28:21 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13010	.00477	12.145	.09879	.01092	144.35	2.7842	.00734	.01914
Stddev	.00190	.00146	.002	.00169	.00018	.57	.0053	.00007	.00036
%RSD	1.4628	30.686	.01707	1.7154	1.6580	.39622	.19028	.98512	1.8983

#1	.13145	.00581	12.146	.09759	.01079	143.94	2.7805	.00729	.01940
#2	.12876	.00374	12.143	.09999	.01105	144.75	2.7879	.00739	.01889

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	319.96	.36473	.28817	3.4728	367.00	4.9474	227.25	2.2684	.02721
Stddev	.07	.00214	.00010	.0083	2.47	.0038	.07	.0015	.00022
%RSD	.02182	.58673	.03551	.24050	.67319	.07649	.03081	.06719	.81879

#1	320.01	.36321	.28810	3.4787	365.25	4.9447	227.30	2.2694	.02705
#2	319.91	.36624	.28824	3.4669	368.75	4.9500	227.20	2.2673	.02737

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0019	.43619	5.3089	17.698	.01430	.04948	20.418	3.5097	.68333
Stddev	.0011	.00120	.0565	.074	.00009	.00914	.012	.0227	.00085
%RSD	.02185	.27489	1.0648	.41640	.60434	18.473	.06112	.64637	.12389

#1	5.0011	.43534	5.2689	17.646	.01436	.05595	20.409	3.4936	.68273
#2	5.0027	.43704	5.3489	17.750	.01424	.04302	20.426	3.5257	.68393

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.0870	.25208	14.44	1.4035
Stddev	.0024	.00119	.00	.0011
%RSD	.05997	.47369	.0142	.07727

#1	4.0887	.25123	14.44	1.4027
#2	4.0852	.25292	14.44	1.4042

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3774.8	71858.	5394.1	88.332	3304.4
Stddev	13.9	27.	.1	.743	8.3
%RSD	.36887	.03747	.00206	.84099	.25171

#1	3764.9	71877.	5394.2	88.858	3298.5
#2	3784.6	71838.	5394.1	87.807	3310.3

Sample Name: I4493-05 Acquired: 7/28/2017 14:32:33 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18899	.00418	16.123	.11334	.01497	130.45	4.0100	.00743	.01195
Stddev	.00056	.00127	.093	.00617	.00183	.58	.0559	.00005	.00080
%RSD	.29550	30.382	.57949	5.4457	12.243	.44654	1.3942	.71308	6.6816

#1	.18938	.00507	16.189	.11770	.01626	130.86	4.0496	.00747	.01138
#2	.18859	.00328	16.057	.10897	.01367	130.03	3.9705	.00739	.01251

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	243.88	.36649	.27370	2.2207	365.82	4.5341	249.80	2.4770	.02966
Stddev	2.93	.00227	.00166	.0049	9.70	.0046	2.99	.0155	.00086
%RSD	1.1999	.61819	.60541	.22115	2.6503	.10177	1.1957	.62692	2.9140

#1	245.95	.36809	.27488	2.2242	372.67	4.5308	251.91	2.4880	.03027
#2	241.81	.36489	.27253	2.2173	358.96	4.5374	247.69	2.4660	.02905

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4368	.45670	5.8597	18.067	.02022	.06841	12.285	5.6414	.85484
Stddev	.0855	.00173	.1487	.194	.00002	.00191	.072	.0245	.00568
%RSD	1.3279	.37781	2.5382	1.0743	.11813	2.7944	.58405	.43523	.66441

#1	6.4972	.45792	5.9649	18.204	.02020	.06706	12.336	5.6587	.85886
#2	6.3763	.45548	5.7546	17.930	.02023	.06977	12.234	5.6240	.85083

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	3.6517	.25580	13.50	1.0032
Stddev	.0490	.00374	.08	.0128
%RSD	1.3414	1.4603	.5803	1.2738

#1	3.6863	.25844	13.56	1.0122
#2	3.6170	.25316	13.45	.99416

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3849.6	73270.	5442.4	87.913	3316.9
Stddev	13.6	331.	58.2	2.241	18.6
%RSD	.35264	.45212	1.0690	2.5494	.56194

#1	3840.0	73035.	5401.3	86.329	3303.8
#2	3859.2	73504.	5483.6	89.498	3330.1

Sample Name: I4493-05DUP Acquired: 7/28/2017 14:36:39 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18626	.00403	15.983	.11116	.01192	130.58	3.9095	.00745	.01236
Stddev	.00116	.00250	.096	.00097	.00226	.72	.0002	.00004	.00005
%RSD	.62331	62.151	.59904	.87383	18.959	.54874	.00478	.54843	.37271

#1	.18708	.00226	15.915	.11185	.01032	131.09	3.9096	.00742	.01240
#2	.18544	.00580	16.050	.11047	.01352	130.07	3.9094	.00747	.01233

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	245.68	.36691	.27343	2.1911	362.44	4.5022	247.46	2.4637	.02877
Stddev	.30	.00054	.00118	.0155	1.24	.0010	.67	.0109	.00066
%RSD	.12167	.14831	.43123	.70741	.34080	.02287	.27017	.44127	2.3061

#1	245.47	.36653	.27260	2.1801	361.57	4.5015	246.99	2.4560	.02924
#2	245.89	.36729	.27426	2.2020	363.32	4.5030	247.93	2.4714	.02830

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3020	.45435	5.8436	17.868	.01998	.07564	12.214	6.0123	.84150
Stddev	.0085	.00024	.0379	.027	.00012	.00248	.059	.0616	.00593
%RSD	.13441	.05226	.64863	.14857	.58004	3.2843	.48120	1.0240	.70488

#1	6.2960	.45452	5.8168	17.849	.02006	.07388	12.172	6.0558	.83730
#2	6.3079	.45418	5.8704	17.887	.01990	.07740	12.256	5.9688	.84569

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	3.6285	.25350	13.54	.99356
Stddev	.0206	.00030	.07	.00091
%RSD	.56887	.11818	.5431	.09202

#1	3.6431	.25371	13.49	.99291
#2	3.6139	.25329	13.60	.99420

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3842.2	73236.	5486.1	87.757	3305.2
Stddev	.6	253.	9.5	.145	.5
%RSD	.01620	.34559	.17326	.16514	.01429

#1	3841.8	73057.	5492.9	87.859	3305.6
#2	3842.7	73415.	5479.4	87.654	3304.9

Sample Name: I4493-05LX5 Acquired: 7/28/2017 14:40:45 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04497	.00092	3.2435	.02652	.00192	31.302	.94300	.00185	.00063
Stddev	.00071	.00040	.0230	.00014	.00120	.099	.00594	.00004	.00009
%RSD	1.5716	43.428	.70827	.54455	62.487	.31710	.62988	2.3679	14.302

#1	.04447	.00120	3.2598	.02662	.00277	31.232	.94720	.00188	.00070
#2	.04547	.00064	3.2273	.02641	.00107	31.372	.93880	.00182	.00057

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	60.809	.09234	.05433	.55828	77.661	1.1579	61.360	.49903	.00606
Stddev	.260	.00052	.00038	.00395	.287	.0004	.068	.00389	.00044
%RSD	.42810	.56171	.70841	.70818	.37003	.03065	.11127	.77976	7.2930

#1	60.993	.09271	.05460	.56108	77.458	1.1576	61.408	.50178	.00575
#2	60.624	.09198	.05406	.55549	77.864	1.1581	61.312	.49628	.00637

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5161	.11150	1.2743	4.2450	.00459	.01078	2.4371	1.3443	.16830
Stddev	.0077	.00051	.0102	.0479	.00000	.01449	.0100	.0367	.00222
%RSD	.51011	.46161	.79963	1.1282	.01201	134.39	.41124	2.7280	1.3190

#1	1.5216	.11186	1.2815	4.2789	.00459	.00054	2.4441	1.3702	.16987
#2	1.5106	.11113	1.2671	4.2112	.00459	.02103	2.4300	1.3184	.16673

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.88568	.05969	2.753	.23752
Stddev	.00222	.00052	.022	.00117
%RSD	.25115	.87495	.8105	.49298

#1	.88725	.05932	2.769	.23835
#2	.88411	.06006	2.738	.23669

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3542.7	64362.	4800.3	92.053	3732.6
Stddev	7.4	192.	40.8	.012	.6
%RSD	.20852	.29807	.85036	.01284	.01479

#1	3547.9	64498.	4771.4	92.061	3732.2
#2	3537.5	64226.	4829.2	92.045	3733.0

Sample Name: I4493-05MS Acquired: 7/28/2017 14:44:47 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89611	2.0210	12.563	1.6774	.11501	138.67	3.8747	.18198	.21759
Stddev	.00869	.0222	.108	.0023	.00268	1.16	.0121	.00105	.00254
%RSD	.97018	1.0998	.85784	.13727	2.3334	.83637	.31235	.57426	1.1687

#1	.88996	2.0053	12.487	1.6757	.11311	139.49	3.8832	.18272	.21579
#2	.90226	2.0367	12.640	1.6790	.11691	137.85	3.8661	.18124	.21939

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	179.01	.78590	.50839	1.9350	377.29	5.1078	262.48	3.7857	.10041
Stddev	.00	.00371	.00450	.0141	.73	.0144	.08	.0332	.00032
%RSD	.00252	.47154	.88599	.72967	.19320	.28204	.03043	.87734	.31811

#1	179.01	.78852	.50521	1.9250	377.80	5.1180	262.43	3.7622	.10064
#2	179.01	.78328	.51158	1.9450	376.77	5.0976	262.54	3.8092	.10019

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1308	.70424	5.9531	27.371	.37498	.36324	13.723	7.7803	1.7642
Stddev	.0036	.00420	.0146	.016	.00261	.01187	.118	.0026	.0156
%RSD	.05101	.59704	.24486	.05978	.69505	3.2681	.85832	.03334	.88321

#1	7.1282	.70721	5.9428	27.359	.37314	.37163	13.640	7.7784	1.7532
#2	7.1333	.70127	5.9634	27.383	.37682	.35484	13.807	7.7821	1.7752

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.0503	.44204	18.88	1.2107
Stddev	.0058	.00259	.18	.0048
%RSD	.14395	.58576	.9675	.39720

#1	4.0545	.44387	18.75	1.2141
#2	4.0462	.44021	19.01	1.2073

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3815.9	72411.	5370.3	88.538	3314.1
Stddev	16.0	437.	13.7	.047	22.9
%RSD	.41827	.60354	.25433	.05326	.69151

#1	3827.2	72102.	5379.9	88.571	3330.3
#2	3804.6	72720.	5360.6	88.505	3297.9

Sample Name: I4493-05MSD Acquired: 7/28/2017 14:48:52 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89440	2.0271	12.573	1.6791	.11525	138.43	3.8787	.18093	.21773
Stddev	.00319	.0165	.080	.0113	.00255	.60	.0136	.00015	.00088
%RSD	.35621	.81608	.63236	.67446	2.2166	.43054	.34981	.08392	.40548

#1	.89214	2.0154	12.516	1.6711	.11345	138.85	3.8883	.18104	.21710
#2	.89665	2.0388	12.629	1.6871	.11706	138.01	3.8691	.18083	.21835

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	178.61	.78071	.50918	1.9339	379.01	5.1126	261.45	3.7907	.10063
Stddev	.19	.00041	.00288	.0028	9.89	.0281	.10	.0222	.00216
%RSD	.10443	.05209	.56522	.14371	2.6086	.54959	.03773	.58549	2.1477

#1	178.74	.78042	.50715	1.9359	372.01	5.1325	261.52	3.7750	.09910
#2	178.48	.78100	.51122	1.9320	386.00	5.0927	261.38	3.8064	.10216

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0904	.70484	5.9806	27.267	.37483	.37103	13.762	7.7497	1.7666
Stddev	.0117	.00102	.1755	.039	.00188	.01292	.097	.1042	.0178
%RSD	.16523	.14466	2.9339	.14362	.50176	3.4816	.70301	1.3446	1.0088

#1	7.0987	.70556	5.8565	27.239	.37350	.36190	13.694	7.8234	1.7540
#2	7.0821	.70412	6.1047	27.295	.37616	.38017	13.831	7.6761	1.7792

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.0080	.44071	18.94	1.2054
Stddev	.0002	.00088	.13	.0008
%RSD	.00412	.19868	.6867	.07064

#1	4.0079	.44132	18.85	1.2060
#2	4.0082	.44009	19.04	1.2048

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3817.7	72745.	5391.5	88.235	3310.9
Stddev	2.4	251.	2.2	2.435	12.8
%RSD	.06181	.34469	.04024	2.7598	.38734

#1	3819.4	72567.	5389.9	89.957	3320.0
#2	3816.0	72922.	5393.0	86.513	3301.8

Sample Name: I4493-05A Acquired: 7/28/2017 14:52:56 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91548	2.1789	16.693	1.8081	.74686	128.66	4.0880	.19090	.22644
Stddev	.00530	.0214	.183	.0226	.00533	.04	.0059	.00042	.00219
%RSD	.57849	.98253	1.0943	1.2499	.71425	.03379	.14484	.22039	.96919

#1	.91173	2.1637	16.564	1.7921	.74309	128.69	4.0922	.19061	.22489
#2	.91922	2.1940	16.822	1.8241	.75064	128.63	4.0838	.19120	.22799

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	241.51	.71512	.48615	2.4152	359.26	4.5941	246.39	2.9493	.10046
Stddev	.99	.00066	.00598	.0205	3.97	.0011	.71	.0314	.00025
%RSD	.40804	.09181	1.2299	.84961	1.1044	.02492	.28657	1.0652	.24917

#1	242.21	.71558	.48192	2.4007	356.45	4.5949	246.89	2.9271	.10028
#2	240.82	.71465	.49037	2.4297	362.06	4.5933	245.89	2.9716	.10064

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1871	.72424	5.9159	27.446	.39790	.33954	11.944	6.1572	1.6253
Stddev	.0436	.00414	.0764	.073	.00388	.01476	.133	.0403	.0204
%RSD	.47474	.57141	1.2909	.26544	.97492	4.3466	1.1176	.65479	1.2553

#1	9.2179	.72132	5.8619	27.498	.39516	.32911	11.850	6.1857	1.6109
#2	9.1562	.72717	5.9699	27.395	.40064	.34998	12.039	6.1287	1.6398

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	3.7711	.44263	19.35	1.1649
Stddev	.0170	.00041	.21	.0044
%RSD	.44947	.09312	1.110	.37569

#1	3.7830	.44292	19.20	1.1680
#2	3.7591	.44234	19.50	1.1618

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3853.4	73460.	5434.3	87.879	3325.3
Stddev	18.1	198.	28.3	.789	25.1
%RSD	.46936	.26921	.52037	.89806	.75532

#1	3866.2	73320.	5414.3	88.437	3343.0
#2	3840.7	73599.	5454.3	87.321	3307.5

Sample Name: I4423-01 Acquired: 7/28/2017 14:57:08 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00989	-.00222	.02129	.00316	.02220	15.182	.53401	-.00015
Stddev	.00169	.00120	.00030	.00049	.00054	.039	.00113	.00005
%RSD	17.101	53.853	1.4100	15.509	2.4501	.25511	.21084	33.792

#1	.00870	-.00307	.02150	.00281	.02258	15.210	.53322	-.00019
#2	.01109	-.00138	.02108	.00351	.02181	15.155	.53481	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00525	14.870	.04044	.55469	.15701	2.6624	.05897	.81988
Stddev	.00009	.070	.00030	.00102	.00068	.0196	.00021	.02219
%RSD	1.7970	.46905	.74686	.18331	.43278	.73475	.34865	2.7066

#1	.00532	14.820	.04065	.55540	.15749	2.6486	.05882	.83557
#2	.00519	14.919	.04023	.55397	.15653	2.6763	.05911	.80419

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06657	.00251	2.1535	.00322	F 44.531	.85711	-.00247	.01665
Stddev	.00002	.00039	.0007	.00011	.093	.03304	.00019	.00226
%RSD	.03335	15.690	.03348	3.4167	.20889	3.8550	7.6623	13.600

#1	.06656	.00223	2.1540	.00314	44.465	.88048	-.00234	.01825
#2	.06659	.00279	2.1530	.00330	44.597	.83375	-.00260	.01505

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.065	1.2506	.11876	6.2302	.01424	.4657	.08907
Stddev	.029	.0110	.00044	.0209	.00081	.0025	.00033
%RSD	.29181	.87778	.37449	.33542	5.7113	.5439	.37072

#1	10.086	1.2584	.11845	6.2154	.01481	.4675	.08931
#2	10.044	1.2429	.11907	6.2450	.01366	.4639	.08884

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3508.4	64087.	4816.7	99.436	3956.7
Stddev	15.5	10.	10.8	.334	18.5
%RSD	.44282	.01588	.22416	.33620	.46818

#1	3497.4	64080.	4824.3	99.672	3943.6
#2	3519.4	64095.	4809.1	99.199	3969.8

Sample Name: I4423-02 Acquired: 7/28/2017 15:01:25 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06263	.00918	.70758	.06336	.04574	151.53	32.971	.00295
Stddev	.00181	.00324	.00178	.00667	.00291	.17	.284	.00015
%RSD	2.8869	35.314	.25183	10.521	6.3553	.11035	.86129	5.1086

#1	.06135	.00689	.70632	.05864	.04780	151.41	32.770	.00306
#2	.06391	.01147	.70884	.06807	.04369	151.65	33.171	.00284

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03592	1707.0	.74201	1.3411	2.4646	772.74	9.2692	122.78
Stddev	.00091	5.5	.00370	.0009	.0008	6.67	.0003	.78
%RSD	2.5252	.32042	.49885	.06761	.03167	.86376	.00326	.63235

#1	.03656	1710.9	.73939	1.3405	2.4651	768.02	9.2694	122.23
#2	.03528	1703.1	.74462	1.3418	2.4640	777.46	9.2690	123.33

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98542	.04835	53.332	.20016	F 49.947	49.882	.11363	-.00186
Stddev	.00027	.00002	.225	.00110	.523	.183	.00045	.00938
%RSD	.02741	.03242	.42254	.54855	1.0472	.36694	.39327	504.33

#1	.98561	.04834	53.173	.19939	49.577	49.752	.11395	-.00849
#2	.98523	.04836	53.492	.20094	50.317	50.011	.11331	.00477

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	84.750	15.870	.27661	25.642	.24791	4.636	9.0428	
Stddev	.045	.075	.00340	.015	.00183	.003	.0504	
%RSD	.05276	.47543	1.2305	.05819	.73764	.0601	.55687	

#1	84.719	15.816	.27902	25.631	.24661	4.638	9.0072	
#2	84.782	15.923	.27420	25.652	.24920	4.634	9.0784	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3095.5	61287.	4753.9	78.361	2658.1			
Stddev	5.7	219.	5.3	.283	6.5			
%RSD	.18391	.35770	.11177	.36078	.24390			

#1	3091.4	61132.	4757.6	78.561	2653.5			
#2	3099.5	61442.	4750.1	78.161	2662.7			

Sample Name: I4423-03 Acquired: 7/28/2017 15:06:03 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02040	.01277	.26011	-.12821	.01431	141.97	6.9085	.00253
Stddev	.00022	.00066	.00081	.00197	.00079	.82	.0047	.00000
%RSD	1.0711	5.2056	.31124	1.5349	5.5238	.57750	.06865	.13331

#1	.02025	.01230	.26068	-.12682	.01375	142.55	6.9119	.00254
#2	.02056	.01324	.25954	-.12960	.01487	141.39	6.9052	.00253

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01186	1396.3	.25503	3.8963	2.1813	102.75	4.1778	295.56
Stddev	.00006	3.5	.00019	.0168	.0024	1.05	.0052	.70
%RSD	.47903	.25027	.07514	.43216	.10788	1.0191	.12494	.23579

#1	.01182	1393.9	.25489	3.8844	2.1796	103.49	4.1815	295.07
#2	.01190	1398.8	.25516	3.9082	2.1829	102.01	4.1741	296.05

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16095	.02973	93.767	.06589	39.386	17.476	.00855	.32016
Stddev	.00077	.00013	.049	.00069	.345	.046	.00026	.00961
%RSD	.47578	.42541	.05268	1.0492	.87527	.26264	3.0817	3.0010

#1	.16041	.02964	93.802	.06540	39.630	17.509	.00836	.32696
#2	.16149	.02982	93.732	.06638	39.143	17.444	.00874	.31337

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	F 389.44	2.0192	.27354	7.7238	.30187	3.680	3.7617	
Stddev	1.27	.0081	.00017	.0209	.00107	.019	.0022	
%RSD	.32538	.40356	.06097	.27031	.35451	.5236	.05920	

#1	388.55	2.0135	.27342	7.7386	.30263	3.666	3.7602	
#2	390.34	2.0250	.27366	7.7091	.30112	3.693	3.7633	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3126.1	59953.	4666.4	85.272	3126.2			
Stddev	13.5	433.	5.6	.983	5.9			
%RSD	.43218	.72214	.11930	1.1527	.18969			

#1	3116.6	59647.	4662.4	84.577	3122.0			
#2	3135.7	60259.	4670.3	85.967	3130.3			

Sample Name: CCV04 Acquired: 7/28/2017 15:10:31 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9393	4.8855	4.7772	4.9790	4.9807	10.173	9.7483	.24903	2.4409
Stddev	.0076	.0223	.0112	.0190	.0118	.036	.0284	.00033	.0111
%RSD	.15385	.45685	.23417	.38098	.23793	.35332	.29139	.13155	.45526

#1	4.9447	4.9012	4.7851	4.9924	4.9890	10.147	9.7282	.24880	2.4488
#2	4.9339	4.8697	4.7693	4.9656	4.9723	10.198	9.7684	.24926	2.4330

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.588	.97533	2.4022	1.2296	4.8173	2.5089	23.998	2.4366	1.2214
Stddev	.140	.00235	.0101	.0101	.1546	.0014	.131	.0125	.0021
%RSD	.57108	.24048	.42029	.82115	3.2101	.05766	.54508	.51427	.17079

#1	24.488	.97367	2.4093	1.2368	4.7080	2.5079	23.905	2.4455	1.2199
#2	24.687	.97699	2.3950	1.2225	4.9267	2.5100	24.090	2.4278	1.2228

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.504	2.4900	2.3960	24.957	4.9908	4.9468	4.9751	4.9228	4.9126
Stddev	.212	.0041	.0448	.219	.0221	.0659	.0019	.0362	.0186
%RSD	.86376	.16571	1.8698	.87785	.44289	1.3333	.03865	.73517	.37784

#1	24.354	2.4870	2.3643	24.802	5.0064	4.9001	4.9737	4.8972	4.9258
#2	24.653	2.4929	2.4276	25.112	4.9752	4.9934	4.9765	4.9484	4.8995

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.9174	4.9780	5.020	4.9501
Stddev	.0524	.0487	.027	.0544
%RSD	1.0649	.97806	.5289	1.1000

#1	4.8804	4.9435	5.039	4.9116
#2	4.9544	5.0124	5.001	4.9886

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3419.4	62335.	4676.1	94.392	3697.3
Stddev	5.9	16.	27.9	1.827	9.3
%RSD	.17120	.02637	.59630	1.9352	.25219

#1	3415.3	62324.	4695.8	95.683	3690.7
#2	3423.6	62347.	4656.4	93.100	3703.9

Sample Name: CCB04 Acquired: 7/28/2017 15:18:46 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	-.00008	-.00053	.00056	-.00136	-.00063	.00114	-.00003
Stddev	.00030	.00154	.00013	.00012	.00206	.00015	.00020	.00004
%RSD	22.351	2054.7	24.039	20.924	151.49	23.832	17.170	128.82

#1	.00154	.00102	-.00062	.00047	-.00281	-.00074	.00127	.00000
#2	.00112	-.00117	-.00044	.00064	.00010	-.00053	.00100	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00489	-.00052	.00020	.00067	.02849	.00063	.01429
Stddev	.00010	.00270	.00042	.00010	.00035	.00645	.00001	.01342
%RSD	148.47	55.092	79.258	47.514	53.021	22.639	1.6164	93.885

#1	-.00014	-.00299	-.00082	.00013	.00092	.03305	.00063	.00480
#2	.00000	-.00680	-.00023	.00027	.00042	.02393	.00062	.02378

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	-.00024	.00621	-.00056	.01718	.01130	.00068	.01040
Stddev	.00025	.00001	.00265	.00027	.00176	.00779	.00008	.00265
%RSD	33.016	5.2352	42.711	49.300	10.235	68.902	12.100	25.432

#1	.00057	-.00025	.00434	-.00036	.01843	.01681	.00062	.00853
#2	.00092	-.00024	.00809	-.00075	.01594	.00580	.00074	.01228

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00864	.00179	-.00079	.00218	.00125	-.0025	-.00007	
Stddev	.00154	.00058	.00048	.00190	.00028	.0008	.00009	
%RSD	17.850	32.546	61.055	87.301	22.344	29.86	137.05	

#1	.00973	.00138	-.00113	.00083	.00145	-.0020	.00000	
#2	.00755	.00220	-.00045	.00352	.00105	-.0031	-.00013	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3507.2	61807.	4614.0	96.368	3847.5			
Stddev	4.0	222.	19.4	1.434	3.5			
%RSD	.11519	.35919	.42081	1.4881	.09212			

#1	3504.3	61650.	4600.3	95.354	3845.0			
#2	3510.0	61964.	4627.7	97.382	3850.0			

Sample Name: I4423-04 Acquired: 7/28/2017 15:23:01 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.00992	.06513	-.22732	.00562	84.149	.43509	.00049
Stddev	.00106	.00081	.00010	.00208	.00128	.046	.00033	.00005
%RSD	406.69	8.1308	.15454	.91655	22.809	.05453	.07610	9.2136

#1	.00101	.01049	.06520	-.22584	.00472	84.117	.43485	.00046
#2	-.00049	.00935	.06506	-.22879	.00653	84.182	.43532	.00052

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00466	2007.0	.62907	3.0198	.10739	15.903	1.5250	136.94
Stddev	.00011	.2	.00485	.0108	.00037	.086	.0075	.15
%RSD	2.2822	.00804	.77118	.35616	.34371	.53796	.49420	.10725

#1	.00473	2006.9	.62564	3.0274	.10765	15.963	1.5196	136.84
#2	.00458	2007.1	.63250	3.0122	.10713	15.842	1.5303	137.05

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38184	.01902	3.0373	.02663	3.1763	4.6801	.01917	-.02241
Stddev	.00197	.00028	.0010	.00007	.0116	.0277	.00000	.00407
%RSD	.51470	1.4861	.03377	.24871	.36508	.59275	.01342	18.164

#1	.38323	.01922	3.0366	.02667	3.1845	4.6997	.01917	-.01953
#2	.38045	.01882	3.0381	.02658	3.1681	4.6604	.01917	-.02529

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	11.540	4.7873	1.0445	22.834	.06456	3.063	1.4875	
Stddev	.065	.0089	.0023	.039	.00167	.022	.0035	
%RSD	.56170	.18530	.22135	.16962	2.5846	.7061	.23242	

#1	11.585	4.7810	1.0461	22.862	.06574	3.078	1.4899	
#2	11.494	4.7936	1.0428	22.807	.06338	3.048	1.4850	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	2930.6	56829.	4462.7	84.368	3120.4			
Stddev	21.6	118.	8.4	.543	20.6			
%RSD	.73711	.20749	.18771	.64402	.66107			

#1	2915.3	56912.	4456.8	83.984	3105.8			
#2	2945.8	56746.	4468.7	84.753	3135.0			

Sample Name: I4482-01 Acquired: 7/28/2017 15:27:00 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38191	-.00806	4.3726	.08852	.01566	125.59	1.4935	.00562
Stddev	.00140	.00077	.0293	.00953	.00192	.59	.0079	.00029
%RSD	.36639	9.5287	.67065	10.765	12.245	.46924	.53088	5.2326

#1	.38290	-.00752	4.3933	.09525	.01701	125.17	1.4991	.00541
#2	.38092	-.00860	4.3519	.08178	.01430	126.01	1.4879	.00583

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01050	584.64	.49027	.13278	1.4174	407.23	3.1514	98.014
Stddev	.00098	.29	.00274	.00073	.0000	11.93	.0139	.760
%RSD	9.3704	.04998	.55839	.54746	.00219	2.9292	.44070	.77490

#1	.00980	584.43	.49221	.13329	1.4174	415.66	3.1416	98.551
#2	.01120	584.84	.48833	.13226	1.4174	398.79	3.1612	97.477

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45411	.02650	7.8229	1.4011	2.5228	9.7779	.02988	.66453
Stddev	.00334	.00138	.0127	.0012	.0759	.0073	.00004	.01761
%RSD	.73551	5.2244	.16271	.08644	3.0065	.07474	.11877	2.6502

#1	.45647	.02748	7.8319	1.4020	2.5764	9.7727	.02986	.67698
#2	.45175	.02553	7.8139	1.4003	2.4692	9.7830	.02991	.65208

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	27.726	1.3889	.16586	8.4653	.13416	6.715	2.8450	
Stddev	.214	.0073	.00175	.0178	.00113	.048	.0078	
%RSD	.77289	.52776	1.0574	.21064	.84295	.7188	.27579	

#1	27.878	1.3940	.16710	8.4779	.13336	6.749	2.8505	
#2	27.575	1.3837	.16462	8.4527	.13496	6.681	2.8394	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3598.0	68411.	5211.0	90.037	3305.8			
Stddev	19.6	33.	44.6	2.775	26.8			
%RSD	.54571	.04765	.85615	3.0825	.81173			

#1	3584.1	68434.	5179.5	88.074	3286.8			
#2	3611.8	68388.	5242.5	91.999	3324.8			

Sample Name: I4488-01 Acquired: 7/28/2017 15:31:13 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06196	.00030	.45150	.15096	.00551	154.43	1.3721	.00383	.00182
Stddev	.00091	.00099	.00142	.00023	.00022	.03	.0112	.00021	.00019
%RSD	1.4690	326.83	.31561	.15459	3.9721	.01871	.81440	5.5736	10.621

#1	.06260	-.00040	.45049	.15112	.00566	154.45	1.3800	.00368	.00169
#2	.06132	.00100	.45251	.15079	.00535	154.41	1.3642	.00398	.00196

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	86.895	.13334	.21667	.64279	433.22	4.3034	69.695	.31893	.03086
Stddev	.519	.00000	.00026	.00220	1.21	.0051	.339	.00018	.00068
%RSD	.59680	.00085	.12114	.34229	.27925	.11921	.48677	.05555	2.1926

#1	87.261	.13334	.21648	.64123	434.08	4.3071	69.935	.31880	.03134
#2	86.528	.13334	.21685	.64434	432.37	4.2998	69.455	.31905	.03038

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.960	.61045	.85935	7.1369	.00558	.69302	5.4203	2.4887	.03936
Stddev	.090	.00139	.00315	.0596	.00018	.00710	.0076	.0007	.00040
%RSD	.69556	.22751	.36599	.83509	3.2441	1.0241	.14075	.02781	1.0171

#1	13.024	.60946	.86158	7.1791	.00571	.69804	5.4257	2.4882	.03907
#2	12.896	.61143	.85713	7.0948	.00545	.68800	5.4149	2.4892	.03964

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.2719	.13985	8.813	.26701
Stddev	.0096	.00090	.005	.00168
%RSD	.22394	.64127	.0541	.63102

#1	4.2786	.14049	8.817	.26820
#2	4.2651	.13922	8.810	.26582

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4302.1	80278.	6096.2	91.310	3471.2
Stddev	2.2	7.	54.8	.491	5.5
%RSD	.05192	.00892	.89941	.53823	.15910

#1	4300.5	80273.	6057.5	90.962	3467.3
#2	4303.7	80283.	6135.0	91.657	3475.1

Sample Name: I4488-04 Acquired: 7/28/2017 15:35:27 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03525	.00204	.31732	.08590	.00391	112.09	.78506	.00542
Stddev	.00047	.00091	.00119	.00081	.00103	.45	.00517	.00007
%RSD	1.3309	44.503	.37480	.94577	26.312	.40456	.65862	1.3448

#1	.03558	.00269	.31816	.08647	.00318	112.41	.78140	.00537
#2	.03492	.00140	.31648	.08532	.00463	111.76	.78871	.00547

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	27.913	.15704	.12109	.36198	245.86	5.7162	48.159
Stddev	.00021	.088	.00066	.00022	.00378	2.94	.0090	.294
%RSD	62.837	.31437	.41894	.18355	1.0434	1.1941	.15779	.61133

#1	.00018	27.851	.15750	.12093	.35931	247.93	5.7098	47.951
#2	.00048	27.975	.15657	.12125	.36465	243.78	5.7226	48.367

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24788	.01712	8.3586	.28635	.75983	14.722	.00206	-.01234
Stddev	.00007	.00089	.0543	.00009	.00428	.114	.00008	.00730
%RSD	.02974	5.1793	.64956	.03214	.56276	.77521	3.7210	59.155

#1	.24793	.01775	8.3202	.28628	.76286	14.642	.00201	-.00718
#2	.24783	.01649	8.3970	.28641	.75681	14.803	.00212	-.01750

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	1.0426	2.8964	.01891	1.8016	.20257	6.904	.12912	
Stddev	.0019	.0509	.00059	.0046	.00062	.001	.00087	
%RSD	.18019	1.7587	3.1040	.25305	.30746	.0092	.67762	

#1	1.0412	2.8604	.01932	1.7984	.20213	6.904	.12850	
#2	1.0439	2.9325	.01849	1.8049	.20301	6.903	.12974	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4228.7	77437.	5758.4	93.593	3664.7			
Stddev	1.2	241.	44.5	.724	2.2			
%RSD	.02874	.31072	.77270	.77391	.06116			

#1	4227.9	77267.	5789.9	93.081	3666.3			
#2	4229.6	77607.	5726.9	94.105	3663.2			

Sample Name: I4488-07 Acquired: 7/28/2017 15:39:34 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04533	-.00012	.26256	.08952	.00283	114.34	.50717	.00372
Stddev	.00127	.00042	.00142	.00129	.00159	.15	.00154	.00014
%RSD	2.7961	361.46	.53961	1.4421	56.134	.13218	.30316	3.7803

#1	.04443	.00018	.26156	.08860	.00395	114.44	.50826	.00363
#2	.04622	-.00041	.26356	.09043	.00171	114.23	.50609	.00382

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	103.59	.17613	.14000	.33464	276.39	3.5798	62.174
Stddev	.00038	.12	.00073	.00038	.00310	4.28	.0102	.081
%RSD	36.713	.11308	.41528	.27242	.92558	1.5487	.28381	.13051

#1	.00130	103.51	.17562	.14027	.33683	273.36	3.5726	62.117
#2	.00076	103.67	.17665	.13973	.33245	279.42	3.5869	62.232

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23927	.01857	11.146	.37432	.71124	17.602	.00208	.05003
Stddev	.00092	.00093	.020	.00135	.00994	.001	.00004	.00528
%RSD	.38429	5.0167	.17619	.36014	1.3969	.00663	1.8737	10.560

#1	.23992	.01791	11.132	.37528	.70422	17.603	.00210	.04629
#2	.23862	.01923	11.160	.37337	.71827	17.601	.00205	.05376

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	5.4498	2.5719	.03072	6.0690	.17448	6.865	.23388	
Stddev	.0061	.0109	.00053	.0234	.00093	.008	.00041	
%RSD	.11184	.42296	1.7350	.38502	.53260	.1165	.17543	

#1	5.4541	2.5642	.03034	6.0525	.17382	6.871	.23359	
#2	5.4455	2.5795	.03110	6.0856	.17514	6.859	.23417	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4180.3	77418.	5798.3	91.837	3545.8			
Stddev	8.9	171.	11.3	1.137	9.3			
%RSD	.21384	.22084	.19412	1.2382	.26225			

#1	4173.9	77297.	5790.3	92.641	3539.3			
#2	4186.6	77539.	5806.2	91.032	3552.4			

Sample Name: I4488-10 Acquired: 7/28/2017 15:43:39 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03949	-.00160	.66716	.08305	.00062	167.97	1.0879	.00823
Stddev	.00022	.00011	.00194	.00203	.00083	2.62	.0032	.00021
%RSD	.56294	6.9277	.29102	2.4458	132.44	1.5611	.28984	2.5042

#1	.03965	-.00152	.66854	.08449	.00121	169.83	1.0902	.00838
#2	.03933	-.00168	.66579	.08161	.00004	166.12	1.0857	.00809

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	24.369	.15480	.09152	.21881	210.53	3.6310	27.311
Stddev	.00028	.032	.00258	.00051	.00244	2.43	.0713	.143
%RSD	83.963	.12941	1.6691	.56003	1.1158	1.1523	1.9649	.52398

#1	-.00014	24.392	.15663	.09188	.22054	208.81	3.6815	27.210
#2	-.00054	24.347	.15297	.09115	.21709	212.24	3.5806	27.412

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23109	.01738	3.4697	.26269	.71965	5.2920	.00162	.04971
Stddev	.00122	.00024	.0114	.00298	.01312	.0137	.00026	.00683
%RSD	.52879	1.3702	.32839	1.1345	1.8235	.25880	16.334	13.735

#1	.23195	.01722	3.4617	.26479	.71037	5.3017	.00143	.04488
#2	.23022	.01755	3.4778	.26058	.72893	5.2823	.00181	.05453

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	4.4655	3.2976	.02224	.67958	.12476	10.43	.11388	
Stddev	.0273	.0884	.00012	.00180	.00021	.06	.00027	
%RSD	.61191	2.6801	.55353	.26414	.17216	.5713	.23705	

#1	4.4848	3.3601	.02233	.67831	.12492	10.47	.11408	
#2	4.4462	3.2351	.02216	.68085	.12461	10.39	.11369	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5240.8	96785.	7268.5	96.871	3800.2			
Stddev	32.7	1107.	39.7	1.562	24.5			
%RSD	.62448	1.1436	.54641	1.6119	.64557			

#1	5217.6	96003.	7296.5	97.975	3782.9			
#2	5263.9	97568.	7240.4	95.767	3817.6			

Sample Name: I4488-13 Acquired: 7/28/2017 15:47:51 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03974	.00799	.31834	.09884	.00240	128.65	.84527	.00688
Stddev	.00131	.00197	.00349	.00203	.00054	.41	.00131	.00004
%RSD	3.2998	24.671	1.0970	2.0506	22.515	.31596	.15461	.53992

#1	.03881	.00938	.31587	.09740	.00279	128.36	.84435	.00690
#2	.04067	.00659	.32081	.10027	.00202	128.93	.84620	.00685

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	35.651	.18810	.13664	.55184	287.86	6.6696	58.587
Stddev	.00043	.021	.00049	.00003	.00074	4.16	.0475	.062
%RSD	38.641	.06008	.25989	.02091	.13336	1.4461	.71186	.10624

#1	.00142	35.636	.18776	.13666	.55236	284.92	6.6360	58.631
#2	.00081	35.667	.18845	.13662	.55132	290.81	6.7031	58.543

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30745	.02026	8.6049	.27961	.92715	18.892	.00264	-.00997
Stddev	.00113	.00116	.0326	.00171	.01449	.015	.00013	.01531
%RSD	.36811	5.7160	.37867	.61094	1.5626	.07984	4.7855	153.56

#1	.30664	.01944	8.5819	.27841	.91690	18.881	.00256	-.02079
#2	.30825	.02108	8.6280	.28082	.93739	18.902	.00273	.00086

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.56768	1.8322	.01652	1.7569	.26464	6.675	.10692	
Stddev	.00327	.0329	.00059	.0119	.00261	.008	.00042	
%RSD	.57549	1.7949	3.5668	.67660	.98710	.1187	.39268	

#1	.56537	1.8554	.01611	1.7653	.26280	6.669	.10662	
#2	.56999	1.8089	.01694	1.7485	.26649	6.680	.10721	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4276.5	78870.	5875.9	93.357	3594.4			
Stddev	1.3	78.	10.9	1.261	1.9			
%RSD	.03156	.09897	.18603	1.3512	.05153			

#1	4275.5	78925.	5868.2	94.249	3593.1			
#2	4277.4	78815.	5883.7	92.465	3595.7			

Sample Name: I4490-01 Acquired: 7/28/2017 15:51:59 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01609	-.00286	.04992	.02625	.00039	16.021	.03907	.00019
Stddev	.00030	.00028	.00083	.00056	.00020	.138	.00008	.00002
%RSD	1.8369	9.7645	1.6690	2.1295	50.040	.85843	.20851	9.6125

#1	.01630	-.00305	.04933	.02586	.00026	16.119	.03913	.00021
#2	.01588	-.00266	.05050	.02665	.00053	15.924	.03901	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00106	.49532	.06174	.00114	.02639	64.776	.02520	.19104
Stddev	.00014	.00497	.00018	.00021	.00086	1.267	.00006	.01199
%RSD	13.097	1.0032	.29417	18.935	3.2665	1.9564	.23703	6.2744

#1	-.00116	.49181	.06187	.00098	.02578	65.672	.02524	.18257
#2	-.00096	.49884	.06161	.00129	.02700	63.880	.02516	.19952

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00252	.00553	.13775	.05603	.02909	1.7498	.00448	-.03178
Stddev	.00034	.00007	.00456	.00045	.00049	.0065	.00002	.00888
%RSD	13.543	1.2783	3.3071	.80487	1.6956	.37105	.37941	27.941

#1	.00228	.00548	.14097	.05635	.02944	1.7544	.00447	-.02550
#2	.00276	.00558	.13452	.05572	.02874	1.7452	.00449	-.03806

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.38771	4.8629	.00846	.99601	-.00123	.2346	.00666	
Stddev	.00491	.0461	.00019	.00065	.00108	.0018	.00012	
%RSD	1.2676	.94853	2.2290	.06484	87.532	.7808	1.8273	

#1	.38424	4.8303	.00859	.99646	-.00047	.2333	.00658	
#2	.39119	4.8955	.00832	.99555	-.00199	.2359	.00675	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3704.3	66652.	4972.8	97.016	3845.7			
Stddev	5.7	128.	6.1	1.725	10.5			
%RSD	.15267	.19241	.12191	1.7778	.27201			

#1	3708.3	66562.	4968.5	95.797	3853.1			
#2	3700.3	66743.	4977.0	98.236	3838.3			

Sample Name: I4491-01 Acquired: 7/28/2017 15:56:07 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01909	-.00259	.05682	.03232	.00078	17.504	.04041	.00030
Stddev	.00110	.00112	.00074	.00138	.00049	.010	.00087	.00003
%RSD	5.7498	43.039	1.3041	4.2665	63.227	.05520	2.1518	9.8484

#1	.01987	-.00180	.05630	.03135	.00043	17.511	.03980	.00032
#2	.01832	-.00338	.05735	.03330	.00113	17.497	.04103	.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	.43452	.06532	.00118	.02912	75.388	.02680	.20650
Stddev	.00006	.01059	.00005	.00001	.00071	.277	.00010	.01559
%RSD	5.1903	2.4371	.07155	1.1711	2.4529	.36789	.36991	7.5509

#1	-.00108	.44201	.06536	.00119	.02862	75.584	.02673	.19547
#2	-.00116	.42704	.06529	.00117	.02963	75.192	.02687	.21753

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00199	.00598	.11002	.06053	.02084	1.8456	.00442	-.04651
Stddev	.00009	.00041	.00189	.00044	.00023	.0176	.00019	.00289
%RSD	4.3439	6.8532	1.7188	.72932	1.0893	.95657	4.2973	6.2087

#1	.00193	.00627	.11135	.06022	.02100	1.8331	.00429	-.04447
#2	.00205	.00569	.10868	.06085	.02068	1.8581	.00456	-.04855

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.42982	6.1112	.00828	.94615	-.00116	.2306	.00765	
Stddev	.00040	.0686	.00039	.00323	.00080	.0005	.00015	
%RSD	.09301	1.1229	4.6940	.34089	68.764	.2374	1.9222	

#1	.43011	6.0627	.00856	.94387	-.00059	.2302	.00776	
#2	.42954	6.1598	.00801	.94843	-.00172	.2310	.00755	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3689.8	65743.	4908.6	96.376	3831.7			
Stddev	11.9	26.	12.8	.702	16.2			
%RSD	.32169	.04004	.26124	.72827	.42184			

#1	3681.4	65724.	4899.6	95.879	3820.3			
#2	3698.2	65761.	4917.7	96.872	3843.2			

Sample Name: I4492-01 Acquired: 7/28/2017 16:00:16 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02142	-.00058	.05871	.03332	.00106	14.729	.03443	.00025
Stddev	.00103	.00155	.00024	.00130	.00105	.001	.00010	.00000
%RSD	4.8142	266.15	.40756	3.9038	98.924	.00525	.28369	1.8801

#1	.02215	-.00168	.05888	.03424	.00032	14.730	.03450	.00025
#2	.02069	.00051	.05854	.03240	.00180	14.729	.03436	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00135	.49898	.10229	.00117	.03340	85.996	.02615	.17051
Stddev	.00001	.00572	.00090	.00020	.00014	.269	.00002	.00185
%RSD	.63014	1.1468	.87775	17.299	.41605	.31305	.07049	1.0855

#1	-.00134	.49493	.10293	.00102	.03350	85.806	.02614	.16920
#2	-.00135	.50303	.10166	.00131	.03330	86.186	.02616	.17182

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00210	.00612	.09965	.07019	.03517	1.4934	.00533	-.04826
Stddev	.00002	.00010	.00217	.00005	.00020	.0009	.00007	.00452
%RSD	.75350	1.5679	2.1750	.07219	.58070	.06228	1.2471	9.3680

#1	.00209	.00605	.09812	.07022	.03503	1.4940	.00528	-.04506
#2	.00211	.00618	.10119	.07015	.03532	1.4927	.00537	-.05146

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.48687	4.6755	.00710	.98936	-.00271	.2967	.00575	
Stddev	.00261	.0422	.00058	.01162	.00223	.0007	.00007	
%RSD	.53538	.90335	8.1432	1.1744	82.209	.2458	1.2903	

#1	.48871	4.6456	.00670	.99758	-.00113	.2962	.00580	
#2	.48502	4.7053	.00751	.98115	-.00429	.2972	.00570	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3702.0	66277.	4937.7	95.692	3856.6			
Stddev	7.1	255.	13.3	.283	3.3			
%RSD	.19258	.38505	.26863	.29625	.08652			

#1	3696.9	66097.	4928.3	95.892	3854.2			
#2	3707.0	66458.	4947.1	95.491	3858.9			

Sample Name: CCV05 Acquired: 7/28/2017 16:04:25 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9572	4.8879	4.7942	4.9916	4.9731	10.063	9.5895	.25052	2.4544
Stddev	.0098	.0223	.0180	.0067	.0116	.032	.1359	.00004	.0088
%RSD	.19736	.45663	.37475	.13387	.23273	.32000	1.4176	.01576	.35702

#1	4.9503	4.8721	4.7815	4.9869	4.9649	10.040	9.4933	.25055	2.4482
#2	4.9642	4.9036	4.8069	4.9963	4.9813	10.085	9.6856	.25049	2.4606

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.421	.98963	2.4024	1.2319	4.8732	2.5342	24.040	2.4452	1.2303
Stddev	.277	.00385	.0098	.0051	.1878	.0027	.331	.0069	.0005
%RSD	1.1341	.38914	.40601	.41292	3.8533	.10562	1.3778	.28208	.03846

#1	24.225	.99236	2.3955	1.2283	5.0060	2.5361	23.806	2.4403	1.2300
#2	24.617	.98691	2.4092	1.2355	4.7404	2.5323	24.274	2.4501	1.2307

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.382	2.5162	2.4241	24.747	5.0045	4.8514	4.9310	4.9506	4.9048
Stddev	.372	.0065	.0984	.366	.0253	.0799	.0024	.0412	.0165
%RSD	1.5268	.26007	4.0594	1.4810	.50637	1.6468	.04822	.83198	.33697

#1	24.119	2.5208	2.4936	24.488	4.9865	4.7949	4.9327	4.9215	4.8931
#2	24.645	2.5116	2.3545	25.006	5.0224	4.9079	4.9294	4.9797	4.9165

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8816	4.9060	5.025	4.9328
Stddev	.0701	.0589	.007	.0990
%RSD	1.4358	1.2010	.1436	2.0069

#1	4.8320	4.8643	5.020	4.8628
#2	4.9311	4.9477	5.030	5.0028

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3419.3	61764.	4627.6	92.101	3703.8
Stddev	8.1	217.	39.2	3.795	4.2
%RSD	.23637	.35074	.84628	4.1208	.11419

#1	3425.0	61610.	4655.3	89.417	3706.8
#2	3413.6	61917.	4599.9	94.785	3700.8

Sample Name: CCB05 Acquired: 7/28/2017 16:08:30 Type: Unk

Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000

User: JASWAL Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	.00176	-.00026	.00165	.00053	.00845	-.00016	-.00005
Stddev	.00231	.00085	.00134	.00010	.00096	.00138	.00075	.00001
%RSD	842.38	48.356	517.94	5.9356	181.08	16.397	465.00	19.294

#1	.00191	.00116	.00069	.00172	-.00015	.00942	-.00069	-.00005
#2	-.00136	.00237	-.00120	.00158	.00121	.00747	.00037	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00354	-.00063	.00022	.00050	.02486	.00050	.03257
Stddev	.00006	.00270	.00033	.00026	.00033	.00060	.00002	.00269
%RSD	74.901	76.176	51.377	117.21	67.234	2.4042	4.0881	8.2536

#1	-.00012	-.00163	-.00086	.00041	.00073	.02444	.00051	.03447
#2	-.00004	-.00545	-.00040	.00004	.00026	.02528	.00049	.03067

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	.00063	-.01015	-.00039	.00221	-.00211	.00243	.00905
Stddev	.00048	.00029	.01094	.00046	.00005	.00185	.00048	.00307
%RSD	57.269	46.282	107.76	119.09	2.3142	87.372	19.937	33.882

#1	.00050	.00084	-.00242	-.00072	.00225	-.00342	.00277	.00688
#2	.00119	.00042	-.01789	-.00006	.00217	-.00081	.00209	.01122

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00176	.00194	.00057	.00161	.00005	-.0029	-.00006	
Stddev	.00151	.00260	.00003	.00051	.00191	.0006	.00002	
%RSD	86.094	133.78	5.6331	31.655	3913.4	20.01	28.440	

#1	.00283	.00011	.00055	.00125	-.00130	-.0033	-.00007	
#2	.00069	.00378	.00059	.00198	.00140	-.0025	-.00005	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3471.2	61209.	4523.5	93.086	3807.7			
Stddev	4.8	174.	2.2	1.663	10.7			
%RSD	.13814	.28359	.04768	1.7869	.28169			

#1	3474.6	61086.	4522.0	94.262	3815.3			
#2	3467.8	61331.	4525.0	91.910	3800.1			

Sample Name: PB101043BL Acquired: 7/28/2017 16:12:45 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00114	.00145	-.00067	.00028	-.00002	.00619	.00046	-.00007
Stddev	.00066	.00141	.00018	.00421	.00091	.00610	.00043	.00010
%RSD	58.404	96.949	26.652	1497.0	5076.8	98.512	93.817	147.83

#1	.00160	.00046	-.00079	-.00270	-.00066	.01051	.00076	-.00013
#2	.00067	.00245	-.00054	.00326	.00062	.00188	.00015	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.01931	-.00080	.00015	.00033	.01098	.00033	.01257
Stddev	.00004	.01114	.00004	.00002	.00001	.00090	.00004	.00347
%RSD	93.678	57.675	4.9588	10.998	2.7153	8.1541	13.291	27.630

#1	-.00007	-.01143	-.00083	.00014	.00034	.01035	.00030	.01502
#2	-.00001	-.02718	-.00078	.00016	.00033	.01162	.00036	.01011

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	.00026	-.01403	-.00012	.00145	-.00358	.00027	.00039
Stddev	.00006	.00024	.00257	.00023	.00010	.05150	.00007	.00281
%RSD	10.415	92.158	18.305	191.26	7.0183	1439.1	23.950	721.88

#1	.00065	.00009	-.01221	.00004	.00152	.03284	.00032	-.00160
#2	.00056	.00042	-.01584	-.00028	.00138	-.04000	.00023	.00238

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00087	.00212	-.00057	-.00101	.00103	-.0017	.00008	
Stddev	.00346	.00198	.00044	.00328	.00029	.0001	.00007	
%RSD	399.24	93.537	77.552	325.31	28.145	3.700	81.824	

#1	-.00331	.00352	-.00088	-.00333	.00083	-.0016	.00013	
#2	.00158	.00072	-.00026	.00131	.00124	-.0017	.00004	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3454.3	61242.	4496.9	94.641	3787.4			
Stddev	5.3	78.	9.9	.906	10.6			
%RSD	.15231	.12725	.21962	.95771	.27915			

#1	3450.6	61297.	4489.9	94.000	3779.9			
#2	3458.1	61187.	4503.9	95.282	3794.8			

Sample Name: PB101043BS Acquired: 7/28/2017 16:16:59 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87897	2.0746	1.0409	2.1700	.87569	2.2331	.22450	.22400
Stddev	.00428	.0033	.0009	.0006	.00218	.0098	.00122	.00094
%RSD	.48650	.15853	.08483	.02889	.24888	.43895	.54423	.41815

#1	.87595	2.0723	1.0403	2.1704	.87415	2.2400	.22536	.22467
#2	.88200	2.0770	1.0416	2.1695	.87723	2.2262	.22363	.22334

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21825	1.1490	.45409	.21641	.34537	3.2265	.23373	2.2907
Stddev	.00068	.0000	.00309	.00018	.00112	.0709	.00068	.0020
%RSD	.30966	.00243	.68149	.08141	.32366	2.1973	.28942	.08780

#1	.21777	1.1490	.45628	.21628	.34458	3.1763	.23420	2.2893
#2	.21873	1.1490	.45190	.21653	.34616	3.2766	.23325	2.2922

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55101	.07896	3.4201	.34006	.21865	11.373	.45001	.35010
Stddev	.00082	.00016	.0093	.00114	.00129	.038	.00062	.00526
%RSD	.14869	.20861	.27286	.33660	.59008	.33624	.13795	1.5024

#1	.55043	.07907	3.4135	.34087	.21773	11.400	.44957	.35382
#2	.55159	.07884	3.4267	.33925	.21956	11.345	.45045	.34638

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	F .00011	1.0404	.76979	.22666	.21994	6.032	.21017	
Stddev	.00154	.0036	.00172	.00095	.00074	.026	.00040	
%RSD	1413.1	.34721	.22342	.42076	.33499	.4251	.19093	

#1	.00120	1.0429	.76857	.22733	.21942	6.014	.21046	
#2	-.00098	1.0378	.77101	.22599	.22046	6.050	.20989	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3477.8	61791.	4525.0	96.344	3911.0			
Stddev	.6	366.	8.5	.487	5.1			
%RSD	.01664	.59277	.18768	.50570	.12990			

#1	3478.3	61532.	4519.0	96.688	3914.6			
#2	3477.4	62050.	4531.0	95.999	3907.4			

Sample Name: CR 50PPM Acquired: 7/28/2017 16:20:59 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01577	.00000	-.01497	-.00104	.24447	.03258	-.00019	-.00019
Stddev	.00184	.0020	.00038	.00137	.00163	.00405	.00017	.00000
%RSD	11.698	175050.	2.5481	131.77	.66810	12.435	92.203	.85729

#1	.01447	.00143	-.01524	-.00007	.24331	.03545	-.00006	-.00019
#2	.01708	-.00144	-.01470	-.00200	.24562	.02972	-.00031	-.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	-.00248	49.345	.00234	-.00011	.06255	.00440	.04230
Stddev	.00000	.00215	.023	.00005	.00028	.00724	.00007	.00021
%RSD	.43782	86.472	.04600	2.2177	262.59	11.582	1.6533	.48816

#1	.00061	-.00097	49.329	.00237	.00009	.06768	.00445	.04216
#2	.00060	-.00400	49.361	.00230	-.00031	.05743	.00435	.04245

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00618	.00013	-.02629	-.02062	.00124	.02711	.00349	.01725
Stddev	.00034	.00003	.00650	.00075	.00002	.01888	.00023	.00835
%RSD	5.5400	24.239	24.712	3.6280	1.6008	69.649	6.5765	48.414

#1	.00642	.00015	-.02169	-.02009	.00123	.01376	.00332	.01134
#2	.00594	.00010	-.03088	-.02115	.00125	.04046	.00365	.02315

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00460	.25756	-.00357	-.00397	-.00332	-.0019	.00036	
Stddev	.00157	.00099	.00017	.00193	.00019	.0001	.00006	
%RSD	34.064	.38599	4.8526	48.643	5.8015	4.173	15.921	

#1	.00571	.25826	-.00369	-.00534	-.00345	-.0018	.00040	
#2	.00349	.25685	-.00345	-.00261	-.00318	-.0020	.00032	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	2959.9	61805.	4592.8	98.650	3984.2			
Stddev	16.7	101.	21.8	.078	7.9			
%RSD	.56422	.16407	.47484	.07928	.19826			

#1	2971.7	61733.	4577.4	98.595	3989.8			
#2	2948.1	61877.	4608.2	98.705	3978.6			

Sample Name: CR 75PPM Acquired: 7/28/2017 16:25:19 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02365	-.00096	-.02338	.00219	.54831	.02666	-.00095	-.00026
Stddev	.00154	.00020	.00094	.00132	.03005	.00402	.00046	.00004
%RSD	6.5083	20.755	4.0229	60.407	5.4807	15.065	48.711	14.687

#1	.02257	-.00110	-.02404	.00125	.56956	.02382	-.00063	-.00023
#2	.02474	-.00082	-.02271	.00312	.52706	.02950	-.00128	-.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	.00896	72.011	.00334	-.00007	.07725	.00649	.02485
Stddev	.00006	.00814	.000	.00015	.00085	.00520	.00004	.00522
%RSD	5.9231	90.873	.00021	4.3640	1137.1	6.7254	.56698	20.991

#1	.00111	.00320	72.011	.00345	.00053	.07358	.00647	.02116
#2	.00102	.01471	72.010	.00324	-.00067	.08093	.00652	.02854

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00846	.00013	-.00106	-.03781	.00124	-.00112	.00586	.02552
Stddev	.00015	.00025	.01034	.00036	.00007	.00343	.00019	.00898
%RSD	1.7182	186.56	976.67	.95741	5.2545	305.58	3.2166	35.187

#1	.00836	-.00004	.00625	-.03755	.00120	.00130	.00573	.01917
#2	.00857	.00031	-.00837	-.03807	.00129	-.00355	.00600	.03187

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00536	.35642	-.00453	-.00660	-.00127	-.0014	.00051	
Stddev	.00051	.00270	.00012	.00089	.00020	.0003	.00002	
%RSD	9.5574	.75781	2.6810	13.485	15.892	20.90	3.4026	

#1	.00572	.35451	-.00444	-.00723	-.00112	-.0016	.00053	
#2	.00500	.35832	-.00461	-.00597	-.00141	-.0012	.00050	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	2638.9	61597.	4571.2	97.281	3946.2			
Stddev	51.1	192.	26.8	1.769	48.8			
%RSD	1.9381	.31225	.58537	1.8183	1.2370			

#1	2602.8	61461.	4552.2	98.532	3911.6			
#2	2675.1	61733.	4590.1	96.030	3980.7			

Sample Name: CR 100PPM Acquired: 7/28/2017 16:29:40 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02615	-.00115	-.03047	.00055	.95942	.03541	.00019	-.00043
Stddev	.00276	.00078	.00048	.00165	.01364	.00287	.00034	.00001
%RSD	10.545	67.642	1.5837	300.42	1.4217	8.1143	182.24	1.7198

#1	.02420	-.00060	-.03081	.00171	.96906	.03338	-.00005	-.00042
#2	.02810	-.00170	-.03013	-.00062	.94977	.03744	.00042	-.00043

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	.00215	F 91.428	.00427	.00064	.09387	.00838	.01995
Stddev	.00004	.00075	1.052	.00015	.00046	.00241	.00020	.01857
%RSD	2.4980	35.057	1.1504	3.4351	71.347	2.5691	2.4238	93.073

#1	.00140	.00161	90.684	.00438	.00032	.09558	.00823	.03308
#2	.00146	.00268	92.172	.00417	.00096	.09217	.00852	.00682

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01090	.00012	-.01530	-.05580	.00171	.00527	.00843	.02200
Stddev	.00022	.00105	.00988	.00184	.00013	.01144	.00018	.00385
%RSD	2.0459	845.16	64.567	3.3052	7.5426	217.01	2.0841	17.512

#1	.01105	-.00062	-.00832	-.05710	.00180	-.00282	.00855	.01928
#2	.01074	.00087	-.02229	-.05449	.00162	.01336	.00831	.02473

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00640	.42998	-.00650	-.00721	-.00264	-.0029	.00073	
Stddev	.00005	.01396	.00008	.00122	.00015	.0010	.00006	
%RSD	.80295	3.2466	1.2055	16.937	5.7869	36.07	8.2062	

#1	.00644	.42011	-.00656	-.00807	-.00253	-.0036	.00077	
#2	.00636	.43985	-.00645	-.00634	-.00274	-.0021	.00068	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	2402.1	62667.	4594.5	98.030	3982.0			
Stddev	1.1	219.	46.2	1.350	.1			
%RSD	.04379	.34939	1.0049	1.3771	.00184			

#1	2402.8	62822.	4561.9	97.075	3982.0			
#2	2401.3	62512.	4627.1	98.984	3981.9			

Sample Name: FE 500PPN Acquired: 7/28/2017 16:33:58 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00273	.01423	.11480	.15449	.01048	-.01149	.00224	-.00017
Stddev	.00133	.00117	.00417	.00322	.00118	.00256	.00063	.00007
%RSD	48.641	8.2192	3.6297	2.0826	11.295	22.259	28.334	41.723

#1	-.00179	.01340	.11185	.15222	.01131	-.01330	.00269	-.00022
#2	-.00367	.01506	.11775	.15677	.00964	-.00968	.00179	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00322	1.1141	-.00689	-.00016	.06305	464.25	-.01522	.03303
Stddev	.00054	.0153	.00019	.00003	.00274	7.47	.00020	.03805
%RSD	16.762	1.3741	2.7304	19.061	4.3527	1.6085	1.3443	115.18

#1	-.00284	1.1033	-.00702	-.00019	.06499	458.97	-.01537	.05993
#2	-.00360	1.1250	-.00676	-.00014	.06111	469.53	-.01508	.00613

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00288	.02635	.05443	.00410	.00320	.10673	-.00259	-.31094
Stddev	.00056	.00130	.00789	.00016	.00019	.02475	.00008	.01768
%RSD	19.464	4.9502	14.501	3.8163	6.0934	23.192	3.2186	5.6860

#1	.00248	.02543	.06001	.00399	.00306	.08923	-.00253	-.32345
#2	.00328	.02728	.04885	.00422	.00334	.12424	-.00265	-.29844

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.01048	.00832	.00143	.00328	-.00141	-.0016	.00018	
Stddev	.00043	.00490	.00021	.00042	.00096	.0004	.00006	
%RSD	4.0680	58.952	14.459	12.756	68.129	26.40	32.805	

#1	-.01079	.00485	.00157	.00299	-.00209	-.0019	.00022	
#2	-.01018	.01178	.00128	.00358	-.00073	-.0013	.00013	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3435.7	61626.	4497.3	91.958	3512.2			
Stddev	5.7	59.	59.1	1.720	3.5			
%RSD	.16672	.09614	1.3150	1.8702	.09826			

#1	3439.8	61584.	4539.1	93.174	3514.7			
#2	3431.7	61668.	4455.5	90.742	3509.8			

Sample Name: FE 900PPM Acquired: 7/28/2017 16:42:17 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01017	.01931	.21134	.27802	.02012	-.01794	.00242	.00064
Stddev	.00384	.00146	.00727	.02047	.00008	.01374	.00013	.00048
%RSD	37.743	7.5702	3.4377	7.3610	.42194	76.570	5.5791	74.874

#1	-.01288	.01827	.20620	.26355	.02018	-.02766	.00251	.00098
#2	-.00745	.02034	.21648	.29249	.02006	-.00823	.00232	.00030

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00820	2.1630	-.01283	.00024	.14720	857.97	-.03035	.04063
Stddev	.00408	.0838	.00009	.00027	.01569	38.79	.00078	.01839
%RSD	49.726	3.8729	.72756	112.52	10.657	4.5215	2.5706	45.257

#1	.01108	2.1038	-.01290	.00043	.15829	830.54	-.03090	.02763
#2	.00531	2.2223	-.01277	.00005	.13611	885.40	-.02980	.05363

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01469	.04407	.14770	.00852	.01221	.18548	-.00468	-.61128
Stddev	.00073	.00533	.00989	.00008	.00209	.00084	.00007	.02457
%RSD	4.9414	12.105	6.6946	.96047	17.111	.45497	1.4936	4.0198

#1	.01418	.04030	.14071	.00857	.01368	.18488	-.00463	-.59391
#2	.01521	.04785	.15469	.00846	.01073	.18608	-.00473	-.62866

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.02337	.00807	.00382	.00259	-.00079	.0001	.00003	
Stddev	.00046	.00210	.00092	.00035	.00085	.0016	.00001	
%RSD	1.9702	26.013	24.152	13.342	107.98	2955.	46.807	

#1	-.02370	.00659	.00447	.00235	-.00138	-.0011	.00004	
#2	-.02304	.00956	.00316	.00284	-.00019	.0012	.00002	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3415.9	61849.	4568.1	91.366	3237.9			
Stddev	1.5	152.	79.3	1.871	3.6			
%RSD	.04303	.24533	1.7353	2.0475	.11044			

#1	3416.9	61957.	4624.1	92.689	3235.4			
#2	3414.9	61742.	4512.0	90.043	3240.4			

Sample Name: PB101056BL Acquired: 7/28/2017 16:46:26 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	.00100	.00012	.00359	-.00063	.00777	-.00087	-.00007
Stddev	.00270	.00139	.00011	.00403	.00068	.00580	.00077	.00004
%RSD	250.45	138.27	86.574	112.14	108.27	74.699	88.177	55.656

#1	-.00083	.00002	.00020	.00644	-.00111	.01187	-.00141	-.00010
#2	.00299	.00198	.00005	.00074	-.00015	.00366	-.00033	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	-.01011	-.00022	-.00003	-.00116	F 1.7601	-.00019	.00849
Stddev	.00031	.01149	.00010	.00011	.00134	2.0818	.00002	.02173
%RSD	119.39	113.64	43.459	419.06	115.63	118.28	9.9338	255.85

#1	-.00048	-.00199	-.00029	.00005	-.00210	3.2322	-.00018	.02385
#2	-.00004	-.01824	-.00015	-.00010	-.00021	.28806	-.00021	-.00687

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	.00020	-.02140	-.00067	-.00061	.03568	.00006	-.00437
Stddev	.00013	.00017	.01499	.00014	.00041	.00984	.00024	.00292
%RSD	21.649	84.596	70.048	20.382	67.748	27.588	408.53	66.763

#1	.00071	.00033	-.03200	-.00076	-.00090	.04264	.00022	-.00643
#2	.00052	.00008	-.01080	-.00057	-.00032	.02872	-.00011	-.00231

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00098	-.01610	-.00160	.00266	-.00488	-.0024	.00009	
Stddev	.00199	.01465	.00021	.00229	.00190	.0003	.00007	
%RSD	202.75	91.041	13.241	85.955	39.029	14.35	77.749	

#1	.00043	-.02646	-.00145	.00428	-.00622	-.0027	.00004	
#2	-.00239	-.00573	-.00176	.00104	-.00353	-.0022	.00014	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3518.4	61932.	5411.1	113.04	3842.5			
Stddev	.0	161.	865.8	19.87	1.6			
%RSD	.00012	.25930	16.001	17.576	.04141			

#1	3518.4	61819.	6023.4	127.09	3841.4			
#2	3518.4	62046.	4798.9	98.993	3843.7			

Sample Name: FE 700PPM Acquired: 7/28/2017 16:57:24 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00477	.02143	.16772	.22838	.01664	-.01554	.00323	.00008
Stddev	.00073	.00105	.00076	.00153	.00021	.00186	.00013	.00008
%RSD	15.231	4.8792	.45530	.66819	1.2812	11.986	4.1604	102.98

#1	-.00528	.02069	.16826	.22946	.01680	-.01422	.00333	.00002
#2	-.00425	.02217	.16718	.22730	.01649	-.01686	.00314	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00188	1.5802	-.00992	.00001	.09194	679.95	-.02249	.05781
Stddev	.00040	.0132	.00031	.00005	.00314	.39	.00022	.00209
%RSD	21.426	.83607	3.0931	360.02	3.4197	.05682	.98342	3.6110

#1	-.00216	1.5709	-.00971	.00005	.08972	680.22	-.02264	.05929
#2	-.00160	1.5896	-.01014	-.00002	.09417	679.67	-.02233	.05634

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00829	.03730	.10873	.00677	.00581	.14644	.00045	-.45358
Stddev	.00042	.00016	.00268	.00018	.00076	.00872	.00101	.00127
%RSD	5.0812	.43085	2.4666	2.7076	13.101	5.9545	225.70	.28024

#1	.00859	.03742	.10683	.00690	.00635	.15260	.00116	-.45448
#2	.00799	.03719	.11063	.00664	.00528	.14027	-.00027	-.45268

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.01664	.00986	.00347	.00029	.00013	-.0008	.00051	
Stddev	.00307	.00009	.00070	.00037	.00137	.0004	.00031	
%RSD	18.473	.92847	20.099	130.47	1046.1	42.95	61.178	

#1	-.01881	.00993	.00396	.00002	.00110	-.0011	.00074	
#2	-.01447	.00980	.00298	.00055	-.00084	-.0006	.00029	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3465.0	62549.	4527.4	90.739	3418.4			
Stddev	19.9	3.	34.9	.543	11.5			
%RSD	.57570	.00464	.76997	.59888	.33648			

#1	3479.1	62551.	4502.7	90.355	3426.5			
#2	3450.9	62547.	4552.0	91.123	3410.2			

Sample Name: PB101056BS Acquired: 7/28/2017 17:07:42 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80464	1.9826	.99651	1.8183	.80997	2.1571	.21837	.20727
Stddev	.00055	.0018	.00099	.0010	.00351	.0149	.00045	.00085
%RSD	.06886	.08858	.09956	.05312	.43346	.68848	.20529	.40829

#1	.80503	1.9838	.99721	1.8190	.81245	2.1676	.21868	.20787
#2	.80424	1.9813	.99581	1.8176	.80748	2.1466	.21805	.20667

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20621	1.1427	.44098	.20971	.32988	3.1920	.22674	2.2090
Stddev	.00047	.0155	.00087	.00090	.00089	.0726	.00067	.0075
%RSD	.22551	1.3578	.19774	.42844	.27009	2.2750	.29659	.33850

#1	.20589	1.1536	.44160	.20908	.32925	3.1406	.22721	2.2142
#2	.20654	1.1317	.44037	.21035	.33051	3.2433	.22626	2.2037

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53101	.07619	3.3418	.32964	.20610	11.063	.43752	.34322
Stddev	.00102	.00142	.0157	.00011	.00472	.011	.00007	.00687
%RSD	.19212	1.8574	.46955	.03413	2.2909	.10046	.01517	2.0010

#1	.53029	.07719	3.3307	.32972	.20276	11.055	.43747	.34808
#2	.53173	.07519	3.3529	.32956	.20943	11.071	.43757	.33836

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	F .61391	.93808	.73415	.21915	.21483	5.471	.20346	
Stddev	.00119	.00168	.00191	.00136	.00237	.002	.00032	
%RSD	.19320	.17947	.26035	.62027	1.1035	.0272	.15675	

#1	.61475	.93927	.73280	.22011	.21315	5.470	.20369	
#2	.61307	.93689	.73550	.21819	.21651	5.472	.20324	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3557.8	63422.	4602.1	97.289	4015.7			
Stddev	5.9	449.	10.5	2.156	1.2			
%RSD	.16633	.70733	.22755	2.2162	.02927			

#1	3553.6	63104.	4594.7	98.814	4014.8			
#2	3562.0	63739.	4609.5	95.764	4016.5			

Sample Name: CCV06 Acquired: 7/28/2017 17:11:32 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9259	4.8842	4.7973	4.9591	4.9395	9.9929	9.6876	.24804	2.4576
Stddev	.0034	.0080	.0050	.0046	.0060	.0051	.0049	.00026	.0025
%RSD	.06806	.16413	.10418	.09372	.12135	.05087	.05062	.10622	.10151

#1	4.9282	4.8786	4.7938	4.9558	4.9437	9.9965	9.6910	.24822	2.4559
#2	4.9235	4.8899	4.8008	4.9624	4.9353	9.9893	9.6841	.24785	2.4594

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.771	.98469	2.4042	1.2277	4.9265	2.5165	24.275	2.4473	1.2136
Stddev	.018	.00054	.0042	.0014	.0171	.0028	.036	.0032	.0001
%RSD	.07084	.05462	.17429	.11729	.34802	.11014	.14845	.12984	.00720

#1	24.784	.98507	2.4013	1.2288	4.9144	2.5185	24.300	2.4450	1.2137
#2	24.759	.98431	2.4072	1.2267	4.9386	2.5145	24.249	2.4495	1.2135

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.710	2.4983	2.4470	25.009	4.9825	4.9154	4.9056	4.9967	4.9045
Stddev	.092	.0038	.0085	.124	.0111	.0077	.0107	.0193	.0035
%RSD	.37355	.15171	.34583	.49619	.22254	.15640	.21888	.38716	.07183

#1	24.775	2.5009	2.4410	25.097	4.9747	4.9099	4.8980	5.0104	4.9020
#2	24.645	2.4956	2.4530	24.921	4.9904	4.9208	4.9132	4.9830	4.9070

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.9391	4.9434	5.026	4.9287
Stddev	.0168	.0150	.001	.0592
%RSD	.34032	.30435	.0112	1.2019

#1	4.9510	4.9541	5.026	4.9706
#2	4.9272	4.9328	5.025	4.8868

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3435.8	62224.	4561.0	90.875	3705.6
Stddev	3.4	64.	25.6	.139	4.7
%RSD	.09983	.10255	.56051	.15268	.12557

#1	3433.4	62179.	4542.9	90.973	3702.3
#2	3438.2	62269.	4579.1	90.777	3708.9

Sample Name: LLCCV02 Acquired: 7/28/2017 17:19:51 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01974	.03830	.01045	.02100	.04878	.11561	.09634	.00603	.00596
Stddev	.00056	.00145	.00020	.00089	.00034	.00215	.00040	.00001	.00004
%RSD	2.8390	3.7755	1.9321	4.2195	.69361	1.8631	.41670	.10927	.64334

#1	.02013	.03932	.01059	.02037	.04854	.11408	.09606	.00603	.00598
#2	.01934	.03727	.01031	.02162	.04902	.11713	.09663	.00602	.00593

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9444	.00956	.02863	.02067	.11515	.02068	1.9962	.04020	.00989
Stddev	.0000	.00035	.00026	.00009	.00603	.00023	.0095	.00022	.00014
%RSD	.00044	3.6470	.90481	.44159	5.2328	1.1313	.47625	.54115	1.4435

#1	1.9444	.00980	.02845	.02074	.11089	.02085	2.0029	.04005	.00999
#2	1.9444	.00931	.02882	.02061	.11941	.02052	1.9895	.04036	.00979

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9538	.03930	.03890	1.9995	.20861	.09892	.01707	.37743	.03934
Stddev	.0141	.00005	.00004	.0043	.00063	.00998	.00071	.00180	.00013
%RSD	.72256	.11938	.09274	.21698	.30278	10.093	4.1462	.47579	.33611

#1	1.9637	.03926	.03892	2.0026	.20906	.10598	.01657	.37616	.03944
#2	1.9438	.03933	.03887	1.9965	.20816	.09186	.01757	.37870	.03925

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.03924	.01769	.0165	.02034
Stddev	.00127	.00065	.0003	.00021
%RSD	3.2447	3.6554	1.690	1.0553

#1	.03834	.01723	.0163	.02018
#2	.04014	.01814	.0167	.02049

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3532.3	62368.	4589.3	94.451	3906.5
Stddev	7.9	120.	1.3	.500	5.6
%RSD	.22415	.19304	.02838	.52973	.14390

#1	3526.7	62282.	4588.4	94.097	3902.6
#2	3537.9	62453.	4590.3	94.805	3910.5

Sample Name: CCB06 Acquired: 7/28/2017 17:24:03 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	-.00019	-.00142	.00203	.00079	.01011	.00016	-.00002
Stddev	.00047	.00014	.00069	.00221	.00143	.00105	.00030	.00005
%RSD	80.743	72.321	48.281	108.97	180.98	10.416	183.08	264.28

#1	.00092	-.00028	-.00093	.00046	-.00022	.01085	.00038	.00002
#2	.00025	-.00009	-.00190	.00359	.00180	.00936	-.00005	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.01840	-.00044	.00015	-.00073	.01169	-.00013	.03675
Stddev	.00003	.00435	.00013	.00002	.00013	.00869	.00008	.00775
%RSD	47.868	23.665	30.153	15.701	18.083	74.326	61.094	21.083

#1	-.00009	-.02148	-.00035	.00013	-.00082	.01783	-.00018	.04223
#2	-.00005	-.01532	-.00054	.00016	-.00064	.00555	-.00007	.03127

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	.00034	-.02354	-.00060	-.00065	.01138	.00044	.00008
Stddev	.00006	.00067	.00542	.00014	.00002	.05044	.00020	.00553
%RSD	12.935	199.60	23.007	22.694	2.6564	443.32	44.650	6665.8

#1	.00045	.00081	-.01971	-.00050	-.00066	-.02429	.00058	.00399
#2	.00054	-.00014	-.02737	-.00069	-.00064	.04705	.00030	-.00382

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00037	-.00112	-.00133	.00178	-.00256	-.0014	-.00008	
Stddev	.00122	.00092	.00001	.00166	.00196	.0001	.00005	
%RSD	328.56	81.723	.96014	93.363	76.529	6.683	59.205	

#1	.00049	-.00047	-.00134	.00295	-.00118	-.0014	-.00012	
#2	-.00123	-.00177	-.00132	.00060	-.00395	-.0015	-.00005	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3510.4	62141.	4565.7	94.799	3829.2			
Stddev	.5	12.	8.9	.103	2.0			
%RSD	.01406	.01894	.19591	.10906	.05101			

#1	3510.0	62150.	4559.4	94.726	3830.6			
#2	3510.7	62133.	4572.0	94.872	3827.8			

Sample Name: PB101056TB Acquired: 7/28/2017 17:28:18 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00385	-.00337	-.00196	.00609	.00143	.00271	-.00005	-.00026
Stddev	.00194	.00037	.00006	.00148	.00068	.00176	.00081	.00001
%RSD	50.347	10.996	2.9734	24.218	47.376	64.784	1500.4	5.4361

#1	-.00248	-.00311	-.00200	.00714	.00191	.00395	-.00063	-.00025
#2	-.00522	-.00363	-.00192	.00505	.00095	.00147	.00052	-.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	-.00226	.00031	-.00045	-.00073	.00270	-.00015	.02118
Stddev	.00002	.01194	.00006	.00010	.00007	.00356	.00003	.03087
%RSD	10.837	529.13	19.540	21.533	9.6599	132.10	21.145	145.77

#1	-.00018	-.01070	.00027	-.00051	-.00078	.00522	-.00012	.04301
#2	-.00021	.00619	.00036	-.00038	-.00068	.00018	-.00017	-.00065

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00242	-.00006	F 328.53	-.00032	-.00001	.03643	.00032	.00752
Stddev	.00005	.00035	2.59	.00001	.00004	.01736	.00012	.00011
%RSD	1.9256	585.81	.78717	2.8231	313.74	47.648	35.985	1.4039

#1	.00239	-.00031	326.70	-.00032	-.00004	.04870	.00024	.00744
#2	.00245	.00019	330.35	-.00033	.00001	.02416	.00040	.00759

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00513	.00117	.00101	.00111	-.00028	-.0006	-.00002	
Stddev	.00190	.00162	.00022	.00000	.00204	.0001	.00005	
%RSD	37.086	139.15	21.522	.30642	739.67	20.21	300.34	

#1	.00378	.00232	.00085	.00111	-.00172	-.0005	.00002	
#2	.00647	.00002	.00116	.00111	.00117	-.0006	-.00005	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3424.3	63173.	4507.7	94.144	3834.9			
Stddev	9.8	218.	2.8	.524	19.4			
%RSD	.28744	.34496	.06235	.55706	.50685			

#1	3417.4	63019.	4505.7	94.514	3821.2			
#2	3431.3	63327.	4509.7	93.773	3848.7			

Sample Name: I4436-02 Acquired: 7/28/2017 17:32:39 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA5828 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00179	-.00381	.00040	-.00132	-.00057	.10241	.17394	.00073
Stddev	.00084	.00058	.00090	.00123	.00036	.01037	.00144	.00001
%RSD	46.971	15.291	223.54	93.568	62.306	10.127	.82663	1.6798

#1	-.00120	-.00340	-.00023	-.00045	-.00083	.10974	.17496	.00072
#2	-.00239	-.00422	.00104	-.00219	-.00032	.09508	.17292	.00074

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00404	54.876	.00411	.01550	.09632	.02152	.32504	8.5321
Stddev	.00004	.203	.00010	.00034	.00047	.00326	.00135	.0028
%RSD	1.1009	.36925	2.3696	2.1735	.49111	15.130	.41436	.03289

#1	.00401	55.019	.00404	.01574	.09599	.01922	.32409	8.5301
#2	.00408	54.732	.00418	.01527	.09666	.02382	.32599	8.5341

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01135	.00030	339.94	.00403	6.5433	9.6443	.00024	.18263
Stddev	.00031	.00020	.46	.00000	.1168	.0529	.00005	.00799
%RSD	2.7057	66.547	.13401	.00608	1.7845	.54797	22.325	4.3760

#1	.01157	.00044	340.26	.00403	6.6258	9.6816	.00028	.18828
#2	.01113	.00016	339.62	.00403	6.4607	9.6069	.00021	.17698

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	7.3626	2.2124	.00096	.00019	.01335	.3308	.26458	
Stddev	.0141	.0138	.00035	.00149	.00069	.0009	.00117	
%RSD	.19150	.62161	35.986	799.31	5.1783	.2845	.44394	

#1	7.3526	2.2027	.00121	.00124	.01384	.3301	.26541	
#2	7.3726	2.2222	.00072	-.00087	.01286	.3315	.26374	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3386.2	63155.	4615.7	97.526	3808.9			
Stddev	3.7	124.	20.5	1.916	.1			
%RSD	.10888	.19585	.44414	1.9645	.00287			

#1	3383.6	63067.	4601.2	96.172	3809.0			
#2	3388.8	63242.	4630.2	98.881	3808.9			

Sample Name: I4475-01 Acquired: 7/28/2017 17:36:55 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB5828 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00377	-.00243	.09921	-.00208	-.00045	.02850	.36940	-.00024
Stddev	.00021	.00047	.00007	.00113	.00029	.00094	.00087	.00005
%RSD	5.6924	19.186	.07248	54.210	64.148	3.2841	.23580	20.035

#1	.00362	-.00276	.09916	-.00288	-.00066	.02784	.36879	-.00028
#2	.00393	-.00210	.09926	-.00128	-.00025	.02916	.37002	-.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00321	62.698	.00107	-.00003	.02229	.00033	.07238	1.7018
Stddev	.00003	.101	.00053	.00013	.00060	.00287	.00018	.0400
%RSD	.96332	.16125	49.805	524.86	2.6821	858.95	.25542	2.3478

#1	.00319	62.627	.00144	.00007	.02187	-.00169	.07225	1.6736
#2	.00323	62.770	.00069	-.00012	.02272	.00236	.07251	1.7301

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00728	-.00018	306.86	.00096	1.5264	1.8599	.00003	.05292
Stddev	.00023	.00009	2.19	.00045	.0424	.0033	.00000	.00680
%RSD	3.1383	50.771	.71282	46.236	2.7796	.17698	7.7011	12.850

#1	.00711	-.00025	305.31	.00065	1.5564	1.8622	.00003	.04811
#2	.00744	-.00012	308.40	.00128	1.4964	1.8576	.00003	.05773

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.39695	.85616	-.00033	-.00011	.00779	.3757	.17700	
Stddev	.00233	.00372	.00042	.00046	.00023	.0002	.00001	
%RSD	.58795	.43423	126.88	407.26	2.9429	.0443	.00726	

#1	.39530	.85879	-.00003	-.00044	.00795	.3758	.17699	
#2	.39860	.85353	-.00064	.00021	.00763	.3756	.17701	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3379.2	62314.	4515.2	94.290	3789.5			
Stddev	7.6	199.	13.6	2.833	18.1			
%RSD	.22382	.31975	.30125	3.0045	.47694			

#1	3373.9	62173.	4524.8	92.287	3776.7			
#2	3384.6	62455.	4505.5	96.294	3802.3			

Sample Name: I4475-02 Acquired: 7/28/2017 17:41:14 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV11468 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00398	-.00355	.10220	-.01138	-.00290	-.02501	.25583	-.00025
Stddev	.00173	.00024	.00038	.00039	.00090	.00306	.00124	.00001
%RSD	43.479	6.6689	.37475	3.4703	30.909	12.214	.48649	3.4793

#1	.00276	-.00372	.10193	-.01110	-.00354	-.02285	.25671	-.00025
#2	.00521	-.00339	.10247	-.01165	-.00227	-.02717	.25495	-.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00127	144.61	.00159	.00024	.01509	-.00700	.13164	1.7276
Stddev	.00008	.31	.00044	.00011	.00050	.00272	.00035	.0131
%RSD	6.1465	.21274	27.400	46.619	3.3413	38.912	.26907	.76048

#1	.00133	144.83	.00128	.00032	.01544	-.00507	.13139	1.7369
#2	.00122	144.39	.00190	.00016	.01473	-.00893	.13189	1.7184

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00837	.00044	354.14	.00065	.66754	3.2299	.00018	.04721
Stddev	.00023	.00044	2.84	.00013	.00166	.0136	.00003	.00442
%RSD	2.7334	99.267	.80181	20.749	.24803	.41952	14.407	9.3543

#1	.00821	.00013	356.15	.00074	.66871	3.2395	.00020	.05033
#2	.00853	.00075	352.14	.00055	.66637	3.2203	.00016	.04408

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.83911	1.0165	-.00034	-.00237	.01539	.5287	.39152	
Stddev	.00086	.0074	.00037	.00041	.00069	.0011	.00033	
%RSD	.10199	.72533	109.42	17.197	4.4518	.2125	.08302	

#1	.83850	1.0113	-.00008	-.00266	.01588	.5279	.39175	
#2	.83971	1.0218	-.00061	-.00208	.01491	.5295	.39129	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3316.8	61471.	4446.3	91.550	3713.9			
Stddev	.2	232.	9.9	.502	9.1			
%RSD	.00507	.37708	.22359	.54780	.24450			

#1	3316.9	61307.	4439.2	91.195	3707.5			
#2	3316.7	61635.	4453.3	91.904	3720.3			

Sample Name: I4475-03 Acquired: 7/28/2017 17:45:30 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB11468 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00132	-.00370	.02416	.00443	.00106	.11214	.24854	-.00021
Stddev	.00179	.00034	.00102	.00126	.00089	.00153	.00102	.00002
%RSD	135.42	9.1311	4.2196	28.431	83.691	1.3663	.40845	9.3705

#1	-.00259	-.00393	.02488	.00532	.00169	.11106	.24782	-.00020
#2	-.00006	-.00346	.02343	.00354	.00043	.11322	.24926	-.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	8.2632	.00083	.00264	.02830	.07178	.20806	.53809
Stddev	.00001	.0207	.00015	.00019	.00067	.00702	.00061	.02017
%RSD	2.1662	.25046	17.777	7.1152	2.3496	9.7812	.29459	3.7484

#1	.00064	8.2486	.00093	.00278	.02877	.06682	.20849	.52383
#2	.00066	8.2778	.00072	.00251	.02783	.07675	.20762	.55235

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00586	.00000	320.88	.00200	.41153	2.5910	.00018	.02263
Stddev	.00016	.00020	1.25	.00011	.00402	.0162	.00009	.00034
%RSD	2.7253	4594.2	.38864	5.6326	.97676	.62404	50.027	1.5188

#1	.00597	.00015	321.76	.00192	.41437	2.5796	.00012	.02287
#2	.00574	-.00014	320.00	.00208	.40869	2.6025	.00025	.02239

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.63310	.37528	.00027	.00686	.00923	.6990	.03983	
Stddev	.00929	.00177	.00021	.00056	.00125	.0101	.00016	
%RSD	1.4675	.47130	77.827	8.1044	13.560	1.444	.40993	

#1	.63967	.37403	.00012	.00726	.00835	.7062	.03972	
#2	.62653	.37653	.00042	.00647	.01012	.6919	.03995	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3404.4	62838.	4541.1	96.190	3867.4			
Stddev	69.0	434.	14.1	1.000	72.3			
%RSD	2.0260	.69013	.31091	1.0399	1.8699			

#1	3355.6	62531.	4551.0	95.483	3816.2			
#2	3453.1	63145.	4531.1	96.898	3918.5			

Sample Name: I4475-04 Acquired: 7/28/2017 17:49:45 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	-.00343	.02819	.00171	-.00170	.10212	.22293	-.00026
Stddev	.00037	.00069	.00036	.00017	.00026	.00441	.00231	.00002
%RSD	56.903	20.180	1.2802	10.233	15.576	4.3151	1.0355	8.9948

#1	-.00092	-.00294	.02793	.00158	-.00151	.09900	.22456	-.00024
#2	-.00039	-.00392	.02844	.00183	-.00189	.10523	.22130	-.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	28.475	.00240	-.00002	.01811	.04363	.04981	3.1357
Stddev	.00001	.022	.00023	.00006	.00016	.00959	.00009	.0624
%RSD	.59336	.07724	9.7657	278.08	.89881	21.992	.17229	1.9896

#1	.00179	28.490	.00224	-.00007	.01823	.05041	.04975	3.0916
#2	.00180	28.459	.00257	.00002	.01800	.03684	.04988	3.1798

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00940	.00027	326.82	.00149	.60967	1.3254	.00001	.01434
Stddev	.00022	.00007	5.90	.00025	.02243	.0137	.00020	.00723
%RSD	2.3851	25.481	1.8054	16.465	3.6797	1.0346	2231.1	50.429

#1	.00955	.00032	330.99	.00132	.62554	1.3351	-.00013	.00923
#2	.00924	.00022	322.65	.00167	.59381	1.3157	.00015	.01946

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.16980	.80369	.00028	.00342	.00741	.3933	.09592	
Stddev	.00093	.00685	.00048	.00186	.00041	.0003	.00071	
%RSD	.54531	.85187	173.30	54.451	5.4756	.0821	.74153	

#1	.16915	.80853	.00062	.00474	.00712	.3935	.09643	
#2	.17046	.79885	-.00006	.00211	.00770	.3931	.09542	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3431.1	62943.	4500.6	92.757	3831.1			
Stddev	5.1	97.	35.6	3.459	8.9			
%RSD	.14852	.15479	.79021	3.7296	.23268			

#1	3427.5	62874.	4475.5	90.311	3824.8			
#2	3434.7	63012.	4525.8	95.204	3837.4			

Sample Name: I4476-04 Acquired: 7/28/2017 17:54:04 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: TP-8-LENOX-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00277	-.00287	.00000	.00352	.00057	.06538	.17063	-.00013
Stddev	.00224	.00119	.0001	.00094	.00014	.00288	.00063	.00003
%RSD	80.932	41.383	8985.2	26.739	24.837	4.4069	.37183	23.770

#1	-.00435	-.00372	.00009	.00418	.00067	.06742	.17018	-.00016
#2	-.00118	-.00203	-.00010	.00285	.00047	.06334	.17107	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	4.1295	.00010	-.00020	.00559	.04178	.06577	1.3536
Stddev	.00001	.0114	.00016	.00025	.00015	.00439	.00007	.0014
%RSD	4.0805	.27568	148.45	125.72	2.7626	10.509	.10664	.10252

#1	-.00021	4.1214	-.00001	-.00037	.00548	.03868	.06572	1.3526
#2	-.00020	4.1375	.00021	-.00002	.00569	.04489	.06582	1.3546

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00276	.00019	322.57	-.00037	.03496	.48157	.00005	.01075
Stddev	.00004	.00019	.64	.00003	.00066	.00787	.00014	.00341
%RSD	1.3250	96.681	.19697	7.1751	1.8850	1.6337	292.33	31.738

#1	.00279	.00006	322.12	-.00039	.03543	.48713	.00015	.01316
#2	.00274	.00033	323.02	-.00035	.03450	.47600	-.00005	.00833

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.15220	.20588	-.00003	.00208	.00754	.0128	.02488	
Stddev	.00078	.00081	.00062	.00034	.00039	.0005	.00007	
%RSD	.51435	.39156	1835.5	16.542	5.1079	3.584	.28532	

#1	.15276	.20531	.00041	.00232	.00727	.0132	.02493	
#2	.15165	.20645	-.00048	.00183	.00782	.0125	.02483	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3439.0	63136.	4517.2	92.562	3829.5			
Stddev	1.2	19.	3.9	2.051	2.7			
%RSD	.03521	.02963	.08636	2.2154	.07133			

#1	3439.9	63149.	4514.4	91.112	3827.6			
#2	3438.1	63123.	4520.0	94.012	3831.5			

Sample Name: I4476-08 Acquired: 7/28/2017 17:58:22 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: TP-7-LENOX-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00345	-.00187	.00298	.00706	-.00128	.03535	.16847	-.00009
Stddev	.00017	.00073	.00007	.00023	.00081	.00315	.00017	.00005
%RSD	4.8471	38.951	2.5168	3.1923	63.201	8.9037	.10042	51.381

#1	-.00357	-.00136	.00292	.00722	-.00071	.03758	.16859	-.00006
#2	-.00333	-.00239	.00303	.00690	-.00185	.03313	.16835	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	11.850	-.00029	-.00047	.13575	-.00416	.13790	2.2767
Stddev	.00002	.004	.00007	.00015	.00034	.00912	.00060	.0288
%RSD	30.278	.03273	25.219	32.982	.24752	219.20	.43408	1.2651

#1	-.00007	11.848	-.00024	-.00058	.13599	.00229	.13832	2.2970
#2	-.00005	11.853	-.00034	-.00036	.13551	-.01061	.13747	2.2563

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00291	.00007	309.88	-.00041	.02168	.55351	-.00008	.01509
Stddev	.00033	.00017	1.07	.00029	.00026	.00498	.00011	.00137
%RSD	11.499	229.93	.34427	71.540	1.1970	.90022	139.19	9.0797

#1	.00267	-.00005	309.13	-.00062	.02187	.55703	.00000	.01412
#2	.00314	.00019	310.64	-.00020	.02150	.54998	-.00016	.01605

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.12056	.45671	-.00050	.00166	.00810	.0173	.04380	
Stddev	.00101	.00029	.00000	.00203	.00058	.0007	.00015	
%RSD	.83548	.06307	.88640	122.24	7.1266	3.800	.34213	

#1	.12127	.45691	-.00049	.00310	.00769	.0178	.04390	
#2	.11984	.45651	-.00050	.00023	.00850	.0169	.04369	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3446.9	63095.	4500.6	92.992	3832.6			
Stddev	14.4	281.	3.4	.757	13.4			
%RSD	.41728	.44588	.07489	.81455	.35077			

#1	3436.7	62896.	4503.0	92.456	3823.1			
#2	3457.1	63294.	4498.2	93.527	3842.1			

Sample Name: I4482-02 Acquired: 7/28/2017 18:02:38 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00416	-.00100	-.01420	-.00192	-.02659	.12419	-.00024
Stddev	.00140	.00229	.00031	.00018	.00050	.00226	.00057	.00001
%RSD	1196.0	55.178	30.647	1.2938	26.174	8.5011	.45879	4.0482

#1	-.00087	-.00254	-.00078	-.01407	-.00228	-.02499	.12379	-.00025
#2	.00111	-.00578	-.00122	-.01433	-.00157	-.02818	.12459	-.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	181.65	.00049	.00036	.00348	-.00320	.15300	2.4717
Stddev	.00002	1.53	.00035	.00002	.00040	.00093	.00095	.0599
%RSD	3.0801	.84369	71.972	6.4518	11.525	28.990	.62106	2.4216

#1	.00049	180.57	.00074	.00037	.00320	-.00254	.15367	2.4294
#2	.00051	182.74	.00024	.00034	.00377	-.00386	.15233	2.5140

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01318	.00005	323.22	.02444	.13484	2.7870	.00164	.06000
Stddev	.00018	.00007	2.71	.00007	.00245	.0112	.00010	.00093
%RSD	1.3822	124.53	.83733	.30665	1.8141	.40258	5.8703	1.5517

#1	.01330	.00001	321.31	.02449	.13311	2.7790	.00157	.05935
#2	.01305	.00010	325.14	.02438	.13657	2.7949	.00171	.06066

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	5.9503	3.2003	.00036	-.00339	.02121	.0186	.81351	
Stddev	.0166	.0241	.00009	.00063	.00042	.0003	.00493	
%RSD	.27929	.75384	24.679	18.570	1.9925	1.752	.60542	

#1	5.9386	3.1832	.00043	-.00383	.02151	.0188	.81003	
#2	5.9621	3.2173	.00030	-.00294	.02092	.0184	.81700	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3332.9	61714.	4451.7	92.417	3759.7			
Stddev	7.6	292.	28.8	1.489	3.2			
%RSD	.22843	.47283	.64768	1.6115	.08438			

#1	3327.6	61507.	4472.1	93.470	3761.9			
#2	3338.3	61920.	4431.3	91.364	3757.4			

Sample Name: I4488-03 Acquired: 7/28/2017 18:06:55 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CL-02-072717 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00146	-.00358	.00219	.00450	-.00122	.11400	.09021	-.00018
Stddev	.00143	.00079	.00099	.00090	.00013	.01026	.00040	.00001
%RSD	98.155	22.020	45.182	19.931	10.908	9.0038	.44482	7.0309

#1	-.00247	-.00414	.00289	.00387	-.00131	.12126	.08993	-.00019
#2	-.00045	-.00303	.00149	.00514	-.00112	.10675	.09050	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	14.678	-.00002	.00887	.00427	.21205	.76912	1.1782
Stddev	.00005	.070	.00064	.00014	.00060	.00443	.00152	.0466
%RSD	90.172	.47650	3767.1	1.5616	14.055	2.0882	.19816	3.9572

#1	-.00008	14.629	-.00047	.00897	.00384	.21518	.76804	1.1452
#2	-.00002	14.728	.00044	.00877	.00469	.20892	.77020	1.2111

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00462	.00019	319.51	-.00041	.02511	.69243	.00002	.02362
Stddev	.00014	.00016	1.12	.00019	.00015	.03031	.00005	.00083
%RSD	3.1312	84.353	.35036	45.141	.61573	4.3778	216.17	3.5052

#1	.00452	.00030	318.72	-.00028	.02522	.67100	-.00001	.02420
#2	.00472	.00007	320.30	-.00055	.02500	.71387	.00006	.02303

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.26593	.68137	-.00065	.00394	.01041	.0022	.05500	
Stddev	.00198	.00461	.00011	.00290	.00065	.0003	.00025	
%RSD	.74600	.67726	17.460	73.456	6.2558	12.93	.45191	

#1	.26733	.67811	-.00057	.00599	.00995	.0024	.05482	
#2	.26452	.68463	-.00073	.00189	.01087	.0020	.05517	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3442.8	62720.	4490.1	93.159	3847.3			
Stddev	22.1	172.	24.8	.863	12.7			
%RSD	.64237	.27394	.55198	.92636	.32913			

#1	3427.1	62841.	4507.6	92.549	3838.3			
#2	3458.4	62598.	4472.5	93.770	3856.2			

Sample Name: CCV07 Acquired: 7/28/2017 18:11:12 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8807	4.8279	4.7528	4.9199	4.9056	9.9629	9.4986	.24925	2.4365
Stddev	.0245	.0110	.0162	.0170	.0087	.0484	.0928	.00080	.0063
%RSD	.50094	.22723	.34040	.34584	.17771	.48584	.97714	.32027	.25912

#1	4.8980	4.8357	4.7643	4.9319	4.9117	9.9287	9.5642	.24869	2.4410
#2	4.8634	4.8202	4.7414	4.9079	4.8994	9.9971	9.4330	.24982	2.4321

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.728	.98371	2.3807	1.2196	4.7402	2.5222	24.342	2.4256	1.2124
Stddev	.231	.00772	.0078	.0023	.1083	.0036	.133	.0072	.0040
%RSD	.93615	.78506	.32688	.18808	2.2840	.14065	.54623	.29562	.33028

#1	24.892	.97825	2.3862	1.2212	4.6637	2.5197	24.436	2.4306	1.2096
#2	24.565	.98917	2.3752	1.2180	4.8168	2.5247	24.248	2.4205	1.2153

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.650	2.4977	2.3655	24.943	4.9492	4.9301	4.8534	4.9836	4.8645
Stddev	.070	.0099	.0342	.151	.0081	.0309	.0270	.0376	.0105
%RSD	.29641	.39544	1.4459	.60649	.16351	.62612	.55580	.75413	.21566

#1	23.700	2.4907	2.3413	25.050	4.9549	4.9519	4.8725	5.0102	4.8720
#2	23.601	2.5047	2.3897	24.836	4.9435	4.9082	4.8344	4.9571	4.8571

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8904	4.9368	4.981	4.8738
Stddev	.0200	.0204	.022	.0782
%RSD	.40897	.41434	.4425	1.6050

#1	4.9045	4.9512	4.996	4.9291
#2	4.8762	4.9223	4.965	4.8185

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3426.5	61586.	4508.7	93.147	3704.8
Stddev	10.3	125.	47.2	1.258	14.5
%RSD	.29965	.20271	1.0478	1.3505	.39091

#1	3419.3	61675.	4475.3	94.036	3694.5
#2	3433.8	61498.	4542.1	92.257	3715.0

Sample Name: CCB07 Acquired: 7/28/2017 18:15:17 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	.00130	-.00032	.00059	.00076	-.00222	.00074	.00000
Stddev	.00043	.00042	.00019	.00103	.00150	.00402	.00055	.00000
%RSD	126.98	32.498	59.594	174.22	196.73	180.96	74.372	90.486

#1	-.00003	.00100	-.00045	-.00014	.00182	-.00507	.00113	.00001
#2	-.00064	.00160	-.00018	.00132	-.00030	.00062	.00035	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01428	.00009	.00012	-.00025	.01068	-.00017	.05066
Stddev	.00004	.00927	.00041	.00003	.00008	.00598	.00001	.00655
%RSD	189.70	64.886	451.09	22.495	32.478	55.989	5.8558	12.929

#1	.00001	-.00773	.00038	.00014	-.00030	.00645	-.00017	.04603
#2	-.00005	-.02083	-.00020	.00010	-.00019	.01491	-.00018	.05529

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	.00021	.09095	-.00062	-.00070	.04226	.00294	.01131
Stddev	.00010	.00021	.00166	.00008	.00007	.00564	.00044	.00042
%RSD	12.367	100.47	1.8290	13.281	9.3829	13.356	14.970	3.6881

#1	.00071	.00006	.09212	-.00068	-.00066	.03827	.00325	.01101
#2	.00085	.00036	.08977	-.00057	-.00075	.04625	.00263	.01160

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00075	.00078	.00050	.00064	.00194	-.0020	.00003	
Stddev	.00022	.00000	.00023	.00082	.00005	.0001	.00007	
%RSD	29.303	.18769	45.088	128.26	2.4454	2.992	243.58	

#1	-.00059	.00078	.00066	.00123	.00191	-.0019	.00008	
#2	-.00090	.00078	.00034	.00006	.00197	-.0020	-.00002	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3488.2	61225.	4461.1	92.509	3818.5			
Stddev	1.6	60.	3.0	1.528	4.5			
%RSD	.04555	.09847	.06697	1.6521	.11838			

#1	3489.3	61268.	4459.0	93.590	3815.3			
#2	3487.1	61182.	4463.2	91.429	3821.7			

Sample Name: I4488-06 Acquired: 7/28/2017 18:19:32 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CL-02-072717 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	-.00214	.00158	.00413	-.00048	.12148	.15783	-.00009
Stddev	.00041	.00184	.00043	.00043	.00120	.01175	.00008	.00002
%RSD	115.36	86.152	27.580	10.489	251.64	9.6723	.04836	26.100

#1	-.00007	-.00084	.00127	.00443	-.00132	.12978	.15777	-.00011
#2	-.00064	-.00344	.00188	.00382	.00037	.11317	.15788	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	22.235	.00026	.00317	.01086	.02162	1.2263	1.5917
Stddev	.00010	.060	.00023	.00002	.00051	.00362	.0004	.0112
%RSD	83.739	.26904	89.710	.70230	4.6807	16.734	.03039	.70441

#1	.00019	22.192	.00009	.00318	.01122	.02418	1.2260	1.5838
#2	.00005	22.277	.00042	.00315	.01050	.01906	1.2266	1.5997

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00470	-.00005	340.86	-.00048	.03217	1.1319	.00051	.01515
Stddev	.00012	.00008	1.41	.00034	.00076	.0139	.00032	.00336
%RSD	2.5969	178.54	.41276	71.038	2.3515	1.2296	62.381	22.148

#1	.00461	.00001	341.86	-.00071	.03164	1.1221	.00074	.01753
#2	.00478	-.00011	339.87	-.00024	.03271	1.1418	.00029	.01278

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.29753	1.2007	.00020	.00135	.00420	.0038	.09758	
Stddev	.00062	.0048	.00093	.00054	.00120	.0006	.00009	
%RSD	.20745	.39956	470.50	39.804	28.594	16.76	.09133	

#1	.29797	1.1973	.00086	.00097	.00335	.0042	.09764	
#2	.29710	1.2041	-.00046	.00173	.00505	.0033	.09751	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3446.1	63344.	4543.0	93.302	3840.9			
Stddev	9.9	81.	7.4	1.752	13.4			
%RSD	.28822	.12784	.16317	1.8775	.34841			

#1	3439.1	63287.	4548.3	94.540	3831.4			
#2	3453.2	63402.	4537.8	92.063	3850.3			

Sample Name: I4488-09 Acquired: 7/28/2017 18:23:50 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CL-02-072717 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00341	-.00261	.00051	.00208	-.00157	.10265	.11647	-.00015
Stddev	.00097	.00033	.00156	.00153	.00122	.00182	.00074	.00002
%RSD	28.422	12.584	305.83	73.531	77.747	1.7688	.63395	13.856
#1	-.00409	-.00238	-.00059	.00317	-.00071	.10394	.11699	-.00014
#2	-.00272	-.00285	.00161	.00100	-.00243	.10137	.11595	-.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	42.934	.00074	.00599	.00259	.55454	.93834	2.2019
Stddev	.00000	.005	.00055	.00030	.00004	.00400	.00210	.0210
%RSD	2.9527	.01231	74.140	4.9529	1.5572	.72050	.22367	.95467
#1	-.00009	42.930	.00035	.00578	.00256	.55737	.93983	2.1870
#2	-.00009	42.938	.00114	.00620	.00262	.55172	.93686	2.2167
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00523	.00008	293.28	-.00047	.03320	1.1568	-.00006	.01495
Stddev	.00015	.00034	3.96	.00062	.00041	.0164	.00004	.00998
%RSD	2.8520	403.86	1.3498	133.18	1.2320	1.4153	56.185	66.774
#1	.00534	.00033	296.08	-.00091	.03349	1.1452	-.00009	.00789
#2	.00513	-.00016	290.48	-.00003	.03291	1.1684	-.00004	.02201
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.26958	.66081	.00033	.00300	.00673	.0005	.10040	
Stddev	.00008	.00238	.00023	.00184	.00006	.0007	.00039	
%RSD	.02859	.35978	69.148	61.485	.86030	122.8	.38370	
#1	.26963	.66249	.00017	.00430	.00669	.0001	.10013	
#2	.26952	.65913	.00049	.00170	.00677	.0010	.10067	
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3465.9	63404.	4539.4	94.540	3867.0			
Stddev	7.8	176.	25.8	1.258	11.8			
%RSD	.22609	.27743	.56934	1.3307	.30482			
#1	3460.4	63280.	4521.1	93.650	3858.6			
#2	3471.4	63529.	4557.7	95.429	3875.3			

Sample Name: I4488-12 Acquired: 7/28/2017 18:28:07 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CL-02-072717 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00253	.00780	.00402	.00094	.57269	.18109	-.00003
Stddev	.00020	.00106	.00012	.00242	.00017	.00638	.00005	.00005
%RSD	130.08	41.805	1.5486	60.079	17.999	1.1134	.02548	161.02

#1	-.00030	-.00178	.00788	.00231	.00082	.57720	.18105	-.00006
#2	-.00001	-.00328	.00771	.00573	.00106	.56818	.18112	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	4.7755	.00075	.00124	.00575	.76498	.47874	1.1659
Stddev	.00001	.0223	.00024	.00001	.00028	.00325	.00087	.0044
%RSD	7.4242	.46647	32.232	.98756	4.7828	.42547	.18084	.38078

#1	-.00017	4.7598	.00058	.00125	.00556	.76268	.47813	1.1628
#2	-.00019	4.7913	.00092	.00123	.00595	.76728	.47935	1.1691

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00329	-.00011	263.86	.00078	.03885	.57761	.00008	.01646
Stddev	.00028	.00029	1.96	.00004	.00058	.01201	.00003	.00729
%RSD	8.3704	256.24	.74345	4.4947	1.5026	2.0796	31.748	44.278

#1	.00310	-.00032	265.25	.00081	.03844	.56912	.00010	.01131
#2	.00349	.00009	262.47	.00076	.03926	.58611	.00006	.02161

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.08525	1.5755	-.00023	.01725	.00649	.0063	.02688	
Stddev	.00189	.0208	.00032	.00192	.00074	.0001	.00005	
%RSD	2.2141	1.3200	137.37	11.150	11.402	2.176	.16810	

#1	.08391	1.5902	-.00001	.01589	.00702	.0064	.02691	
#2	.08658	1.5608	-.00046	.01861	.00597	.0062	.02685	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3491.4	63983.	4542.9	94.510	3925.8			
Stddev	4.9	153.	9.2	1.506	4.1			
%RSD	.14164	.23837	.20235	1.5933	.10351			

#1	3487.9	64091.	4536.4	95.575	3922.9			
#2	3494.9	63875.	4549.4	93.445	3928.7			

Sample Name: I4488-15 Acquired: 7/28/2017 18:32:25 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CL-02-072717 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	-.00177	1.9747	.00092	-.00085	.22441	.16486	.00000
Stddev	.00161	.00222	.0021	.00107	.00131	.01358	.00046	.00002
%RSD	280.10	125.48	.10407	115.91	153.99	6.0492	.27839	605.41

#1	-.00171	-.00020	1.9733	.00168	.00008	.23401	.16454	-.00001
#2	.00056	-.00334	1.9762	.00017	-.00178	.21481	.16519	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	5.5524	.00025	.00200	.01662	.12842	1.1725	.55222
Stddev	.00004	.0444	.00028	.00009	.00006	.00165	.0030	.01222
%RSD	19.113	.79962	111.76	4.4391	.33937	1.2822	.25659	2.2120

#1	.00017	5.5210	.00005	.00193	.01658	.12726	1.1746	.54358
#2	.00023	5.5838	.00044	.00206	.01666	.12959	1.1704	.56086

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00348	-.00026	295.47	-.00043	.02303	.98431	-.00035	.01007
Stddev	.00039	.00024	.83	.00009	.00000	.02056	.00013	.00061
%RSD	11.345	93.023	.28129	20.720	.00027	2.0888	37.807	6.0380

#1	.00320	-.00009	294.89	-.00049	.02303	.96977	-.00044	.00964
#2	.00376	-.00043	296.06	-.00036	.02303	.99884	-.00026	.01050

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.06600	.51350	.00002	.00657	.00430	.0072	.02241	
Stddev	.00167	.00508	.00016	.00161	.00176	.0007	.00023	
%RSD	2.5250	.98883	1028.4	24.463	40.791	10.09	1.0071	

#1	.06482	.51709	.00013	.00544	.00306	.0077	.02225	
#2	.06718	.50991	-.00010	.00771	.00554	.0067	.02257	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3470.0	63738.	4565.9	96.447	3877.9			
Stddev	2.9	121.	15.3	.560	7.0			
%RSD	.08231	.18922	.33426	.58097	.17924			

#1	3472.0	63653.	4576.7	96.051	3873.0			
#2	3468.0	63823.	4555.1	96.843	3882.8			

Sample Name: I4488-15DUP Acquired: 7/28/2017 18:36:41 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00168	-.00248	1.9784	.00158	-.00013	.22149	.16497	-.00003
Stddev	.00079	.00070	.0032	.00192	.00062	.00061	.00050	.00004
%RSD	47.054	28.313	.16088	121.09	475.92	.27766	.30431	122.35

#1	-.00112	-.00298	1.9762	.00023	.00031	.22106	.16532	-.00006
#2	-.00224	-.00199	1.9807	.00294	-.00057	.22193	.16461	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	5.5157	.00064	.00185	.01671	.12986	1.1701	.57879
Stddev	.00011	.0242	.00001	.00006	.00026	.00550	.0024	.00188
%RSD	65.402	.43804	1.5276	3.4768	1.5274	4.2345	.20401	.32513

#1	.00009	5.5328	.00065	.00190	.01653	.13375	1.1718	.58012
#2	.00025	5.4986	.00063	.00181	.01689	.12598	1.1684	.57746

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00334	.00022	292.52	-.00001	.02336	.98043	-.00014	.01228
Stddev	.00032	.00006	2.04	.00013	.00002	.02922	.00011	.00578
%RSD	9.6825	25.037	.69877	1353.0	.08420	2.9799	78.941	47.030

#1	.00311	.00018	293.97	-.00010	.02338	1.0011	-.00022	.01637
#2	.00357	.00026	291.08	.00008	.02335	.95977	-.00006	.00820

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.06468	.52801	-.00066	.00763	.00635	.0091	.02218	
Stddev	.00038	.01281	.00001	.00018	.00034	.0008	.00005	
%RSD	.58779	2.4251	1.1750	2.2947	5.3382	8.870	.21391	

#1	.06441	.53707	-.00065	.00776	.00659	.0086	.02221	
#2	.06495	.51896	-.00066	.00751	.00611	.0097	.02214	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3476.7	63686.	4570.6	95.035	3889.3			
Stddev	6.9	352.	25.3	.610	7.4			
%RSD	.19734	.55198	.55346	.64202	.18969			

#1	3471.9	63437.	4552.8	95.467	3894.6			
#2	3481.6	63934.	4588.5	94.604	3884.1			

Sample Name: I4488-15LX5 Acquired: 7/28/2017 18:40:58 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00100	-.00046	.39157	.00092	-.00139	.04634	.03316	-.00005
Stddev	.00001	.00023	.00014	.00059	.00119	.01115	.00064	.00006
%RSD	.54630	49.267	.03567	63.700	85.357	24.065	1.9244	110.07

#1	-.00100	-.00030	.39167	.00133	-.00223	.03845	.03271	-.00001
#2	-.00100	-.00062	.39147	.00051	-.00055	.05422	.03361	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	1.0917	-.00028	.00026	.00276	.02923	.24040	.15048
Stddev	.00006	.0207	.00028	.00021	.00053	.00617	.00014	.00866
%RSD	235.83	1.8989	101.36	78.430	19.209	21.109	.05632	5.7534

#1	-.00002	1.0770	-.00048	.00041	.00238	.03359	.24049	.15660
#2	.00007	1.1063	-.00008	.00012	.00313	.02486	.24030	.14436

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00127	-.00025	60.186	-.00099	.00402	.23497	.00007	-.00578
Stddev	.00014	.00004	1.269	.00003	.00003	.01588	.00008	.00216
%RSD	11.254	17.541	2.1078	3.2857	.72524	6.7571	111.41	37.390

#1	.00137	-.00028	59.289	-.00101	.00400	.22374	.00013	-.00731
#2	.00116	-.00022	61.083	-.00096	.00404	.24620	.00002	-.00425

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.01302	.10411	-.00181	.00324	.00188	.0017	.00447	
Stddev	.00021	.00002	.00005	.00057	.00024	.0020	.00011	
%RSD	1.6178	.01531	2.5268	17.765	12.806	114.9	2.3745	

#1	.01287	.10412	-.00178	.00364	.00205	.0003	.00440	
#2	.01317	.10410	-.00184	.00283	.00171	.0031	.00455	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3522.9	63135.	4603.1	97.862	4000.2			
Stddev	9.2	455.	70.1	.652	1.2			
%RSD	.25990	.71997	1.5228	.66637	.03113			

#1	3529.4	62814.	4652.7	98.324	3999.3			
#2	3516.4	63457.	4553.5	97.401	4001.1			

Sample Name: I4488-15MS Acquired: 7/28/2017 18:45:11 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81267	1.9296	2.9689	1.8146	.78613	2.3055	.38805	.20009	.20167
Stddev	.00475	.0084	.0019	.0004	.00266	.0147	.00082	.00037	.00001
%RSD	.58466	.43383	.06569	.02011	.33838	.63694	.21223	.18515	.00310

#1	.81603	1.9237	2.9675	1.8143	.78801	2.3158	.38863	.19983	.20167
#2	.80931	1.9355	2.9703	1.8148	.78425	2.2951	.38747	.20035	.20166

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0114	.41826	.20451	.33565	3.2399	1.4481	2.7080	.51161	.07666
Stddev	.0350	.00171	.00030	.00234	.0034	.0009	.0127	.00126	.00051
%RSD	.49916	.40998	.14718	.69605	.10548	.05933	.47099	.24644	.66235

#1	7.0362	.41704	.20430	.33400	3.2423	1.4475	2.6990	.51072	.07630
#2	6.9867	.41947	.20472	.33730	3.2375	1.4487	2.7171	.51250	.07701

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	308.31	.31942	.23207	11.945	.42677	.31891	.06312	1.5168	.71263
Stddev	2.06	.00139	.00225	.008	.00022	.00350	.00062	.0050	.00089
%RSD	.66674	.43434	.96844	.06359	.05257	1.0965	.97594	.32762	.12484

#1	309.76	.32040	.23048	11.939	.42693	.32138	.06268	1.5133	.71200
#2	306.85	.31844	.23366	11.950	.42662	.31644	.06355	1.5203	.71326

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.22509	.21691	5.583	.22265
Stddev	.00041	.00104	.001	.00120
%RSD	.18170	.48167	.0152	.54071

#1	.22538	.21765	5.584	.22350
#2	.22481	.21617	5.583	.22180

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3453.0	63571.	4471.4	94.020	3875.6
Stddev	10.9	69.	12.1	.340	10.2
%RSD	.31551	.10840	.27070	.36186	.26376

#1	3445.3	63523.	4462.8	94.260	3868.4
#2	3460.7	63620.	4480.0	93.779	3882.9

Sample Name: I4488-15MSD Acquired: 7/28/2017 18:49:15 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80607	1.9214	2.9508	1.8040	.77720	2.3262	.38751	.20087	.20096
Stddev	.00226	.0083	.0124	.0095	.00357	.0214	.00022	.00150	.00072
%RSD	.28023	.42979	.42032	.52956	.45944	.91955	.05747	.74546	.35687

#1	.80766	1.9272	2.9596	1.8108	.77972	2.3413	.38735	.20193	.20146
#2	.80447	1.9155	2.9421	1.7973	.77467	2.3110	.38767	.19981	.20045

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0244	.42018	.20350	.33390	3.2119	1.4493	2.7299	.50799	.07626
Stddev	.0063	.00357	.00043	.00051	.0214	.0082	.0070	.00223	.00018
%RSD	.09021	.84900	.21103	.15302	.66560	.56832	.25488	.43991	.23829

#1	7.0288	.42270	.20380	.33426	3.2270	1.4551	2.7348	.50957	.07613
#2	7.0199	.41766	.20320	.33353	3.1968	1.4435	2.7250	.50641	.07639

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	307.54	.31987	.23215	11.887	.42480	.30942	.06294	1.5020	.70652
Stddev	1.44	.00257	.00157	.037	.00273	.00121	.00127	.0212	.00166
%RSD	.46804	.80249	.67772	.31525	.64166	.39077	2.0195	1.4127	.23461

#1	306.53	.32169	.23326	11.861	.42672	.31028	.06384	1.4870	.70769
#2	308.56	.31806	.23104	11.914	.42287	.30857	.06204	1.5170	.70535

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.22306	.21800	5.537	.22188
Stddev	.00220	.00017	.014	.00051
%RSD	.98699	.07918	.2438	.23125

#1	.22150	.21788	5.547	.22152
#2	.22461	.21812	5.527	.22224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3487.8	63369.	4490.7	94.325	3915.5
Stddev	18.1	603.	15.7	.588	17.0
%RSD	.52011	.95138	.35039	.62327	.43370

#1	3475.0	62943.	4501.8	93.909	3903.5
#2	3500.7	63796.	4479.5	94.741	3927.5

Sample Name: I4488-15A Acquired: 7/28/2017 18:53:18 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84802	2.0160	2.9631	1.9465	.81933	2.3555	.38891	.21024	.21067
Stddev	.00243	.0045	.0098	.0064	.00185	.0144	.00566	.00022	.00052
%RSD	.28618	.22051	.33042	.32998	.22616	.61233	1.4549	.10243	.24855

#1	.84630	2.0191	2.9700	1.9510	.81802	2.3453	.38491	.21040	.21104
#2	.84973	2.0128	2.9562	1.9419	.82064	2.3657	.39291	.21009	.21030

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7904	.43459	.21279	.34789	3.4161	1.4094	2.8078	.53200	.08006
Stddev	.0980	.00054	.00088	.00053	.0366	.0042	.0074	.00229	.00049
%RSD	1.4437	.12420	.41400	.15160	1.0710	.29992	.26215	.43102	.60927

#1	6.7211	.43497	.21341	.34826	3.3902	1.4124	2.8130	.53362	.08040
#2	6.8597	.43421	.21216	.34751	3.4419	1.4064	2.8026	.53037	.07971

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	298.51	.33191	.24565	12.303	.44615	.34341	.06097	1.5745	.75107
Stddev	2.00	.00057	.00305	.223	.00020	.00234	.00047	.0246	.00267
%RSD	.67117	.17205	1.2422	1.8145	.04472	.68049	.77598	1.5621	.35531

#1	297.10	.33231	.24349	12.145	.44601	.34176	.06063	1.5571	.75296
#2	299.93	.33150	.24780	12.461	.44629	.34506	.06130	1.5919	.74918

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.23220	.22101	5.865	.22866
Stddev	.00331	.00446	.016	.00410
%RSD	1.4272	2.0165	.2776	1.7947

#1	.22985	.21786	5.876	.22576
#2	.23454	.22417	5.853	.23157

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3479.2	63915.	4504.5	91.862	3893.5
Stddev	.8	210.	55.6	1.019	9.8
%RSD	.02302	.32904	1.2342	1.1093	.25171

#1	3478.7	63767.	4543.8	92.583	3886.5
#2	3479.8	64064.	4465.2	91.141	3900.4

Sample Name: CCV08 Acquired: 7/28/2017 18:57:22 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8268	4.7996	4.7237	4.8602	4.8411	9.7148	9.5204	.24377	2.4124
Stddev	.0069	.0105	.0089	.0021	.0065	.0071	.0670	.00050	.0062
%RSD	.14195	.21870	.18935	.04382	.13496	.07293	.70388	.20683	.25568

#1	4.8220	4.8071	4.7174	4.8587	4.8365	9.7198	9.4730	.24341	2.4080
#2	4.8316	4.7922	4.7301	4.8617	4.8457	9.7098	9.5677	.24413	2.4167

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.567	.96389	2.3608	1.2097	4.6924	2.4658	24.131	2.4042	1.1923
Stddev	.047	.00380	.0070	.0009	.1202	.0070	.050	.0046	.0048
%RSD	.18973	.39418	.29772	.07482	2.5615	.28547	.20871	.19292	.40525

#1	24.534	.96120	2.3559	1.2103	4.7774	2.4608	24.166	2.4009	1.1889
#2	24.600	.96658	2.3658	1.2090	4.6074	2.4708	24.095	2.4075	1.1957

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.373	2.4449	2.3579	24.628	4.8861	4.8878	4.8812	4.9176	4.8185
Stddev	.051	.0065	.0462	.072	.0072	.0123	.0140	.0477	.0077
%RSD	.21922	.26531	1.9606	.29303	.14640	.25102	.28651	.96994	.15935

#1	23.337	2.4404	2.3906	24.577	4.8810	4.8791	4.8714	4.8838	4.8130
#2	23.410	2.4495	2.3252	24.679	4.8911	4.8964	4.8911	4.9513	4.8239

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8665	4.9569	5.016	4.8544
Stddev	.0088	.0058	.009	.0023
%RSD	.18014	.11777	.1862	.04828

#1	4.8727	4.9610	5.010	4.8561
#2	4.8603	4.9528	5.023	4.8528

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3455.0	62440.	4507.1	93.461	3733.0
Stddev	1.0	71.	23.3	1.934	.5
%RSD	.03009	.11433	.51608	2.0688	.01279

#1	3454.2	62389.	4523.6	92.094	3733.3
#2	3455.7	62490.	4490.7	94.829	3732.6

Sample Name: LLCCV03 Acquired: 7/28/2017 19:01:28 Type: Unk
Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02037	.03805	.01106	.02110	.04975	.11239	.09675	.00612	.00592
Stddev	.00022	.00128	.00098	.00101	.00045	.00112	.00067	.00000	.00001
%RSD	1.0724	3.3646	8.8879	4.7785	.90629	.99701	.69092	.02748	.21098

#1	.02053	.03895	.01037	.02182	.04943	.11159	.09723	.00612	.00593
#2	.02022	.03714	.01176	.02039	.05007	.11318	.09628	.00612	.00591

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9555	.01007	.02867	.02099	.10219	.02083	1.9709	.03977	.00970
Stddev	.0072	.00030	.00017	.00038	.00056	.00001	.0202	.00040	.00022
%RSD	.36715	2.9607	.60893	1.7892	.54453	.06287	1.0242	1.0065	2.3007

#1	1.9606	.01028	.02879	.02073	.10179	.02082	1.9852	.03948	.00954
#2	1.9505	.00986	.02854	.02126	.10258	.02084	1.9566	.04005	.00985

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0041	.03944	.03845	2.0146	.21104	.10042	.01737	.38433	.04118
Stddev	.0041	.00012	.00055	.0199	.00070	.00023	.00188	.00434	.00051
%RSD	.20370	.30582	1.4204	.98714	.33052	.22861	10.849	1.1293	1.2348

#1	2.0070	.03935	.03884	2.0286	.21154	.10026	.01871	.38740	.04154
#2	2.0012	.03952	.03807	2.0005	.21055	.10059	.01604	.38126	.04082

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.03972	.01988	.0158	.02029
Stddev	.00200	.00201	.0008	.00006
%RSD	5.0431	10.107	4.922	.28058

#1	.04114	.01845	.0164	.02033
#2	.03831	.02130	.0153	.02025

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3516.8	62037.	4543.7	95.227	3889.0
Stddev	1.3	165.	37.1	1.256	4.3
%RSD	.03696	.26581	.81689	1.3186	.11056

#1	3515.9	62154.	4517.5	94.339	3892.0
#2	3517.7	61920.	4570.0	96.115	3886.0

Sample Name: CCB08 Acquired: 7/28/2017 19:05:38 Type: Unk

Method: P4-ICP2(v2115) Mode: CONC Corr. Factor: 1.000000

User: JASWAL Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.00204	-.00095	.00190	-.00096	.00708	.00031	.00001
Stddev	.00166	.00040	.00061	.00088	.00017	.00422	.00037	.00002
%RSD	894.94	19.723	63.984	46.268	17.701	59.582	118.86	440.12

#1	-.00099	.00233	-.00138	.00128	-.00084	.01007	.00005	-.00001
#2	.00136	.00176	-.00052	.00253	-.00108	.00410	.00058	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.01126	-.00002	.00023	-.00034	-.00013	.00000	-.00288
Stddev	.00008	.00024	.00023	.00009	.00032	.00137	.0001	.03067
%RSD	392.62	2.1537	1200.2	39.926	94.451	1020.6	1949.5	1065.5

#1	.00004	.01109	-.00018	.00029	-.00057	.00084	-.00003	-.02456
#2	-.00008	.01143	.00014	.00016	-.00011	-.00111	.00003	.01881

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	-.00006	.08353	-.00050	.00240	.02396	.00073	.00202
Stddev	.00023	.00054	.01273	.00019	.00001	.02498	.00030	.00667
%RSD	45.823	856.21	15.243	38.637	.23759	104.28	41.520	330.70

#1	.00066	-.00045	.07453	-.00064	.00240	.00629	.00094	.00674
#2	.00034	.00032	.09254	-.00036	.00240	.04163	.00051	-.00270

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00180	.00016	-.00059	.00167	.00026	-.0016	-.00003	
Stddev	.00168	.00198	.00105	.00016	.00170	.0009	.00003	
%RSD	93.173	1271.3	179.56	9.5133	665.62	55.28	115.50	

#1	.00061	-.00124	-.00133	.00156	.00146	-.0010	-.00005	
#2	.00299	.00155	.00016	.00178	-.00095	-.0023	.00000	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	3539.8	61976.	4536.4	93.026	3873.9			
Stddev	5.5	189.	7.6	.528	3.6			
%RSD	.15665	.30417	.16860	.56721	.09267			

#1	3535.9	62110.	4531.0	92.653	3871.3			
#2	3543.7	61843.	4541.8	93.399	3876.4			