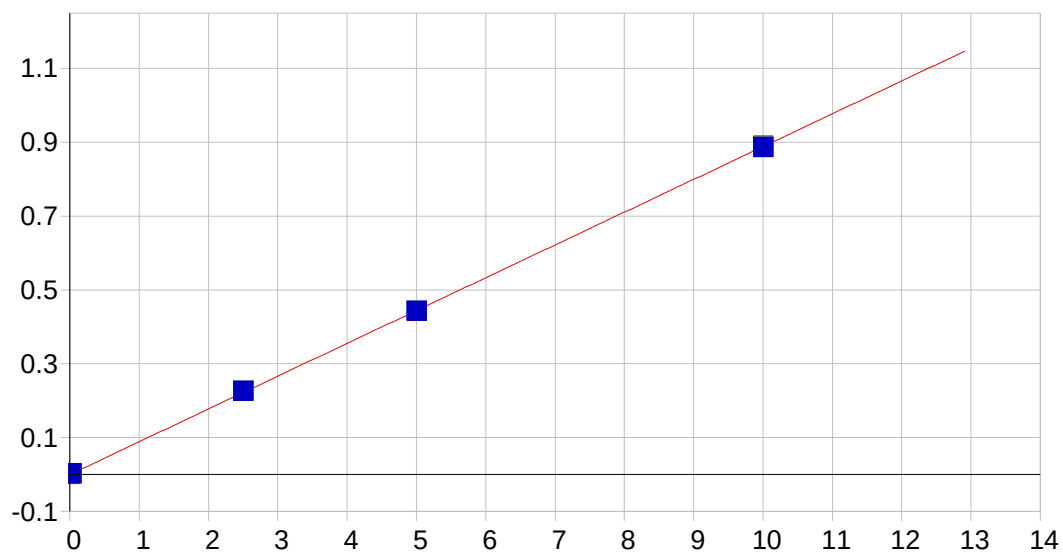




As 189.042 {478}

Date of Fit: 8/1/2017 11:24:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000240

Re-Slope: 1.000000

A1 (Gain): 0.088866

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999977

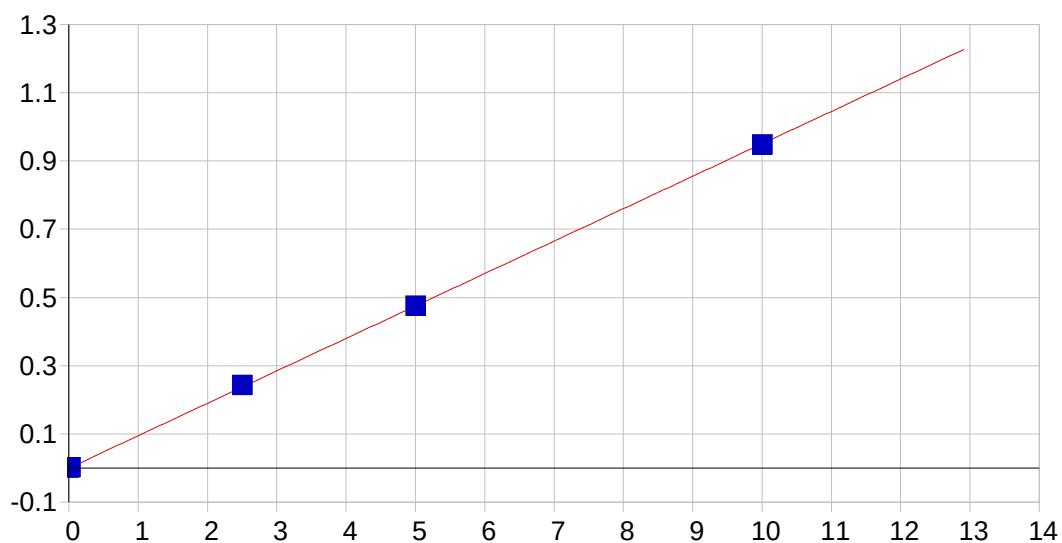
Status: OK.

Std Error of Est: 0.000015

Predicted MDL: 0.002491

Predicted MQL: 0.008302

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00024	.000	1
S1	.02000	.02100	.001	4.99	.00165	.000	1
S3	2.5000	2.5402	.040	1.61	.22580	.000	1
S4	5.0000	4.9834	-.017	-.333	.44322	.001	1
S5	10.000	9.9755	-.025	-.245	.88747	.002	1

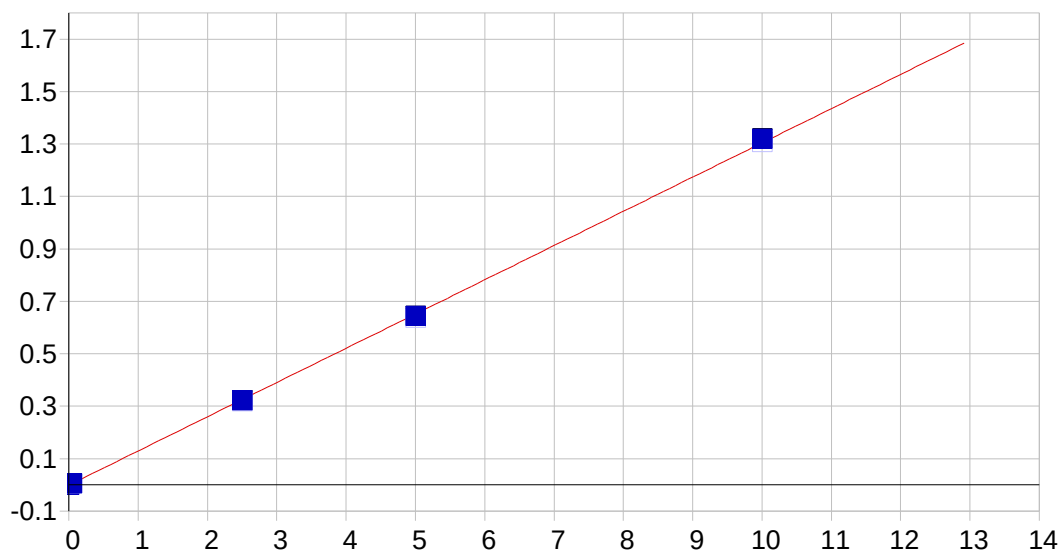


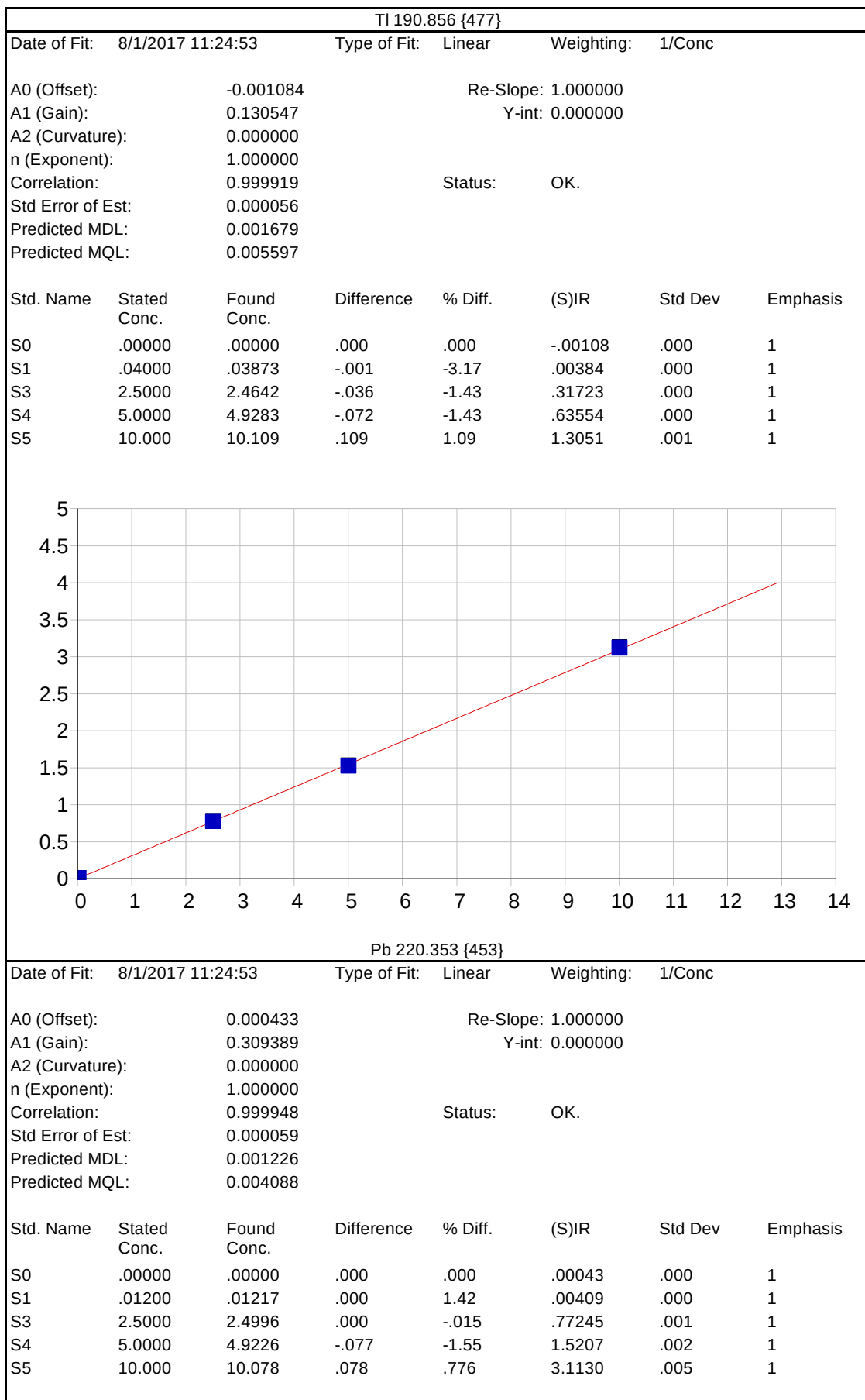
As 189.042 {479}

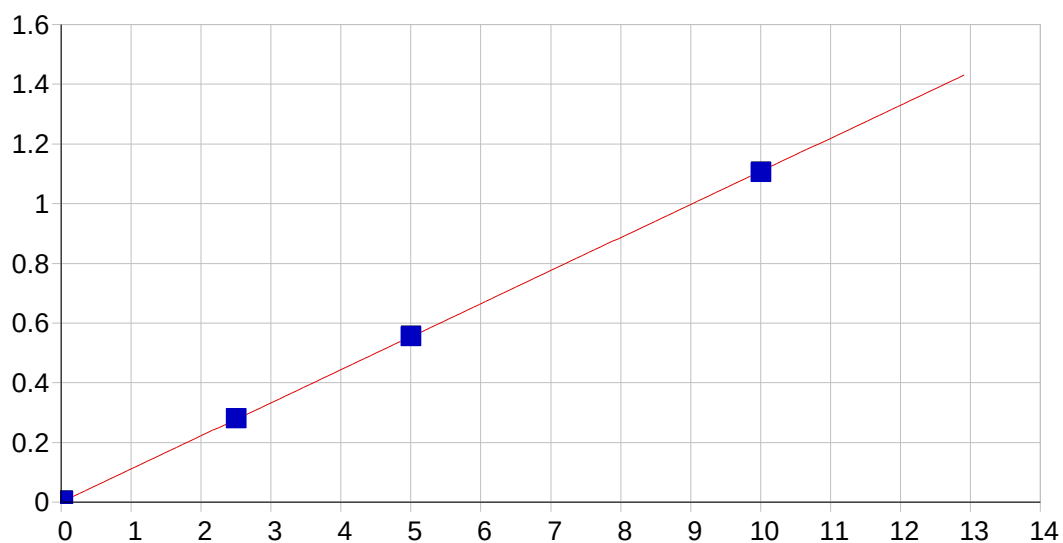
Date of Fit: 8/1/2017 11:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000538 Re-Slope: 1.000000
 A1 (Gain): 0.095085 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.001869
 Predicted MQL: 0.006229

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00054	.000	1
S1	.02000	.02176	.002	8.82	.00156	.000	1
S3	2.5000	2.5448	.045	1.79	.24176	.000	1
S4	5.0000	4.9971	-.003	-.058	.47527	.001	1
S5	10.000	9.9563	-.044	-.437	.94747	.000	1





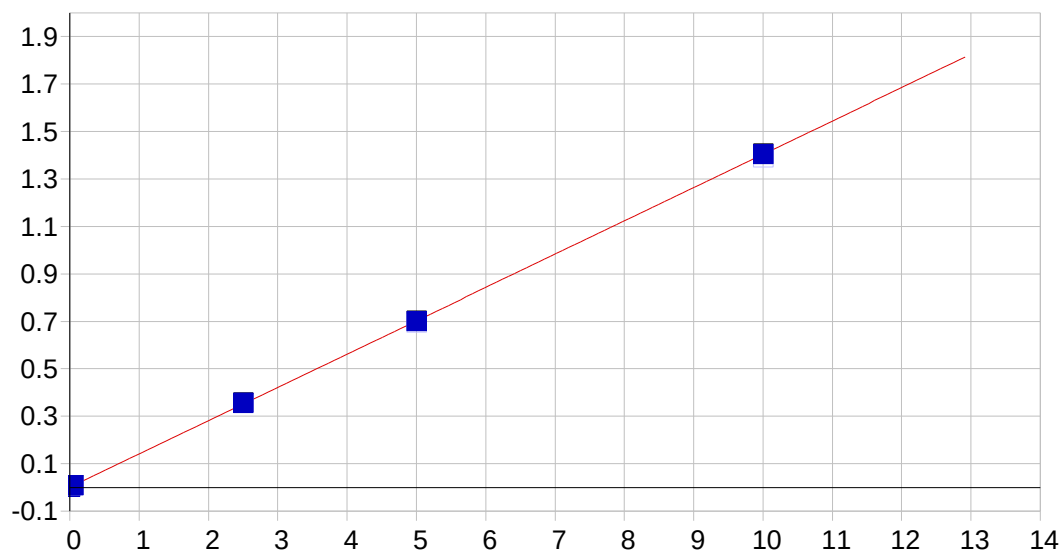


Se 196.090 {472}

Date of Fit: 8/1/2017 11:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000443 Re-Slope: 1.000000
 A1 (Gain): 0.110762 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.002059
 Predicted MQL: 0.006862

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00044	.000	1
S1	.02000	.02028	.000	1.38	.00269	.000	1
S3	2.5000	2.5214	.021	.856	.27988	.000	1
S4	5.0000	5.0115	.012	.230	.55585	.000	1
S5	10.000	9.9668	-.033	-.332	1.1050	.000	1

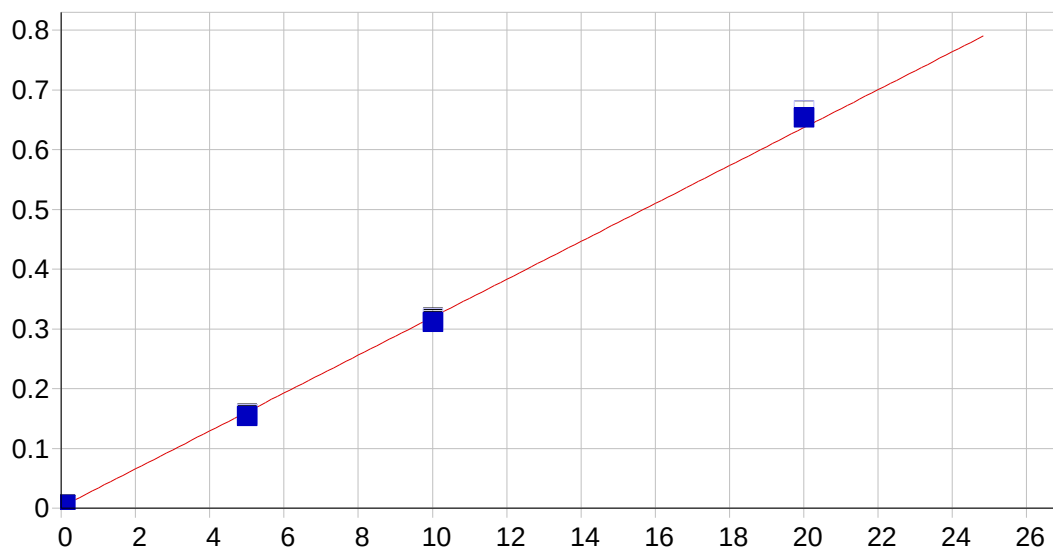


Sb 206.833 {463}

Date of Fit: 8/1/2017 11:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000220 Re-Slope: 1.000000
 A1 (Gain): 0.140406 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.001759
 Predicted MQL: 0.005864

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.05000	.04899	-.001	-2.03	.00704	.000	1
S3	2.5000	2.5301	.030	1.21	.35218	.000	1
S4	5.0000	4.9813	-.019	-.375	.69305	.001	1
S5	10.000	9.9896	-.010	-.104	1.3897	.002	1

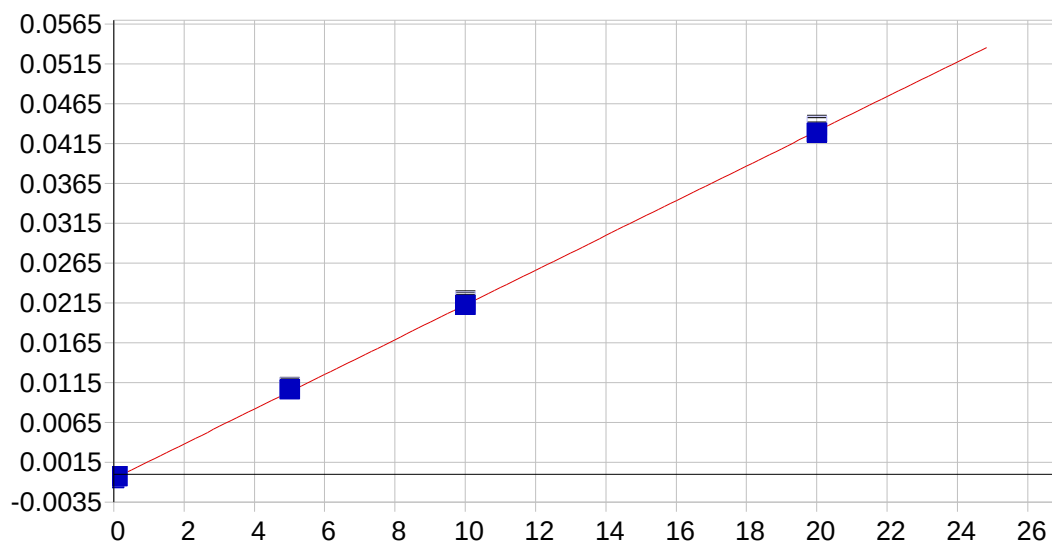


Al 308.215 {109}

Date of Fit: 8/1/2017 11:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002139 Re-Slope: 1.000000
 A1 (Gain): 0.031739 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999565 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.004371
 Predicted MQL: 0.014569

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00214	.000	1
S1	.10000	.08684	-.013	-13.2	.00511	.000	1
S3	5.0000	4.7739	-.226	-4.52	.15675	.001	1
S4	10.000	9.7347	-.265	-2.65	.31730	.001	1
S5	20.000	20.505	.505	2.53	.66533	.000	1



Date of Fit: 8/1/2017 11:24:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000547

Re-Slope: 1.000000

A1 (Gain): 0.002180

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999949

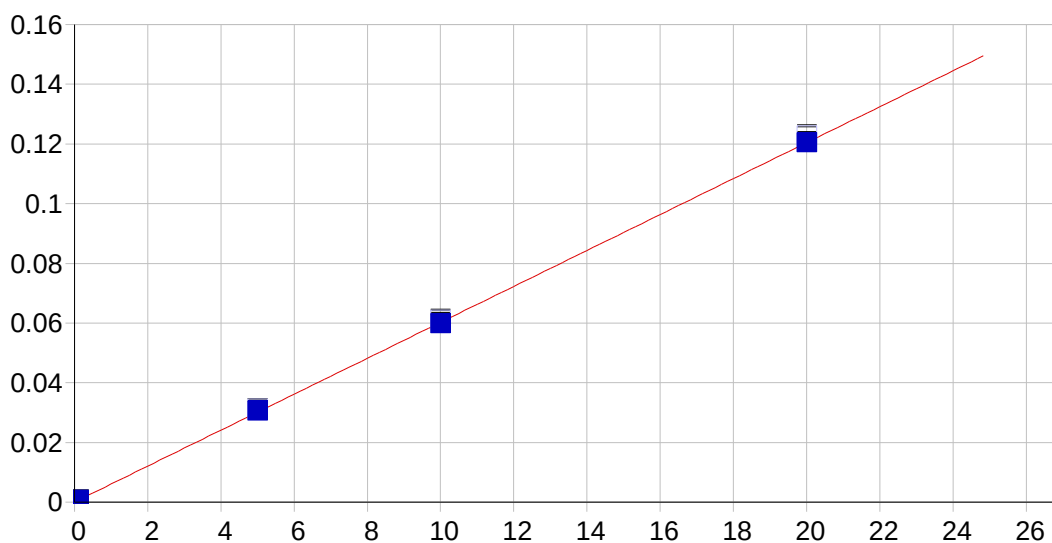
Status: OK.

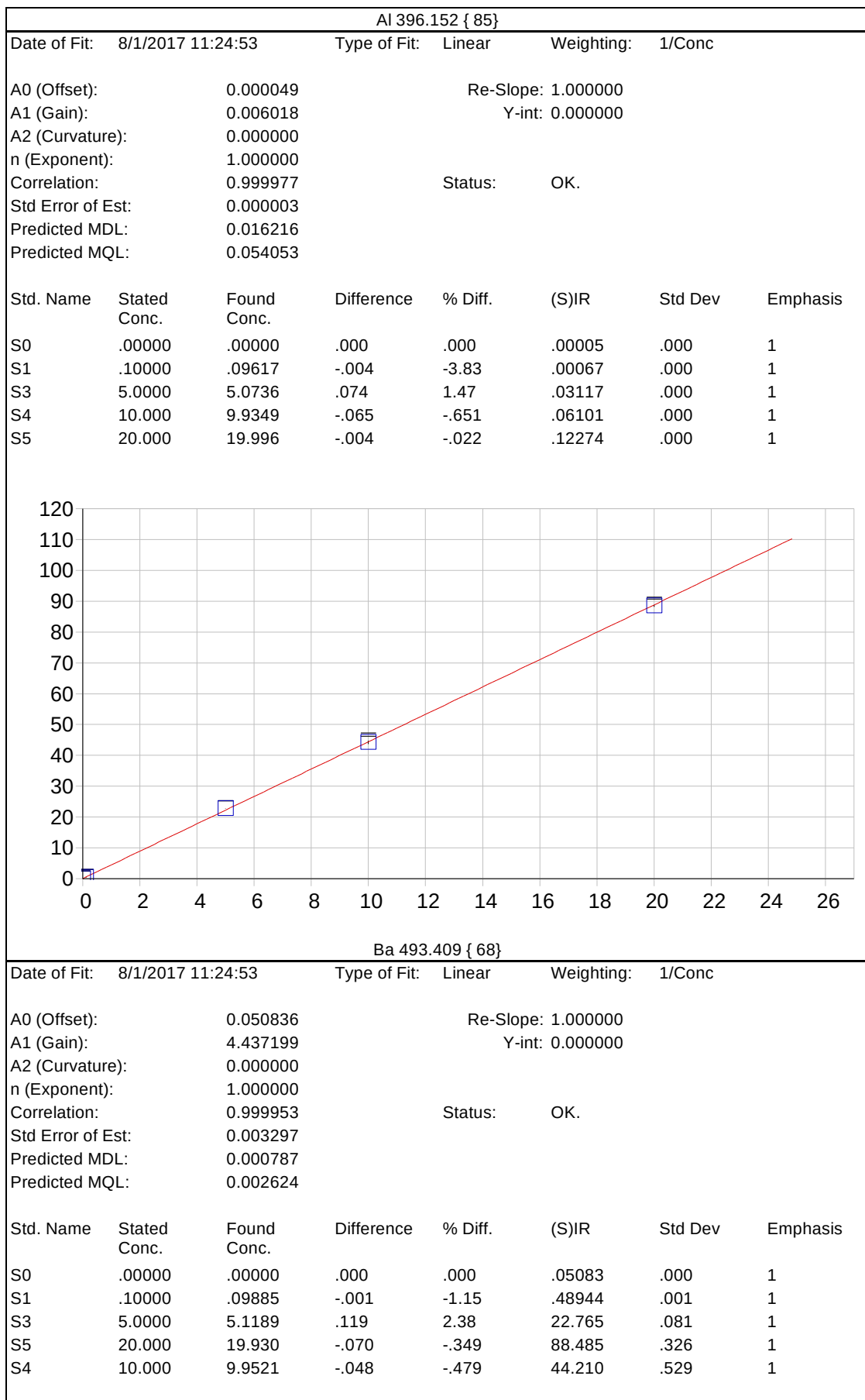
Std Error of Est: 0.000002

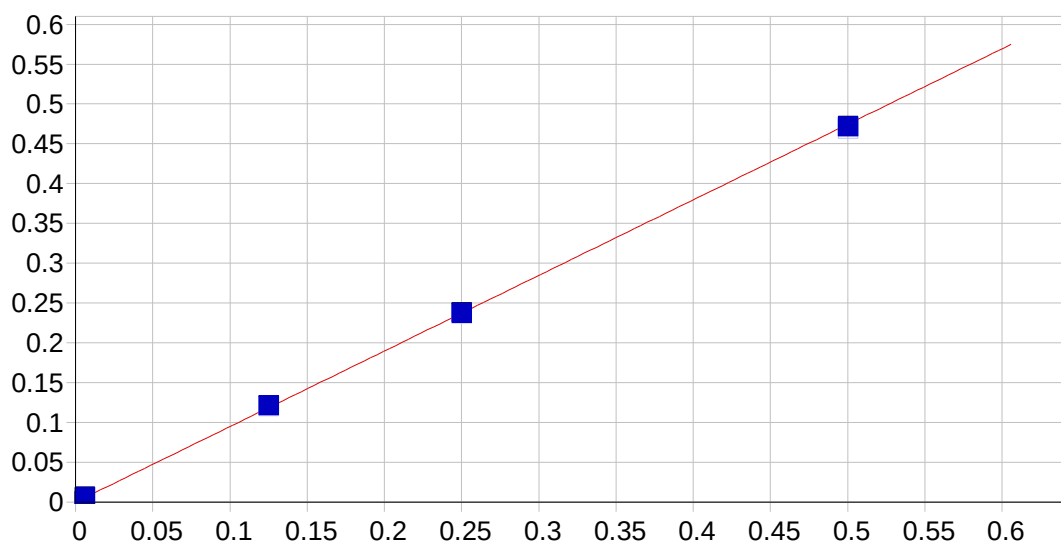
Predicted MDL: 0.031611

Predicted MQL: 0.105369

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00055	.000	1
S1	.10000	.10075	.001	.751	-.00031	.000	1
S3	5.0000	5.1239	.124	2.48	.01084	.000	1
S4	10.000	9.9862	-.014	-.138	.02165	.000	1
S5	20.000	19.889	-.111	-.554	.04366	.000	1





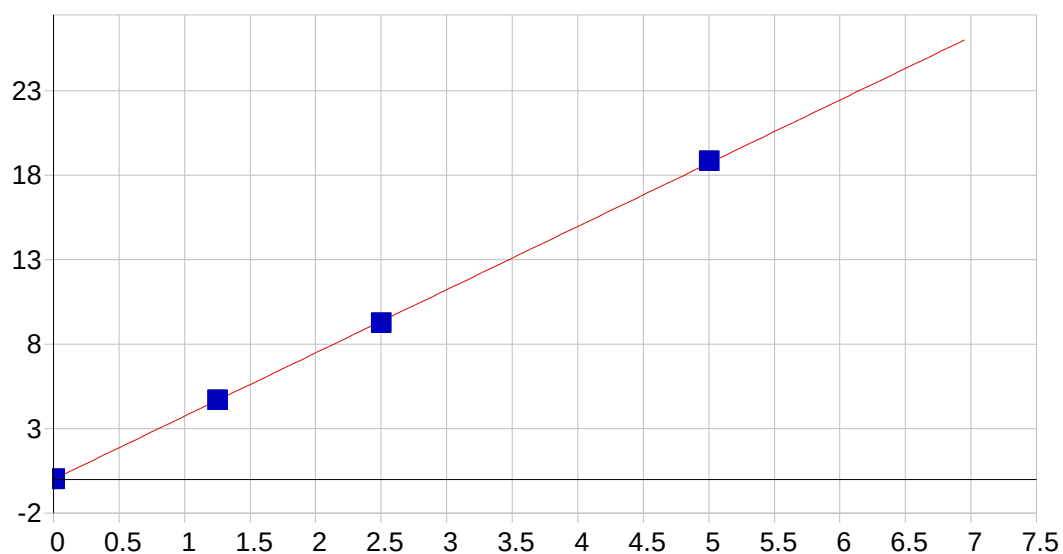


Be 234.861 {144}

Date of Fit: 8/1/2017 11:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000013 Re-Slope: 1.000000
 A1 (Gain): 0.948834 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.000070
 Predicted MQL: 0.000234

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.00600	.00615	.000	2.54	.00579	.000	1
S3	.12500	.12754	.003	2.04	.12025	.000	1
S4	.25000	.25038	.000	.153	.23602	.000	1
S5	.50000	.49692	-.003	-.615	.46839	.000	1

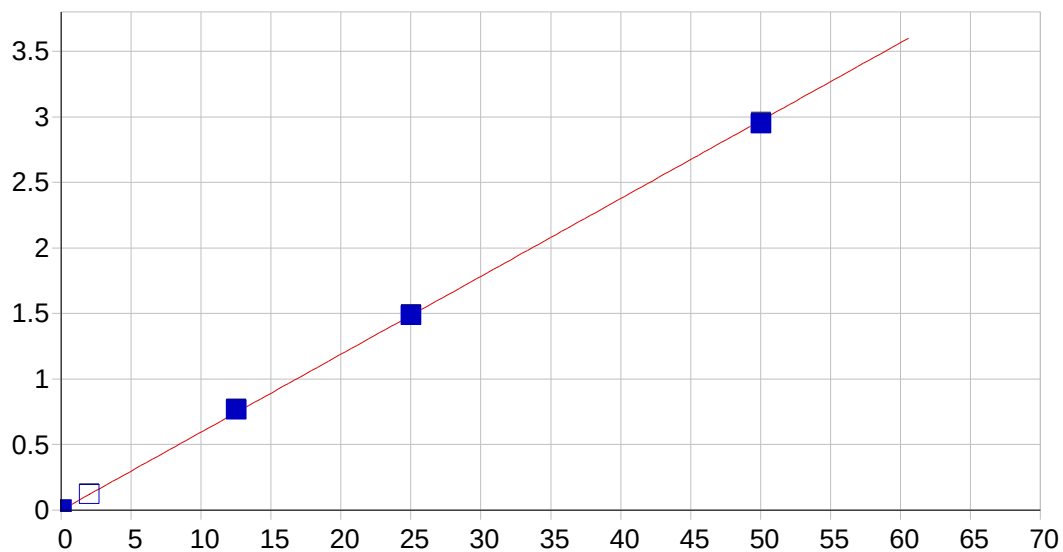


Cd 226.502 {449}

Date of Fit: 8/1/2017 11:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000260 Re-Slope: 1.000000
 A1 (Gain): 3.743320 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000287
 Predicted MDL: 0.000100
 Predicted MQL: 0.000333

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.00600	.00598	.000	-.296	.02215	.000	1
S3	1.2500	1.2483	-.002	-.133	4.6733	.007	1
S4	2.5000	2.4693	-.031	-1.23	9.2446	.004	1
S5	5.0000	5.0323	.032	.647	18.840	.004	1

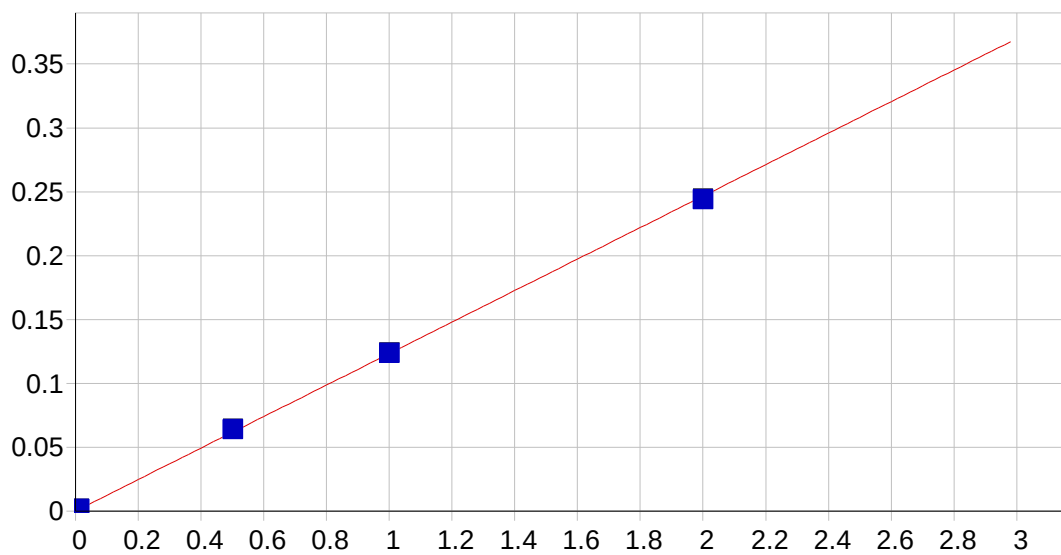


Ca 373.690 { 90}

Date of Fit: 8/1/2017 11:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000747 Re-Slope: 1.000000
 A1 (Gain): 0.059398 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000401
 Predicted MDL: 0.016837
 Predicted MQL: 0.056123

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0025	.003	.126	.11969	.000	1
S0	.00000	-.00005	.000	.000	.00074	.000	1
S3	12.500	12.868	.368	2.94	.76531	.003	1
S4	25.000	25.011	.011	.044	1.4869	.002	1
S5	50.000	49.619	-.381	-.762	2.9490	.007	1

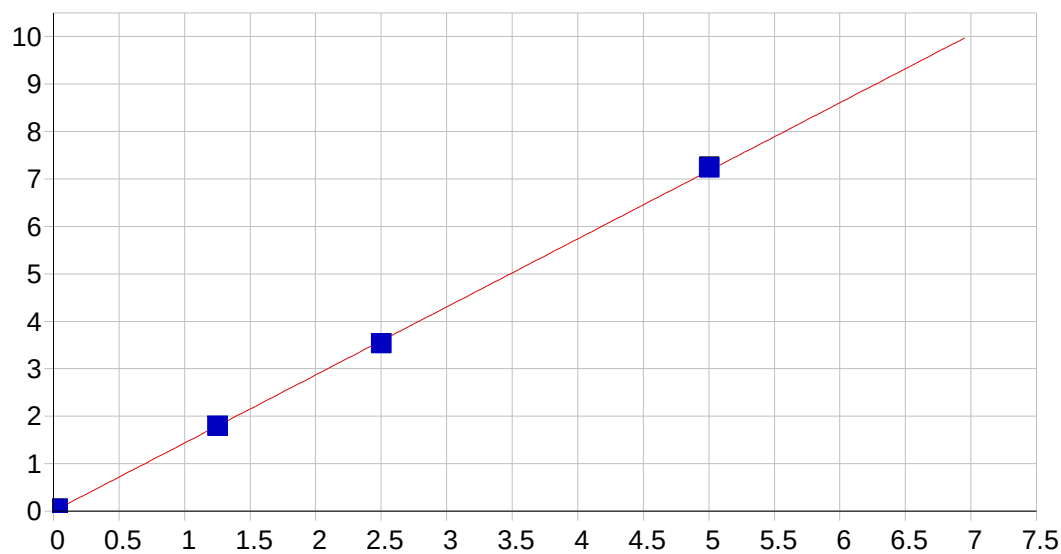


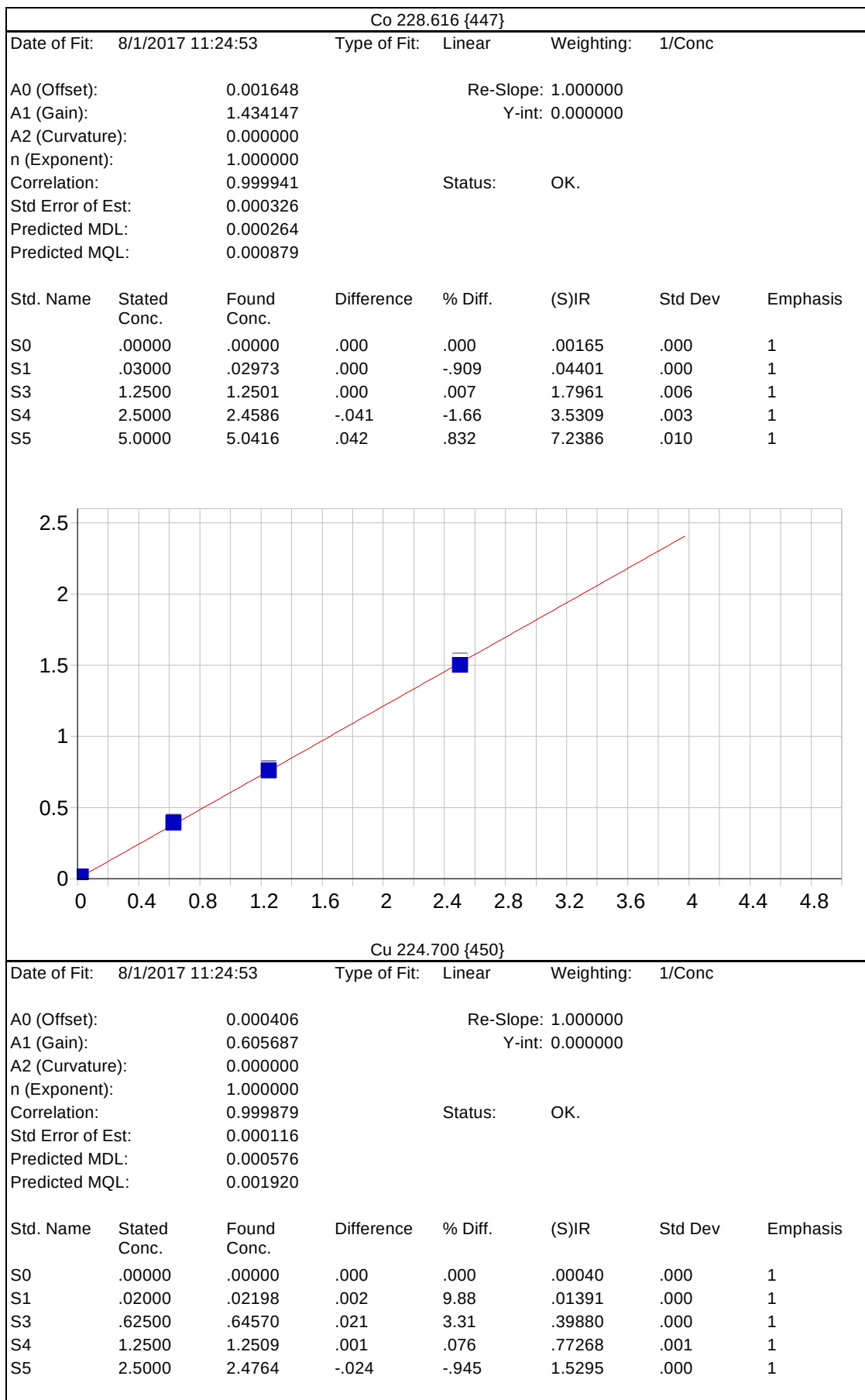
Cr 267.716 {126}

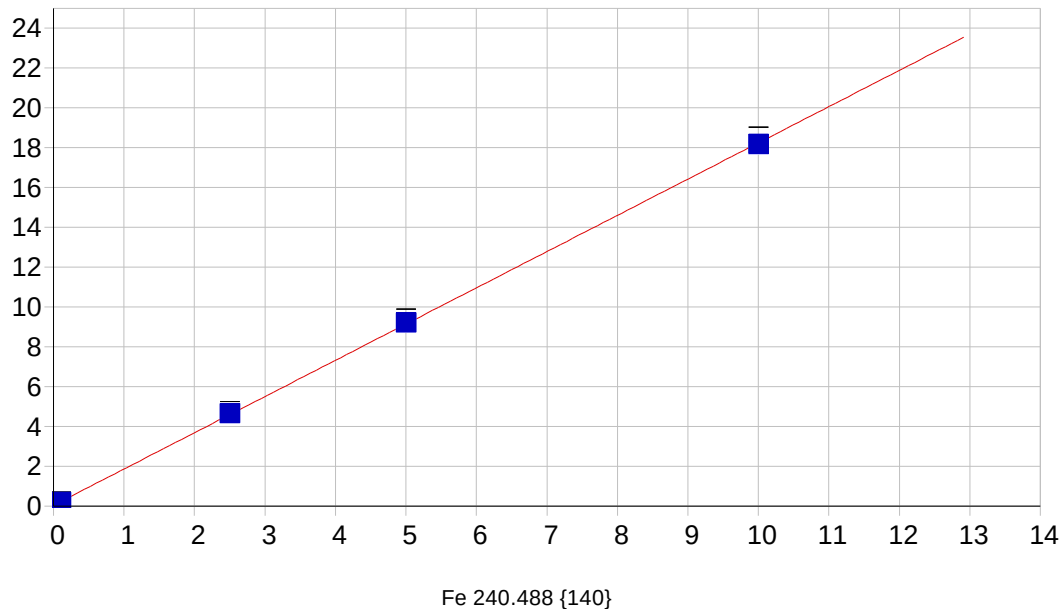
Date of Fit: 8/1/2017 11:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000086 Re-Slope: 1.000000
 A1 (Gain): 0.123263 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000640
 Predicted MQL: 0.002133

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.01000	.01001	.000	.120	.00132	.000	1
S3	.50000	.51890	.019	3.78	.06411	.000	1
S4	1.0000	1.0022	.002	.218	.12375	.000	1
S5	2.0000	1.9789	-.021	-1.05	.24428	.000	1



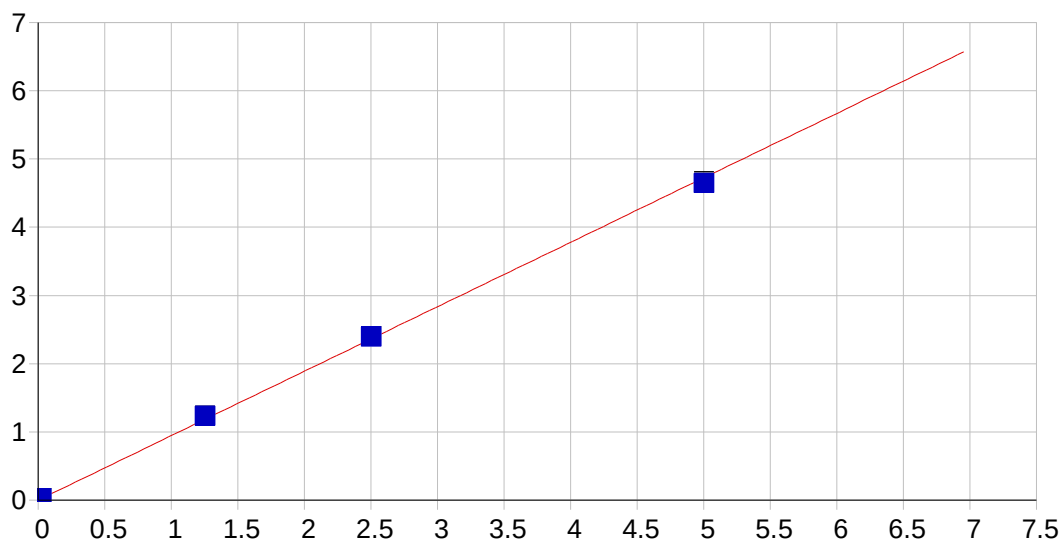


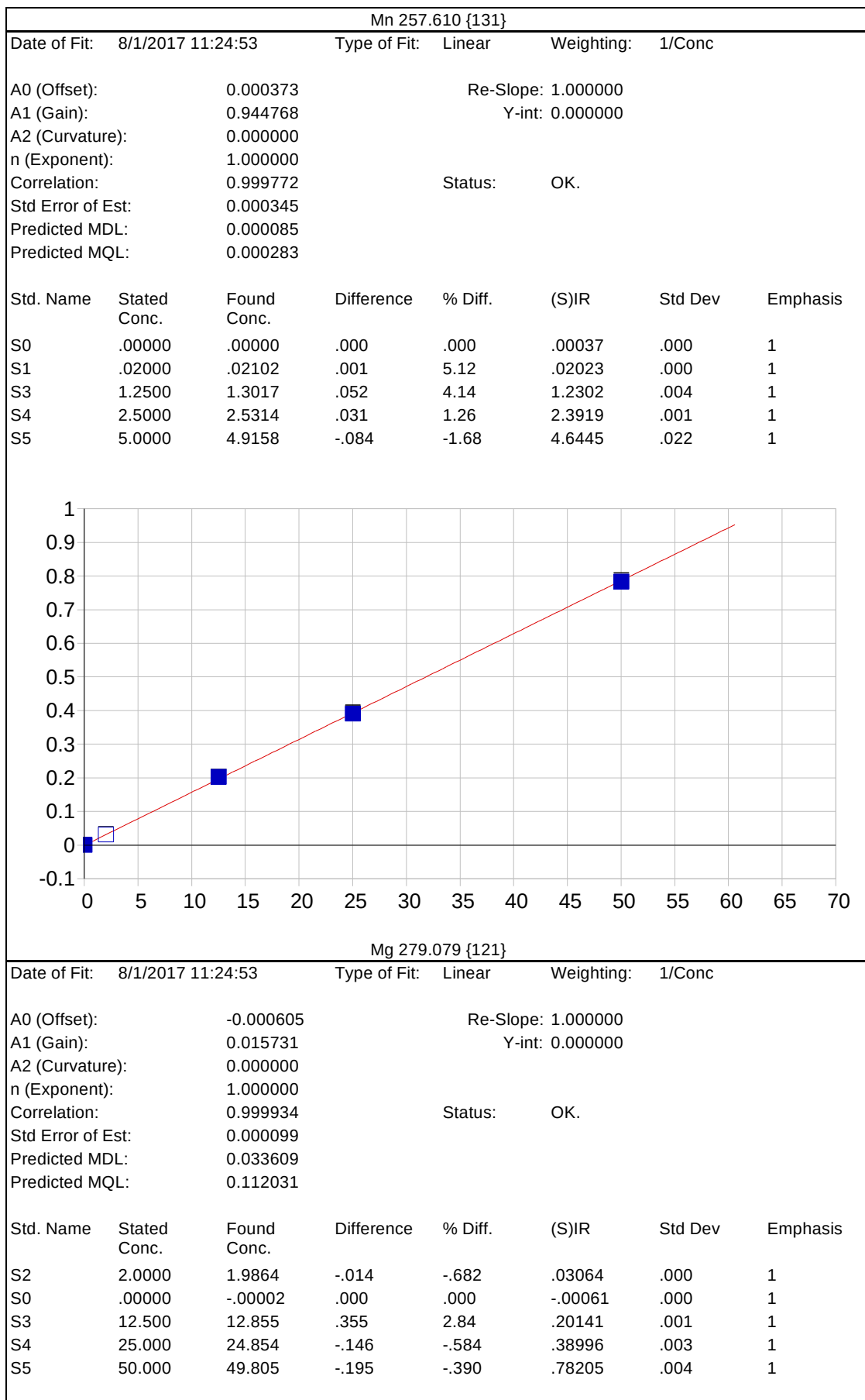


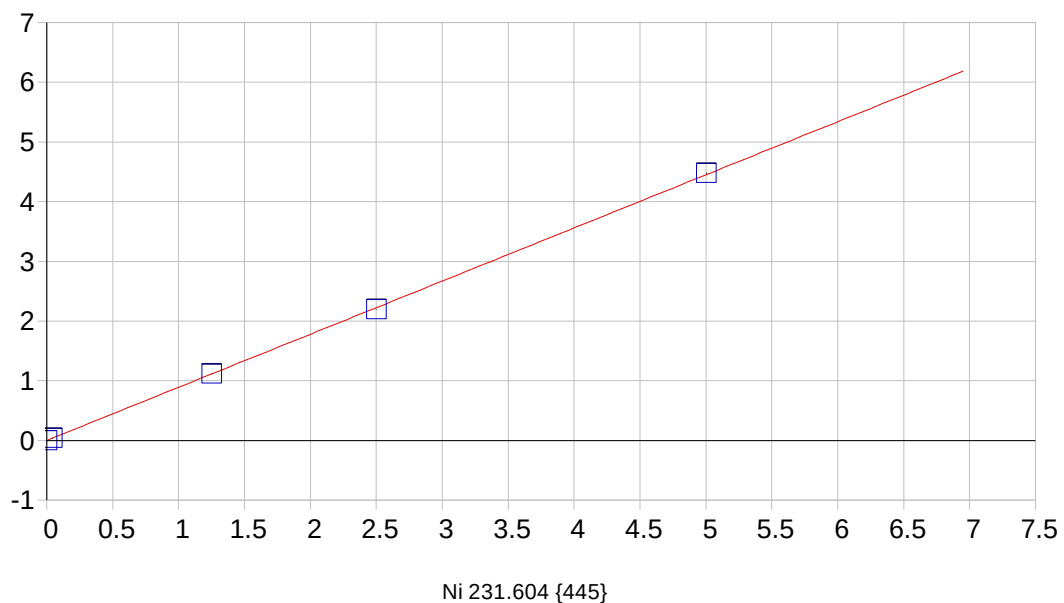
Date of Fit: 8/1/2017 11:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.044252 Re-Slope: 1.000000
 A1 (Gain): 1.820103 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.001425
 Predicted MDL: 0.008339
 Predicted MQL: 0.027796

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.04428	.003	1
S1	.10000	.08268	-.017	-17.3	.19453	.020	1
S3	2.5000	2.5263	.026	1.05	4.6341	.103	1
S4	5.0000	5.0334	.033	.668	9.1891	.189	1
S5	10.000	9.9577	-.042	-.423	18.135	.378	1



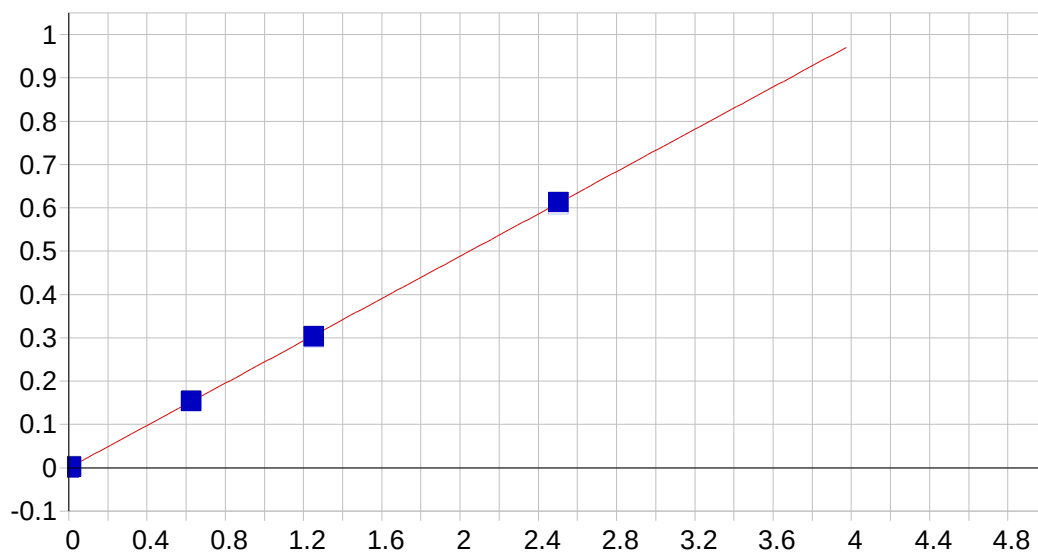


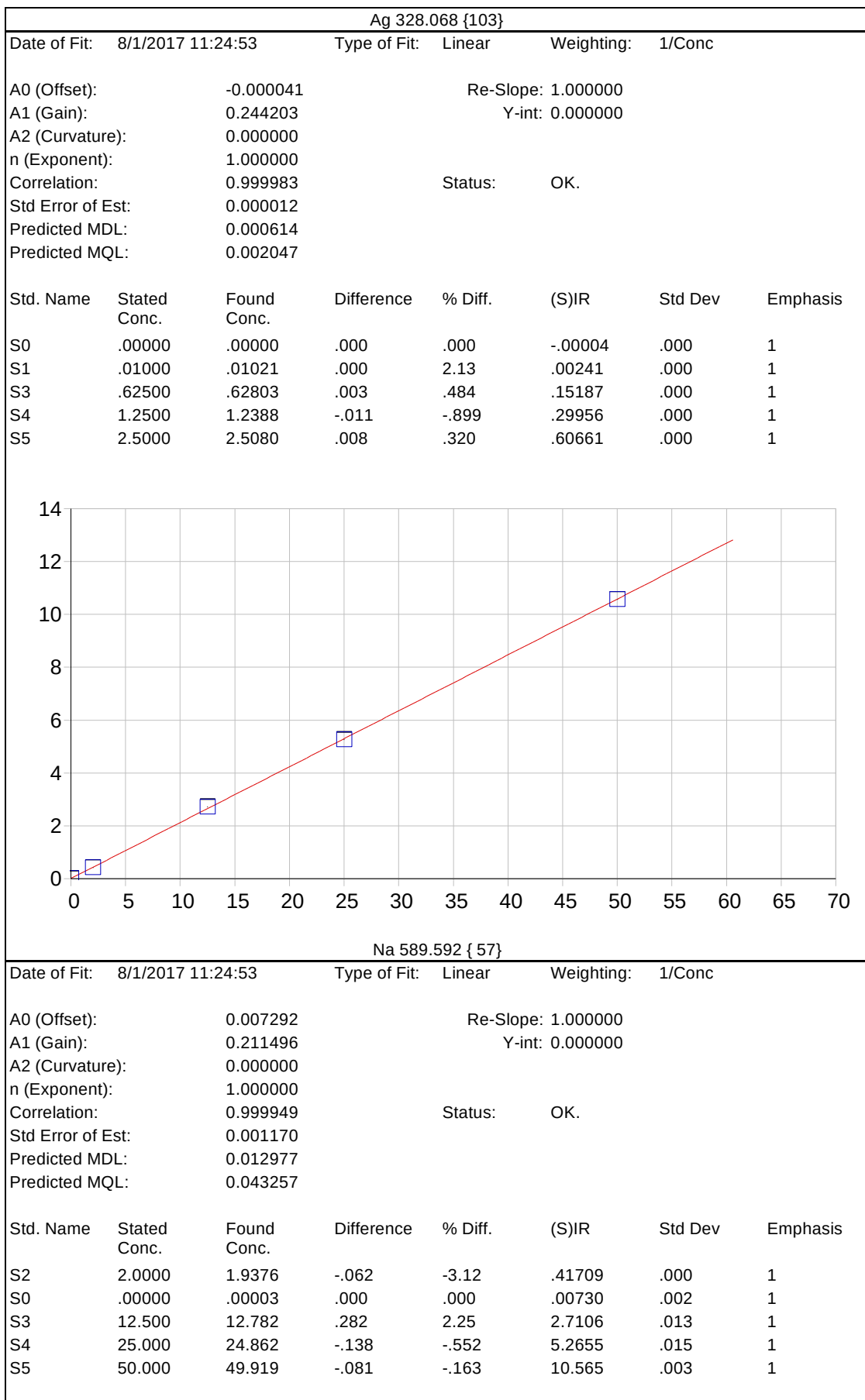


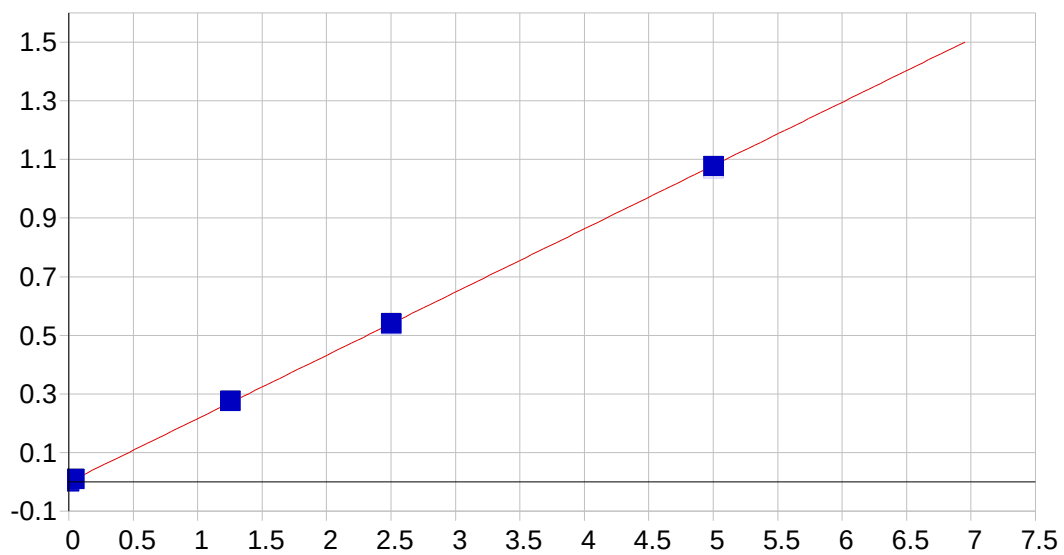
Date of Fit: 8/1/2017 11:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000213 Re-Slope: 1.000000
 A1 (Gain): 0.889838 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000184
 Predicted MDL: 0.000416
 Predicted MQL: 0.001386

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.04000	.03991	.000	-.216	.03573	.000	1
S3	1.2500	1.2531	.003	.245	1.1152	.002	1
S4	2.5000	2.4665	-.033	-1.34	2.1950	.003	1
S5	5.0000	5.0305	.030	.610	4.4765	.001	1







V 292.402 {115}

Date of Fit: 8/1/2017 11:24:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000216

Re-Slope: 1.000000

A1 (Gain): 0.215885

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999973

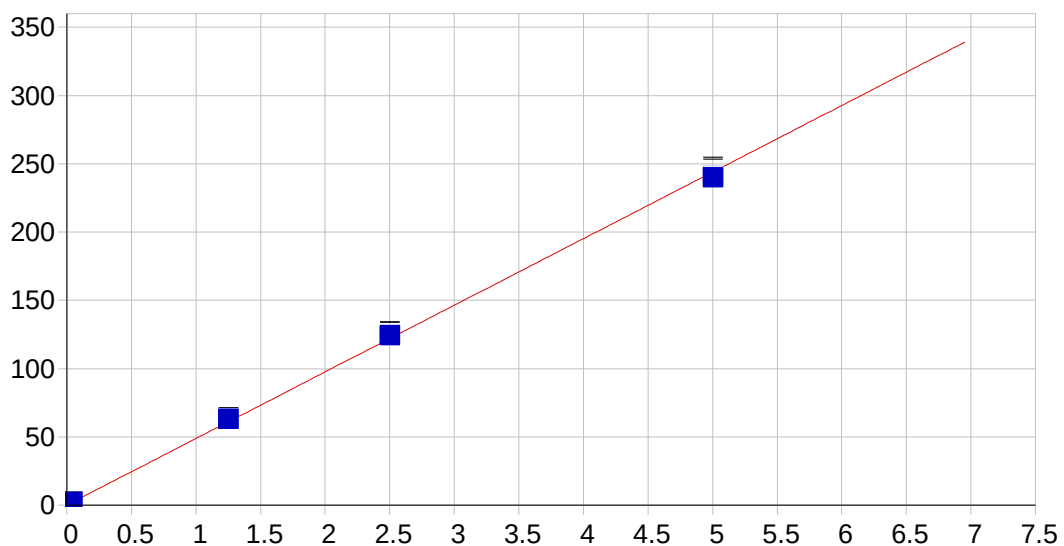
Status: OK.

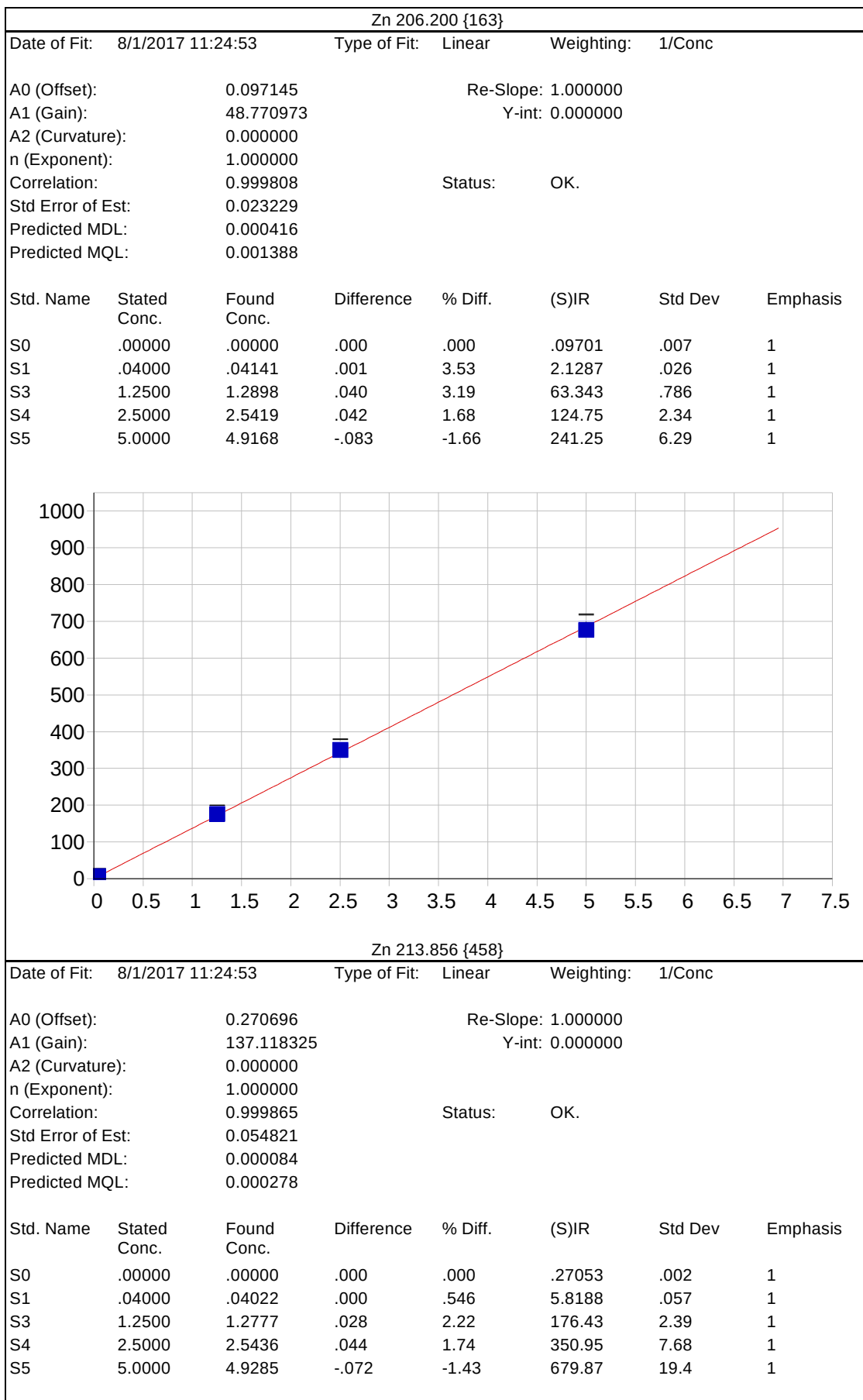
Std Error of Est: 0.000038

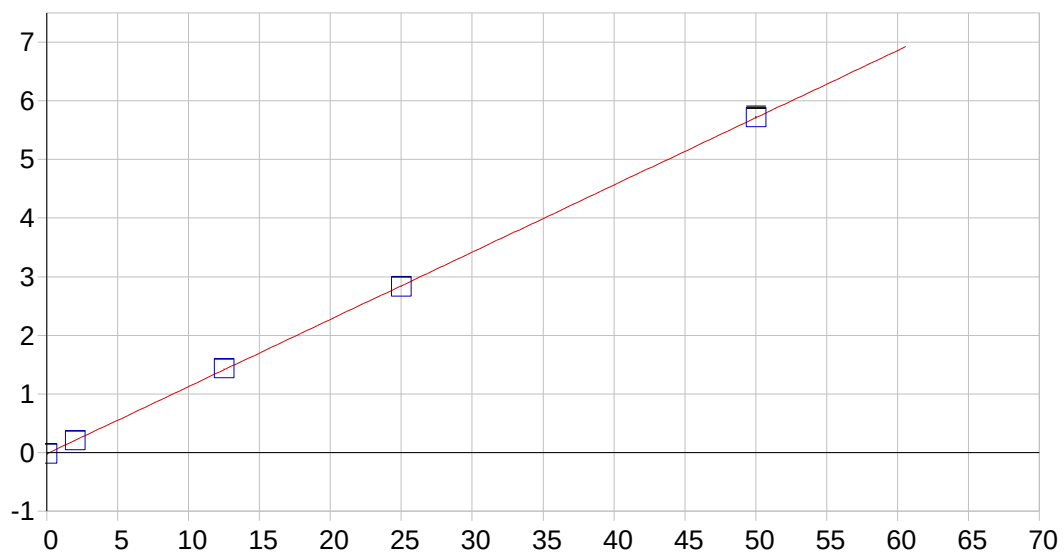
Predicted MDL: 0.000519

Predicted MQL: 0.001729

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.04000	.03980	.000	-.491	.00824	.000	1
S3	1.2500	1.2723	.022	1.78	.27272	.001	1
S4	2.5000	2.4965	-.003	-.139	.53527	.001	1
S5	5.0000	4.9814	-.019	-.372	1.0682	.000	1





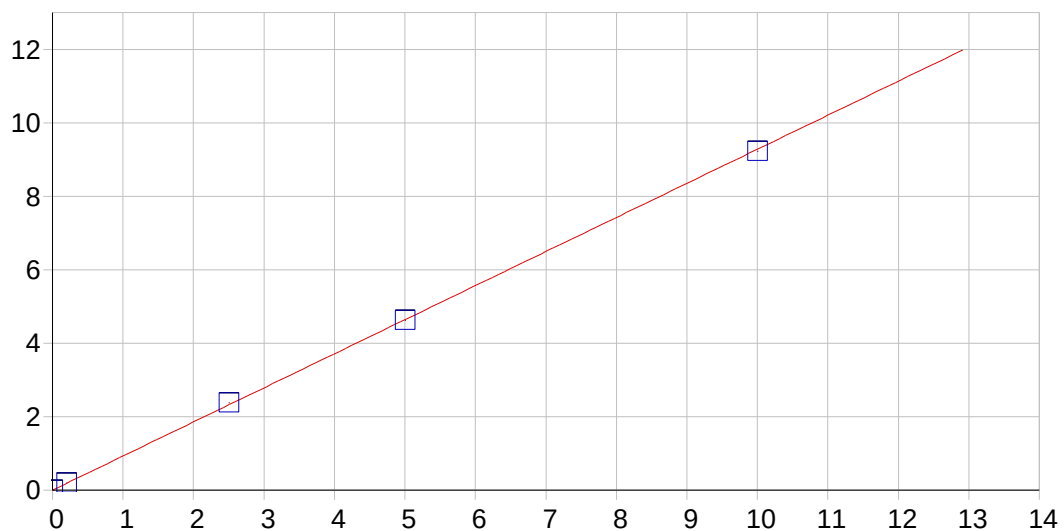


K 766.490 { 44}

Date of Fit: 8/1/2017 11:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.021833 Re-Slope: 1.000000
 A1 (Gain): 0.114650 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000479
 Predicted MDL: 0.032700
 Predicted MQL: 0.109002

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9374	-.063	-3.13	.20029	.002	1
S0	.00000	.00005	.000	.000	-.02183	.001	1
S3	12.500	12.662	.162	1.30	1.4299	.003	1
S4	25.000	24.835	-.165	-.659	2.8255	.005	1
S5	50.000	50.065	.065	.131	5.7181	.023	1

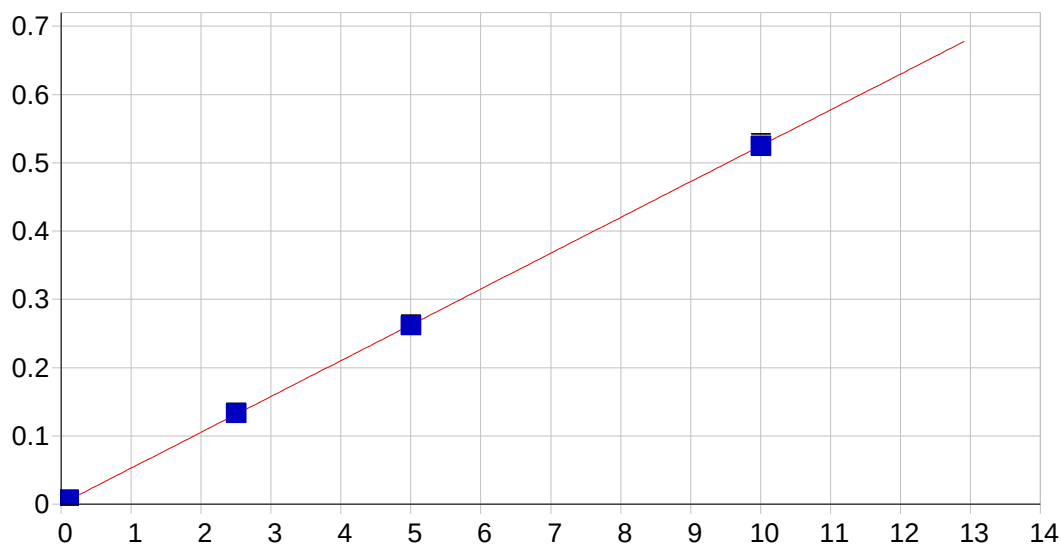


Mo 202.030 {467}

Date of Fit: 8/1/2017 11:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001083 Re-Slope: 1.000000
 A1 (Gain): 0.927661 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000802
 Predicted MDL: 0.000276
 Predicted MQL: 0.000920

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00107	.000	1
S1	.20000	.21005	.010	5.03	.19594	.001	1
S3	2.5000	2.5592	.059	2.37	2.3752	.000	1
S4	5.0000	4.9848	-.015	-.305	4.6253	.002	1
S5	10.000	9.9460	-.054	-.540	9.2276	.003	1

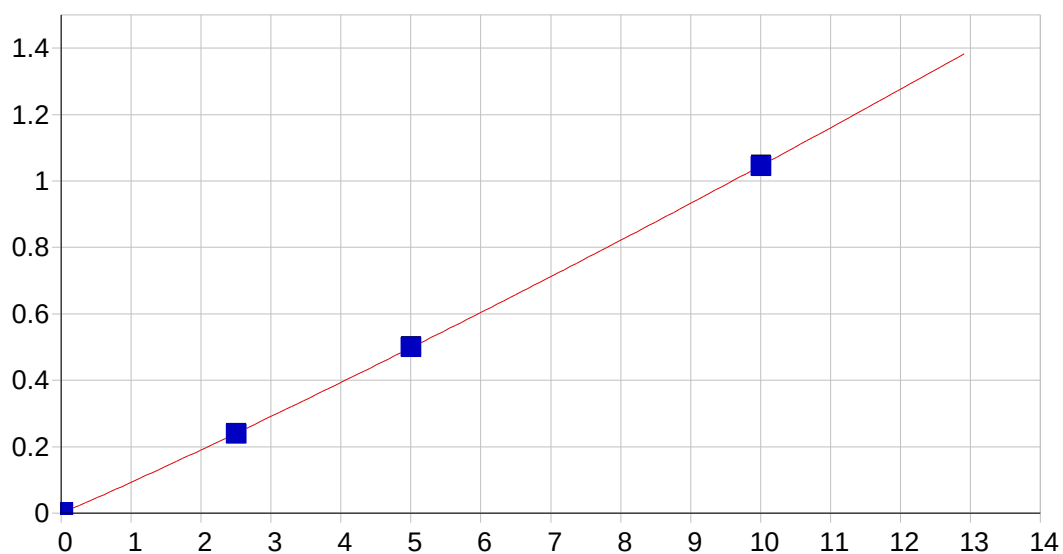


B 249.678 {135}

Date of Fit: 8/1/2017 11:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000311 Re-Slope: 1.000000
 A1 (Gain): 0.052466 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.008050
 Predicted MQL: 0.026834

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.10000	.10129	.001	1.29	.00561	.000	1
S3	2.5000	2.5284	.028	1.14	.13279	.000	1
S4	5.0000	4.9820	-.018	-.359	.26135	.001	1
S5	10.000	9.9883	-.012	-.117	.52365	.004	1

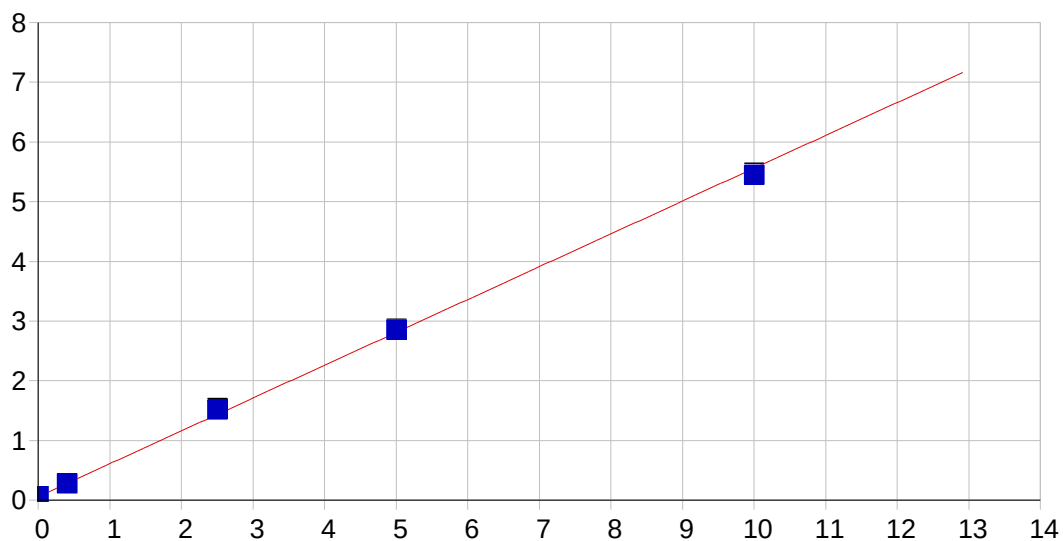


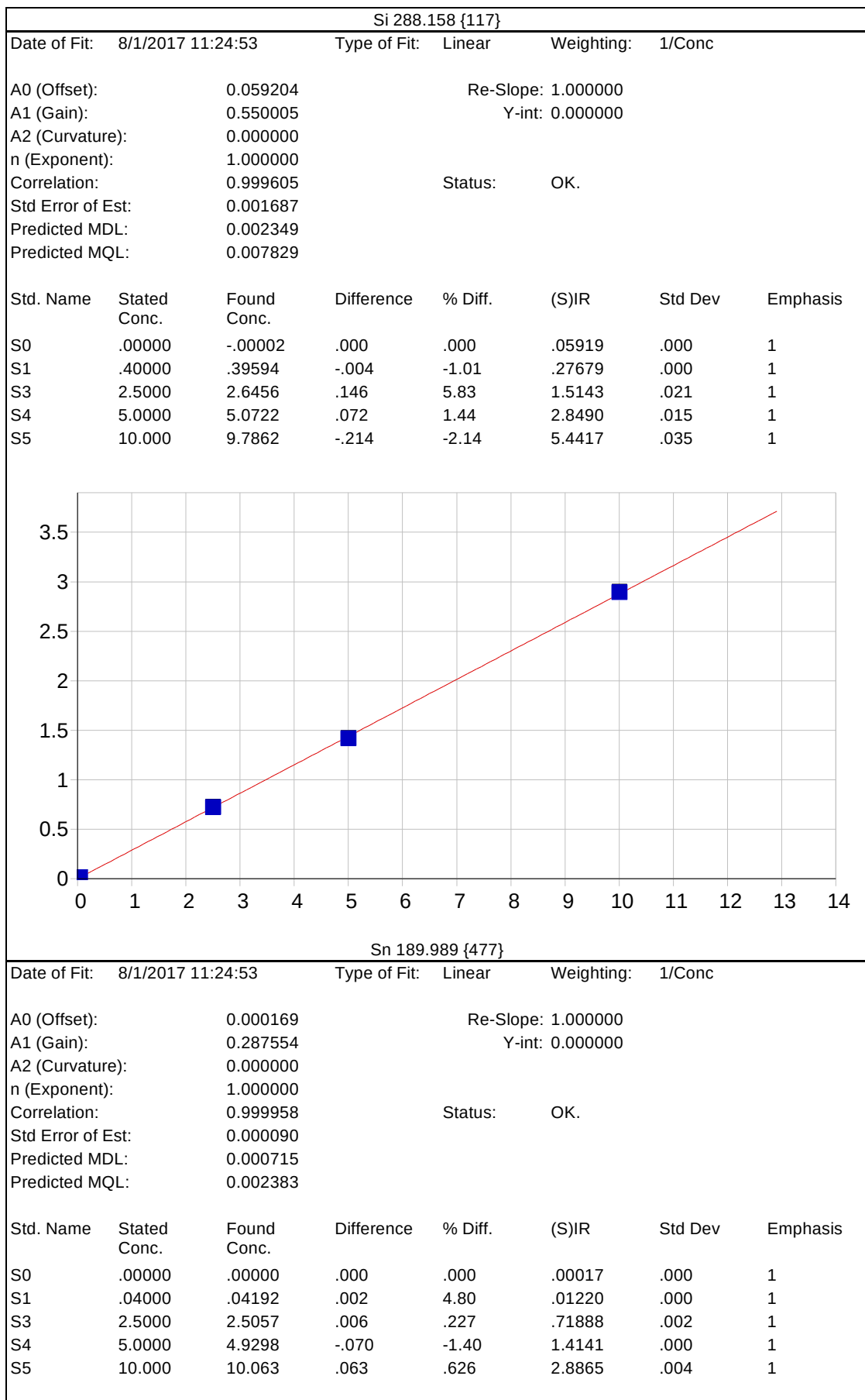
S 182.034 {485}

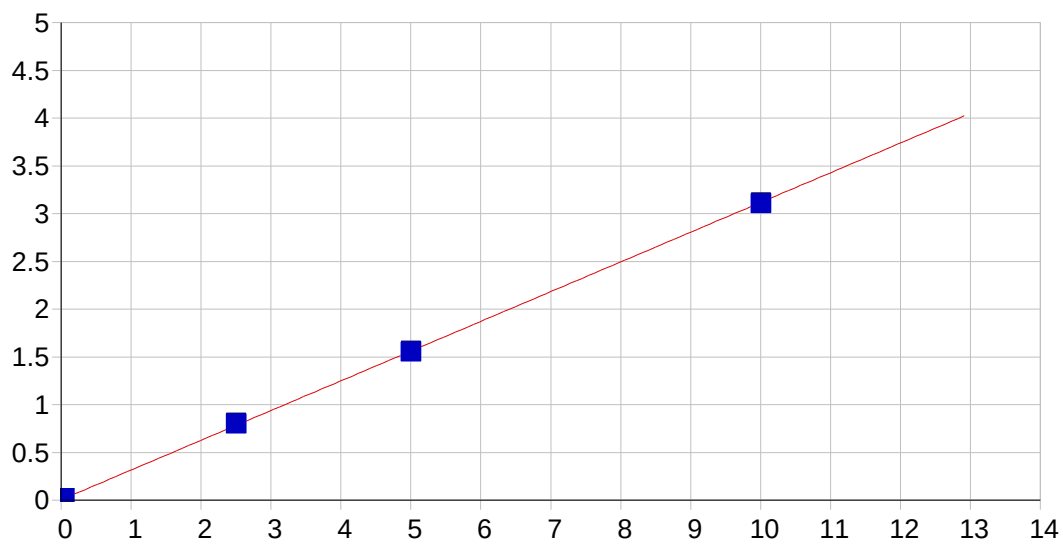
Date of Fit: 8/1/2017 11:24:53 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000119 Re-Slope: 1.000000
 A1 (Gain): 0.092265 Y-int: 0.000000
 A2 (Curvature): 0.000495
 n (Exponent): 1.030000
 Correlation: 0.999995 Status: Warning Positive Curvature
 Std Error of Est: 0.000014
 Predicted MDL: 0.002254
 Predicted MQL: 0.007513

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.02000	.02083	.001	4.16	.00178	.000	1
S3	2.5000	2.4858	-.014	-.567	.23860	.000	1
S4	5.0000	5.0186	.019	.373	.49896	.000	1
S5	10.000	9.9946	-.005	-.054	1.0432	.002	1







Ti 336.121 {100}

Date of Fit: 8/1/2017 11:24:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004431

Re-Slope: 1.000000

A1 (Gain): 0.311183

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999960

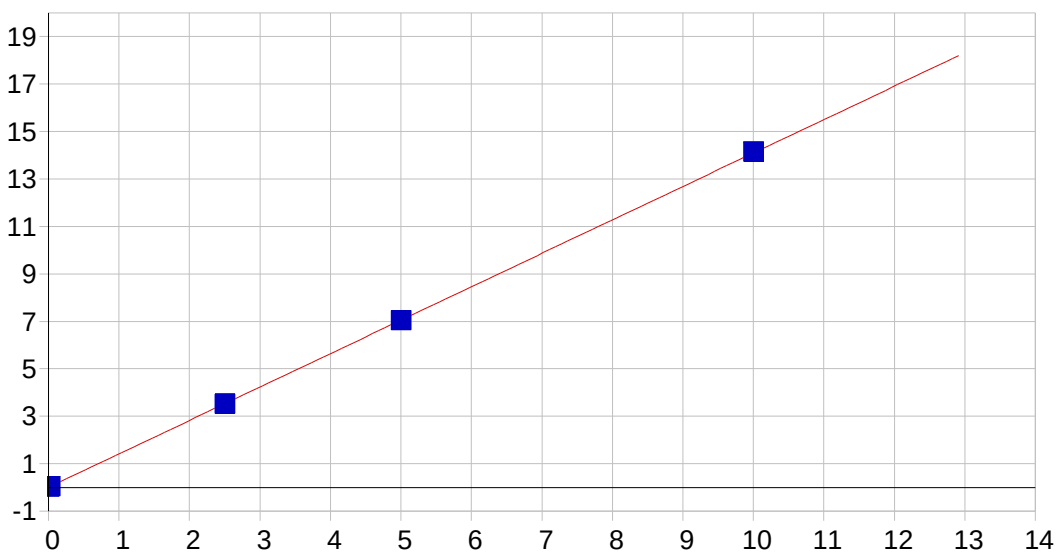
Status: OK.

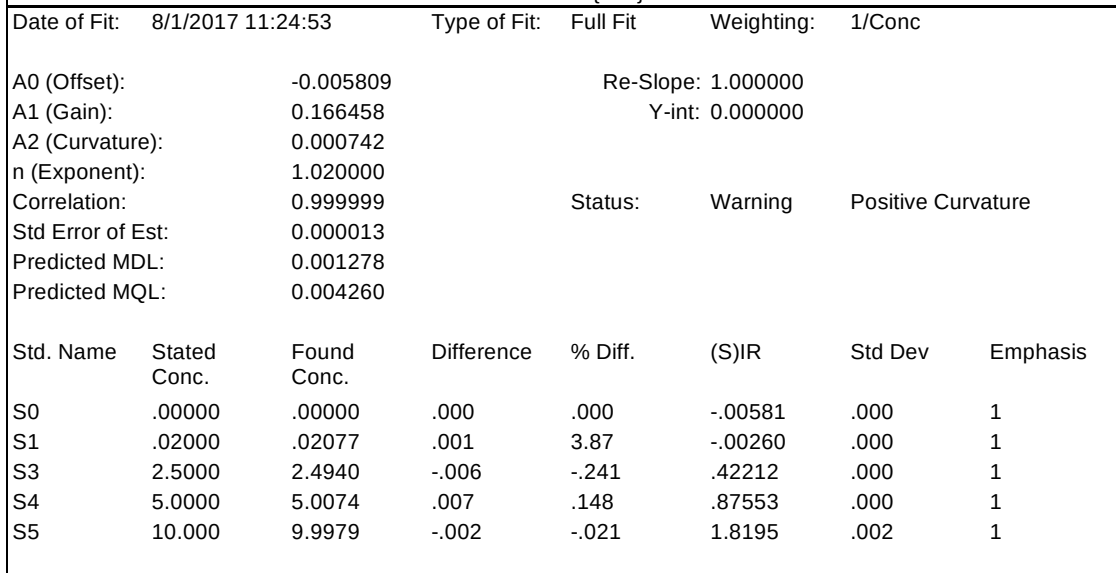
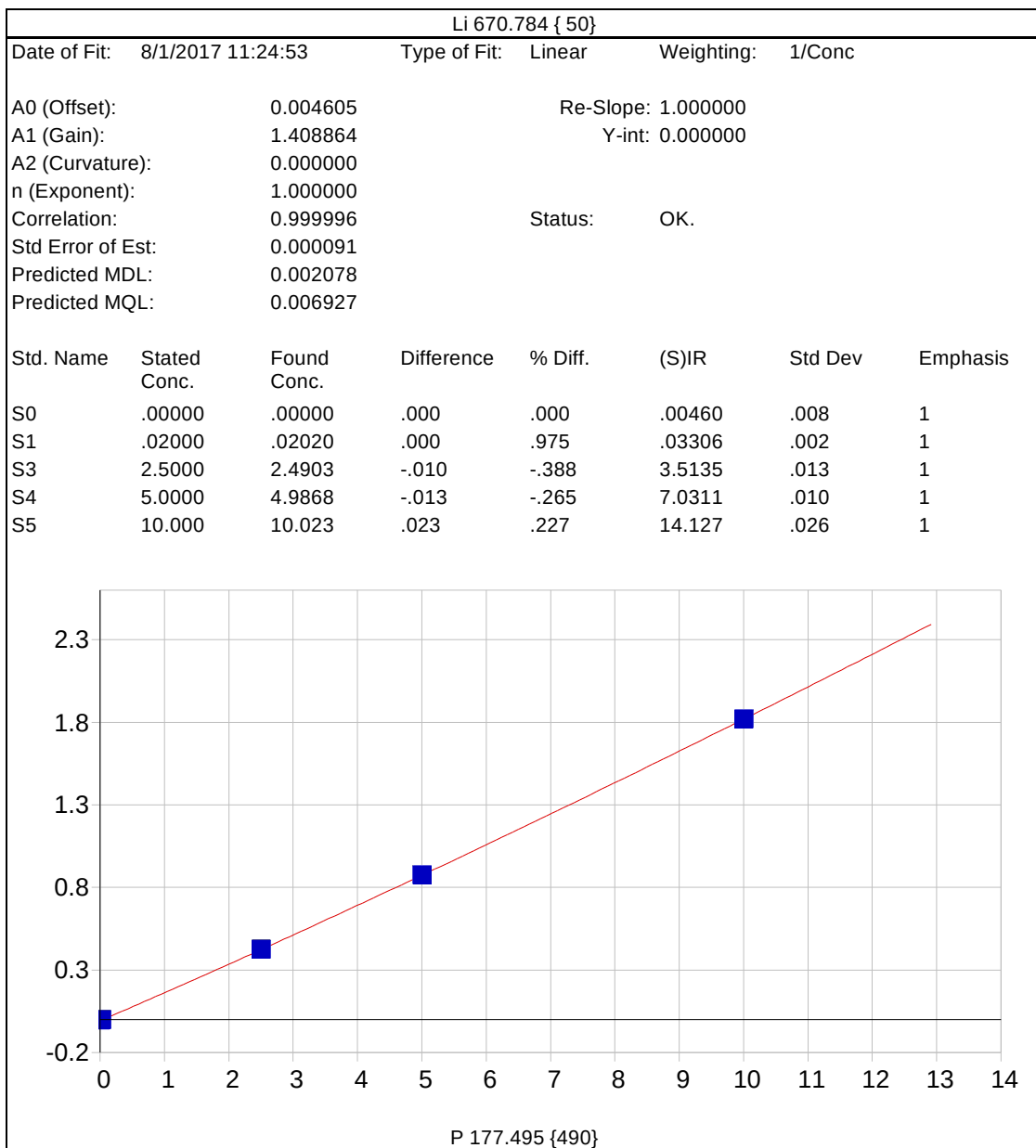
Std Error of Est: 0.000095

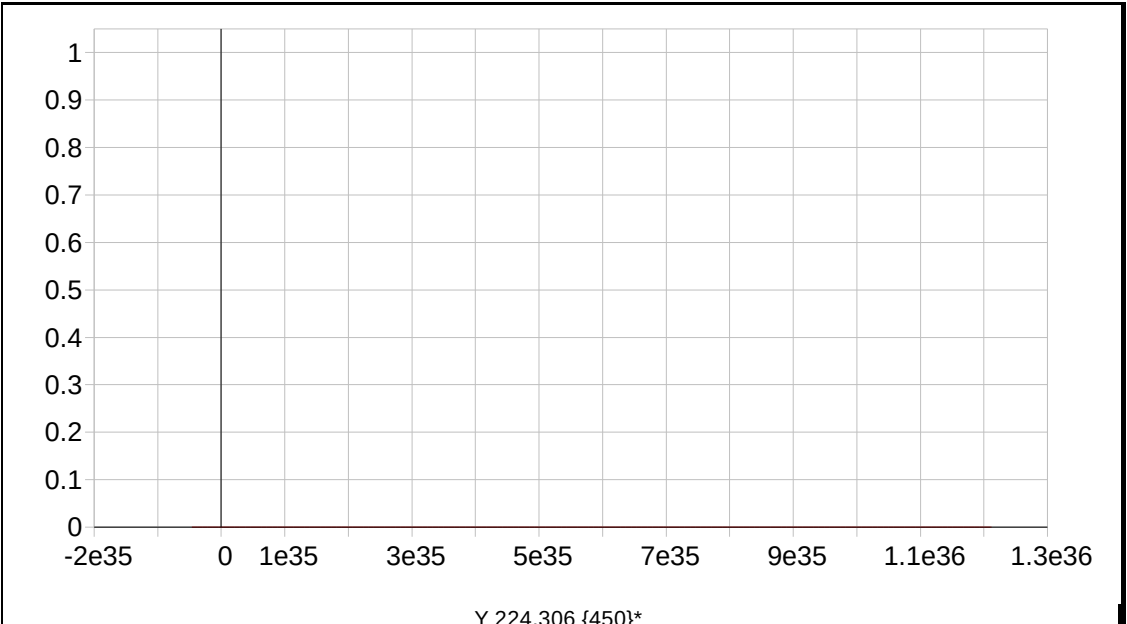
Predicted MDL: 0.002221

Predicted MQL: 0.007404

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00443	.000	1
S1	.04000	.03893	-.001	-2.68	.01653	.000	1
S3	2.5000	2.5540	.054	2.16	.79885	.005	1
S4	5.0000	4.9792	-.021	-.416	1.5532	.004	1
S5	10.000	9.9678	-.032	-.322	3.1048	.002	1

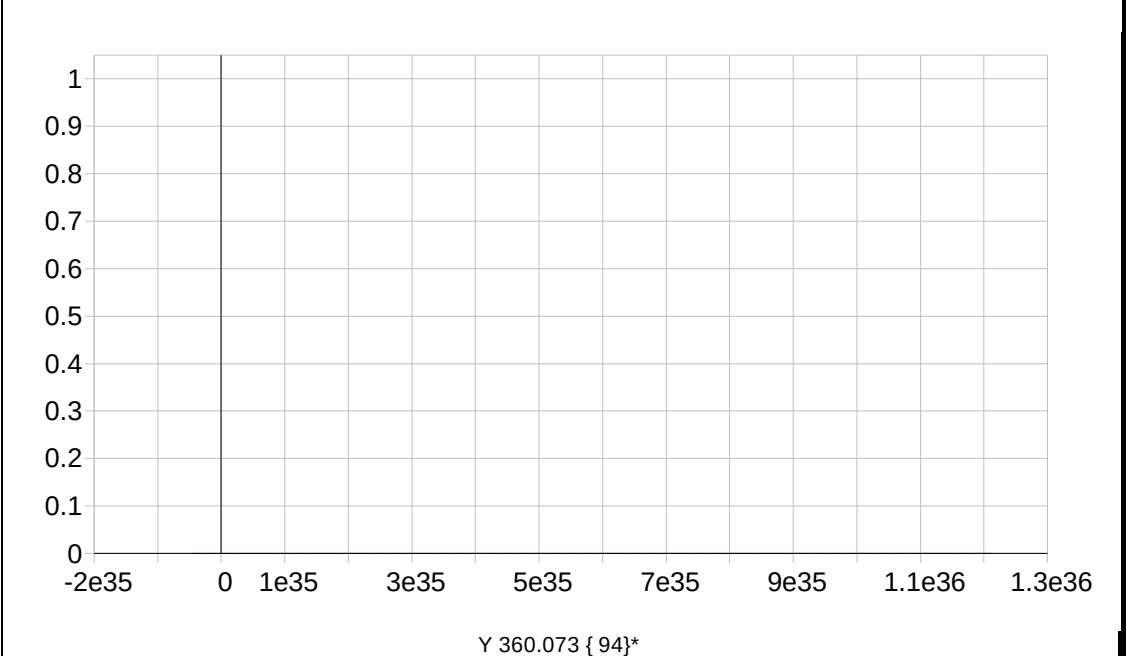




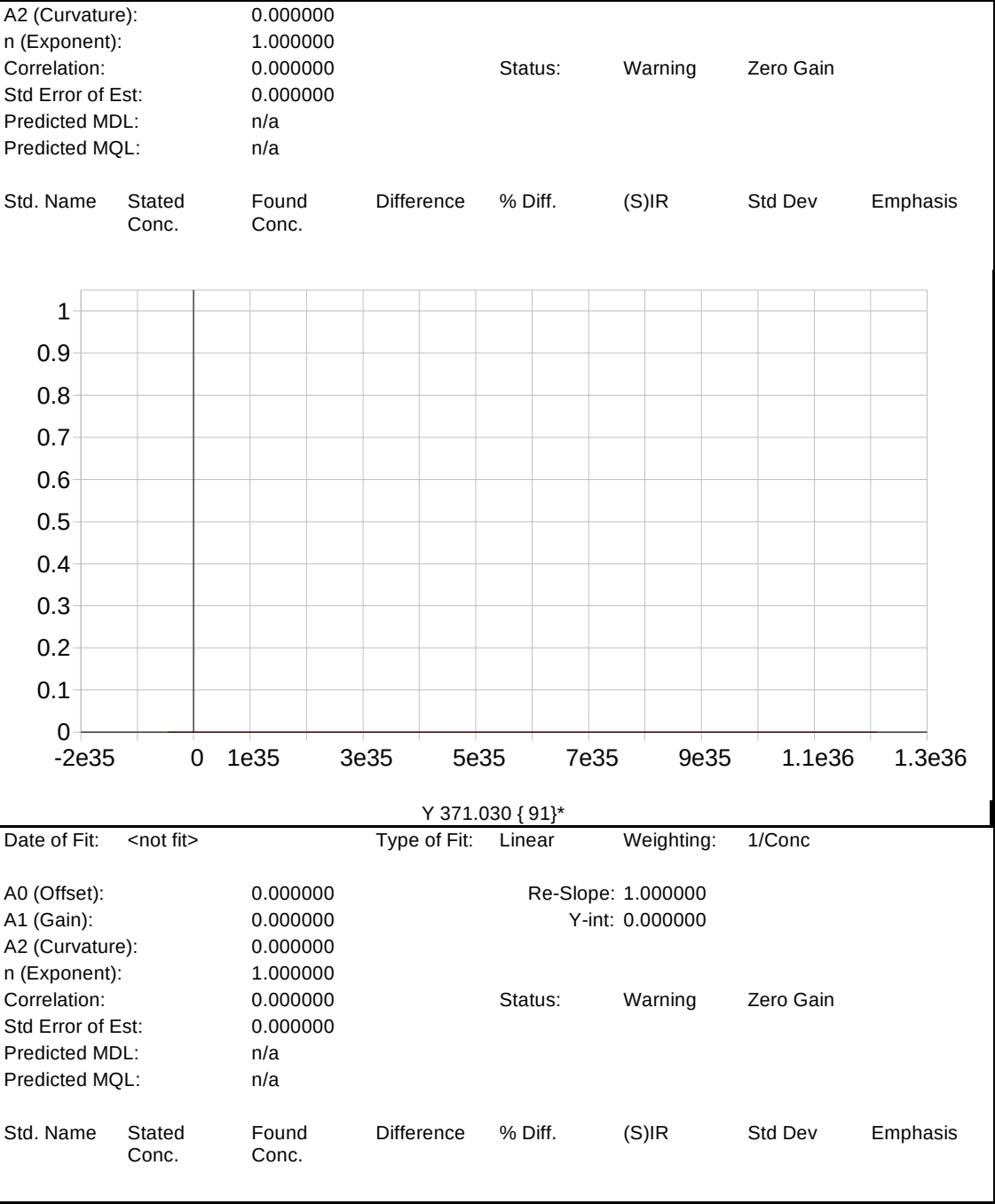


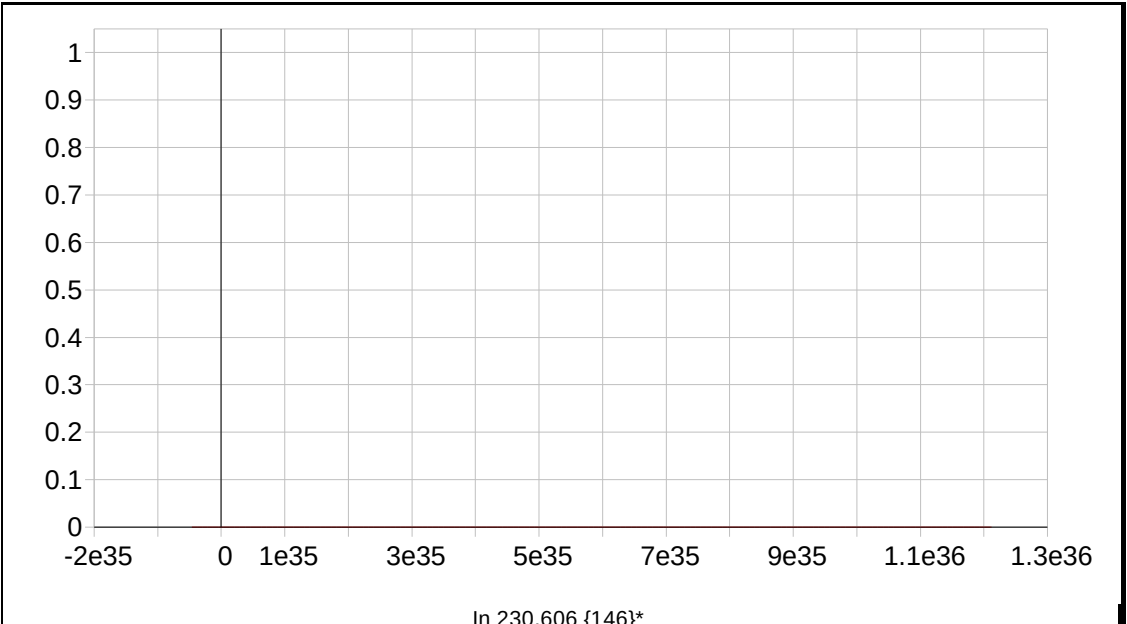
Y 224.306 {450}*
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Y 360.073 {94}*
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000

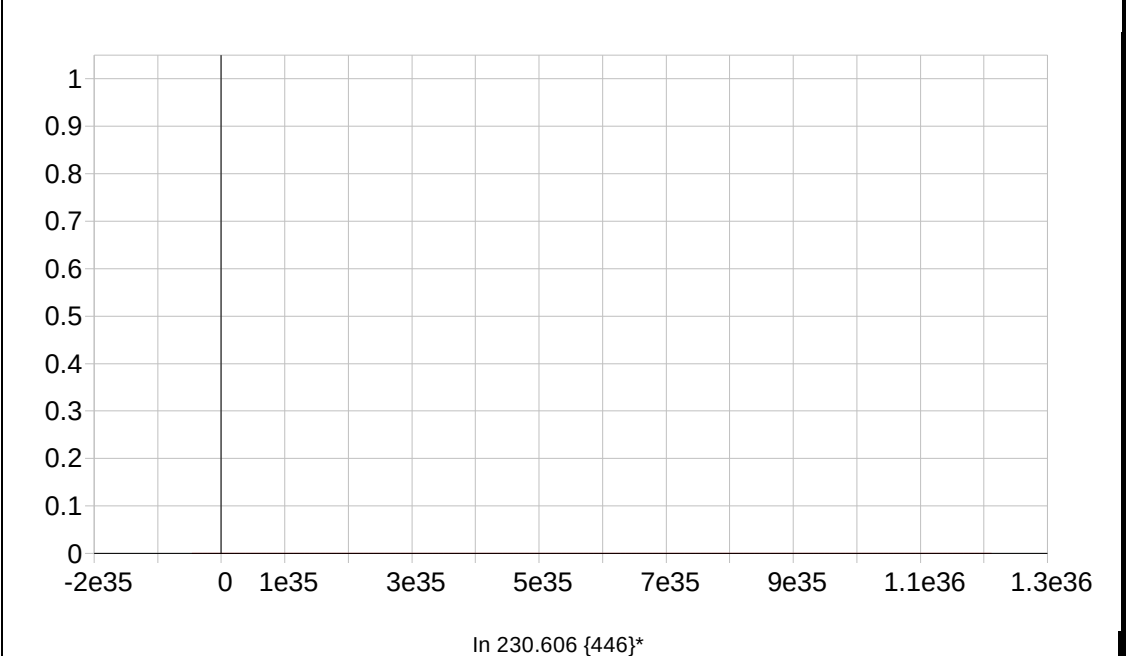




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

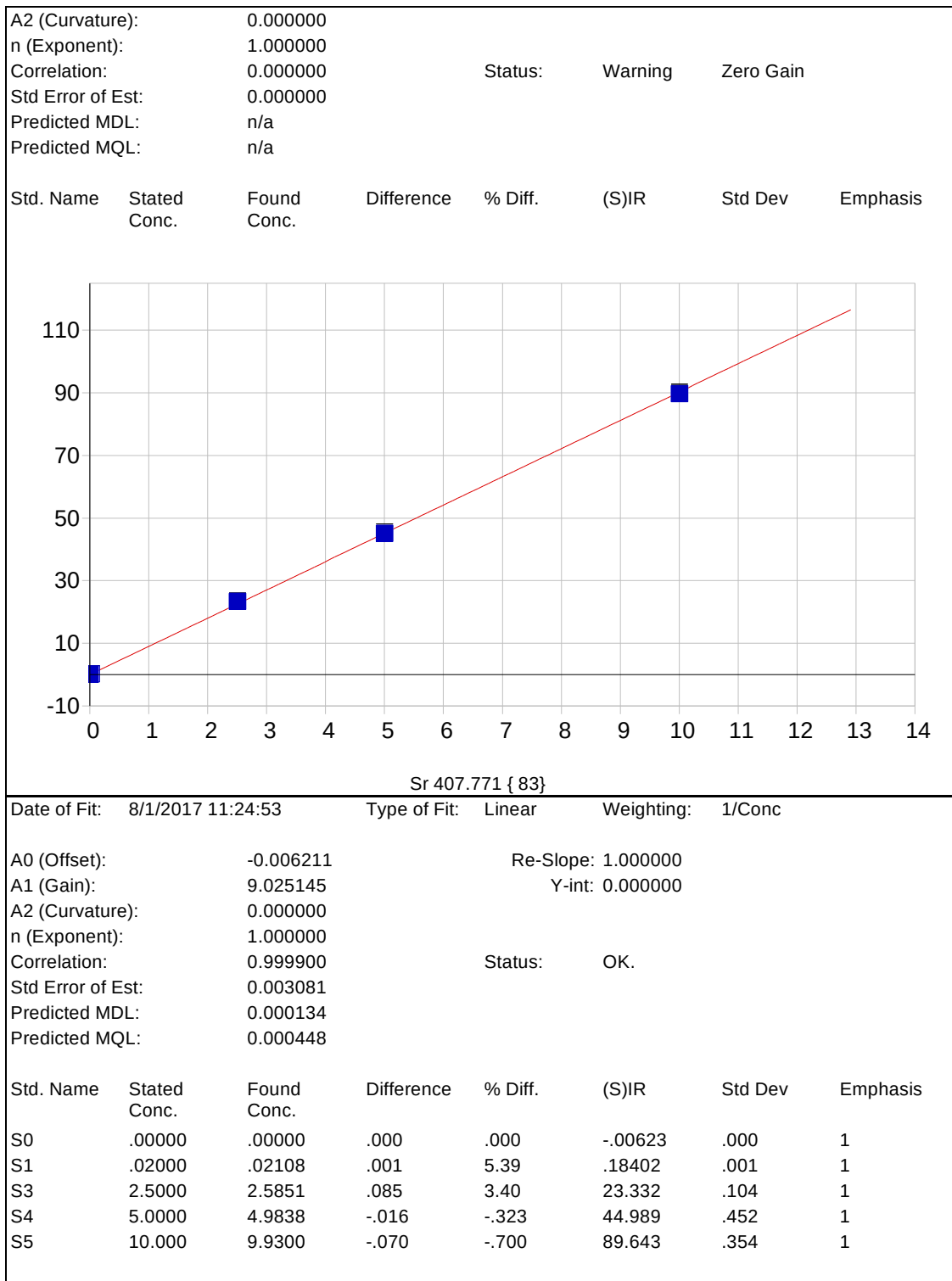
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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

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



Sample Name: S0 Acquired: 8/1/2017 10:51:20 Type: Cal
Method: P4-ICP2(v2119) 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	-.00054	-.00108	.00043	.00044	.00022	.00005	.05083	.00001
Stddev	.00011	.00022	.00036	.00022	.00041	.00002	.00028	.00001
%RSD	19.723	19.952	84.018	49.020	187.22	43.442	.54154	72.630

#1	-.00046	-.00124	.00069	.00029	-.00007	.00003	.05064	.00001
#2	-.00061	-.00093	.00018	.00060	.00051	.00006	.05103	.00002

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	-.00026	.00074	.00009	.00165	.00040	.04428	.00037	-.00061
Stddev	.00003	.00007	.00006	.00038	.00011	.00317	.00005	.00015
%RSD	12.779	9.5900	65.570	22.807	28.094	7.1556	12.235	24.625

#1	-.00024	.00079	.00005	.00138	.00048	.04652	.00040	-.00071
#2	-.00028	.00069	.00013	.00192	.00032	.04204	.00034	-.00050

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	.00021	-.00004	.00730	-.00022	.27053	-.02183	.00107	.00031
Stddev	.00033	.00002	.00214	.00003	.00206	.00072	.00009	.00022
%RSD	153.59	41.824	29.264	13.346	.76109	3.2830	8.1729	71.187

#1	-.00002	-.00005	.00579	-.00024	.27198	-.02233	.00113	.00015
#2	.00045	-.00003	.00881	-.00020	.26907	-.02132	.00101	.00047

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	.00012	.05919	.00017	.00443	.00460	-.0058	-.00623	
Stddev	.00001	.00017	.00004	.00025	.00773	.0001	.00013	
%RSD	9.6396	.28367	22.152	5.6398	167.88	.9356	2.1457	

#1	.00013	.05931	.00020	.00425	-.00086	-.0058	-.00632	
#2	.00011	.05908	.00014	.00461	.01007	-.0058	-.00613	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4656.8	65765.	4849.0	98.364	3947.4			
Stddev	15.2	144.	10.1	.728	13.2			
%RSD	.32560	.21876	.20926	.74011	.33348			

#1	4667.5	65663.	4856.2	98.879	3956.7			
#2	4646.0	65867.	4841.8	97.849	3938.0			

Sample Name: S1 Acquired: 8/1/2017 10:55:27 Type: Cal
Method: P4-ICP2(v2119) 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	.00156	.00384	.00409	.00269	.00704	.00067	.48944	.00579
Stddev	.00003	.00001	.00011	.00005	.00002	.00006	.00089	.00003
%RSD	1.7737	.20901	2.7261	1.8114	.33119	8.6802	.18244	.56012

#1	.00158	.00384	.00417	.00265	.00703	.00071	.48881	.00582
#2	.00154	.00385	.00402	.00272	.00706	.00063	.49007	.00577

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	.02215	.00132	.04401	.01391	.19453	.02023	.03573	.00241
Stddev	.00012	.00002	.00028	.00009	.02043	.00002	.00021	.00005
%RSD	.55196	1.8260	.64742	.62710	10.500	.08458	.59497	1.9676

#1	.02207	.00130	.04381	.01385	.20897	.02025	.03588	.00237
#2	.02224	.00134	.04421	.01397	.18009	.02022	.03558	.00244

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	.00824	5.8188	.19594	.00561	.00178	.27679	.01220	.01653
Stddev	.00001	.0566	.00072	.00012	.00024	.00016	.00007	.00012
%RSD	.11325	.97339	.36599	2.1520	13.671	.05787	.60026	.70773

#1	.00823	5.8589	.19543	.00552	.00161	.27668	.01226	.01661
#2	.00825	5.7788	.19645	.00569	.00195	.27691	.01215	.01645

Elem	Li6707	P_1774	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.03306	-.0026	.18402
Stddev	.00151	.0001	.00114
%RSD	4.5711	3.216	.62002

#1	.03199	-.0027	.18322
#2	.03413	-.0025	.18483

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4737.2	66623.	4858.7	100.37	4061.5
Stddev	.3	117.	7.7	1.40	4.4
%RSD	.00651	.17546	.15791	1.3972	.10947

#1	4737.4	66541.	4864.1	99.383	4058.3
#2	4737.0	66706.	4853.2	101.37	4064.6

Sample Name: S2 Acquired: 8/1/2017 10:59:43 Type: Cal
Method: P4-ICP2(v2119) 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	.11969	.03064	.41709	.20029
Stddev	.00046	.00040	.00029	.00167
%RSD	.38818	1.2903	.06862	.83436

#1	.11936	.03036	.41689	.20147
#2	.12002	.03092	.41729	.19911

Int. Std.	Y_3710
Units	Cts/S
Avg	4909.8
Stddev	.1
%RSD	.00131

#1	4909.8
#2	4909.9

Sample Name: S3 Acquired: 8/1/2017 11:03:50 Type: Cal
Method: P4-ICP2(v2119) 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	.24176	.31723	.77245	.27988	.35218	.03117	22.765	.12025
Stddev	.00004	.00027	.00092	.00004	.00018	.00002	.081	.00041
%RSD	.01586	.08615	.11925	.01382	.05009	.07839	.35780	.34006

#1	.24174	.31743	.77180	.27985	.35205	.03119	22.707	.11996
#2	.24179	.31704	.77310	.27991	.35230	.03115	22.822	.12054

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	4.6733	.76531	.06411	1.7961	.39880	4.6341	1.2302	.20141
Stddev	.0071	.00324	.00018	.0056	.00002	.1035	.0036	.00121
%RSD	.15176	.42301	.28647	.31184	.00469	2.2330	.28985	.59885

#1	4.6784	.76302	.06398	1.8001	.39878	4.5610	1.2276	.20055
#2	4.6683	.76760	.06424	1.7921	.39881	4.7073	1.2327	.20226

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	1.1152	.15187	2.7106	.27272	176.43	1.4299	2.3752	.13279
Stddev	.0016	.00025	.0132	.00133	2.39	.0034	.0001	.00011
%RSD	.14423	.16455	.48731	.48914	1.3545	.24094	.00568	.08139

#1	1.1141	.15169	2.7013	.27177	174.74	1.4274	2.3752	.13287
#2	1.1164	.15205	2.7199	.27366	178.12	1.4323	2.3751	.13271

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	.23860	1.5143	.71888	.79885	3.5135	.4221	23.332	
Stddev	.00024	.0207	.00181	.00523	.0125	.0002	.104	
%RSD	.10249	1.3687	.25156	.65409	.35666	.0570	.44513	

#1	.23877	1.4997	.72016	.79515	3.5046	.4220	23.259	
#2	.23843	1.5290	.71760	.80254	3.5223	.4223	23.406	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4658.2	66512.	4861.5	96.983	3944.6			
Stddev	10.4	317.	59.3	1.184	11.4			
%RSD	.22298	.47660	1.2205	1.2207	.28780			

#1	4650.8	66736.	4903.4	97.820	3936.6			
#2	4665.5	66288.	4819.5	96.146	3952.7			

Sample Name: S4 Acquired: 8/1/2017 11:07:47 Type: Cal
 Method: P4-ICP2(v2119) 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	.47527	.63554	1.5207	.55585	.69305	.06101	44.210	.23602
Stddev	.00078	.00035	.0018	.00041	.00106	.00030	.529	.00005
%RSD	.16314	.05430	.12032	.07419	.15238	.48815	1.1972	.02211

#1	.47472	.63530	1.5194	.55615	.69379	.06080	44.584	.23606
#2	.47582	.63579	1.5220	.55556	.69230	.06123	43.836	.23599

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	9.2446	1.4869	.12375	3.5309	.77268	9.1891	2.3919	.38996
Stddev	.0042	.0024	.00012	.0030	.00072	.1893	.0012	.00280
%RSD	.04592	.16039	.09913	.08481	.09361	2.0596	.04850	.71915

#1	9.2476	1.4886	.12366	3.5288	.77217	9.0553	2.3911	.39194
#2	9.2416	1.4852	.12384	3.5330	.77320	9.3229	2.3927	.38798

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	2.1950	.29956	5.2655	.53527	350.95	2.8255	4.6253	.26135
Stddev	.0026	.00026	.0154	.00111	7.68	.0046	.0015	.00061
%RSD	.12025	.08793	.29310	.20711	2.1891	.16311	.03347	.23518

#1	2.1969	.29975	5.2764	.53449	345.52	2.8223	4.6242	.26178
#2	2.1932	.29937	5.2546	.53606	356.38	2.8288	4.6264	.26091

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	.49896	2.8490	1.4141	1.5532	7.0311	.8755	44.989	
Stddev	.00042	.0152	.0001	.0039	.0101	.0002	.452	
%RSD	.08335	.53197	.00526	.25100	.14328	.0224	1.0045	

#1	.49925	2.8597	1.4142	1.5559	7.0382	.8757	44.669	
#2	.49866	2.8382	1.4141	1.5504	7.0239	.8754	45.308	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4637.8	66491.	4847.3	94.228	3860.2			
Stddev	3.1	34.	15.4	1.948	3.9			
%RSD	.06619	.05054	.31837	2.0674	.10057			

#1	4635.7	66514.	4836.4	95.606	3857.5			
#2	4640.0	66467.	4858.3	92.851	3862.9			

Sample Name: S5 Acquired: 8/1/2017 11:11:54 Type: Cal
 Method: P4-ICP2(v2119) 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	.94747	1.3051	3.1130	1.1050	1.3897	.12274	88.485	.46839
Stddev	.00040	.0012	.0053	.0002	.0019	.00031	.326	.00027
%RSD	.04224	.09357	.16876	.01505	.13384	.25463	.36881	.05817

#1	.94718	1.3042	3.1093	1.1052	1.3910	.12296	88.254	.46858
#2	.94775	1.3060	3.1167	1.1049	1.3884	.12252	88.716	.46820

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	18.840	2.9490	.24428	7.2386	1.5295	18.135	4.6445	.78205
Stddev	.004	.0075	.00030	.0105	.0002	.378	.0218	.00397
%RSD	.02164	.25360	.12203	.14452	.01038	2.0819	.47011	.50773

#1	18.837	2.9438	.24407	7.2312	1.5294	17.868	4.6291	.77924
#2	18.843	2.9543	.24449	7.2460	1.5296	18.402	4.6599	.78486

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	4.4765	.60661	10.565	1.0682	679.87	5.7181	9.2276	.52365
Stddev	.0009	.00018	.003	.0004	19.40	.0235	.0029	.00369
%RSD	.02008	.02887	.02673	.03638	2.8530	.41080	.03113	.70448

#1	4.4759	.60673	10.567	1.0680	666.16	5.7015	9.2296	.52104
#2	4.4772	.60648	10.563	1.0685	693.59	5.7347	9.2255	.52626

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	1.0432	5.4417	2.8865	3.1048	14.127	1.820	89.643	
Stddev	.0023	.0349	.0038	.0023	.026	.002	.354	
%RSD	.22342	.64125	.13313	.07551	.18672	.1202	.39454	

#1	1.0416	5.4171	2.8837	3.1065	14.108	1.818	89.393	
#2	1.0448	5.4664	2.8892	3.1032	14.146	1.821	89.893	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4525.1	65751.	4785.2	93.450	3650.1			
Stddev	8.3	69.	23.5	2.405	4.0			
%RSD	.18256	.10514	.49198	2.5730	.11068			

#1	4519.3	65800.	4801.8	95.150	3647.3			
#2	4531.0	65703.	4768.5	91.750	3653.0			

Sample Name: ICV01 Acquired: 8/1/2017 11:16:28 Type: Unk
Method: P4-ICP2(v2119) 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	.96509	.95389	.94615	.94864	.91760	2.4630	.49066	.47269
Stddev	.00262	.00299	.00224	.00012	.00102	.0051	.00080	.00083
%RSD	.27126	.31339	.23669	.01312	.11153	.20690	.16342	.17643

#1	.96324	.95177	.94456	.94855	.91832	2.4667	.49122	.47328
#2	.96694	.95600	.94773	.94873	.91688	2.4594	.49009	.47211

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47283	9.8057	.48702	.47817	.49527	4.8111	.49757	5.8468
Stddev	.00058	.0224	.00073	.00123	.00133	.0413	.00001	.0189
%RSD	.12261	.22805	.14941	.25816	.26892	.85891	.00293	.32330

#1	.47242	9.7899	.48651	.47730	.49432	4.8403	.49756	5.8334
#2	.47324	9.8215	.48754	.47904	.49621	4.7819	.49758	5.8602

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48275	.48046	9.7074	.47654	.98275	9.7478	2.4294	2.5036
Stddev	.00207	.00079	.0202	.00134	.00109	.0094	.0084	.0155
%RSD	.42960	.16520	.20759	.28160	.11064	.09589	.34479	.61707

#1	.48128	.48103	9.6931	.47749	.98352	9.7544	2.4235	2.5145
#2	.48421	.47990	9.7216	.47559	.98198	9.7412	2.4354	2.4927

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	F 2.1100	2.3531	2.3792	2.4318	2.2510	2.281	2.5446	
Stddev	.0038	.0018	.0027	.0009	.0017	.005	.0018	
%RSD	.17971	.07765	.11310	.03634	.07635	.2259	.06907	

#1	2.1073	2.3518	2.3772	2.4311	2.2498	2.277	2.5459	
#2	2.1127	2.3544	2.3811	2.4324	2.2522	2.284	2.5434	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4727.7	66548.	4837.6	96.604	4016.4			
Stddev	12.4	164.	19.0	.188	8.3			
%RSD	.26257	.24663	.39345	.19485	.20773			

#1	4736.5	66432.	4851.1	96.471	4022.3			
#2	4718.9	66664.	4824.1	96.737	4010.5			

Sample Name: LLICV01 Acquired: 8/1/2017 11:28:56 Type: Unk
 Method: P4-ICP2(v2119) 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	.02035	.03897	.01229	.02000	.05037	.09978	.10064	.00622	.00605
Stddev	.00247	.00037	.00086	.00028	.00170	.00169	.00020	.00010	.00001
%RSD	12.145	.95086	7.0248	1.4064	3.3762	1.6906	.20272	1.5686	.21367

#1	.02210	.03924	.01290	.02020	.05157	.10097	.10079	.00615	.00604
#2	.01860	.03871	.01168	.01980	.04917	.09859	.10050	.00629	.00606

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0109	.00975	.02922	.02209	.09264	.02104	2.0723	.04039	.00955
Stddev	.0130	.00004	.00019	.00034	.00895	.00012	.0448	.00015	.00047
%RSD	.64714	.45736	.64861	1.5340	9.6668	.54691	2.1621	.37750	4.9636

#1	2.0017	.00972	.02935	.02233	.09897	.02095	2.1040	.04029	.00922
#2	2.0201	.00979	.02909	.02185	.08630	.02112	2.0406	.04050	.00989

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	2.0113	.03957	.04111	2.0034	.21044	.10391	.02157	.38618	.04318
Stddev	.0089	.00027	.00108	.0084	.00068	.00392	.00046	.00133	.00034
%RSD	.44475	.67962	2.6360	.42155	.32120	3.7726	2.1498	.34420	.78001

#1	2.0176	.03976	.04188	1.9974	.21092	.10668	.02190	.38524	.04341
#2	2.0049	.03938	.04035	2.0094	.20996	.10114	.02124	.38712	.04294

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.04039	.02066	.0208	.02070
Stddev	.00004	.00102	.0000	.00020
%RSD	.10507	4.9403	.0360	.94758

#1	.04042	.01994	.0208	.02084
#2	.04036	.02139	.0208	.02057

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4717.8	65488.	4803.0	95.411	4010.4
Stddev	19.6	352.	3.2	2.084	7.4
%RSD	.41602	.53680	.06662	2.1841	.18352

#1	4704.0	65737.	4805.3	93.937	4005.2
#2	4731.7	65240.	4800.8	96.884	4015.6

Sample Name: ICB01 Acquired: 8/1/2017 11:32:59 Type: Unk
Method: P4-ICP2(v2119) 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	.00093	-.00018	.00014	-.00077	-.00054	-.00782	-.00015	.00000
Stddev	.00048	.00055	.00078	.00032	.00112	.00679	.00023	.00002
%RSD	51.671	304.96	576.58	41.072	208.23	86.850	158.79	7526.3

#1	.00128	.00021	-.00042	-.00055	.00025	-.01263	.00002	-.00002
#2	.00059	-.00057	.00069	-.00100	-.00133	-.00302	-.00031	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.01081	-.00026	-.00015	-.00015	-.01379	-.00006	.02919
Stddev	.00006	.00621	.00001	.00005	.00006	.00713	.00004	.01247
%RSD	382.29	57.477	1.9776	32.333	39.143	51.730	71.150	42.708

#1	.00003	.00641	-.00025	-.00018	-.00011	-.00874	-.00003	.02038
#2	-.00006	.01520	-.00026	-.00012	-.00019	-.01883	-.00009	.03801

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	-.00043	.00628	.00001	-.00079	.05124	-.00021	.00604
Stddev	.00049	.00068	.00765	.00001	.00000	.00446	.00004	.00100
%RSD	184.88	158.99	121.84	75.314	.14293	8.6950	17.785	16.513

#1	.00061	.00005	.01168	.00001	-.00079	.05439	-.00019	.00534
#2	-.00008	-.00091	.00087	.00002	-.00079	.04809	-.00024	.00675

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00264	-.00094	.00118	.00160	.00200	-.0002	-.00009	
Stddev	.00017	.00170	.00008	.00075	.00196	.0008	.00009	
%RSD	6.2983	181.03	6.7762	46.840	97.991	417.3	97.623	

#1	-.00253	.00026	.00112	.00107	.00338	.0004	-.00003	
#2	-.00276	-.00214	.00123	.00213	.00061	-.0007	-.00016	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4718.7	65085.	4784.9	95.082	3966.2			
Stddev	5.3	151.	21.5	2.346	2.0			
%RSD	.11208	.23226	.44875	2.4677	.05107			

#1	4715.0	64978.	4769.7	96.741	3967.7			
#2	4722.4	65191.	4800.1	93.423	3964.8			

Sample Name: CRI01 Acquired: 8/1/2017 11:37:14 Type: Unk
Method: P4-ICP2(v2119) 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	.02043	.03792	.01122	.01914	.04996	.09906	.10096	.00618	.00592
Stddev	.00136	.00116	.00048	.00187	.00074	.00164	.00116	.00003	.00000
%RSD	6.6457	3.0528	4.2971	9.7677	1.4743	1.6582	1.1525	.53433	.00207

#1	.02139	.03874	.01088	.01782	.05048	.10022	.10013	.00616	.00592
#2	.01947	.03710	.01156	.02047	.04944	.09790	.10178	.00621	.00592

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0233	.01062	.02924	.02157	.09131	.02125	2.0476	.04063	.00960
Stddev	.0165	.00059	.00006	.00057	.01007	.00002	.0345	.00029	.00032
%RSD	.81637	5.5495	.19259	2.6371	11.025	.11421	1.6832	.71864	3.3012

#1	2.0350	.01103	.02920	.02197	.09843	.02123	2.0720	.04043	.00937
#2	2.0116	.01020	.02928	.02116	.08419	.02126	2.0232	.04084	.00982

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	2.0174	.03978	.04038	2.0240	.21048	.10852	.02195	.38827	.04220
Stddev	.0014	.00013	.00011	.0249	.00042	.00324	.00153	.00050	.00039
%RSD	.06909	.33573	.26530	1.2313	.20056	2.9842	6.9677	.12862	.91511

#1	2.0164	.03988	.04046	2.0063	.21078	.11081	.02087	.38792	.04192
#2	2.0183	.03969	.04031	2.0416	.21018	.10623	.02304	.38863	.04247

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.04088	.02082	.0210	.02079
Stddev	.00133	.00050	.0014	.00007
%RSD	3.2554	2.3899	6.760	.33667

#1	.03994	.02117	.0220	.02084
#2	.04182	.02047	.0200	.02074

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4697.0	65231.	4743.7	95.956	3997.0
Stddev	14.0	13.	18.0	.597	9.0
%RSD	.29875	.01925	.37937	.62247	.22475

#1	4687.1	65240.	4756.4	95.533	3990.7
#2	4707.0	65222.	4730.9	96.378	4003.4

Sample Name: ICSA01 Acquired: 8/1/2017 11:41:25 Type: Unk
Method: P4-ICP2(v2119) 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	.00389	.00242	-.00472	.00284	.00005	253.61	.00553
Stddev	.00191	.00007	.00061	.00129	.00025	1.40	.00023
%RSD	49.154	2.8752	12.826	45.495	484.67	.55363	4.1867

#1	.00254	.00247	-.00429	.00376	-.00013	254.60	.00537
#2	.00524	.00237	-.00515	.00193	.00023	252.61	.00570

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00062	235.20	.04352	-.00029	.01305	93.900
Stddev	.00008	.00023	.92	.00051	.00010	.00125	2.882
%RSD	67.975	36.951	.38941	1.1782	36.400	9.6138	3.0689

#1	-.00017	.00046	234.55	.04388	-.00036	.01216	95.937
#2	-.00006	.00078	235.84	.04316	-.00021	.01394	91.862

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01176	241.80	.00319	.00538	.02885	.00117	.00204
Stddev	.00023	.61	.00014	.00010	.00995	.00014	.00004
%RSD	1.9749	.25187	4.2799	1.7701	34.479	11.925	1.7407

#1	.01193	241.37	.00309	.00531	.02181	.00107	.00207
#2	.01160	242.23	.00328	.00544	.03588	.00127	.00202

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03234	-.00041	-.02916	F -.01450	-.00480	.00048	-.00400
Stddev	.00514	.00014	.00021	.00008	.00241	.00035	.00007
%RSD	15.895	33.614	.71234	.57750	50.252	72.797	1.6982

#1	.03598	-.00031	-.02901	-.01444	-.00650	.00072	-.00405
#2	.02871	-.00050	-.02931	-.01456	-.00309	.00023	-.00395

Elem	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm
Avg	.00595	.0059	F .07664
Stddev	.00050	.0000	.00026
%RSD	8.4579	.3823	.34346

#1	.00559	.0059	.07645
#2	.00630	.0060	.07682

Sample Name: ICSA01 Acquired: 8/1/2017 11:41:25 Type: Unk
Method: P4-ICP2(v2119) 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	4390.3	62966.	4656.0	88.988	3580.1
Stddev	1.0	289.	19.5	2.482	.4
%RSD	.02356	.45840	.41923	2.7887	.01106
#1	4389.5	62762.	4669.8	87.233	3579.8
#2	4391.0	63170.	4642.2	90.742	3580.4

Sample Name: ICSAB01 Acquired: 8/1/2017 11:45:40 Type: Unk
Method: P4-ICP2(v2119) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09841	.09958	.04219	.05377	.58909	252.85	.50385	.50382	.94411
Stddev	.00015	.00264	.00020	.00364	.00046	1.76	.00133	.00164	.00154
%RSD	.15499	2.6468	.47261	6.7683	.07879	.69783	.26347	.32542	.16337

#1	.09852	.10144	.04233	.05634	.58942	254.10	.50478	.50266	.94520
#2	.09830	.09772	.04205	.05119	.58877	251.61	.50291	.50498	.94302

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	235.51	.52499	.46662	.48217	95.110	.50828	242.43	.93598	.21253
Stddev	.88	.00032	.00013	.00060	1.708	.00031	.67	.00025	.00021
%RSD	.37499	.06128	.02815	.12507	1.7956	.06150	.27838	.02632	.09703

#1	236.13	.52522	.46671	.48259	96.317	.50806	242.91	.93580	.21238
#2	234.89	.52476	.46653	.48174	93.902	.50850	241.96	.93615	.21267

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	.04631	.48722	1.0035	.04368	1.0036	1.0085	.94618	.98560	1.0099
Stddev	.01157	.00065	.0068	.00012	.0022	.0124	.00301	.00820	.0011
%RSD	24.992	.13322	.67385	.26404	.22387	1.2267	.31863	.83211	.10754

#1	.03812	.48768	1.0083	.04376	1.0052	1.0172	.94404	.97980	1.0091
#2	.05449	.48676	.99876	.04360	1.0021	.99974	.94831	.99140	1.0106

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.99748	.98590	F 1.002	1.1055
Stddev	.00190	.00387	.003	.0035
%RSD	.19074	.39258	.2500	.31768

#1	.99883	.98864	1.004	1.1080
#2	.99614	.98316	1.001	1.1030

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4369.6	62677.	4616.9	87.393	3533.3
Stddev	23.7	97.	21.0	.753	11.6
%RSD	.54185	.15431	.45547	.86129	.32773

#1	4352.9	62608.	4631.8	86.860	3525.1
#2	4386.4	62745.	4602.0	87.925	3541.5

Sample Name: CCV01 Acquired: 8/1/2017 11:49:45 Type: Unk
Method: P4-ICP2(v2119) 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	4.9388	4.9121	4.8609	5.0315	4.9662	10.259	9.9953	.25311	2.4725
Stddev	.0020	.0014	.0059	.0117	.0067	.030	.0145	.00027	.0014
%RSD	.04065	.02858	.12051	.23321	.13476	.28781	.14479	.10801	.05653

#1	4.9402	4.9112	4.8651	5.0398	4.9709	10.279	9.9851	.25292	2.4735
#2	4.9374	4.9131	4.8568	5.0232	4.9615	10.238	10.006	.25330	2.4715

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.032	1.0031	2.4366	1.2471	4.9516	2.5642	24.731	2.4899	1.2336
Stddev	.060	.0023	.0015	.0006	.0597	.0007	.188	.0004	.0020
%RSD	.24107	.22551	.06035	.04571	1.2046	.02664	.75994	.01725	.16282

#1	25.075	1.0015	2.4377	1.2467	4.9938	2.5646	24.598	2.4902	1.2350
#2	24.989	1.0047	2.4356	1.2475	4.9095	2.5637	24.864	2.4895	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	24.891	2.5195	2.5064	25.276	4.9734	5.0593	5.0788	4.9961	4.9265
Stddev	.041	.0009	.0153	.034	.0003	.0090	.0066	.0229	.0036
%RSD	.16474	.03438	.61011	.13530	.00607	.17708	.12999	.45819	.07351

#1	24.862	2.5189	2.5172	25.252	4.9732	5.0530	5.0835	4.9799	4.9240
#2	24.920	2.5201	2.4956	25.301	4.9736	5.0657	5.0741	5.0122	4.9291

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.9726	5.0449	5.143	5.0052
Stddev	.0267	.0009	.007	.0320
%RSD	.53730	.01856	.1465	.63941

#1	4.9537	5.0442	5.149	4.9826
#2	4.9915	5.0455	5.138	5.0279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4614.1	64496.	4738.3	93.252	3804.0
Stddev	11.6	111.	5.0	.764	9.3
%RSD	.25204	.17184	.10474	.81881	.24463

#1	4605.9	64418.	4741.8	92.712	3797.4
#2	4622.4	64575.	4734.8	93.792	3810.6

Sample Name: LLCCV01 Acquired: 8/1/2017 11:53:52 Type: Unk
Method: P4-ICP2(v2119) 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	.02026	.03828	.01248	.01914	.04892	.10018	.10143	.00631	.00599
Stddev	.00080	.00049	.00037	.00055	.00013	.00641	.00055	.00001	.00001
%RSD	3.9278	1.2781	2.9504	2.8783	.27513	6.4005	.54232	.13885	.23317

#1	.01970	.03863	.01274	.01953	.04901	.10471	.10104	.00631	.00600
#2	.02083	.03794	.01222	.01875	.04882	.09564	.10182	.00632	.00598

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0111	.01051	.02906	.02190	.09112	.02136	2.0487	.04066	.01047
Stddev	.0039	.00019	.00009	.00045	.00270	.00001	.0643	.00014	.00009
%RSD	.19354	1.8150	.32298	2.0503	2.9630	.04621	3.1360	.34476	.87138

#1	2.0138	.01064	.02913	.02222	.08922	.02136	2.0942	.04076	.01054
#2	2.0083	.01037	.02900	.02159	.09303	.02137	2.0033	.04057	.01041

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	2.0144	.03960	.04084	2.0204	.21234	.10585	.02061	.38852	.04319
Stddev	.0072	.00000	.00055	.0145	.00028	.00522	.00023	.00412	.00026
%RSD	.35674	.00117	1.3454	.71837	.13049	4.9297	1.1100	1.0612	.59591

#1	2.0093	.03960	.04123	2.0101	.21254	.10954	.02077	.38561	.04301
#2	2.0195	.03960	.04045	2.0307	.21215	.10216	.02045	.39144	.04337

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.03860	.02124	.0207	.02084
Stddev	.00034	.00159	.0003	.00021
%RSD	.87900	7.4801	1.236	1.0026

#1	.03884	.02236	.0205	.02099
#2	.03836	.02012	.0209	.02069

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4701.6	64578.	4766.2	95.071	4003.7
Stddev	10.7	84.	.9	1.296	15.3
%RSD	.22719	.13080	.01978	1.3630	.38095

#1	4694.1	64518.	4766.8	94.155	3992.9
#2	4709.2	64638.	4765.5	95.987	4014.5

Sample Name: CCB01 Acquired: 8/1/2017 11:58:04 Type: Unk
Method: P4-ICP2(v2119) 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	.00040	.00007	-.00039	.00080	-.00022	-.00425	-.00011	.00009
Stddev	.00037	.00102	.00091	.00010	.00094	.02495	.00076	.00000
%RSD	91.308	1424.1	230.03	12.371	429.32	586.95	681.33	2.6998

#1	.00014	-.00065	.00025	.00073	.00045	-.02190	.00042	.00008
#2	.00066	.00079	-.00104	.00087	-.00089	.01339	-.00065	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00275	-.00025	.00003	-.00013	-.00775	-.00015	.03337
Stddev	.00002	.01532	.00020	.00011	.00033	.00269	.00003	.00906
%RSD	24.517	556.42	80.155	340.24	253.03	34.683	20.106	27.142

#1	-.00007	.01359	-.00011	-.00004	-.00037	-.00585	-.00017	.03977
#2	-.00005	-.00808	-.00040	.00011	.00010	-.00965	-.00013	.02696

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00033	-.00385	-.00026	-.00092	.02272	-.00026	.00746
Stddev	.00007	.00035	.01372	.00021	.00003	.00010	.00005	.00406
%RSD	32.117	103.66	356.14	77.586	3.3034	.43380	18.977	54.430

#1	.00028	-.00058	-.01355	-.00041	-.00094	.02265	-.00022	.00459
#2	.00018	-.00009	.00585	-.00012	-.00090	.02279	-.00029	.01033

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00083	-.00115	.00130	.00171	.00004	-.0007	.00000	
Stddev	.00041	.00080	.00074	.00180	.00192	.0000	.0001	
%RSD	49.437	69.891	57.295	104.89	5386.5	1.784	10408.	

#1	-.00112	-.00058	.00182	.00044	-.00132	-.0007	.00005	
#2	-.00054	-.00172	.00077	.00298	.00139	-.0007	-.00005	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4702.6	64348.	4747.7	96.535	3941.4			
Stddev	14.5	221.	22.2	1.607	9.2			
%RSD	.30892	.34329	.46716	1.6647	.23419			

#1	4692.3	64192.	4732.0	97.671	3934.9			
#2	4712.8	64504.	4763.4	95.398	3947.9			

Sample Name: CD 7.5PPM Acquired: 8/1/2017 12:02:21 Type: Unk
Method: P4-ICP2(v2119) 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	.00086	.00030	.00020	.00008	.00016	.00103	.00043	.00001
Stddev	.00084	.00005	.00024	.00018	.00034	.00101	.00036	.00005
%RSD	97.383	15.150	117.60	209.46	211.21	97.265	84.427	449.93

#1	.00146	.00034	.00003	.00021	-.00008	.00032	.00017	.00005
#2	.00027	.00027	.00037	-.00004	.00040	.00174	.00068	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3181	.00950	-.00089	-.00103	-.00032	-.01641	-.00014	.02695
Stddev	.0212	.00968	.00004	.00018	.00024	.00395	.00015	.00765
%RSD	.28913	101.85	3.9511	17.389	73.814	24.072	104.50	28.384

#1	7.3031	.00266	-.00086	-.00090	-.00015	-.01362	-.00025	.03235
#2	7.3330	.01635	-.00091	-.00116	-.00049	-.01921	-.00004	.02154

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00006	-.01484	-.00009	-.00149	.01682	-.00081	.00716
Stddev	.00024	.00012	.00652	.00050	.00014	.03492	.00007	.00296
%RSD	224.58	221.59	43.918	563.99	9.7130	207.65	8.8366	41.316

#1	-.00027	-.00003	-.01023	-.00044	-.00159	-.00787	-.00076	.00925
#2	.00006	.00014	-.01945	.00026	-.00139	.04151	-.00086	.00507

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00217	-.00875	.00145	-.00036	-.00020	-.00002	-.00005	
Stddev	.00065	.00109	.00032	.00145	.00086	.0003	.00006	
%RSD	29.806	12.411	21.932	401.44	420.74	117.5	122.81	

#1	-.00172	-.00952	.00167	.00067	-.00081	.0000	-.00010	
#2	-.00263	-.00799	.00122	-.00139	.00040	-.0004	-.00001	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4716.4	63994.	4749.8	96.200	3957.6			
Stddev	3.7	320.	14.2	3.296	8.1			
%RSD	.07747	.49958	.29898	3.4263	.20480			

#1	4719.0	64220.	4759.8	98.531	3963.3			
#2	4713.8	63768.	4739.8	93.870	3951.8			

Sample Name: CD 8.5PPM Acquired: 8/1/2017 12:06:35 Type: Unk
Method: P4-ICP2(v2119) 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	-.00044	.00068	-.00058	-.00099	-.00116	-.01214	.00049	.00006
Stddev	.00054	.00113	.00052	.00181	.00135	.00584	.00007	.00001
%RSD	122.07	166.11	89.666	183.00	116.40	48.083	15.094	16.364

#1	-.00006	-.00012	-.00094	.00029	-.00020	-.01627	.00054	.00007
#2	-.00082	.00148	-.00021	-.00226	-.00211	-.00801	.00044	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5672	.01234	-.00087	-.00164	-.00007	-.01383	-.00012	.05904
Stddev	.0096	.00498	.00039	.00007	.00040	.01564	.00004	.00333
%RSD	.11253	40.318	45.278	4.3589	586.05	113.10	36.257	5.6428

#1	8.5741	.00882	-.00059	-.00169	-.00035	-.02489	-.00009	.05669
#2	8.5604	.01586	-.00115	-.00159	.00021	-.00277	-.00015	.06140

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00034	-.00949	-.00020	-.00139	.00815	-.00070	.00551
Stddev	.00023	.00026	.00015	.00003	.00006	.01544	.00002	.00547
%RSD	185.66	78.948	1.5332	14.513	4.3170	189.28	2.7470	99.298

#1	.00004	-.00015	-.00938	-.00022	-.00143	-.00276	-.00071	.00938
#2	-.00029	-.00052	-.00959	-.00018	-.00134	.01907	-.00069	.00164

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00300	-.00970	.00071	-.00092	-.00045	-.0018	.00003	
Stddev	.00022	.00009	.00028	.00250	.00199	.0003	.00000	
%RSD	7.4265	.94599	39.078	271.23	442.83	16.22	10.056	

#1	-.00284	-.00963	.00051	-.00268	.00096	-.0020	.00003	
#2	-.00316	-.00976	.00090	.00084	-.00186	-.0016	.00003	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4710.2	64106.	4761.5	96.857	3936.1			
Stddev	4.0	89.	43.3	1.860	8.9			
%RSD	.08500	.13852	.90971	1.9208	.22649			

#1	4707.4	64168.	4730.9	95.542	3929.8			
#2	4713.0	64043.	4792.2	98.173	3942.4			

Sample Name: CD 9.5PPM Acquired: 8/1/2017 12:10:51 Type: Unk
Method: P4-ICP2(v2119) 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	.00081	.00039	.00027	.00032	.00054	-.01300	-.00049	.00001
Stddev	.00024	.00034	.00044	.00223	.00098	.00479	.00071	.00003
%RSD	29.127	86.346	163.36	694.17	180.58	36.808	145.45	593.37

#1	.00098	.00063	-.00004	.00190	-.00015	-.00962	.00001	-.00002
#2	.00064	.00015	.00058	-.00126	.00124	-.01638	-.00098	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3175	.00700	-.00089	-.00161	-.00079	-.01315	-.00017	.03233
Stddev	.0117	.00875	.00013	.00006	.00028	.01252	.00002	.00342
%RSD	.12575	124.95	14.344	3.6005	35.543	95.213	12.143	10.574

#1	9.3258	.01318	-.00098	-.00165	-.00059	-.00430	-.00019	.03475
#2	9.3092	.00082	-.00080	-.00157	-.00099	-.02201	-.00016	.02991

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00006	-.00464	.00013	-.00153	.00385	-.00083	.00083
Stddev	.00007	.00010	.01186	.00038	.00001	.01506	.00022	.00156
%RSD	25.909	178.09	255.87	287.50	.51272	391.56	26.177	187.07

#1	.00032	.00001	-.01302	-.00014	-.00153	-.00680	-.00067	.00193
#2	.00022	-.00013	.00375	.00040	-.00154	.01450	-.00098	-.00027

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00304	-.00929	.00019	.00142	-.00064	-.0013	.00002	
Stddev	.00130	.00027	.00007	.00184	.00069	.0002	.00005	
%RSD	42.821	2.8521	38.759	129.37	108.22	13.20	209.58	

#1	-.00212	-.00911	.00024	.00272	-.00015	-.0014	-.00001	
#2	-.00396	-.00948	.00014	.00012	-.00113	-.0012	.00005	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4702.6	64318.	4715.6	94.573	3948.7			
Stddev	3.2	751.	4.1	.907	5.9			
%RSD	.06722	1.1680	.08697	.95896	.14877			

#1	4700.4	63787.	4712.7	93.932	3944.5			
#2	4704.8	64849.	4718.5	95.214	3952.8			

Sample Name: SN 40PPM Acquired: 8/1/2017 12:15:06 Type: Unk
Method: P4-ICP2(v2119) 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	.00045	-.00116	-.00059	-.00077	.03301	-.00258	.00013	.00001
Stddev	.00157	.00014	.00066	.00055	.00127	.00500	.00082	.00000
%RSD	347.56	12.272	112.66	71.213	3.8581	193.73	653.88	54.325

#1	-.00066	-.00126	-.00012	-.00116	.03391	-.00612	.00071	.00000
#2	.00156	-.00106	-.00106	-.00038	.03211	.00095	-.00046	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.01997	-.00023	-.00034	-.00035	-.02432	-.00015	.01077
Stddev	.00008	.01182	.00022	.00018	.00022	.00408	.00002	.01964
%RSD	101.50	59.172	94.378	52.917	63.357	16.796	11.061	182.40

#1	.00002	.02833	-.00008	-.00047	-.00051	-.02143	-.00014	.02466
#2	.00014	.01162	-.00039	-.00021	-.00019	-.02720	-.00016	-.00312

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	-.00008	.00388	-.00019	-.00090	.03694	-.00079	-.00455
Stddev	.00016	.00028	.01988	.00056	.00001	.01571	.00007	.00643
%RSD	43.181	341.02	512.03	298.35	1.1829	42.523	8.5451	141.23

#1	-.00049	.00011	-.01018	-.00059	-.00091	.02583	-.00083	-.00001
#2	-.00026	-.00028	.01794	.00021	-.00089	.04805	-.00074	-.00910

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00182	.00078	37.248	-.00078	.00014	-.0015	.00002	
Stddev	.00191	.00012	.042	.00119	.00045	.0001	.00007	
%RSD	105.01	14.767	.11237	151.53	310.36	7.446	359.58	

#1	.00047	.00070	37.278	-.00162	-.00017	-.0015	-.00003	
#2	.00318	.00087	37.219	.00006	.00046	-.0014	.00007	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4680.3	64283.	4740.3	95.095	3855.1			
Stddev	8.8	227.	5.8	1.088	10.6			
%RSD	.18859	.35327	.12257	1.1441	.27522			

#1	4674.0	64122.	4744.4	94.326	3847.6			
#2	4686.5	64443.	4736.2	95.864	3862.6			

Sample Name: SN 55PPM Acquired: 8/1/2017 12:19:17 Type: Unk
Method: P4-ICP2(v2119) 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	.00097	-.00203	.00013	-.00059	.03940	.00492	.00014	.00000
Stddev	.00002	.00079	.00044	.00111	.00026	.00390	.00011	.00005
%RSD	2.2537	38.928	333.95	189.17	.65103	79.379	79.175	1748.4

#1	.00099	-.00258	.00044	-.00137	.03922	.00216	.00006	.00003
#2	.00096	-.00147	-.00018	.00020	.03959	.00768	.00022	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.02186	-.00024	-.00029	-.00024	-.02049	-.00016	.00618
Stddev	.00000	.00286	.00025	.00009	.00016	.00819	.00001	.01333
%RSD	36.229	13.067	101.65	29.534	65.866	39.969	3.4479	215.93

#1	.00000	.02388	-.00007	-.00035	-.00035	-.02627	-.00016	.01560
#2	.00001	.01984	-.00042	-.00023	-.00013	-.01470	-.00015	-.00325

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	-.00012	-.02514	-.00029	-.00101	.03823	-.00083	-.00702
Stddev	.00000	.00045	.00442	.00028	.00005	.00850	.00007	.00564
%RSD	1.2661	368.37	17.576	96.059	5.2423	22.235	8.5699	80.327

#1	-.00027	.00020	-.02827	-.00049	-.00105	.04424	-.00088	-.00303
#2	-.00027	-.00044	-.02202	-.00009	-.00098	.03222	-.00078	-.01100

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00492	.00135	54.209	.00086	-.00017	-.0021	.00005	
Stddev	.00109	.00070	.009	.00020	.00085	.0007	.00005	
%RSD	22.196	51.790	.01569	23.214	493.29	32.96	101.38	

#1	.00570	.00184	54.203	.00100	.00043	-.0026	.00009	
#2	.00415	.00086	54.215	.00072	-.00077	-.0016	.00001	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4719.8	64288.	4758.8	96.080	3874.6			
Stddev	4.7	209.	15.3	2.598	8.1			
%RSD	.09926	.32584	.32182	2.7041	.20800			

#1	4723.1	64140.	4748.0	94.243	3868.9			
#2	4716.5	64436.	4769.7	97.917	3880.3			

Sample Name: SN 70PPM Acquired: 8/1/2017 12:23:28 Type: Unk
Method: P4-ICP2(v2119) 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	.00057	-.00250	.00065	-.00018	.04017	-.00279	.00022	.00003
Stddev	.00160	.00038	.00046	.00166	.00086	.00045	.00110	.00002
%RSD	278.64	15.022	71.035	940.35	2.1416	16.310	504.38	76.260

#1	-.00056	-.00277	.00098	-.00135	.03956	-.00311	-.00056	.00005
#2	.00170	-.00224	.00032	.00100	.04078	-.00246	.00099	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00663	-.00050	-.00073	-.00048	-.01936	-.00017	.05615
Stddev	.00005	.00831	.00035	.00005	.00028	.01108	.00000	.00451
%RSD	272.67	125.32	69.416	7.2975	57.622	57.203	2.8828	8.0374

#1	-.00002	.00075	-.00025	-.00077	-.00067	-.02719	-.00016	.05296
#2	.00006	.01251	-.00074	-.00070	-.00028	-.01153	-.00017	.05934

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	.00004	-.00980	-.00028	-.00101	.02007	-.00062	-.00014
Stddev	.00003	.00008	.02135	.00011	.00014	.00263	.00001	.00136
%RSD	5.7096	206.05	217.84	38.649	13.656	13.122	2.2442	967.95

#1	-.00054	.00010	-.02490	-.00036	-.00091	.01821	-.00063	-.00110
#2	-.00050	-.00002	.00530	-.00021	-.00111	.02193	-.00061	.00082

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00971	.00229	70.438	.00048	-.00199	-.0011	-.00005	
Stddev	.00200	.00063	.115	.00017	.00057	.0006	.00000	
%RSD	20.588	27.738	.16328	35.770	28.893	55.15	6.0845	

#1	.01112	.00274	70.357	.00036	-.00239	-.0016	-.00005	
#2	.00830	.00184	70.519	.00060	-.00158	-.0007	-.00005	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4718.5	64152.	4729.1	93.776	3873.2			
Stddev	.6	49.	5.2	1.114	.8			
%RSD	.01291	.07715	.11040	1.1876	.02072			

#1	4718.1	64187.	4732.8	94.564	3873.8			
#2	4719.0	64117.	4725.4	92.989	3872.6			

Sample Name: SI 35PPM Acquired: 8/1/2017 12:27:41 Type: Unk
Method: P4-ICP2(v2119) 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	.00142	.00050	-.00073	.00152	.00159	-.00310	-.00039	.00002
Stddev	.00052	.00110	.00061	.00015	.00121	.01695	.00011	.00001
%RSD	36.347	220.03	83.959	9.6491	76.260	547.71	27.018	32.079

#1	.00106	.00128	-.00030	.00163	.00073	-.01508	-.00032	.00003
#2	.00179	-.00028	-.00116	.00142	.00245	.00889	-.00047	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.01429	-.00038	-.00051	-.00127	-.00566	-.00016	.03968
Stddev	.00002	.00422	.00012	.00002	.00011	.00298	.00002	.01908
%RSD	17.365	29.508	30.424	3.6802	8.9290	52.611	10.374	48.089

#1	.00013	.01131	-.00030	-.00050	-.00135	-.00356	-.00018	.05317
#2	.00010	.01727	-.00046	-.00053	-.00119	-.00777	-.00015	.02619

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	-.00043	-.01921	.00024	-.00098	.00731	-.00069	.00675
Stddev	.00017	.00018	.00420	.00010	.00009	.01664	.00016	.01306
%RSD	22.815	41.261	21.889	41.665	9.2468	227.57	23.332	193.46

#1	-.00085	-.00030	-.02218	.00017	-.00091	-.00445	-.00080	-.00248
#2	-.00061	-.00055	-.01623	.00031	-.00104	.01908	-.00058	.01599

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00724	34.441	.02506	.00073	-.00048	-.00007	-.00006	
Stddev	.00082	.195	.00362	.00326	.00304	.0011	.00014	
%RSD	11.369	.56526	14.455	444.38	630.57	173.4	230.91	

#1	.00782	34.304	.02762	.00304	-.00263	-.0015	.00004	
#2	.00665	34.579	.02250	-.00157	.00167	.0001	-.00016	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4732.1	64110.	4743.5	98.563	4103.0			
Stddev	8.5	104.	2.3	.642	5.0			
%RSD	.17990	.16254	.04770	.65111	.12133			

#1	4726.0	64183.	4741.9	99.017	4099.5			
#2	4738.1	64036.	4745.1	98.109	4106.6			

Sample Name: SI 50PPM Acquired: 8/1/2017 12:31:54 Type: Unk
Method: P4-ICP2(v2119) 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	.00147	.00056	-.00227	-.00028	.00049	-.00348	.00056	.00002
Stddev	.00188	.00036	.00207	.00063	.00012	.00240	.00025	.00004
%RSD	127.31	64.270	90.958	220.78	25.131	68.880	45.377	222.66

#1	.00015	.00031	-.00081	-.00073	.00040	-.00517	.00038	-.00001
#2	.00280	.00082	-.00373	.00016	.00058	-.00178	.00074	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.01437	-.00090	-.00079	-.00112	-.01336	-.00006	.02849
Stddev	.00005	.00813	.00019	.00030	.00003	.00184	.00008	.02007
%RSD	30.492	56.606	20.731	37.640	2.9224	13.789	132.20	70.443

#1	.00013	.02012	-.00103	-.00101	-.00110	-.01466	.00000	.04268
#2	.00020	.00862	-.00077	-.00058	-.00115	-.01206	-.00012	.01430

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00107	-.00001	-.00433	-.00004	-.00099	.02797	-.00058	-.00441
Stddev	.00003	.00019	.00549	.00055	.00002	.00114	.00017	.00341
%RSD	2.4861	1637.7	126.74	1280.9	2.3932	4.0594	29.542	77.391

#1	-.00105	-.00014	-.00045	.00035	-.00097	.02717	-.00070	-.00683
#2	-.00108	.00012	-.00821	-.00043	-.00100	.02877	-.00046	-.00200

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00917	50.329	.00833	.00031	-.00046	-.0013	-.00002	
Stddev	.00177	.346	.00132	.00220	.00212	.0004	.00004	
%RSD	19.273	.68844	15.780	714.63	460.62	31.30	180.64	

#1	.00792	50.084	.00926	.00186	-.00196	-.0016	-.00005	
#2	.01042	50.574	.00740	-.00125	.00104	-.0010	.00001	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4740.0	64487.	4734.2	99.692	4092.5			
Stddev	8.9	270.	22.1	2.412	5.8			
%RSD	.18857	.41887	.46750	2.4191	.14242			

#1	4733.7	64296.	4749.9	101.40	4088.4			
#2	4746.3	64678.	4718.6	97.987	4096.6			

Sample Name: SI 65PPM Acquired: 8/1/2017 12:36:06 Type: Unk
Method: P4-ICP2(v2119) 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	.00237	.00068	-.00134	.00050	.00089	-.01047	.00058	.00000
Stddev	.00046	.00011	.00023	.00087	.00026	.00114	.00031	.00001
%RSD	19.303	16.798	17.280	172.71	28.690	10.935	52.938	499.19

#1	.00204	.00060	-.00118	-.00011	.00071	-.01128	.00036	-.00001
#2	.00269	.00076	-.00150	.00112	.00107	-.00966	.00080	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.00750	-.00035	-.00121	-.00121	-.02194	-.00006	.04822
Stddev	.00013	.00883	.00002	.00010	.00008	.01373	.00001	.00090
%RSD	52.276	117.64	4.9990	8.1809	6.4758	62.577	23.720	1.8745

#1	.00016	.01374	-.00034	-.00128	-.00127	-.01223	-.00007	.04758
#2	.00035	.00126	-.00036	-.00114	-.00116	-.03165	-.00005	.04886

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00141	.00005	-.01790	-.00035	-.00088	.01372	-.00087	-.00379
Stddev	.00012	.00035	.00101	.00043	.00004	.04080	.00001	.00322
%RSD	8.8192	672.95	5.6233	123.51	5.0235	297.45	1.6536	85.060

#1	-.00150	-.00020	-.01861	-.00004	-.00091	-.01513	-.00088	-.00151
#2	-.00132	.00030	-.01719	-.00066	-.00085	.04257	-.00086	-.00607

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.01518	66.332	.00413	.00124	-.00190	-.0008	.00001	
Stddev	.00011	.194	.00051	.00087	.00068	.0002	.00003	
%RSD	.69352	.29239	12.297	70.145	35.742	25.53	318.47	

#1	.01510	66.195	.00449	.00062	-.00142	-.0007	.00004	
#2	.01525	66.469	.00377	.00185	-.00238	-.0010	-.00001	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4733.3	64193.	4749.4	100.35	4080.9			
Stddev	11.0	158.	21.2	2.15	.3			
%RSD	.23209	.24656	.44641	2.1422	.00731			

#1	4725.5	64305.	4764.4	101.87	4080.7			
#2	4741.0	64081.	4734.4	98.830	4081.1			

Sample Name: AG 8PPM Acquired: 8/1/2017 12:40:20 Type: Unk
Method: P4-ICP2(v2119) 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	.00141	.00044	-.00010	-.00006	-.00024	-.00402	.00066	.00001
Stddev	.00197	.00080	.00033	.00071	.00006	.01219	.00047	.00003
%RSD	139.40	180.95	333.90	1135.9	23.743	303.22	71.565	330.86

#1	.00002	.00101	-.00033	-.00057	-.00028	-.01264	.00032	.00003
#2	.00280	-.00012	.00013	.00044	-.00020	.00460	.00099	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.01532	-.00038	-.00004	-.00033	-.01439	-.00017	.03458
Stddev	.00006	.00125	.00005	.00001	.00072	.00013	.00005	.02224
%RSD	39.005	8.1371	13.517	28.946	218.83	.89192	31.812	64.325

#1	-.00018	.01444	-.00035	-.00005	-.00084	-.01430	-.00013	.05031
#2	-.00010	.01620	-.00042	-.00003	.00018	-.01448	-.00021	.01885

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	7.6499	-.02445	-.00048	-.00103	.00274	-.00087	.00358
Stddev	.00033	.0019	.00257	.00005	.00004	.00909	.00018	.00348
%RSD	287.46	.02452	10.505	10.256	4.1610	331.29	20.248	97.142

#1	-.00012	7.6485	-.02264	-.00052	-.00100	-.00368	-.00074	.00112
#2	.00034	7.6512	-.02627	-.00045	-.00106	.00917	-.00099	.00604

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00136	.03259	.00442	.00153	-.00189	-.0010	-.00006	
Stddev	.00032	.00396	.00009	.00035	.00179	.0007	.00001	
%RSD	23.468	12.140	1.9954	22.743	94.797	68.98	10.825	

#1	-.00114	.03539	.00448	.00129	-.00316	-.0005	-.00007	
#2	-.00159	.02980	.00436	.00178	-.00062	-.0015	-.00006	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4714.0	64168.	4720.1	94.059	3881.4			
Stddev	14.8	153.	6.1	.746	6.5			
%RSD	.31319	.23776	.12908	.79277	.16857			

#1	4703.6	64276.	4715.8	94.586	3876.8			
#2	4724.4	64060.	4724.4	93.532	3886.1			

Sample Name: CCV02 Acquired: 8/1/2017 12:44:34 Type: Unk
Method: P4-ICP2(v2119) 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	4.9216	4.9877	4.9163	5.0328	4.9969	10.440	10.194	.25649	2.5218
Stddev	.0070	.0046	.0103	.0052	.0133	.009	.038	.00102	.0009
%RSD	.14277	.09225	.20902	.10413	.26631	.09070	.36959	.39661	.03485

#1	4.9266	4.9910	4.9091	5.0365	5.0063	10.433	10.221	.25721	2.5211
#2	4.9166	4.9845	4.9236	5.0291	4.9875	10.447	10.168	.25577	2.5224

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.468	1.0140	2.4724	1.2605	4.9455	2.6100	24.831	2.5531	1.2444
Stddev	.004	.0112	.0013	.0004	.0304	.0034	.050	.0010	.0002
%RSD	.01439	1.1007	.05137	.02855	.61477	.13229	.20164	.03721	.01273

#1	25.465	1.0219	2.4715	1.2603	4.9670	2.6124	24.796	2.5525	1.2443
#2	25.470	1.0061	2.4733	1.2608	4.9240	2.6075	24.866	2.5538	1.2445

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	25.352	2.5688	2.5056	25.720	5.0442	5.1650	5.1168	5.1295	5.0584
Stddev	.031	.0012	.0044	.031	.0082	.0107	.0026	.0250	.0095
%RSD	.12262	.04564	.17651	.12011	.16323	.20612	.05046	.48637	.18673

#1	25.374	2.5696	2.5025	25.698	5.0500	5.1575	5.1149	5.1472	5.0517
#2	25.330	2.5680	2.5088	25.741	5.0384	5.1725	5.1186	5.1119	5.0651

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	5.0434	5.1312	5.257	5.0557
Stddev	.0221	.0063	.005	.0280
%RSD	.43798	.12356	.0934	.55461

#1	5.0590	5.1357	5.261	5.0359
#2	5.0278	5.1267	5.254	5.0756

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4576.8	63358.	4641.8	92.338	3732.4
Stddev	10.7	22.	2.8	.086	2.3
%RSD	.23433	.03543	.05998	.09283	.06156

#1	4569.2	63374.	4639.8	92.399	3730.7
#2	4584.4	63342.	4643.8	92.278	3734.0

Sample Name: CCB02 Acquired: 8/1/2017 12:48:40 Type: Unk

Method: P4-ICP2(v2119) 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	-.00035	-.00002	.00145	.00026	-.01165	.00050	.00003
Stddev	.00181	.00197	.00022	.00081	.00088	.00935	.00112	.00003
%RSD	139.05	567.43	1175.8	55.913	338.16	80.295	221.58	77.122

#1	.00002	-.00174	-.00017	.00088	-.00036	-.01826	-.00029	.00002
#2	.00258	.00104	.00014	.00202	.00088	-.00503	.00129	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00246	.00000	-.00003	-.00015	-.01480	-.00010	.06512
Stddev	.00002	.01616	.0002	.00006	.00002	.00625	.00001	.00107
%RSD	160.41	655.76	22242.	189.78	15.286	42.195	14.523	1.6450

#1	.00000	.00896	-.00016	.00001	-.00017	-.01038	-.00011	.06436
#2	.00003	-.01389	.00016	-.00008	-.00013	-.01922	-.00009	.06588

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00038	-.01502	.00018	-.00108	.04940	.00192	.01099
Stddev	.00041	.00019	.00165	.00053	.00001	.03016	.00042	.00294
%RSD	4588.0	49.566	10.970	298.61	1.2091	61.061	21.777	26.716

#1	.00028	.00025	-.01386	-.00020	-.00109	.07073	.00222	.00892
#2	-.00030	.00052	-.01619	.00055	-.00107	.02807	.00163	.01307

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00182	.00856	.00481	.00179	.00023	-.0010	.00006	
Stddev	.00017	.00232	.00032	.00142	.00027	.0003	.00001	
%RSD	9.3053	27.103	6.6968	79.273	117.29	27.61	21.014	

#1	-.00170	.01020	.00504	.00279	.00004	-.0012	.00005	
#2	-.00194	.00692	.00458	.00079	.00042	-.0008	.00007	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4699.0	63841.	4684.1	95.796	3912.8			
Stddev	20.0	3.	3.0	.966	14.3			
%RSD	.42469	.00537	.06403	1.0088	.36488			

#1	4684.8	63839.	4682.0	96.480	3902.7			
#2	4713.1	63844.	4686.2	95.113	3922.8			

Sample Name: TI 50PPM Acquired: 8/1/2017 12:52:56 Type: Unk
Method: P4-ICP2(v2119) 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	-.00004	.00101	.00110	-.00070	.01783	-.01108	-.00114	-.00001
Stddev	.00113	.00000	.00045	.00154	.00021	.01286	.00055	.00002
%RSD	2581.3	.21440	40.691	218.87	1.1750	116.14	47.941	138.73

#1	-.00084	.00102	.00142	.00038	.01798	-.00198	-.00076	-.00003
#2	.00075	.00101	.00079	-.00179	.01768	-.02017	-.00153	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	.00892	.00302	.02326	.00458	-.02684	.00020	-.08436
Stddev	.00004	.00449	.00018	.00044	.00000	.00620	.00004	.00436
%RSD	1.9313	50.360	5.9868	1.8997	.01598	23.100	22.022	5.1693

#1	.00224	.01210	.00290	.02357	.00458	-.03123	.00023	-.08128
#2	.00230	.00575	.00315	.02294	.00458	-.02246	.00017	-.08744

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	-.00382	-.02236	.00197	.00443	.02740	-.00045	-.03974
Stddev	.00019	.00020	.00232	.00036	.00010	.02400	.00000	.00478
%RSD	30.647	5.1253	10.394	18.044	2.2685	87.608	.29877	12.039

#1	-.00047	-.00368	-.02071	.00222	.00450	.04437	-.00045	-.04312
#2	-.00074	-.00396	-.02400	.00172	.00436	.01042	-.00044	-.03636

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00256	-.03389	.09343	49.080	-.00085	-.0004	.00002	
Stddev	.00137	.00704	.00032	.025	.00035	.0013	.00011	
%RSD	53.498	20.776	.34752	.05129	40.793	340.8	499.14	

#1	.00353	-.03887	.09320	49.062	-.00061	-.0013	.00010	
#2	.00159	-.02891	.09366	49.098	-.00110	.0005	-.00005	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4715.4	64252.	4726.5	96.332	4056.5			
Stddev	10.6	5.	13.6	.904	14.3			
%RSD	.22485	.00844	.28678	.93855	.35204			

#1	4707.9	64256.	4736.1	96.971	4046.4			
#2	4722.9	64248.	4716.9	95.693	4066.6			

Sample Name: TI 75PPM Acquired: 8/1/2017 12:57:10 Type: Unk
Method: P4-ICP2(v2119) 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	.00069	.00120	.00138	.00017	.02734	.00259	-.00176	.00003
Stddev	.00077	.00203	.00045	.00009	.00022	.00354	.00011	.00001
%RSD	111.54	168.61	32.491	55.943	.82098	136.93	6.1146	37.376

#1	.00123	-.00023	.00106	.00024	.02718	.00008	-.00169	.00003
#2	.00014	.00264	.00169	.00010	.02750	.00509	-.00184	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00329	-.00325	.00427	.03357	.00660	-.00938	-.00023	-.12604
Stddev	.00000	.00469	.00038	.00147	.00085	.00130	.00003	.00778
%RSD	.02801	144.35	8.9928	4.3831	12.938	13.882	13.781	6.1760

#1	.00329	.00007	.00400	.03461	.00720	-.00846	-.00021	-.12054
#2	.00329	-.00656	.00454	.03253	.00599	-.01030	-.00025	-.13155

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00102	-.00715	-.01557	.00239	.00640	.03510	-.00093	-.06501
Stddev	.00021	.00049	.00525	.00051	.00038	.05127	.00003	.00372
%RSD	21.007	6.8550	33.701	21.526	5.9379	146.08	3.0348	5.7237

#1	-.00087	-.00750	-.01928	.00203	.00613	-.00116	-.00091	-.06238
#2	-.00117	-.00681	-.01186	.00275	.00667	.07136	-.00095	-.06764

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00329	.02885	.13905	73.051	-.00077	-.0006	-.00003	
Stddev	.00020	.01246	.00222	.563	.00059	.0009	.00008	
%RSD	6.0791	43.201	1.5989	.77047	77.009	153.8	309.93	

#1	.00315	.02004	.13747	72.653	-.00119	.0001	-.00009	
#2	.00343	.03766	.14062	73.449	-.00035	-.0012	.00003	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4698.4	63970.	4714.4	94.802	4037.9			
Stddev	3.9	119.	6.7	.398	1.4			
%RSD	.08247	.18557	.14108	.41948	.03383			

#1	4701.2	64054.	4719.1	94.521	4038.9			
#2	4695.7	63886.	4709.7	95.083	4036.9			

Sample Name: TI 100PPM Acquired: 8/1/2017 13:01:23 Type: Unk
Method: P4-ICP2(v2119) 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	-.00097	-.00579	.00246	.00004	.03746	-.00627	-.00241	-.00007
Stddev	.00012	.00051	.00089	.00077	.00218	.00196	.00066	.00001
%RSD	12.784	8.7523	36.071	2078.9	5.8213	31.297	27.357	12.166

#1	-.00105	-.00615	.00309	-.00051	.03592	-.00488	-.00287	-.00008
#2	-.00088	-.00543	.00183	.00058	.03901	-.00766	-.00194	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00454	.01899	.00558	.04814	.00936	-.01240	-.00019	-.20955
Stddev	.00007	.01181	.00038	.00137	.00050	.00376	.00002	.00552
%RSD	1.5151	62.181	6.8817	2.8430	5.3130	30.346	8.0703	2.6323

#1	.00449	.02734	.00531	.04717	.00901	-.00974	-.00021	-.20565
#2	.00459	.01064	.00585	.04911	.00972	-.01507	-.00018	-.21345

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00144	-.01125	-.02188	.00413	.00851	.03187	-.00087	-.08424
Stddev	.00004	.00055	.00620	.00001	.00079	.00683	.00043	.00728
%RSD	2.8781	4.8602	28.322	.29456	9.2500	21.446	49.658	8.6446

#1	-.00147	-.01163	-.01749	.00412	.00907	.03670	-.00056	-.08939
#2	-.00141	-.01086	-.02626	.00414	.00795	.02704	-.00117	-.07909

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00836	.09082	.18135	F 96.542	-.00093	-.0006	.00011	
Stddev	.00364	.02145	.00161	.800	.00159	.0006	.00007	
%RSD	43.505	23.622	.88847	.82883	170.77	103.7	61.060	

#1	.01094	.07565	.18249	97.108	.00019	-.0002	.00016	
#2	.00579	.10599	.18021	95.976	-.00206	-.0011	.00006	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4647.9	62852.	4708.2	94.367	3990.6			
Stddev	3.4	502.	48.8	.568	6.5			
%RSD	.07339	.79938	1.0366	.60242	.16312			

#1	4645.5	62496.	4673.7	94.769	3986.0			
#2	4650.3	63207.	4742.8	93.965	3995.2			

Sample Name: CA 1800PPM Acquired: 8/1/2017 13:05:35 Type: Unk
Method: P4-ICP2(v2119) 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	.00393	.00669	-.00883	-.21632	-.00665	F -1.2795	.00307
Stddev	.00290	.00040	.00112	.00033	.00062	.0039	.00003
%RSD	73.728	5.9945	12.672	.15255	9.2774	.30531	1.0211

#1	.00188	.00697	-.00962	-.21655	-.00708	-1.2822	.00310
#2	.00598	.00641	-.00803	-.21608	-.00621	-1.2767	.00305

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00007	1841.2	-.00032	-.00095	.00059	-.01219
Stddev	.00004	.00001	3.2	.00009	.00014	.00020	.00240
%RSD	91.640	20.543	.17607	27.695	14.699	33.676	19.724

#1	.00008	.00008	1843.5	-.00038	-.00085	.00073	-.01049
#2	.00002	.00006	1838.9	-.00026	-.00105	.00045	-.01389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	.01292	.00049	-.00127	.05527	.00016	-.00046
Stddev	.00002	.02736	.00022	.00041	.00189	.00034	.00005
%RSD	10.500	211.77	45.327	32.574	3.4188	211.71	11.130

#1	-.00022	-.00643	.00065	-.00098	.05660	-.00008	-.00050
#2	-.00019	.03226	.00033	-.00157	.05393	.00040	-.00042

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03615	-.00077	.00148	.05236	.01061	-.00045	-.05813
Stddev	.00067	.00011	.00266	.00652	.00184	.00064	.00050
%RSD	1.8561	13.614	179.21	12.448	17.302	144.56	.85656

#1	.03662	-.00085	.00336	.04775	.01191	.00001	-.05848
#2	.03568	-.00070	-.00040	.05696	.00931	-.00090	-.05777

Elem	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm
Avg	.04590	-.0025	-.00630
Stddev	.00156	.0025	.00047
%RSD	3.4043	98.98	7.4768

#1	.04480	-.0042	-.00663
#2	.04701	-.0007	-.00597

Sample Name: CA 1800PPM Acquired: 8/1/2017 13:05:35 Type: Unk
Method: P4-ICP2(v2119) 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	4117.6	60392.	4438.2	81.550	3236.7
Stddev	15.4	132.	25.8	1.331	8.5
%RSD	.37408	.21935	.58047	1.6317	.26120
#1	4106.7	60298.	4419.9	80.609	3230.7
#2	4128.5	60486.	4456.4	82.491	3242.7

Sample Name: CA 2300PPM Acquired: 8/1/2017 13:09:53 Type: Unk
Method: P4-ICP2(v2119) 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	.00094	.00451	-.01086	-.26849	-.00550	F -1.6726	.00379
Stddev	.00014	.00054	.00108	.00038	.00011	.0145	.00060
%RSD	15.335	11.954	9.9891	.13970	2.0825	.86588	15.831

#1	.00083	.00489	-.01162	-.26822	-.00559	-1.6828	.00337
#2	.00104	.00413	-.01009	-.26875	-.00542	-1.6624	.00422

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00016	2277.1	.00011	-.00080	.00053	-.01703
Stddev	.00003	.00003	7.8	.00045	.00023	.00039	.00134
%RSD	78.243	19.001	.34453	402.74	28.563	73.474	7.8441

#1	.00006	.00018	2271.6	.00043	-.00097	.00080	-.01798
#2	.00002	.00014	2282.7	-.00021	-.00064	.00025	-.01609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.03471	.00087	-.00210	.06795	-.00049	-.00026
Stddev	.00005	.03431	.00035	.00060	.00397	.00003	.00003
%RSD	47.206	98.844	39.995	28.771	5.8459	5.2155	10.832

#1	-.00007	.01045	.00063	-.00167	.07076	-.00047	-.00028
#2	-.00014	.05898	.00112	-.00253	.06514	-.00051	-.00024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04224	-.00094	-.00205	.08069	.00528	-.00157	-.07895
Stddev	.02109	.00008	.00018	.00160	.00146	.00069	.00088
%RSD	49.925	8.4532	8.7297	1.9855	27.587	44.156	1.1087

#1	.05715	-.00100	-.00192	.07956	.00631	-.00108	-.07833
#2	.02733	-.00089	-.00217	.08182	.00425	-.00206	-.07957

Elem	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm
Avg	.05719	-.0021	-.00660
Stddev	.00153	.0002	.00079
%RSD	2.6820	8.933	11.940

#1	.05827	-.0023	-.00604
#2	.05611	-.0020	-.00716

Sample Name: CA 2300PPM Acquired: 8/1/2017 13:09:53 Type: Unk
Method: P4-ICP2(v2119) 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	4035.0	59198.	4392.6	80.740	3125.9
Stddev	5.4	374.	7.5	2.980	6.1
%RSD	.13281	.63174	.17094	3.6910	.19597
#1	4031.2	59462.	4387.3	82.847	3121.6
#2	4038.8	58933.	4397.9	78.633	3130.3

Sample Name: CA 2700PPM Acquired: 8/1/2017 13:14:10 Type: Unk
Method: P4-ICP2(v2119) 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	.00066	.00509	-.01213	-.31471	-.00381	F -1.9782	.00375
Stddev	.00136	.00099	.00050	.00285	.00181	.0350	.00042
%RSD	206.02	19.516	4.1337	.90704	47.539	1.7716	11.289

#1	.00162	.00579	-.01249	-.31672	-.00253	-2.0030	.00345
#2	-.00030	.00439	-.01178	-.31269	-.00509	-1.9534	.00405

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00014	2682.2	-.00028	-.00135	.00095	-.02002
Stddev	.00002	.00014	17.4	.00015	.00040	.00011	.00949
%RSD	51.355	99.771	.64987	53.543	29.618	11.138	47.420

#1	.00002	.00024	2694.6	-.00017	-.00163	.00102	-.01331
#2	.00005	.00004	2669.9	-.00038	-.00107	.00087	-.02674

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.06445	.00091	-.00228	.08787	-.00019	-.00003
Stddev	.00007	.00075	.00086	.00048	.00841	.00004	.00008
%RSD	36.828	1.1594	94.421	20.964	9.5704	18.004	252.10

#1	-.00014	.06392	.00030	-.00262	.08192	-.00017	.00002
#2	-.00023	.06498	.00151	-.00194	.09381	-.00022	-.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05795	-.00098	-.00352	.11314	.00586	-.00150	-.09382
Stddev	.01039	.00015	.00573	.00556	.00054	.00122	.00125
%RSD	17.935	15.159	163.08	4.9157	9.1808	81.270	1.3273

#1	.06530	-.00087	.00054	.10920	.00548	-.00064	-.09470
#2	.05060	-.00108	-.00757	.11707	.00624	-.00237	-.09294

Elem	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm
Avg	.07023	-.0036	-.00501
Stddev	.00009	.0002	.00150
%RSD	.13140	4.553	30.031

#1	.07016	-.0037	-.00607
#2	.07029	-.0035	-.00394

Sample Name: CA 2700PPM Acquired: 8/1/2017 13:14:10 Type: Unk
Method: P4-ICP2(v2119) 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	3950.4	58543.	4371.1	79.583	3041.3
Stddev	7.5	272.	1.9	1.272	3.8
%RSD	.18995	.46538	.04440	1.5985	.12541
#1	3945.1	58350.	4372.5	78.683	3038.6
#2	3955.7	58736.	4369.7	80.483	3044.0

Sample Name: P 35PPM Acquired: 8/1/2017 13:18:29 Type: Unk
Method: P4-ICP2(v2119) 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	.00471	.00186	.00059	.00018	-.00029	-.00140	-.00030	.00000
Stddev	.00013	.00102	.00042	.00107	.00139	.01904	.00092	.00002
%RSD	2.8591	54.690	70.993	580.98	478.11	1360.9	308.54	1548.9

#1	.00461	.00114	.00029	.00094	.00069	-.01486	.00035	-.00001
#2	.00480	.00258	.00088	-.00057	-.00127	.01206	-.00095	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.04567	.00158	-.00009	-.00049	-.02736	.00016	.01945
Stddev	.00006	.01629	.00006	.00007	.00036	.00216	.00001	.00409
%RSD	149.07	35.666	3.8972	81.614	72.787	7.8805	7.0713	21.044

#1	.00000	.05719	.00163	-.00014	-.00024	-.02584	.00016	.01656
#2	-.00008	.03415	.00154	-.00004	-.00074	-.02889	.00017	.02235

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	-.00018	-.00696	.00032	-.00085	.05210	.00033	.00803
Stddev	.00004	.00058	.00292	.00073	.00004	.01785	.00018	.00117
%RSD	14.757	315.22	41.889	227.20	4.3457	34.250	53.248	14.557

#1	.00031	-.00059	-.00490	.00083	-.00082	.03948	.00046	.00721
#2	.00025	.00022	-.00902	-.00019	-.00087	.06472	.00021	.00886

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00199	.01310	.00154	.00153	.00012	37.08	.00041	
Stddev	.00035	.00286	.00003	.00101	.00113	.16	.00013	
%RSD	17.383	21.840	2.1572	66.264	928.79	.4407	31.696	

#1	-.00174	.01512	.00156	.00081	.00092	36.97	.00050	
#2	-.00223	.01107	.00151	.00225	-.00068	37.20	.00032	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4777.9	64497.	4736.3	99.023	4151.7			
Stddev	5.5	172.	9.9	1.249	13.9			
%RSD	.11542	.26611	.20963	1.2610	.33364			

#1	4781.8	64375.	4729.3	98.140	4161.5			
#2	4774.0	64618.	4743.4	99.906	4141.9			

Sample Name: P 40PPM Acquired: 8/1/2017 13:22:42 Type: Unk
 Method: P4-ICP2(v2119) 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	.00062	-.00067	.00102	.00120	-.00244	-.00018	.00006
Stddev	.00030	.00040	.00053	.00013	.00082	.00121	.00044	.00002
%RSD	14.684	64.882	80.411	12.790	68.245	49.527	238.32	32.994

#1	.00184	.00033	-.00104	.00093	.00062	-.00329	-.00049	.00008
#2	.00226	.00090	-.00029	.00112	.00177	-.00158	.00013	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.01020	.00166	-.00007	-.00014	-.02179	.00005	.01650
Stddev	.00003	.00413	.00047	.00012	.00006	.00684	.00008	.00738
%RSD	937.09	40.528	28.268	167.12	46.313	31.414	146.14	44.743

#1	-.00002	.01312	.00133	.00001	-.00018	-.02663	.00011	.02171
#2	.00002	.00728	.00199	-.00016	-.00009	-.01695	.00000	.01128

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00007	-.01861	-.00007	-.00113	.01854	.00016	-.00037
Stddev	.00027	.00002	.00739	.00042	.00005	.00627	.00021	.00117
%RSD	233.47	25.811	39.731	628.68	4.6737	33.792	132.77	316.66

#1	.00007	.00005	-.02383	-.00037	-.00117	.01411	.00031	-.00119
#2	-.00030	.00008	-.01338	.00023	-.00109	.02297	.00001	.00046

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00126	.00886	.00140	.00140	-.00003	41.57	.00048	
Stddev	.00096	.00010	.00036	.00051	.00148	.05	.00008	
%RSD	76.255	1.1295	25.819	36.504	5509.8	.1134	17.588	

#1	-.00058	.00879	.00114	.00104	.00102	41.60	.00042	
#2	-.00195	.00893	.00165	.00176	-.00107	41.54	.00054	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4769.4	64492.	4755.0	98.570	4139.8			
Stddev	1.4	221.	2.4	.666	8.8			
%RSD	.02834	.34206	.05093	.67552	.21243			

#1	4770.4	64336.	4753.3	98.099	4133.6			
#2	4768.5	64648.	4756.7	99.041	4146.1			

Sample Name: P 45PPM Acquired: 8/1/2017 13:27:00 Type: Unk
Method: P4-ICP2(v2119) 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	.00252	-.00072	-.00013	.00032	-.00076	-.00988	-.00057	.00003
Stddev	.00075	.00173	.00049	.00069	.00077	.01708	.00109	.00001
%RSD	29.750	241.32	373.39	218.11	101.12	172.79	191.13	33.233

#1	.00305	.00051	.00022	.00081	-.00130	-.02196	-.00134	.00002
#2	.00199	-.00195	-.00048	-.00017	-.00022	.00219	.00020	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.02079	.00236	-.00007	-.00029	-.02340	.00005	.02735
Stddev	.00003	.00069	.00007	.00006	.00012	.00383	.00002	.01876
%RSD	83.489	3.3132	2.8573	85.609	42.911	16.371	32.870	68.586

#1	-.00006	.02030	.00231	-.00011	-.00020	-.02611	.00006	.04061
#2	-.00002	.02127	.00241	-.00003	-.00038	-.02069	.00004	.01408

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	-.00009	-.00656	-.00010	-.00107	.04463	.00057	.00380
Stddev	.00010	.00002	.00614	.00014	.00002	.03094	.00004	.00148
%RSD	51.848	19.387	93.570	139.81	1.9525	69.332	6.4838	38.920

#1	-.00026	-.00008	-.01091	-.00020	-.00105	.06651	.00060	.00275
#2	-.00012	-.00011	-.00222	.00000	-.00108	.02275	.00055	.00484

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00185	.00829	.00151	.00243	-.00178	46.22	.00048	
Stddev	.00053	.00263	.00054	.00028	.00069	.38	.00000	
%RSD	28.458	31.664	35.445	11.564	39.040	.8224	.74664	

#1	-.00147	.00644	.00113	.00263	-.00129	45.96	.00047	
#2	-.00222	.01015	.00189	.00223	-.00227	46.49	.00048	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4727.7	64145.	4762.5	100.63	4114.7			
Stddev	22.2	405.	22.0	1.24	20.0			
%RSD	.46951	.63128	.46188	1.2324	.48558			

#1	4743.4	63858.	4778.1	99.750	4128.8			
#2	4712.0	64431.	4747.0	101.50	4100.6			

Sample Name: LI 70PPM Acquired: 8/1/2017 13:31:14 Type: Unk
Method: P4-ICP2(v2119) 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	.00159	.00129	.00072	-.00059	.00012	-.00602	-.00063	.00004
Stddev	.00107	.00034	.00027	.00015	.00152	.00455	.00058	.00001
%RSD	67.038	26.015	37.066	25.631	1293.2	75.502	92.018	29.785

#1	.00084	.00105	.00053	-.00070	.00119	-.00924	-.00104	.00004
#2	.00234	.00153	.00091	-.00049	-.00095	-.00281	-.00022	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.02553	-.00041	-.00010	-.00045	-.00716	-.00016	.05449
Stddev	.00001	.00547	.00053	.00016	.00051	.00883	.00004	.00541
%RSD	26.524	21.424	131.22	149.75	113.57	123.38	24.918	9.9222

#1	.00004	.02166	-.00078	.00001	-.00081	-.01341	-.00013	.05067
#2	.00003	.02940	-.00003	-.00022	-.00009	-.00091	-.00018	.05832

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	.00021	.04294	-.00018	.00159	.05167	-.00022	-.00115
Stddev	.00031	.00044	.03137	.00025	.00014	.01910	.00006	.00401
%RSD	98.912	208.53	73.059	133.87	8.7963	36.967	28.335	348.75

#1	-.00054	.00053	.02075	-.00036	.00169	.06517	-.00026	-.00398
#2	-.00009	-.00010	.06512	-.00001	.00149	.03816	-.00017	.00168

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.01369	.01434	.00117	-.00025	67.847	.0268	.00034	
Stddev	.00125	.00151	.00062	.00191	.644	.0019	.00013	
%RSD	9.1137	10.562	53.076	751.46	.94926	7.136	39.929	

#1	-.01281	.01326	.00160	.00110	67.391	.0282	.00024	
#2	-.01457	.01541	.00073	-.00161	68.302	.0255	.00043	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4554.3	63101.	4622.7	92.735	3814.4			
Stddev	9.9	194.	4.2	1.976	12.3			
%RSD	.21629	.30798	.08987	2.1304	.32278			

#1	4547.4	62963.	4625.6	91.338	3805.7			
#2	4561.3	63238.	4619.8	94.132	3823.1			

Sample Name: CCV03 Acquired: 8/1/2017 13:35:33 Type: Unk
Method: P4-ICP2(v2119) 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	4.8859	4.9598	4.8360	5.0539	4.9543	10.523	9.9895	.25749	2.4978
Stddev	.0010	.0073	.0093	.0111	.0008	.025	.0927	.00020	.0040
%RSD	.02107	.14623	.19268	.21912	.01634	.23364	.92812	.07820	.16195

#1	4.8866	4.9547	4.8294	5.0460	4.9537	10.540	9.9239	.25735	2.4950
#2	4.8851	4.9649	4.8425	5.0617	4.9548	10.506	10.055	.25763	2.5007

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.054	1.0081	2.4329	1.2477	5.0270	2.5956	24.361	2.5387	1.2399
Stddev	.139	.0006	.0024	.0028	.0770	.0035	.051	.0046	.0031
%RSD	.55295	.06283	.09680	.22712	1.5324	.13469	.21113	.17907	.25213

#1	24.956	1.0086	2.4312	1.2457	5.0815	2.5931	24.325	2.5355	1.2421
#2	25.152	1.0077	2.4345	1.2497	4.9725	2.5981	24.397	2.5419	1.2377

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	24.732	2.5538	2.5109	25.383	4.9723	5.1602	5.1536	4.9317	4.9805
Stddev	.055	.0003	.0272	.011	.0024	.0214	.0077	.0163	.0107
%RSD	.22369	.01033	1.0845	.04511	.04883	.41488	.14890	.32992	.21475

#1	24.772	2.5536	2.5302	25.391	4.9740	5.1753	5.1482	4.9432	4.9729
#2	24.693	2.5540	2.4917	25.375	4.9706	5.1451	5.1591	4.9202	4.9880

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.9935	5.0720	5.342	4.9056
Stddev	.0053	.0110	.011	.0024
%RSD	.10672	.21727	.2102	.04878

#1	4.9972	5.0798	5.334	4.9039
#2	4.9897	5.0642	5.350	4.9073

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4593.4	63023.	4716.0	91.051	3725.8
Stddev	7.3	14.	3.7	1.053	.5
%RSD	.15897	.02148	.07811	1.1560	.01401

#1	4588.3	63033.	4718.6	90.307	3725.4
#2	4598.6	63014.	4713.4	91.795	3726.1

Sample Name: CCB03 Acquired: 8/1/2017 14:15:49 Type: Unk

Method: P4-ICP2(v2119) 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	-0.00017	-0.00272	-0.00059	.00116	-0.00014	-0.00171	-0.00083	-0.00001
Stddev	.00076	.00039	.00063	.00021	.00091	.00059	.00066	.00004
%RSD	441.77	14.273	107.71	18.088	651.84	34.533	79.530	773.24

#1	.00037	-0.00300	-0.00103	.00131	.00050	-0.00213	-0.00036	.00002
#2	-0.00071	-0.00245	-0.00014	.00101	-0.00078	-0.00129	-0.00129	-0.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.00018	-0.01278	-0.00032	-0.00050	-0.00046	-0.02299	-0.00020	.04224
Stddev	.00005	.00699	.00033	.00006	.00013	.00263	.00004	.00718
%RSD	27.275	54.722	103.24	11.610	27.438	11.454	21.507	16.995

#1	-0.00021	-0.00784	-0.00009	-0.00054	-0.00037	-0.02113	-0.00017	.03716
#2	-0.00014	-0.01773	-0.00055	-0.00045	-0.00055	-0.02485	-0.00023	.04731

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.00019	-0.00001	-0.02149	.00001	-0.00126	.04281	-0.00108	-0.00695
Stddev	.00013	.00027	.00165	.00032	.00007	.01004	.00016	.00217
%RSD	68.817	5301.8	7.6968	2636.4	5.3874	23.466	15.108	31.147

#1	-0.00028	.00018	-0.02032	-0.00022	-0.00131	.04991	-0.00120	-0.00542
#2	-0.00010	-0.00019	-0.02266	.00024	-0.00121	.03570	-0.00097	-0.00848

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-0.00223	-0.00260	-0.00029	-0.00092	-0.00379	.0032	.00008	
Stddev	.00018	.00283	.00038	.00293	.00031	.0002	.00001	
%RSD	8.1615	108.74	133.99	317.66	8.1494	4.932	8.6958	

#1	-0.00236	-0.00460	-0.00056	.00115	-0.00401	.0031	.00007	
#2	-0.00210	-0.00060	-0.00001	-0.00300	-0.00357	.0033	.00008	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4788.7	64645.	4791.9	97.280	4024.1			
Stddev	.6	314.	18.2	1.194	2.8			
%RSD	.01351	.48577	.38010	1.2269	.06907			

#1	4789.2	64867.	4804.8	98.123	4026.0			
#2	4788.2	64423.	4779.0	96.436	4022.1			

Sample Name: LI 80PPM Acquired: 8/1/2017 14:19:56 Type: Unk
Method: P4-ICP2(v2119) 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	.00171	.00124	.00041	-.00150	.00032	-.01104	-.00121	.00004
Stddev	.00279	.00051	.00041	.00039	.00004	.00646	.00002	.00001
%RSD	163.15	41.548	99.962	25.706	13.826	58.510	1.6120	21.633

#1	-.00026	.00087	.00012	-.00177	.00035	-.01561	-.00123	.00005
#2	.00368	.00160	.00071	-.00123	.00029	-.00647	-.00120	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.03172	-.00026	-.00027	-.00058	-.00875	-.00018	.00063
Stddev	.00003	.01880	.00037	.00013	.00018	.00501	.00001	.00532
%RSD	81.967	59.262	142.54	48.461	31.829	57.228	5.7087	838.08

#1	.00001	.01843	.00000	-.00018	-.00045	-.00521	-.00019	.00439
#2	.00005	.04501	-.00052	-.00036	-.00071	-.01230	-.00017	-.00312

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00043	.12405	-.00017	.00222	.06524	-.00003	-.00201
Stddev	.00014	.00069	.00994	.00018	.00003	.00194	.00003	.00309
%RSD	198.12	162.58	8.0130	106.87	1.4081	2.9730	102.21	153.64

#1	-.00018	.00006	.11702	-.00030	.00224	.06387	-.00001	.00017
#2	.00003	-.00091	.13107	-.00004	.00220	.06661	-.00005	-.00419

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.01300	.01248	.00116	.00140	81.002	-.0072	.00046	
Stddev	.00153	.00093	.00039	.00065	.244	.0000	.00003	
%RSD	11.793	7.4824	33.482	46.471	.30073	.5564	6.6218	

#1	-.01191	.01314	.00143	.00186	80.829	-.0072	.00044	
#2	-.01408	.01182	.00088	.00094	81.174	-.0072	.00048	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4609.2	63863.	4640.2	93.066	3829.8			
Stddev	2.5	103.	7.0	.904	.1			
%RSD	.05344	.16172	.14985	.97103	.00288			

#1	4610.9	63790.	4635.3	92.427	3829.7			
#2	4607.4	63936.	4645.1	93.705	3829.9			

Sample Name: SR 55PPM Acquired: 8/1/2017 14:24:23 Type: Unk
Method: P4-ICP2(v2119) 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	.00511	.00112	.00001	.00117	.00234	.02031	.00380	.00061	.00015
Stddev	.00120	.00034	.00052	.00110	.00068	.00407	.00038	.00000	.00008
%RSD	23.437	29.960	4099.9	94.520	29.065	20.040	10.029	.31476	52.492

#1	.00426	.00088	-.00035	.00195	.00283	.02319	.00407	.00061	.00020
#2	.00595	.00136	.00038	.00039	.00186	.01743	.00353	.00062	.00009

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08362	.02484	.00141	.00214	.14788	.00459	.04407	.01467	.00929
Stddev	.01196	.00047	.00005	.00003	.00797	.00003	.00129	.00002	.00009
%RSD	14.297	1.8726	3.4429	1.3395	5.3867	.63482	2.9214	.17028	.94619

#1	.09207	.02451	.00137	.00216	.15351	.00461	.04498	.01469	.00923
#2	.07517	.02517	.00144	.00212	.14225	.00457	.04316	.01465	.00935

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	.13069	.00040	.01682	.13025	.03540	.02956	.03220	.03956	.03476
Stddev	.00707	.00013	.00003	.00385	.00046	.00775	.00109	.00349	.00020
%RSD	5.4132	33.221	.20256	2.9530	1.2914	26.230	3.3728	8.8207	.56597

#1	.12568	.00031	.01685	.12753	.03508	.02408	.03296	.04203	.03490
#2	.13569	.00050	.01680	.13296	.03572	.03505	.03143	.03709	.03462

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.03505	.03606	.0177	54.883
Stddev	.00005	.00088	.0004	.022
%RSD	.14525	2.4277	2.007	.04010

#1	.03501	.03668	.0175	54.898
#2	.03508	.03544	.0180	54.867

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4721.4	64668.	4773.3	96.258	3968.7
Stddev	8.1	47.	5.1	.197	2.0
%RSD	.17173	.07281	.10604	.20480	.04927

#1	4715.6	64635.	4769.7	96.118	3970.1
#2	4727.1	64702.	4776.9	96.397	3967.3

Sample Name: SR 65PPM Acquired: 8/1/2017 14:28:42 Type: Unk
Method: P4-ICP2(v2119) 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	.00502	.00272	.00067	.00095	.00132	.00826	.00554	.00067	.00012
Stddev	.00054	.00106	.00040	.00120	.00025	.00093	.00087	.00002	.00004
%RSD	10.692	38.997	60.093	125.62	18.749	11.297	15.790	2.8325	33.503

#1	.00464	.00347	.00039	.00180	.00115	.00892	.00615	.00068	.00014
#2	.00540	.00197	.00096	.00011	.00150	.00760	.00492	.00066	.00009

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07599	.02933	.00133	.00235	.18532	.00535	.04859	.01741	.01063
Stddev	.00706	.00009	.00016	.00018	.01053	.00001	.01208	.00019	.00005
%RSD	9.2870	.31876	12.060	7.6162	5.6822	.12106	24.859	1.1003	.43166

#1	.08098	.02940	.00144	.00222	.19277	.00535	.05713	.01727	.01067
#2	.07100	.02926	.00122	.00247	.17788	.00536	.04005	.01754	.01060

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	.09171	.00083	.02239	.12529	.04134	.04288	.03574	.04800	.04034
Stddev	.00175	.00029	.00020	.01329	.00015	.00321	.00043	.00022	.00035
%RSD	1.9092	35.523	.89587	10.604	.37020	7.4769	1.2060	.46534	.86185

#1	.09295	.00062	.02253	.11590	.04145	.04515	.03605	.04784	.04009
#2	.09047	.00104	.02225	.13469	.04123	.04062	.03544	.04816	.04058

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.04219	.02265	.0152	63.062
Stddev	.00125	.00055	.0004	.025
%RSD	2.9696	2.4339	2.887	.04034

#1	.04307	.02226	.0155	63.080
#2	.04130	.02304	.0149	63.044

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4701.7	64518.	4746.2	94.109	3964.8
Stddev	4.8	15.	11.8	1.063	16.1
%RSD	.10140	.02272	.24781	1.1293	.40536

#1	4705.0	64508.	4737.9	93.358	3976.1
#2	4698.3	64529.	4754.5	94.861	3953.4

Sample Name: CU 200PPM Acquired: 8/1/2017 14:37:23 Type: Unk
Method: P4-ICP2(v2119) 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	-.00041	.00187	-.07481	-.00084	.00220	.09809	-.00023	.00007
Stddev	.00070	.00217	.00097	.00012	.00209	.01014	.00068	.00000
%RSD	169.26	116.10	1.2908	13.904	95.124	10.335	292.47	4.9654

#1	.00008	.00033	-.07412	-.00092	.00368	.10526	-.00071	.00007
#2	-.00091	.00340	-.07549	-.00076	.00072	.09092	.00025	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	.06811	.00376	.00059	204.46	.10244	.00670	.03989
Stddev	.00006	.01087	.00065	.00011	.22	.00680	.00003	.03862
%RSD	20.806	15.960	17.226	19.407	.10921	6.6363	.41813	96.813

#1	-.00035	.06042	.00330	.00067	204.62	.10725	.00668	.01258
#2	-.00026	.07580	.00422	.00051	204.30	.09763	.00672	.06720

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01281	-.00073	.09209	-.00250	-.12937	.15372	.00326	-.00426
Stddev	.00053	.00002	.00497	.00008	.00045	.01953	.00026	.00564
%RSD	4.1087	2.5582	5.3930	3.2628	.34719	12.703	8.1241	132.35

#1	.01244	-.00075	.09561	-.00256	-.12969	.16752	.00345	-.00825
#2	.01318	-.00072	.08858	-.00244	-.12906	.13991	.00307	-.00027

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00962	.00398	.00108	.00017	.01235	-.7841	.00274	
Stddev	.00103	.00098	.00016	.00152	.00262	.0021	.00014	
%RSD	10.656	24.701	15.163	871.21	21.194	.2640	5.0093	

#1	.00890	.00468	.00120	-.00090	.01050	-.7856	.00284	
#2	.01035	.00329	.00096	.00125	.01420	-.7826	.00265	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4394.1	64680.	4792.8	95.845	3990.7			
Stddev	18.8	354.	.5	.266	7.1			
%RSD	.42831	.54791	.01094	.27722	.17726			

#1	4380.7	64930.	4792.4	96.033	3985.7			
#2	4407.4	64429.	4793.2	95.657	3995.8			

Sample Name: CU 250PPM Acquired: 8/1/2017 14:41:43 Type: Unk
Method: P4-ICP2(v2119) 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	.00084	-.10668	.00206	.00252	.11421	-.00023	.00005
Stddev	.00143	.00044	.00215	.00119	.00074	.00137	.00066	.00012
%RSD	109.92	52.559	2.0174	57.534	29.191	1.1956	289.83	227.32

#1	-.00232	.00053	-.10515	.00290	.00304	.11324	.00024	-.00003
#2	-.00029	.00115	-.10820	.00122	.00200	.11518	-.00069	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	.08311	.00421	.00038	262.05	.12812	.00854	.04276
Stddev	.00005	.00956	.00018	.00011	.66	.00152	.00009	.00988
%RSD	14.712	11.503	4.1829	29.690	.25362	1.1903	1.0927	23.115

#1	-.00033	.08987	.00433	.00030	261.58	.12704	.00848	.03577
#2	-.00040	.07635	.00408	.00046	262.52	.12920	.00861	.04974

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01658	-.00120	.09849	-.00356	-.16810	.20088	.00440	-.00339
Stddev	.00002	.00016	.01478	.00033	.00258	.00375	.00005	.00030
%RSD	.09692	13.432	15.011	9.2804	1.5329	1.8651	1.0772	8.7544

#1	.01657	-.00131	.08804	-.00380	-.16628	.19823	.00436	-.00360
#2	.01659	-.00109	.10894	-.00333	-.16993	.20353	.00443	-.00318

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.01371	.00517	.00108	-.00010	.01122	F -1.061	.00171	
Stddev	.00131	.00209	.00054	.00015	.00026	.009	.00003	
%RSD	9.5602	40.364	50.219	146.47	2.3437	.8935	1.7950	

#1	.01463	.00370	.00070	-.00021	.01104	-1.054	.00173	
#2	.01278	.00665	.00147	.00000	.01141	-1.068	.00168	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4273.2	64162.	4721.6	95.634	3978.9			
Stddev	3.0	318.	18.7	1.318	5.2			
%RSD	.06923	.49583	.39699	1.3779	.13148			

#1	4275.3	63937.	4734.8	94.702	3982.6			
#2	4271.1	64387.	4708.3	96.566	3975.2			

Sample Name: CU 300PPM Acquired: 8/1/2017 14:45:58 Type: Unk
Method: P4-ICP2(v2119) 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	-.00152	.00177	-.13167	.00165	.00312	.14361	.00071	.00009
Stddev	.00138	.00124	.00346	.00000	.00029	.00469	.00037	.00003
%RSD	90.747	70.131	2.6288	.21186	9.3589	3.2640	52.454	32.757

#1	-.00054	.00265	-.13412	.00165	.00333	.14030	.00045	.00011
#2	-.00249	.00089	-.12922	.00164	.00292	.14693	.00097	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	.08592	.00451	.00090	F 318.90	.15653	.01021	.04172
Stddev	.00002	.01261	.00038	.00017	.54	.01700	.00005	.00548
%RSD	4.8142	14.678	8.5150	19.289	.17001	10.859	.45044	13.131

#1	-.00041	.07701	.00479	.00102	318.51	.16855	.01024	.04560
#2	-.00044	.09484	.00424	.00077	319.28	.14451	.01017	.03785

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01922	-.00165	.09720	-.00404	-.20296	.19276	.00580	-.00557
Stddev	.00033	.00014	.00476	.00008	.00010	.02436	.00032	.00196
%RSD	1.7350	8.4440	4.8922	1.9152	.05158	12.636	5.4508	35.218

#1	.01946	-.00155	.09384	-.00409	-.20303	.20999	.00602	-.00695
#2	.01898	-.00175	.10056	-.00398	-.20288	.17554	.00558	-.00418

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.01360	.00488	.00098	.00172	.00757	F -1.317	.00193	
Stddev	.00057	.00147	.00029	.00105	.00167	.011	.00001	
%RSD	4.2138	30.164	29.398	61.265	22.109	.8631	.61038	

#1	.01401	.00592	.00119	.00097	.00638	-1.325	.00194	
#2	.01320	.00384	.00078	.00246	.00875	-1.309	.00193	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4139.2	64242.	4716.8	93.332	3955.0			
Stddev	4.1	68.	27.9	.144	9.7			
%RSD	.10010	.10532	.59203	.15439	.24557			

#1	4136.2	64194.	4697.0	93.434	3948.2			
#2	4142.1	64290.	4736.5	93.230	3961.9			

Sample Name: LI 75PPM Acquired: 8/1/2017 14:59:01 Type: Unk
 Method: P4-ICP2(v2119) 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	.00141	.00115	.00012	-.00060	.00003	-.01635	-.00019	.00006
Stddev	.00194	.00152	.00048	.00007	.00080	.00141	.00006	.00002
%RSD	137.06	131.68	407.98	10.950	2451.2	8.6392	33.075	31.036

#1	.00278	.00222	-.00022	-.00064	.00059	-.01735	-.00014	.00008
#2	.00004	.00008	.00045	-.00055	-.00053	-.01535	-.00023	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.01211	-.00027	-.00015	.04564	-.01005	-.00022	.02620
Stddev	.00004	.00628	.00017	.00005	.00212	.00245	.00001	.02509
%RSD	46.240	51.829	62.551	32.582	4.6551	24.410	4.9333	95.779

#1	.00006	.00767	-.00015	-.00011	.04714	-.00832	-.00023	.04394
#2	.00012	.01655	-.00039	-.00018	.04413	-.01179	-.00022	.00846

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	-.00016	.58442	-.00027	.00181	.18217	-.00002	-.00657
Stddev	.00021	.00013	.00071	.00005	.00005	.00307	.00017	.00499
%RSD	75.201	81.493	.12228	20.534	2.6455	1.6853	1056.3	75.959

#1	-.00013	-.00007	.58391	-.00023	.00184	.18434	.00010	-.01009
#2	-.00043	-.00025	.58493	-.00031	.00177	.18000	-.00014	-.00304

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.01228	.00846	.00023	.00053	73.105	-.0080	.00041	
Stddev	.00143	.00060	.00027	.00266	.801	.0002	.00009	
%RSD	11.667	7.1191	119.95	505.38	1.0955	2.607	23.374	

#1	-.01330	.00889	.00003	-.00136	72.539	-.0081	.00047	
#2	-.01127	.00803	.00042	.00241	73.671	-.0078	.00034	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4650.4	64256.	4695.4	93.191	3878.7			
Stddev	10.4	183.	27.9	1.298	11.8			
%RSD	.22439	.28415	.59485	1.3928	.30393			

#1	4657.7	64385.	4715.2	92.273	3887.0			
#2	4643.0	64127.	4675.7	94.108	3870.3			

Sample Name: NA 1000PPM Acquired: 8/1/2017 15:03:27 Type: Unk
Method: P4-ICP2(v2119) 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	.00266	.00267	.00119	-.00132	-.00105	.04296	.00193	.00016
Stddev	.00287	.00115	.00053	.00068	.00129	.00901	.00006	.00001
%RSD	108.09	43.218	44.528	51.469	122.32	20.976	2.9750	3.8206

#1	.00469	.00185	.00157	-.00181	-.00197	.03659	.00189	.00016
#2	.00063	.00348	.00082	-.00084	-.00014	.04933	.00198	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.16234	.00430	.00025	.02590	.16563	.00326	.20257
Stddev	.00001	.00208	.00040	.00035	.00133	.00783	.00001	.02799
%RSD	3.0477	1.2820	9.2021	135.80	5.1423	4.7250	.43818	13.819

#1	.00019	.16381	.00458	.00001	.02684	.16010	.00327	.18278
#2	.00020	.16087	.00402	.00050	.02496	.17116	.00325	.22236

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00339	.00017	1020.3	.00023	.00464	.32034	-.00056	-.00119
Stddev	.00037	.00023	7.4	.00020	.00016	.03181	.00004	.00367
%RSD	11.017	140.78	.72559	89.592	3.4134	9.9307	7.3219	309.22

#1	.00313	.00033	1025.5	.00037	.00453	.29784	-.00054	.00141
#2	.00366	.00000	1015.0	.00008	.00475	.34283	-.00059	-.00378

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00935	.01099	.00223	.00053	.16987	.0050	.00031	
Stddev	.00115	.00176	.00057	.00051	.00439	.0001	.00001	
%RSD	12.331	15.996	25.503	97.404	2.5864	1.714	4.7460	

#1	.01017	.00975	.00183	.00089	.16676	.0051	.00032	
#2	.00854	.01223	.00263	.00016	.17298	.0050	.00030	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4400.5	61641.	4521.8	90.655	3544.4			
Stddev	4.5	147.	16.9	1.755	7.0			
%RSD	.10300	.23828	.37283	1.9358	.19697			

#1	4397.3	61537.	4533.7	91.896	3539.5			
#2	4403.7	61745.	4509.9	89.414	3549.4			

Sample Name: CCV04 Acquired: 8/1/2017 15:07:46 Type: Unk
Method: P4-ICP2(v2119) 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	4.8079	4.8865	4.7481	4.9779	4.8913	10.346	9.9891	.25296	2.4581
Stddev	.0049	.0017	.0007	.0053	.0017	.020	.0079	.00076	.0016
%RSD	.10162	.03387	.01475	.10667	.03448	.19765	.07926	.30119	.06329

#1	4.8114	4.8877	4.7486	4.9741	4.8925	10.332	9.9947	.25350	2.4570
#2	4.8044	4.8853	4.7476	4.9816	4.8901	10.361	9.9835	.25242	2.4592

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.808	.98878	2.3931	1.2519	4.9606	2.5659	23.942	2.5025	1.2197
Stddev	.029	.00411	.0050	.0042	.1026	.0028	.047	.0009	.0007
%RSD	.11492	.41545	.20680	.33903	2.0683	.11060	.19608	.03517	.05463

#1	24.787	.99169	2.3896	1.2549	4.8880	2.5679	23.909	2.5031	1.2202
#2	24.828	.98588	2.3966	1.2489	5.0331	2.5639	23.975	2.5019	1.2193

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	22.820	2.5195	2.4754	25.043	4.9214	5.1117	5.0676	4.9053	4.9077
Stddev	.117	.0014	.0766	.081	.0082	.0011	.0056	.0065	.0059
%RSD	.51205	.05760	3.0960	.32520	.16751	.02175	.10999	.13327	.11979

#1	22.737	2.5206	2.4212	24.985	4.9155	5.1125	5.0636	4.9007	4.9035
#2	22.903	2.5185	2.5295	25.101	4.9272	5.1109	5.0715	4.9099	4.9118

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.9283	5.0033	5.256	4.9697
Stddev	.0010	.0080	.001	.0361
%RSD	.02015	.16025	.0218	.72565

#1	4.9290	5.0090	5.257	4.9442
#2	4.9276	4.9977	5.255	4.9952

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4672.1	64408.	4744.3	92.238	3797.5
Stddev	1.8	10.	5.6	2.614	2.2
%RSD	.03906	.01590	.11701	2.8341	.05802

#1	4670.8	64401.	4748.2	94.086	3795.9
#2	4673.4	64415.	4740.4	90.389	3799.0

Sample Name: CCB04 Acquired: 8/1/2017 15:22:09 Type: Unk

Method: P4-ICP2(v2119) 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	.00025	-.00120	-.00028	.00236	-.00154	-.00818	-.00042	-.00002
Stddev	.00041	.00000	.00047	.00142	.00078	.00663	.00029	.00007
%RSD	167.13	.14052	167.04	60.333	50.664	81.048	68.898	281.39

#1	-.00004	-.00120	.00005	.00336	-.00210	-.00349	-.00062	-.00007
#2	.00054	-.00120	-.00061	.00135	-.00099	-.01287	-.00021	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00880	.00006	-.00038	.00202	-.02932	-.00015	.03796
Stddev	.00005	.00443	.00022	.00005	.00004	.00913	.00002	.02536
%RSD	158.28	50.318	392.00	13.201	2.2224	31.130	12.901	66.812

#1	-.00006	.01193	-.00010	-.00034	.00205	-.03577	-.00017	.02002
#2	.00000	.00567	.00021	-.00042	.00199	-.02286	-.00014	.05589

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00040	.00727	-.00055	-.00133	.02262	-.00042	-.00522
Stddev	.00018	.00017	.01661	.00013	.00002	.00491	.00013	.00330
%RSD	592.16	43.276	228.46	24.168	1.7467	21.720	30.028	63.157

#1	.00016	.00052	.01901	-.00046	-.00134	.02609	-.00033	-.00755
#2	-.00010	.00028	-.00447	-.00065	-.00131	.01914	-.00051	-.00289

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00289	-.00150	-.00087	-.00093	-.00216	.0015	.00000	
Stddev	.00005	.00224	.00004	.00082	.00203	.0005	.00001	
%RSD	1.6733	149.18	4.9867	89.144	93.966	33.20	343.61	

#1	-.00286	-.00309	-.00084	-.00151	-.00359	.0012	.00000	
#2	-.00293	.00008	-.00090	-.00034	-.00072	.0019	.00001	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4864.8	65052.	4850.0	98.944	4092.5			
Stddev	12.6	72.	1.8	.922	11.5			
%RSD	.25852	.11018	.03754	.93175	.28171			

#1	4855.9	65102.	4851.3	99.596	4084.3			
#2	4873.7	65001.	4848.7	98.292	4100.6			

Sample Name: NA1500PPM Acquired: 8/1/2017 15:26:24 Type: Unk
Method: P4-ICP2(v2119) 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	.00043	.00498	.00095	-.00127	.00073	.06324	.00234	.00025
Stddev	.00326	.00174	.00030	.00171	.00009	.00589	.00066	.00001
%RSD	759.46	34.978	31.653	133.99	11.850	9.3198	28.389	3.0691

#1	.00273	.00375	.00117	-.00007	.00079	.05907	.00281	.00025
#2	-.00187	.00622	.00074	-.00248	.00067	.06741	.00187	.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	.27537	.00742	.00083	.01381	.29239	.00551	.31711
Stddev	.00009	.00097	.00008	.00001	.00084	.00020	.00009	.00686
%RSD	31.052	.35318	1.0809	1.4733	6.0505	.06928	1.7166	2.1631

#1	.00035	.27469	.00747	.00084	.01440	.29253	.00558	.31226
#2	.00023	.27606	.00736	.00082	.01322	.29224	.00544	.32196

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00568	-.00022	1416.4	.00045	.00849	.44036	.00035	-.00219
Stddev	.00062	.00047	24.8	.00010	.00017	.00413	.00012	.00897
%RSD	10.965	215.54	1.7501	23.106	1.9548	.93729	34.192	409.04

#1	.00524	-.00055	1433.9	.00053	.00837	.43744	.00044	-.00853
#2	.00612	.00011	1398.9	.00038	.00861	.44328	.00027	.00415

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.01476	.01705	.00373	.00156	.12839	.0048	.00039	
Stddev	.00070	.00153	.00021	.00010	.01420	.0000	.00008	
%RSD	4.7722	8.9623	5.5735	6.7064	11.056	.8706	20.079	

#1	.01526	.01597	.00358	.00164	.11835	.0048	.00044	
#2	.01426	.01813	.00388	.00149	.13843	.0049	.00033	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4290.3	59932.	4441.2	89.743	3359.6			
Stddev	13.1	142.	1.6	1.214	9.1			
%RSD	.30477	.23681	.03503	1.3526	.27070			

#1	4299.6	59832.	4442.3	90.602	3366.0			
#2	4281.1	60033.	4440.1	88.885	3353.1			

Sample Name: AL 1500PPM Acquired: 8/1/2017 15:30:45 Type: Unk
Method: P4-ICP2(v2119) 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	-.00096	-.00498	-.15443	-.03515	.00562	1574.4	-.00041	.00001
Stddev	.00240	.00189	.00053	.00009	.00304	8.2	.00141	.00002
%RSD	249.99	37.899	.34559	.24611	54.004	.52267	342.04	445.31

#1	.00074	-.00365	-.15481	-.03509	.00348	1568.6	-.00141	-.00001
#2	-.00266	-.00632	-.15405	-.03521	.00777	1580.2	.00058	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	.03652	-.05227	-.00045	.01183	-.23846	-.00267	.01228
Stddev	.00001	.00071	.00047	.00028	.00021	.00127	.00001	.01070
%RSD	.98528	1.9457	.90481	62.321	1.7817	.53231	.20682	87.150

#1	-.00066	.03702	-.05194	-.00025	.01168	-.23756	-.00267	.01985
#2	-.00067	.03602	-.05261	-.00065	.01198	-.23936	-.00268	.00471

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00301	-.00009	.88003	-.00082	-.00046	.21357	-.00259	-.00199
Stddev	.00023	.00045	.02676	.00007	.00004	.01676	.00057	.00204
%RSD	7.5230	495.51	3.0405	8.0112	7.9461	7.8475	21.899	102.21

#1	.00285	-.00041	.89895	-.00077	-.00043	.20172	-.00300	-.00343
#2	.00317	.00023	.86111	-.00086	-.00048	.22542	-.00219	-.00055

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.02208	.00431	-.00225	.00173	.05577	.0323	.00018	
Stddev	.00064	.00082	.00037	.00002	.00008	.0024	.00005	
%RSD	2.9114	18.972	16.391	1.1698	.13876	7.396	26.004	

#1	.02253	.00488	-.00199	.00172	.05582	.0339	.00022	
#2	.02162	.00373	-.00251	.00175	.05571	.0306	.00015	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4580.1	61653.	4979.5	97.070	3875.6			
Stddev	3.8	182.	22.9	1.273	2.5			
%RSD	.08404	.29541	.45938	1.3112	.06422			

#1	4577.4	61781.	4995.7	97.970	3877.3			
#2	4582.8	61524.	4963.3	96.170	3873.8			

Sample Name: AL 2000PPM Acquired: 8/1/2017 15:35:13 Type: Unk
Method: P4-ICP2(v2119) 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	.00081	-.01152	-.21121	-.04653	.00732	F 2106.5	-.00022	-.00001
Stddev	.00453	.00269	.00221	.00755	.00407	.0	.00059	.00002
%RSD	559.17	23.373	1.0443	16.221	55.581	.00109	269.92	135.49

#1	.00402	-.01343	-.21277	-.04120	.00444	2106.5	-.00064	.00000
#2	-.00239	-.00962	-.20965	-.05187	.01020	2106.4	.00020	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00081	.03911	-.06843	-.00037	.01008	-.31209	-.00374	.03987
Stddev	.00007	.01924	.00007	.00018	.00066	.00779	.00003	.00304
%RSD	9.2108	49.191	.09779	48.861	6.5737	2.4970	.83832	7.6329

#1	-.00075	.05271	-.06838	-.00050	.01054	-.31760	-.00376	.03772
#2	-.00086	.02551	-.06848	-.00024	.00961	-.30658	-.00371	.04202

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00420	-.00004	.59350	-.00043	-.00049	.18325	-.00328	-.00164
Stddev	.00023	.00020	.01582	.00020	.00008	.00924	.00026	.00070
%RSD	5.3717	456.53	2.6652	47.012	16.964	5.0409	7.7991	42.788

#1	.00404	.00010	.58232	-.00029	-.00043	.17671	-.00346	-.00115
#2	.00436	-.00019	.60469	-.00058	-.00055	.18978	-.00310	-.00214

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.02523	.00700	-.00167	.00283	.03216	.0384	.00020	
Stddev	.00051	.00008	.00067	.00014	.00148	.0001	.00001	
%RSD	2.0064	1.1091	40.417	5.0664	4.6111	.1919	3.3184	

#1	.02487	.00695	-.00119	.00273	.03321	.0384	.00021	
#2	.02559	.00706	-.00215	.00293	.03111	.0383	.00020	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4509.6	60572.	4976.3	96.738	3786.6			
Stddev	9.4	76.	12.9	2.183	5.1			
%RSD	.20844	.12627	.25968	2.2565	.13339			

#1	4502.9	60518.	4985.5	95.195	3783.0			
#2	4516.2	60626.	4967.2	98.282	3790.2			

Sample Name: AL 2500PPM Acquired: 8/1/2017 15:39:38 Type: Unk
Method: P4-ICP2(v2119) 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	-0.00312	-0.01512	-0.26724	-0.05485	.01490	F 2614.8	.00025	.00000
Stddev	.00398	.00149	.00269	.00087	.00018	5.1	.00049	.00002
%RSD	127.87	9.8633	1.0069	1.5865	1.1889	.19472	196.80	4069.5

#1	-0.00030	-0.01407	-0.26533	-0.05424	.01477	2618.4	.00059	.00001
#2	-0.00593	-0.01617	-0.26914	-0.05547	.01502	2611.2	-0.00010	-0.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.00097	.05419	-0.08370	-0.00072	.00873	-0.37219	-0.00458	.01238
Stddev	.00042	.00839	.00040	.00023	.00011	.00081	.00003	.00400
%RSD	43.888	15.474	.47849	31.453	1.2197	.21732	.74080	32.320

#1	-0.00067	.06012	-0.08399	-0.00056	.00880	-0.37276	-0.00455	.01521
#2	-0.00127	.04826	-0.08342	-0.00088	.00865	-0.37162	-0.00460	.00955

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00547	-0.00012	.53421	-0.00105	.00027	.12959	-0.00292	.00167
Stddev	.00030	.00016	.00135	.00025	.00034	.02990	.00073	.00228
%RSD	5.5214	137.10	.25284	23.695	127.58	23.073	25.152	136.12

#1	.00525	-0.00023	.53326	-0.00087	.00051	.15073	-0.00343	.00328
#2	.00568	.00000	.53517	-0.00122	.00003	.10844	-0.00240	.00006

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.03174	.01128	-0.00324	.00341	.02419	.0446	.00039	
Stddev	.00145	.00202	.00319	.00331	.00006	.0031	.00009	
%RSD	4.5699	17.889	98.722	97.075	.26418	7.065	22.844	

#1	.03276	.01271	-0.00098	.00575	.02423	.0468	.00033	
#2	.03071	.00986	-0.00549	.00107	.02414	.0423	.00045	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4450.6	59980.	4978.4	97.462	3726.4			
Stddev	5.5	247.	4.9	.572	2.2			
%RSD	.12306	.41166	.09777	.58646	.05964			

#1	4454.5	59806.	4981.8	97.058	3728.0			
#2	4446.7	60155.	4974.9	97.866	3724.8			

Sample Name: MG 2800PPM Acquired: 8/1/2017 15:43:59 Type: Unk
Method: P4-ICP2(v2119) 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	-.00016	.00633	-.00008	-.00215	.00614	-.23776	-.00059	.00010
Stddev	.00086	.00035	.00018	.00108	.00036	.01088	.00053	.00001
%RSD	543.01	5.5850	212.22	49.937	5.7993	4.5756	89.974	14.199

#1	.00045	.00658	-.00021	-.00291	.00589	-.23007	-.00097	.00011
#2	-.00077	.00608	.00004	-.00139	.00639	-.24545	-.00022	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	.01576	-.00129	.00012	.00496	-.02718	-.00014	2821.8
Stddev	.00002	.00137	.00016	.00044	.00009	.00388	.00000	8.5
%RSD	2.2062	8.7246	12.162	373.63	1.7307	14.260	.09711	.30072

#1	-.00074	.01479	-.00118	.00043	.00490	-.02992	-.00014	2827.8
#2	-.00072	.01673	-.00140	-.00019	.00502	-.02444	-.00014	2815.8

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.00016	.45439	-.00108	-.00106	.14328	-.00324	-.00486
Stddev	.00003	.00010	.01896	.00064	.00001	.01094	.00016	.00179
%RSD	23.941	64.565	4.1731	59.067	1.0927	7.6362	4.8621	36.742

#1	-.00016	-.00023	.44099	-.00063	-.00107	.15101	-.00313	-.00360
#2	-.00011	-.00009	.46780	-.00153	-.00105	.13554	-.00335	-.00612

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00523	-.05648	-.00112	.00090	.04174	.0016	-.00004	
Stddev	.00269	.00152	.00070	.00116	.00272	.0001	.00005	
%RSD	51.434	2.6834	62.008	128.88	6.5278	3.088	112.87	

#1	.00713	-.05541	-.00063	.00172	.03982	.0016	-.00001	
#2	.00333	-.05755	-.00161	.00008	.04367	.0017	-.00008	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4150.9	60037.	4478.0	80.264	3133.9			
Stddev	12.2	82.	13.5	2.594	11.9			
%RSD	.29396	.13735	.30127	3.2313	.37883			

#1	4142.3	59978.	4468.5	82.098	3125.5			
#2	4159.6	60095.	4487.6	78.430	3142.3			

Sample Name: MG 3200PPM Acquired: 8/1/2017 15:48:14 Type: Unk
Method: P4-ICP2(v2119) 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	.00117	.00540	-.00087	-.00359	.00647	-.30031	-.00117	.00009
Stddev	.00350	.00320	.00057	.00157	.00035	.00350	.00004	.00000
%RSD	299.71	59.388	65.688	43.746	5.3858	1.1658	3.2011	.84189

#1	-.00131	.00766	-.00047	-.00470	.00623	-.29784	-.00119	.00009
#2	.00364	.00313	-.00127	-.00248	.00672	-.30279	-.00114	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	.03194	-.00041	.00058	.00359	-.01835	-.00014	3217.9
Stddev	.00009	.01089	.00047	.00049	.00018	.00758	.00000	3.6
%RSD	11.530	34.099	115.98	85.096	4.9517	41.334	3.5250	.11188

#1	-.00082	.02424	-.00007	.00092	.00347	-.02371	-.00014	3215.4
#2	-.00070	.03964	-.00075	.00023	.00372	-.01299	-.00013	3220.5

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00007	.47493	-.00104	-.00109	.17997	-.00363	.00416
Stddev	.00042	.00061	.02792	.00008	.00007	.02914	.00005	.00944
%RSD	153.72	899.01	5.8787	7.2636	6.6327	16.192	1.4567	226.83

#1	.00056	.00036	.45519	-.00098	-.00115	.20057	-.00367	-.00251
#2	-.00002	-.00050	.49468	-.00109	-.00104	.15936	-.00360	.01084

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00491	-.06741	.00011	.00188	.03822	.0021	-.00004	
Stddev	.00071	.00542	.00086	.00245	.00288	.0004	.00007	
%RSD	14.356	8.0409	780.57	130.43	7.5377	17.38	167.70	

#1	.00541	-.06358	-.00050	.00015	.03618	.0018	-.00010	
#2	.00441	-.07124	.00072	.00361	.04026	.0024	.00001	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4086.4	58823.	4413.5	80.266	3066.1			
Stddev	3.7	49.	4.1	.567	1.7			
%RSD	.09158	.08401	.09319	.70610	.05702			

#1	4083.7	58858.	4410.6	79.865	3064.9			
#2	4089.0	58789.	4416.4	80.667	3067.3			

Sample Name: MG 3700PPM Acquired: 8/1/2017 15:52:33 Type: Unk
Method: P4-ICP2(v2119) 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	-.00092	.00696	-.00137	.00027	.00950	-.33392	-.00112	.00012
Stddev	.00058	.00005	.00183	.00083	.00232	.00801	.00035	.00006
%RSD	62.622	.76697	133.63	304.72	24.422	2.3990	31.187	46.757

#1	-.00051	.00700	-.00008	-.00031	.01114	-.32826	-.00087	.00016
#2	-.00133	.00693	-.00266	.00086	.00786	-.33958	-.00136	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	.03083	-.00035	.00046	.00406	-.02351	-.00014	3683.9
Stddev	.00000	.00988	.00035	.00006	.00006	.01348	.00005	5.9
%RSD	.32300	32.050	98.432	13.735	1.5600	57.320	34.613	.15928

#1	-.00089	.02384	-.00011	.00050	.00401	-.03304	-.00017	3679.7
#2	-.00090	.03781	-.00060	.00041	.00410	-.01398	-.00010	3688.0

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00013	.56602	-.00064	-.00094	.12606	-.00384	-.00482
Stddev	.00022	.00015	.04724	.00012	.00007	.02970	.00061	.00236
%RSD	1549.9	121.93	8.3462	19.037	7.6345	23.556	15.880	48.995

#1	-.00017	.00024	.53261	-.00056	-.00089	.10507	-.00427	-.00650
#2	.00014	.00002	.59942	-.00073	-.00099	.14706	-.00341	-.00315

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00717	-.07466	-.00115	.00068	.03143	.0002	.00012	
Stddev	.00096	.00329	.00094	.00059	.00038	.0009	.00012	
%RSD	13.409	4.4126	81.558	85.632	1.2040	346.1	102.85	

#1	.00785	-.07699	-.00049	.00110	.03170	-.0004	.00021	
#2	.00649	-.07233	-.00182	.00027	.03116	.0009	.00003	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4016.3	58367.	4415.8	80.204	3008.4			
Stddev	9.3	101.	7.2	.241	6.0			
%RSD	.23145	.17288	.16253	.30056	.19798			

#1	4009.7	58438.	4410.7	80.374	3004.2			
#2	4022.8	58295.	4420.9	80.033	3012.6			

Sample Name: K 1250PPM Acquired: 8/1/2017 15:57:02 Type: Unk
Method: P4-ICP2(v2119) 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	.00139	.00351	.00424	-.00050	-.00014	.04519	.00135	.00008
Stddev	.00105	.00146	.00048	.00126	.00093	.00640	.00071	.00003
%RSD	75.424	41.628	11.214	250.60	647.69	14.159	52.600	41.608

#1	.00065	.00454	.00458	-.00139	.00051	.04067	.00185	.00010
#2	.00213	.00248	.00390	.00039	-.00080	.04972	.00085	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.05705	.00066	.00039	.01204	.00770	.00305	.19564
Stddev	.00020	.00637	.00010	.00012	.00020	.00768	.00002	.01122
%RSD	136.22	11.172	14.471	31.538	1.6548	99.709	.81295	5.7329

#1	.00001	.05255	.00073	.00048	.01190	.01313	.00304	.20357
#2	.00029	.06156	.00060	.00030	.01218	.00227	.00307	.18771

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	-.00014	.94124	-.00002	.00292	1229.1	-.00033	-.00313
Stddev	.00027	.00010	.01261	.00028	.00015	4.9	.00047	.00246
%RSD	43.497	71.767	1.3400	1231.2	5.2520	.39579	140.19	78.825

#1	.00043	-.00021	.93232	.00018	.00303	1225.7	-.00066	-.00138
#2	.00081	-.00007	.95016	-.00022	.00281	1232.5	.00000	-.00487

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00533	.00876	.00017	.00116	.01260	.0037	.00262	
Stddev	.00092	.00137	.00025	.00100	.00040	.0000	.00018	
%RSD	17.261	15.654	148.45	86.546	3.1615	.3479	6.7897	

#1	.00598	.00973	.00035	.00186	.01232	.0037	.00275	
#2	.00468	.00779	-.00001	.00045	.01288	.0037	.00250	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4351.3	60580.	4489.7	89.034	3551.0			
Stddev	2.0	223.	20.2	1.980	2.6			
%RSD	.04657	.36801	.44939	2.2243	.07256			

#1	4352.8	60738.	4475.4	87.634	3549.1			
#2	4349.9	60423.	4503.9	90.435	3552.8			

Sample Name: K 1400PPM Acquired: 8/1/2017 16:01:30 Type: Unk
Method: P4-ICP2(v2119) 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	.00185	.00159	.00597	-.00221	.00138	.05097	.00126	.00014
Stddev	.00097	.00010	.00002	.00016	.00012	.00871	.00072	.00007
%RSD	52.324	6.4159	.32698	7.0351	9.0181	17.098	57.493	47.021

#1	.00116	.00152	.00596	-.00232	.00129	.04481	.00075	.00009
#2	.00253	.00166	.00598	-.00210	.00147	.05713	.00177	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.06642	.00035	.00018	.01284	.00926	.00409	.21284
Stddev	.00005	.00721	.00010	.00008	.00005	.01485	.00000	.02669
%RSD	21.900	10.860	27.398	45.758	.40808	160.38	.01863	12.541

#1	.00020	.07152	.00028	.00024	.01288	-.00124	.00409	.19396
#2	.00027	.06132	.00042	.00012	.01280	.01976	.00408	.23171

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00086	-.00067	1.1322	-.00012	.00424	1410.8	-.00029	-.00328
Stddev	.00013	.00006	.0339	.00035	.00021	22.1	.00008	.01167
%RSD	14.835	9.1233	2.9931	284.78	4.8400	1.5673	29.514	355.84

#1	.00077	-.00062	1.1082	-.00037	.00410	1426.5	-.00023	-.01153
#2	.00095	-.00071	1.1561	.00012	.00439	1395.2	-.00035	.00497

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00719	.00689	.00030	.00142	.01670	.0040	.00325	
Stddev	.00167	.00023	.00037	.00002	.00140	.0007	.00011	
%RSD	23.272	3.3237	124.59	1.4990	8.4110	16.88	3.3551	

#1	.00837	.00673	.00004	.00144	.01571	.0045	.00333	
#2	.00600	.00705	.00056	.00141	.01769	.0035	.00317	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4473.6	61827.	4613.9	91.584	3581.8			
Stddev	59.6	316.	.9	2.689	43.3			
%RSD	1.3317	.51050	.02005	2.9357	1.2095			

#1	4431.5	61604.	4614.6	93.485	3551.2			
#2	4515.7	62050.	4613.3	89.683	3612.4			

Sample Name: CCV05 Acquired: 8/1/2017 16:10:10 Type: Unk
Method: P4-ICP2(v2119) 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	4.9254	5.0281	4.8464	5.1336	5.0423	10.599	10.243	.25856	2.5242
Stddev	.0266	.0137	.0211	.0249	.0285	.066	.145	.00144	.0081
%RSD	.54052	.27276	.43614	.48482	.56424	.62436	1.4159	.55693	.31927

#1	4.9066	5.0184	4.8315	5.1160	5.0222	10.645	10.346	.25958	2.5185
#2	4.9443	5.0378	4.8614	5.1512	5.0624	10.552	10.141	.25755	2.5299

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.148	1.0057	2.4453	1.2680	4.9876	2.6103	24.247	2.5778	1.2426
Stddev	.048	.0044	.0109	.0049	.0146	.0183	.141	.0059	.0052
%RSD	.18984	.43958	.44601	.38734	.29245	.70083	.58312	.23044	.42037

#1	25.182	1.0088	2.4376	1.2646	4.9980	2.6233	24.347	2.5736	1.2463
#2	25.114	1.0026	2.4530	1.2715	4.9773	2.5974	24.147	2.5820	1.2389

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	23.885	2.5768	2.4997	24.713	5.0395	5.2476	5.2414	4.9522	5.0328
Stddev	.159	.0166	.0177	.202	.0263	.0035	.0103	.0211	.0160
%RSD	.66692	.64365	.70821	.81842	.52263	.06625	.19559	.42543	.31754

#1	23.998	2.5885	2.5122	24.856	5.0209	5.2501	5.2342	4.9671	5.0215
#2	23.773	2.5651	2.4871	24.570	5.0581	5.2452	5.2487	4.9373	5.0441

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	5.0301	5.1206	5.446	5.0593
Stddev	.0284	.0332	.019	.0047
%RSD	.56439	.64788	.3571	.09231

#1	5.0502	5.1441	5.432	5.0626
#2	5.0100	5.0972	5.460	5.0560

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4561.0	63156.	4704.7	91.156	3694.8
Stddev	7.5	429.	36.1	.957	3.4
%RSD	.16445	.67864	.76736	1.0496	.09104

#1	4566.4	62853.	4679.2	90.480	3692.4
#2	4555.7	63459.	4730.2	91.833	3697.2

Sample Name: CCB05 Acquired: 8/1/2017 16:14:17 Type: Unk

Method: P4-ICP2(v2119) 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	.00061	-.00205	-.00160	.00053	-.00083	-.00089	-.00070	-.00004
Stddev	.00048	.00061	.00078	.00232	.00006	.01647	.00097	.00002
%RSD	78.979	29.523	48.911	436.00	6.6584	1857.9	138.10	42.711

#1	.00027	-.00248	-.00105	-.00111	-.00080	.01076	-.00138	-.00005
#2	.00095	-.00162	-.00215	.00217	-.00087	-.01253	-.00002	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00768	.00000	-.00025	-.00078	-.01226	-.00023	.03044
Stddev	.00004	.00813	.00043	.00005	.00014	.00505	.00008	.02033
%RSD	77.930	105.91	102820.	21.418	17.388	41.200	33.154	66.798

#1	-.00008	.00193	.00031	-.00029	-.00088	-.00869	-.00017	.04482
#2	-.00002	.01343	-.00031	-.00021	-.00069	-.01583	-.00028	.01606

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	.00006	.03734	.00000	-.00129	.18547	.00156	.00207
Stddev	.00016	.00005	.00257	.0000	.00003	.02637	.00029	.00043
%RSD	42.809	82.860	6.8801	9672.5	2.5792	14.219	18.563	20.914

#1	-.00048	.00002	.03552	-.00003	-.00127	.20412	.00177	.00238
#2	-.00026	.00009	.03916	.00003	-.00131	.16682	.00136	.00176

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00210	-.00054	-.00065	.00081	-.00255	.0010	.00016	
Stddev	.00265	.00261	.00021	.00047	.00171	.0007	.00003	
%RSD	126.09	479.86	32.802	57.237	66.897	70.81	15.785	

#1	-.00023	-.00239	-.00050	.00048	-.00376	.0016	.00018	
#2	-.00398	.00130	-.00081	.00114	-.00135	.0005	.00014	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4751.2	64132.	4816.6	99.412	3980.6			
Stddev	6.8	307.	18.2	.674	11.7			
%RSD	.14299	.47946	.37766	.67788	.29456			

#1	4756.0	63914.	4803.7	99.889	3972.3			
#2	4746.4	64349.	4829.4	98.936	3988.9			

Sample Name: I4512-01 Acquired: 8/1/2017 16:31:10 Type: Unk
Method: P4-ICP2(v2119) 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	.09123	.01158	.26046	.07843	.00606	133.56	1.0280	.01284	.00841
Stddev	.00154	.00218	.00446	.00019	.00130	.78	.0096	.00012	.00036
%RSD	1.6887	18.781	1.7114	.23741	21.387	.58661	.93455	.95117	4.2297

#1	.09014	.01004	.26362	.07857	.00514	134.11	1.0212	.01292	.00816
#2	.09232	.01312	.25731	.07830	.00697	133.00	1.0348	.01275	.00867

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	484.28	.34706	.22661	.10341	355.63	12.059	114.03	.55052	.02890
Stddev	3.78	.00035	.00092	.00276	2.85	.162	.85	.00183	.00041
%RSD	.78123	.09978	.40475	2.6648	.80140	1.3398	.74119	.33174	1.4030

#1	481.61	.34681	.22596	.10147	357.64	12.174	113.43	.54922	.02919
#2	486.96	.34730	.22726	.10536	353.61	11.945	114.62	.55181	.02861

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	10.185	.32520	1.1629	38.576	.00609	.08052	3.1873	1.1541	.02040
Stddev	.069	.00131	.0087	.293	.00022	.00694	.0011	.0207	.00065
%RSD	.67739	.40267	.74774	.75831	3.5589	8.6131	.03415	1.7898	3.1670

#1	10.136	.32613	1.1690	38.369	.00624	.08542	3.1881	1.1394	.02086
#2	10.234	.32427	1.1567	38.783	.00593	.07561	3.1865	1.1687	.01994

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	5.0345	.39497	9.783	.72289
Stddev	.0319	.00358	.017	.00581
%RSD	.63317	.90550	.1725	.80407

#1	5.0119	.39244	9.771	.71878
#2	5.0570	.39750	9.795	.72700

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5555.1	80530.	6051.6	87.396	3296.8
Stddev	10.4	726.	36.2	.761	2.4
%RSD	.18806	.90104	.59865	.87108	.07241

#1	5562.5	80017.	6077.2	86.858	3298.5
#2	5547.7	81043.	6025.9	87.934	3295.1

Sample Name: I4524-01 Acquired: 8/1/2017 16:35:20 Type: Unk
Method: P4-ICP2(v2119) 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	.06845	-.00106	2.2960	.13055	.01064	170.11	1.0491	.00650
Stddev	.00078	.00129	.0190	.00539	.00130	.23	.0019	.00001
%RSD	1.1391	121.39	.82735	4.1252	12.193	.13364	.17779	.20077

#1	.06790	-.00015	2.2826	.13436	.00972	169.95	1.0504	.00649
#2	.06901	-.00197	2.3094	.12674	.01155	170.27	1.0478	.00651

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00708	38.401	.32507	.17376	.51932	348.03	6.3794	41.584
Stddev	.00097	.087	.00058	.00215	.00959	4.29	.0327	.274
%RSD	13.748	.22753	.17802	1.2397	1.8467	1.2324	.51201	.65980

#1	.00639	38.339	.32548	.17224	.51254	351.06	6.3563	41.390
#2	.00777	38.463	.32466	.17528	.52610	344.99	6.4024	41.778

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30898	.02863	5.9397	.62855	1.5412	11.410	.00424	-.00407
Stddev	.00269	.00084	.0057	.00236	.0138	.001	.00033	.00223
%RSD	.87171	2.9375	.09638	.37509	.89461	.00564	7.8493	54.926

#1	.30708	.02922	5.9438	.62688	1.5509	11.410	.00447	-.00565
#2	.31089	.02803	5.9357	.63022	1.5314	11.411	.00400	-.00249

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	2.4995	2.4834	.04797	6.9902	.19170	10.73	.20273	
Stddev	.0210	.0108	.00039	.0218	.00040	.10	.00048	
%RSD	.83892	.43406	.80935	.31151	.20805	.8947	.23538	

#1	2.4847	2.4758	.04769	7.0056	.19141	10.66	.20307	
#2	2.5144	2.4910	.04824	6.9748	.19198	10.80	.20239	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5614.7	79287.	6066.4	95.448	3604.3			
Stddev	29.4	113.	8.1	1.190	21.8			
%RSD	.52367	.14220	.13362	1.2466	.60355			

#1	5635.5	79367.	6072.2	94.607	3619.7			
#2	5593.9	79207.	6060.7	96.290	3589.0			

Sample Name: I4496-01 Acquired: 8/1/2017 16:39:32 Type: Unk
Method: P4-ICP2(v2119) 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	.04313	-.00227	-.00150	-.00060	.01497	-.02542	.04132	-.00021
Stddev	.00099	.00093	.00085	.00012	.00082	.02311	.00024	.00002
%RSD	2.2848	40.966	56.567	20.190	5.5007	90.915	.58246	10.675

#1	.04243	-.00161	-.00090	-.00069	.01438	-.04177	.04115	-.00023
#2	.04383	-.00292	-.00210	-.00051	.01555	-.00908	.04149	-.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	69.276	-.00022	-.00058	.00356	-.00952	.00723	119.29
Stddev	.00006	.065	.00027	.00009	.00024	.00235	.00005	.09
%RSD	43.694	.09324	120.25	15.361	6.8640	24.685	.67656	.07195

#1	-.00009	69.322	-.00041	-.00064	.00373	-.00786	.00727	119.35
#2	-.00018	69.230	-.00003	-.00052	.00338	-.01118	.00720	119.23

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00005	336.06	.00074	.00299	3.1948	.00318	.03440
Stddev	.00054	.00024	.94	.00018	.00006	.0281	.00003	.00491
%RSD	863.57	453.83	.28094	24.951	1.8436	.87905	.92535	14.266

#1	-.00045	.00012	335.39	.00087	.00303	3.1750	.00320	.03093
#2	.00032	-.00022	336.73	.00061	.00295	3.2147	.00316	.03787

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	56.829	.52907	.00168	-.00222	.02064	.0231	.24593	
Stddev	.078	.00380	.00033	.00012	.00007	.0000	.00060	
%RSD	.13644	.71757	19.748	5.4563	.33373	.1841	.24211	

#1	56.774	.53175	.00191	-.00231	.02059	.0230	.24636	
#2	56.883	.52638	.00144	-.00214	.02069	.0231	.24551	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4459.2	63554.	4715.5	95.903	3801.7			
Stddev	.9	52.	4.0	1.448	2.5			
%RSD	.01996	.08125	.08530	1.5102	.06602			

#1	4458.6	63591.	4712.7	96.927	3803.4			
#2	4459.9	63518.	4718.3	94.879	3799.9			

Sample Name: I4496-02 Acquired: 8/1/2017 16:43:49 Type: Unk
Method: P4-ICP2(v2119) 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	.02315	-.00334	-.00146	-.00411	.01208	-.01834	.04492	-.00021
Stddev	.00190	.00127	.00115	.00249	.00040	.00412	.00011	.00009
%RSD	8.2127	38.029	78.907	60.601	3.2780	22.477	.23867	42.754

#1	.02450	-.00424	-.00227	-.00588	.01236	-.02125	.04499	-.00015
#2	.02181	-.00244	-.00064	-.00235	.01180	-.01542	.04484	-.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	83.821	.00010	-.00051	.00306	-.00943	.00312	106.06
Stddev	.00007	.369	.00000	.00001	.00021	.00104	.00006	.31
%RSD	30.041	.44012	1.0458	2.4888	6.8874	11.035	2.0825	.29331

#1	-.00030	83.560	.00010	-.00052	.00291	-.01016	.00307	105.84
#2	-.00019	84.082	.00010	-.00050	.00320	-.00869	.00317	106.28

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00040	336.64	.00060	.00155	3.3556	.00236	.01670
Stddev	.00009	.00021	.64	.00039	.00007	.0126	.00025	.00406
%RSD	62.857	52.423	.18924	64.913	4.2984	.37596	10.584	24.316

#1	.00020	-.00025	337.09	.00033	.00150	3.3467	.00253	.01957
#2	.00008	-.00055	336.19	.00088	.00160	3.3645	.00218	.01383

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	54.387	.33391	.00160	-.00108	.02555	.0148	.25662	
Stddev	.325	.00146	.00043	.00084	.00223	.0028	.00165	
%RSD	.59811	.43627	26.899	77.480	8.7372	19.04	.64292	

#1	54.617	.33288	.00191	-.00167	.02397	.0128	.25545	
#2	54.157	.33494	.00130	-.00049	.02713	.0168	.25779	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4473.2	63850.	4697.1	95.306	3816.3			
Stddev	35.0	115.	6.8	2.511	34.7			
%RSD	.78348	.18084	.14462	2.6350	.91016			

#1	4448.4	63931.	4692.3	97.082	3791.7			
#2	4498.0	63768.	4701.9	93.530	3840.8			

Sample Name: I4496-03 Acquired: 8/1/2017 16:52:43 Type: Unk
Method: P4-ICP2(v2119) 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	.03107	-.00345	-.00117	-.00121	.01361	-.01565	.03488	-.00020
Stddev	.00233	.00055	.00136	.00219	.00139	.02167	.00055	.00004
%RSD	7.5000	15.896	116.18	181.08	10.230	138.45	1.5739	21.605

#1	.02942	-.00384	-.00214	-.00275	.01262	-.00033	.03449	-.00023
#2	.03272	-.00307	-.00021	.00034	.01459	-.03097	.03527	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	64.875	.00024	-.00075	.00299	-.01824	.00628	114.79
Stddev	.00009	.525	.00025	.00014	.00002	.00798	.00001	.93
%RSD	54.898	.80900	105.23	18.192	.62318	43.755	.08899	.80752

#1	-.00010	64.504	.00006	-.00066	.00298	-.02389	.00628	114.13
#2	-.00022	65.246	.00042	-.00085	.00300	-.01260	.00627	115.44

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	-.00035	311.33	.00057	.00087	2.8480	.00244	.02128
Stddev	.00007	.00021	.75	.00017	.00004	.0137	.00007	.00122
%RSD	27.980	59.229	.24210	28.969	4.5986	.48065	2.9712	5.7470

#1	.00032	-.00050	310.79	.00069	.00090	2.8383	.00239	.02042
#2	.00021	-.00020	311.86	.00046	.00084	2.8577	.00249	.02215

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	56.760	.39522	.00195	.00003	.02159	.0214	.22375	
Stddev	.009	.00428	.00061	.00077	.00148	.0003	.00091	
%RSD	.01572	1.0817	31.027	2557.4	6.8726	1.313	.40654	

#1	56.754	.39220	.00153	.00057	.02054	.0216	.22311	
#2	56.766	.39825	.00238	-.00051	.02264	.0212	.22439	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4431.7	62927.	4657.7	92.682	3767.6			
Stddev	3.4	467.	36.3	.993	5.1			
%RSD	.07736	.74182	.78038	1.0718	.13473			

#1	4429.3	62597.	4683.4	91.980	3764.0			
#2	4434.2	63257.	4632.0	93.384	3771.2			

Sample Name: SR 40PPM Acquired: 8/1/2017 17:03:36 Type: Unk
 Method: P4-ICP2(v2119) 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	.00261	.00094	.00046	.00069	.00054	.02241	.00257	.00037	.00007
Stddev	.00103	.00050	.00018	.00027	.00051	.01877	.00074	.00006	.00006
%RSD	39.349	52.725	39.914	39.952	95.322	83.739	28.665	15.954	98.994

#1	.00188	.00059	.00033	.00088	.00090	.03569	.00309	.00041	.00002
#2	.00333	.00130	.00059	.00049	.00017	.00914	.00205	.00033	.00011

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03860	.01714	.00082	.00299	.09929	.00338	.02757	.01045	.00589
Stddev	.00960	.00061	.00028	.00002	.00700	.00003	.03742	.00002	.00004
%RSD	24.879	3.5521	34.723	.55196	7.0544	1.0156	135.71	.17457	.70780

#1	.03181	.01671	.00062	.00300	.09433	.00336	.00111	.01043	.00592
#2	.04539	.01757	.00102	.00297	.10424	.00341	.05404	.01046	.00586

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	.20790	.00031	.01128	1.0232	.02419	.02086	.02151	.03626	.02401
Stddev	.02444	.00041	.00066	.0648	.00014	.00631	.00315	.00848	.00006
%RSD	11.757	133.73	5.8098	6.3308	.56688	30.252	14.663	23.391	.23511

#1	.22518	.00002	.01175	1.0690	.02428	.02533	.02374	.04226	.02405
#2	.19062	.00060	.01082	.97737	.02409	.01640	.01928	.03026	.02397

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.02720	.01095	.0075	40.721
Stddev	.00100	.00103	.0018	2.162
%RSD	3.6795	9.3607	23.58	5.3092

#1	.02791	.01023	.0088	42.249
#2	.02650	.01168	.0063	39.192

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4628.5	63409.	4571.7	93.972	3883.5
Stddev	10.2	87.	266.3	5.279	.3
%RSD	.22053	.13693	5.8249	5.6173	.00817

#1	4621.3	63471.	4383.4	90.239	3883.3
#2	4635.7	63348.	4760.0	97.705	3883.8

Sample Name: CCV06 Acquired: 8/1/2017 17:07:56 Type: Unk
Method: P4-ICP2(v2119) 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	4.9221	5.0220	4.8188	5.1240	5.0436	10.745	10.260	.26011	2.5090
Stddev	.0055	.0069	.0085	.0022	.0079	.031	.050	.00111	.0049
%RSD	.11101	.13773	.17692	.04296	.15741	.29144	.48803	.42548	.19514

#1	4.9183	5.0269	4.8248	5.1255	5.0492	10.723	10.225	.26090	2.5124
#2	4.9260	5.0172	4.8128	5.1224	5.0380	10.767	10.295	.25933	2.5055

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.087	1.0095	2.4374	1.2637	5.0731	2.6288	24.072	2.5685	1.2537
Stddev	.039	.0022	.0013	.0005	.0278	.0040	.181	.0013	.0048
%RSD	.15348	.21869	.05172	.03958	.54782	.15371	.75379	.04905	.38312

#1	25.059	1.0111	2.4365	1.2633	5.0534	2.6317	24.200	2.5694	1.2571
#2	25.114	1.0080	2.4383	1.2640	5.0927	2.6260	23.943	2.5676	1.2503

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	24.501	2.5898	2.5038	25.266	5.0428	5.2411	5.2246	4.8916	5.0157
Stddev	.011	.0064	.0201	.032	.0029	.0297	.0070	.0283	.0041
%RSD	.04412	.24732	.80106	.12674	.05831	.56665	.13370	.57835	.08099

#1	24.508	2.5944	2.4897	25.243	5.0449	5.2201	5.2295	4.9116	5.0185
#2	24.493	2.5853	2.5180	25.289	5.0407	5.2621	5.2197	4.8716	5.0128

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	5.0540	5.1354	5.426	5.0457
Stddev	.0081	.0044	.006	.0326
%RSD	.16104	.08552	.1097	.64717

#1	5.0598	5.1385	5.430	5.0227
#2	5.0483	5.1323	5.422	5.0688

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4585.9	63259.	4779.8	91.348	3725.6
Stddev	20.1	125.	15.2	.332	21.0
%RSD	.43758	.19711	.31697	.36311	.56324

#1	4571.7	63347.	4790.5	91.582	3710.7
#2	4600.1	63171.	4769.1	91.113	3740.4

Sample Name: LLCCV02 Acquired: 8/1/2017 17:12:02 Type: Unk
Method: P4-ICP2(v2119) 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	.01987	.04005	.01183	.02108	.04901	.10234	.10086	.00637	.00604
Stddev	.00092	.00023	.00027	.00037	.00110	.00205	.00037	.00006	.00006
%RSD	4.6199	.57584	2.3217	1.7701	2.2347	2.0032	.37038	.99609	1.0232

#1	.01922	.04022	.01202	.02082	.04823	.10089	.10113	.00641	.00608
#2	.02052	.03989	.01163	.02135	.04978	.10379	.10060	.00632	.00600

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9907	.01006	.02863	.02281	.08219	.02168	1.9476	.04091	.01015
Stddev	.0028	.00056	.00019	.00016	.00159	.00008	.0235	.00041	.00020
%RSD	.14158	5.5341	.67915	.69021	1.9290	.36092	1.2086	.99012	1.9473

#1	1.9927	.01046	.02876	.02270	.08107	.02174	1.9310	.04120	.01029
#2	1.9887	.00967	.02849	.02292	.08331	.02163	1.9642	.04062	.01001

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	2.0747	.04010	.03873	2.3407	.21208	.10611	.02332	.38396	.04319
Stddev	.0034	.00063	.00014	.0123	.00227	.01285	.00056	.00480	.00003
%RSD	.16127	1.5735	.37038	.52403	1.0685	12.112	2.4050	1.2497	.07459

#1	2.0724	.04054	.03863	2.3320	.21369	.09702	.02372	.38736	.04317
#2	2.0771	.03965	.03884	2.3494	.21048	.11520	.02292	.38057	.04322

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.04236	.02516	.0228	.02105
Stddev	.00224	.00218	.0004	.00022
%RSD	5.2971	8.6611	1.905	1.0556

#1	.04395	.02362	.0225	.02089
#2	.04078	.02670	.0231	.02121

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4722.9	64110.	4829.2	96.507	3957.5
Stddev	8.8	24.	11.0	.411	3.3
%RSD	.18528	.03680	.22757	.42630	.08309

#1	4716.8	64093.	4836.9	96.798	3959.9
#2	4729.1	64126.	4821.4	96.216	3955.2

Sample Name: CCB06 Acquired: 8/1/2017 17:16:14 Type: Unk

Method: P4-ICP2(v2119) 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	-.00069	-.00132	.00021	.00020	.00136	.01073	-.00114	-.00005
Stddev	.00232	.00119	.00040	.00042	.00170	.01217	.00121	.00003
%RSD	338.46	90.082	186.90	209.39	124.82	113.36	106.27	55.042

#1	.00096	-.00048	.00049	-.00010	.00016	.00213	-.00200	-.00007
#2	-.00233	-.00216	-.00007	.00050	.00256	.01934	-.00028	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.01067	.00009	-.00028	-.00093	-.02150	-.00021	.03444
Stddev	.00005	.00867	.00014	.00023	.00021	.01198	.00005	.02743
%RSD	61.871	81.286	156.72	83.101	22.753	55.703	25.076	79.628

#1	-.00005	.00454	-.00001	-.00011	-.00078	-.02997	-.00025	.01505
#2	-.00012	.01680	.00019	-.00044	-.00107	-.01303	-.00017	.05384

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	-.00053	.00147	-.00014	-.00128	.09896	-.00052	.00225
Stddev	.00019	.00041	.01918	.00047	.00010	.01215	.00020	.00735
%RSD	48.542	76.437	1308.8	336.52	8.1832	12.276	38.950	326.92

#1	-.00053	-.00082	-.01210	.00019	-.00121	.09037	-.00038	-.00295
#2	-.00026	-.00024	.01503	-.00047	-.00135	.10755	-.00066	.00745

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00086	-.00020	-.00012	-.00079	-.00312	.0013	.00002	
Stddev	.00021	.00095	.00050	.00021	.00060	.0007	.00001	
%RSD	24.414	484.46	421.85	26.653	19.332	56.03	54.526	

#1	-.00071	.00047	-.00047	-.00093	-.00355	.0018	.00003	
#2	-.00100	-.00086	.00024	-.00064	-.00269	.0008	.00001	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4758.1	64365.	4841.3	100.13	4007.6			
Stddev	1.3	94.	4.9	.73	9.2			
%RSD	.02801	.14652	.10224	.73132	.23047			

#1	4759.1	64298.	4844.8	100.65	4001.0			
#2	4757.2	64432.	4837.8	99.614	4014.1			

Sample Name: I4496-04 Acquired: 8/1/2017 17:30:10 Type: Unk
Method: P4-ICP2(v2119) 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	.02681	-.00161	-.00094	-.00014	.01032	-.01075	.03742	-.00024
Stddev	.00025	.00088	.00021	.00049	.00124	.00740	.00026	.00001
%RSD	.94158	55.026	22.459	347.57	12.057	68.865	.69169	6.0459

#1	.02663	-.00098	-.00079	.00020	.00944	-.00552	.03724	-.00023
#2	.02699	-.00223	-.00109	-.00048	.01119	-.01599	.03760	-.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	58.540	.00015	-.00060	.00199	-.01249	.00372	100.65
Stddev	.00011	.158	.00024	.00019	.00094	.00189	.00009	.23
%RSD	72.143	.27039	160.70	32.192	47.402	15.095	2.3002	.22936

#1	-.00024	58.652	.00031	-.00047	.00132	-.01383	.00378	100.82
#2	-.00008	58.428	-.00002	-.00074	.00266	-.01116	.00366	100.49

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.00051	269.90	.00057	.00140	3.0030	.00237	.02135
Stddev	.00010	.00048	4.74	.00022	.00004	.0065	.00027	.00332
%RSD	55.913	93.689	1.7562	38.415	2.6255	.21566	11.284	15.560

#1	-.00011	-.00085	273.25	.00042	.00142	3.0076	.00218	.01900
#2	-.00025	-.00017	266.55	.00072	.00137	2.9984	.00256	.02370

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	47.929	.34899	.00193	.00075	.03514	.0165	.20182	
Stddev	.038	.00014	.00075	.00158	.00141	.0017	.00055	
%RSD	.07925	.03968	38.696	209.24	4.0233	10.16	.27447	

#1	47.902	.34889	.00246	-.00036	.03614	.0177	.20221	
#2	47.956	.34909	.00140	.00187	.03415	.0154	.20143	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4538.5	64875.	4815.4	96.356	3878.9			
Stddev	3.2	18.	30.1	1.739	4.5			
%RSD	.07117	.02848	.62500	1.8047	.11645			

#1	4536.2	64888.	4794.1	95.127	3875.7			
#2	4540.7	64862.	4836.6	97.586	3882.0			

Sample Name: I4512-02 Acquired: 8/1/2017 17:34:28 Type: Unk
Method: P4-ICP2(v2119) 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	-.00184	-.00231	-.00046	-.01307	-.00192	-.02728	.35735	-.00016
Stddev	.00004	.00065	.00036	.00003	.00145	.00482	.00050	.00004
%RSD	2.0419	28.221	78.164	.24335	75.545	17.678	.13993	27.392

#1	-.00186	-.00185	-.00072	-.01310	-.00295	-.03069	.35770	-.00013
#2	-.00181	-.00277	-.00021	-.01305	-.00090	-.02387	.35699	-.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	145.24	.00050	-.00005	.00378	-.00073	3.0647	2.3224
Stddev	.00008	.17	.00004	.00019	.00005	.00309	.0030	.0542
%RSD	130.21	.12047	8.0382	412.97	1.4362	424.31	.09743	2.3319

#1	.00001	145.12	.00047	-.00018	.00374	.00146	3.0668	2.3607
#2	.00012	145.37	.00053	.00009	.00382	-.00291	3.0626	2.2841

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00485	-.00008	308.14	-.00056	.02350	2.0570	.00004	.00373
Stddev	.00000	.00001	.13	.00030	.00025	.0058	.00006	.00426
%RSD	.03240	14.773	.04369	54.291	1.0501	.28080	159.04	114.34

#1	.00485	-.00007	308.05	-.00034	.02332	2.0529	.00008	.00071
#2	.00484	-.00009	308.24	-.00077	.02367	2.0611	.00000	.00674

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.59511	.41183	.00387	-.00434	.02589	-.0042	.21268	
Stddev	.00055	.00043	.00038	.00182	.00115	.0022	.00040	
%RSD	.09299	.10469	9.8606	42.027	4.4491	53.16	.18898	

#1	.59550	.41152	.00360	-.00305	.02508	-.0026	.21296	
#2	.59472	.41213	.00414	-.00563	.02671	-.0058	.21239	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4601.7	65478.	4820.9	93.941	3821.6			
Stddev	10.3	162.	13.1	.823	14.4			
%RSD	.22429	.24751	.27074	.87615	.37718			

#1	4594.4	65363.	4811.7	94.523	3811.4			
#2	4609.0	65592.	4830.2	93.359	3831.8			

Sample Name: I4524-03 Acquired: 8/1/2017 17:38:46 Type: Unk
Method: P4-ICP2(v2119) 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	-.00147	-.00194	.00548	.00071	-.00040	.05251	.13692	-.00013
Stddev	.00054	.00096	.00088	.00082	.00131	.01596	.00098	.00000
%RSD	37.144	49.517	16.004	115.70	329.91	30.389	.71707	1.9930

#1	-.00108	-.00126	.00611	.00013	.00053	.04123	.13622	-.00013
#2	-.00185	-.00262	.00486	.00129	-.00132	.06380	.13761	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	21.730	-.00006	.00028	.00324	-.00503	.24630	2.8077
Stddev	.00009	.094	.00010	.00017	.00001	.00197	.00014	.0031
%RSD	81.639	.43299	180.13	59.904	.18329	39.143	.05857	.10897

#1	.00018	21.663	-.00013	.00039	.00324	-.00642	.24640	2.8055
#2	.00005	21.796	.00002	.00016	.00324	-.00364	.24620	2.8098

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00224	-.00008	291.01	.00015	.02990	1.4869	-.00117	.00933
Stddev	.00002	.00028	1.82	.00010	.00012	.0104	.00004	.00007
%RSD	.92782	356.50	.62401	66.780	.41678	.70161	3.0011	.70161

#1	.00226	-.00028	289.72	.00022	.02981	1.4795	-.00115	.00929
#2	.00223	.00012	292.29	.00008	.02999	1.4942	-.00119	.00938

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.35848	1.7249	.00189	.00027	.01426	.0100	.09278	
Stddev	.00294	.0071	.00006	.00110	.00001	.0000	.00016	
%RSD	.82012	.41148	3.4255	413.42	.08457	.1555	.17091	

#1	.36056	1.7199	.00194	.00104	.01427	.0100	.09267	
#2	.35640	1.7300	.00185	-.00051	.01426	.0100	.09290	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4668.1	65718.	4865.0	97.951	3957.4			
Stddev	12.9	60.	23.6	.563	.6			
%RSD	.27571	.09093	.48509	.57478	.01395			

#1	4659.0	65676.	4881.7	98.349	3957.1			
#2	4677.2	65761.	4848.4	97.553	3957.8			

Sample Name: K 450PPM Acquired: 8/1/2017 17:43:04 Type: Unk
Method: P4-ICP2(v2119) 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	.00242	.00203	.00078	-.00169	.00087	.01254	-.00078	.00005
Stddev	.00166	.00087	.00054	.00123	.00013	.00970	.00009	.00000
%RSD	68.742	42.863	69.174	72.943	15.219	77.344	11.144	5.5328

#1	.00124	.00264	.00116	-.00082	.00096	.00568	-.00084	.00005
#2	.00360	.00141	.00040	-.00256	.00078	.01940	-.00072	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.03068	.00559	-.00022	.00302	.00153	.00359	.08841
Stddev	.00005	.00481	.00017	.00002	.00006	.00051	.00007	.00887
%RSD	102.08	15.663	3.1165	9.5685	1.8908	33.330	1.8280	10.033

#1	.00009	.03408	.00571	-.00021	.00298	.00117	.00364	.08214
#2	.00001	.02728	.00546	-.00024	.00306	.00189	.00354	.09468

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	.00039	.36587	-.00015	.00023	447.78	-.00032	.00294
Stddev	.00008	.00035	.01285	.00007	.00000	.77	.00017	.00800
%RSD	4.7911	89.463	3.5115	47.555	.59297	.17290	51.170	272.20

#1	.00153	.00063	.35679	-.00010	.00023	447.23	-.00021	.00859
#2	.00163	.00014	.37496	-.00020	.00023	448.33	-.00044	-.00272

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00220	.00727	.00030	.00079	.01248	.0006	.00012	
Stddev	.00120	.00085	.00100	.00026	.00007	.0005	.00015	
%RSD	54.377	11.743	332.00	33.453	.53717	93.76	127.73	

#1	.00135	.00788	-.00040	.00060	.01253	.0010	.00022	
#2	.00305	.00667	.00101	.00098	.01243	.0002	.00001	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4649.0	64833.	4767.5	94.413	3919.1			
Stddev	12.4	476.	6.2	2.095	14.1			
%RSD	.26706	.73411	.12935	2.2189	.36086			

#1	4640.2	64497.	4763.1	92.932	3909.1			
#2	4657.7	65170.	4771.8	95.894	3929.1			

Sample Name: NA 400PPM Acquired: 8/1/2017 17:47:18 Type: Unk
Method: P4-ICP2(v2119) 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	.00235	.00318	.00019	-.00132	-.00017	.00856	-.00008	.00008
Stddev	.00042	.00053	.00050	.00109	.00042	.00199	.00009	.00007
%RSD	17.992	16.617	257.93	82.272	243.39	23.189	118.12	79.506

#1	.00265	.00281	-.00016	-.00209	-.00047	.00996	-.00001	.00004
#2	.00205	.00355	.00054	-.00055	.00012	.00716	-.00014	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.06729	.00120	-.00005	.00091	.04085	.00096	.07423
Stddev	.00003	.00872	.00015	.00023	.00007	.00871	.00001	.04703
%RSD	127.38	12.953	12.236	436.37	7.5423	21.314	1.0163	63.351

#1	.00000	.07346	.00130	-.00022	.00096	.04701	.00097	.10748
#2	.00005	.06113	.00110	.00011	.00087	.03470	.00095	.04098

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	-.00009	416.95	-.00003	.00062	.61374	-.00097	.00212
Stddev	.00021	.00029	.72	.00011	.00009	.03719	.00011	.00141
%RSD	22.045	319.22	.17236	326.55	15.228	6.0595	11.801	66.378

#1	.00111	-.00029	417.46	.00004	.00069	.58745	-.00089	.00311
#2	.00081	.00011	416.44	-.00011	.00056	.64004	-.00105	.00112

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00318	.00712	.00083	.00208	.01580	.0003	.00020	
Stddev	.00162	.00196	.00018	.00253	.00161	.0002	.00014	
%RSD	51.009	27.495	22.116	121.78	10.200	50.23	71.004	

#1	.00433	.00851	.00097	.00387	.01466	.0005	.00010	
#2	.00203	.00574	.00070	.00029	.01694	.0002	.00030	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4669.6	64927.	4753.1	94.489	3886.0			
Stddev	18.1	836.	5.7	1.217	9.0			
%RSD	.38661	1.2877	.12038	1.2881	.23212			

#1	4682.4	65518.	4757.2	93.629	3892.3			
#2	4656.8	64336.	4749.1	95.350	3879.6			

Sample Name: I4524-03DUP Acquired: 8/1/2017 17:51:38 Type: Unk
Method: P4-ICP2(v2119) 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	-.00193	-.00303	.00573	.00132	-.00106	.04690	.13784	-.00015
Stddev	.00079	.00101	.00015	.00027	.00048	.00621	.00052	.00002
%RSD	40.943	33.274	2.5460	20.210	45.783	13.242	.37668	14.922

#1	-.00137	-.00375	.00563	.00151	-.00072	.05129	.13747	-.00017
#2	-.00249	-.00232	.00583	.00113	-.00140	.04251	.13821	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	21.829	-.00042	.00026	.00324	-.00775	.24618	2.7996
Stddev	.00003	.083	.00004	.00024	.00007	.00274	.00074	.0076
%RSD	24.958	.37838	8.3762	89.289	2.3018	35.416	.29956	.27222

#1	.00011	21.888	-.00044	.00010	.00319	-.00581	.24566	2.8050
#2	.00016	21.771	-.00039	.00043	.00329	-.00969	.24670	2.7943

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00219	.00005	294.40	-.00007	.03034	1.5080	-.00097	.01167
Stddev	.00009	.00044	2.35	.00009	.00029	.0098	.00004	.00580
%RSD	3.9408	836.52	.79706	126.16	.95459	.64683	3.6986	49.674

#1	.00225	-.00026	296.06	-.00001	.03054	1.5011	-.00099	.01577
#2	.00213	.00036	292.74	-.00014	.03013	1.5149	-.00094	.00757

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.35587	1.7389	.00133	.00107	.01335	.0100	.09347	
Stddev	.00143	.0033	.00002	.00012	.00101	.0009	.00035	
%RSD	.40222	.18756	1.3462	11.426	7.5636	9.276	.37129	

#1	.35688	1.7412	.00132	.00115	.01264	.0093	.09372	
#2	.35485	1.7366	.00134	.00098	.01406	.0106	.09323	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4710.4	66038.	4879.2	96.770	3966.9			
Stddev	13.4	31.	15.4	1.215	8.8			
%RSD	.28473	.04761	.31545	1.2555	.22169			

#1	4700.9	66016.	4868.3	95.911	3960.7			
#2	4719.9	66061.	4890.1	97.630	3973.1			

Sample Name: I4524-03LX5 Acquired: 8/1/2017 17:55:56 Type: Unk
Method: P4-ICP2(v2119) 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	-.00103	-.00078	.00013	.00134	-.00037	.01851	.02696	.00000
Stddev	.00032	.00105	.00035	.00056	.00065	.00232	.00026	.00002
%RSD	30.835	135.15	269.51	42.013	173.83	12.523	.95527	2309.2

#1	-.00125	-.00003	-.00012	.00174	.00009	.02015	.02678	.00002
#2	-.00080	-.00152	.00038	.00095	-.00083	.01687	.02714	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	4.3583	-.00036	.00001	.00089	-.01824	.04990	.59798
Stddev	.00006	.0295	.00021	.00012	.00049	.01336	.00030	.00296
%RSD	6612.1	.67712	57.752	905.45	55.321	73.241	.59896	.49483

#1	-.00004	4.3792	-.00021	-.00007	.00124	-.02769	.05011	.59589
#2	.00005	4.3375	-.00050	.00010	.00054	-.00879	.04969	.60008

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	.00026	61.304	-.00009	.00542	.54513	-.00109	.00537
Stddev	.00040	.00043	.356	.00045	.00025	.01239	.00013	.00042
%RSD	75.042	164.70	.58045	513.46	4.6550	2.2734	11.889	7.8573

#1	.00025	-.00004	61.556	-.00040	.00560	.53637	-.00118	.00567
#2	.00082	.00057	61.053	.00023	.00524	.55389	-.00100	.00507

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.07627	.36622	.00037	.00291	.01010	.0038	.01849	
Stddev	.00163	.00425	.00039	.00071	.00049	.0011	.00002	
%RSD	2.1315	1.1602	104.07	24.370	4.8871	30.59	.12795	

#1	.07512	.36322	.00065	.00241	.01045	.0046	.01847	
#2	.07742	.36923	.00010	.00341	.00975	.0029	.01850	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4793.2	66606.	4866.9	97.560	4110.6			
Stddev	9.8	441.	9.1	2.850	10.8			
%RSD	.20549	.66157	.18680	2.9209	.26232			

#1	4800.2	66295.	4873.3	95.545	4118.2			
#2	4786.3	66918.	4860.4	99.575	4102.9			

Sample Name: I4524-03MS Acquired: 8/1/2017 18:00:08 Type: Unk
Method: P4-ICP2(v2119) 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	.84686	2.0452	1.0087	1.9562	.76985	2.3533	.38026	.21690	.21173
Stddev	.00052	.0019	.0004	.0004	.00079	.0057	.00217	.00018	.00086
%RSD	.06154	.09165	.04115	.02033	.10268	.24317	.57069	.08106	.40468

#1	.84649	2.0438	1.0084	1.9564	.77041	2.3493	.37873	.21678	.21112
#2	.84723	2.0465	1.0090	1.9559	.76929	2.3574	.38179	.21703	.21234

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.292	.44465	.21166	.34069	3.2457	.48576	5.1444	.55170	.08001
Stddev	.194	.00294	.00051	.00065	.0631	.00198	.0293	.00057	.00045
%RSD	.79945	.66049	.24068	.19068	1.9452	.40800	.56994	.10313	.55954

#1	24.154	.44672	.21130	.34023	3.2904	.48716	5.1237	.55130	.08033
#2	24.429	.44257	.21202	.34115	3.2011	.48435	5.1651	.55211	.07970

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	313.35	.34580	.24530	12.997	.41845	.35167	.36589	2.8042	.69430
Stddev	.74	.00078	.00327	.109	.00009	.00670	.00591	.0164	.00250
%RSD	.23694	.22534	1.3329	.83779	.02145	1.9051	1.6141	.58597	.36027

#1	312.82	.34635	.24762	12.920	.41839	.34694	.36171	2.7926	.69253
#2	313.87	.34525	.24299	13.074	.41851	.35641	.37007	2.8158	.69607

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.21169	.23918	6.195	.31179
Stddev	.00150	.00535	.007	.00339
%RSD	.71071	2.2360	.1213	1.0865

#1	.21062	.23540	6.189	.30940
#2	.21275	.24296	6.200	.31419

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4679.2	66319.	4794.8	97.973	3949.9
Stddev	12.1	465.	17.9	1.188	8.5
%RSD	.25893	.70151	.37403	1.2130	.21446

#1	4670.7	65990.	4807.4	97.132	3955.9
#2	4687.8	66648.	4782.1	98.813	3943.9

Sample Name: I4524-03MSD Acquired: 8/1/2017 18:04:12 Type: Unk
Method: P4-ICP2(v2119) 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	.84647	2.0426	1.0103	1.9568	.77332	2.3625	.38040	.21739	.21175
Stddev	.00030	.0027	.0013	.0088	.00126	.0033	.00019	.00023	.00023
%RSD	.03515	.13011	.12750	.45016	.16338	.14068	.05111	.10531	.11080

#1	.84626	2.0408	1.0094	1.9630	.77421	2.3602	.38026	.21755	.21158
#2	.84668	2.0445	1.0112	1.9505	.77243	2.3649	.38054	.21722	.21191

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.318	.44836	.21143	.33989	3.3163	.48856	5.1542	.55283	.08001
Stddev	.041	.00188	.00040	.00015	.0199	.00017	.0236	.00011	.00006
%RSD	.16929	.41869	.18841	.04329	.60089	.03506	.45735	.02076	.06916

#1	24.289	.44703	.21171	.33999	3.3304	.48868	5.1375	.55275	.07997
#2	24.347	.44968	.21115	.33978	3.3022	.48844	5.1708	.55292	.08005

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	311.72	.34850	.25162	12.971	.41951	.34768	.36445	2.7978	.69683
Stddev	2.75	.00138	.00220	.045	.00029	.01842	.00076	.0050	.00107
%RSD	.88330	.39597	.87445	.34612	.06939	5.2994	.20776	.17732	.15353

#1	313.67	.34752	.25318	12.940	.41972	.36070	.36499	2.8013	.69758
#2	309.77	.34947	.25007	13.003	.41931	.33465	.36392	2.7943	.69607

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.21002	.23847	6.188	.31090
Stddev	.00259	.00178	.007	.00038
%RSD	1.2335	.74707	.1077	.12377

#1	.21185	.23721	6.183	.31117
#2	.20819	.23973	6.193	.31063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4664.7	65975.	4776.3	95.685	3945.9
Stddev	2.2	119.	8.3	.759	5.2
%RSD	.04805	.17979	.17278	.79355	.13088

#1	4663.2	65891.	4770.5	95.148	3949.6
#2	4666.3	66059.	4782.2	96.221	3942.3

Sample Name: I4524-03A Acquired: 8/1/2017 18:08:16 Type: Unk
Method: P4-ICP2(v2119) 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	.83089	2.0040	.98515	1.9568	.82573	2.2956	.36386	.21327	.20648
Stddev	.00292	.0134	.00631	.0086	.00859	.0011	.00113	.00035	.00104
%RSD	.35189	.66888	.64009	.43701	1.0405	.04798	.31155	.16456	.50314

#1	.82882	1.9945	.98070	1.9507	.81966	2.2964	.36306	.21302	.20575
#2	.83295	2.0135	.98961	1.9628	.83181	2.2948	.36466	.21352	.20721

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.841	.43053	.20596	.33301	3.1328	.46618	4.9309	.53640	.07986
Stddev	.033	.00049	.00033	.00194	.0465	.00058	.0310	.00219	.00013
%RSD	.14268	.11394	.16016	.58387	1.4845	.12497	.62834	.40816	.16763

#1	22.818	.43088	.20573	.33163	3.1000	.46659	4.9090	.53485	.07977
#2	22.864	.43018	.20620	.33438	3.1657	.46577	4.9528	.53794	.07996

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	296.09	.33592	.23610	12.522	.44985	.34087	.35139	2.7873	.75114
Stddev	2.00	.00102	.00397	.032	.00243	.00808	.00196	.0108	.00343
%RSD	.67476	.30260	1.6827	.25354	.54097	2.3706	.55711	.38821	.45667

#1	297.50	.33664	.23329	12.499	.44813	.34659	.35001	2.7796	.74871
#2	294.67	.33520	.23891	12.544	.45158	.33516	.35277	2.7950	.75356

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.22799	.22697	6.107	.29766
Stddev	.00435	.00183	.031	.00010
%RSD	1.9064	.80740	.5106	.03345

#1	.23107	.22567	6.085	.29773
#2	.22492	.22827	6.129	.29759

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4688.6	66195.	4821.3	98.894	3967.8
Stddev	12.7	198.	5.6	1.467	15.0
%RSD	.27112	.29864	.11517	1.4832	.37914

#1	4697.6	66055.	4825.2	99.931	3978.4
#2	4679.6	66335.	4817.4	97.856	3957.1

Sample Name: CCV07 Acquired: 8/1/2017 18:12:25 Type: Unk
Method: P4-ICP2(v2119) 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	4.8032	4.8767	4.6916	4.9664	4.9169	10.353	10.018	.25091	2.4373
Stddev	.0282	.0109	.0133	.0259	.0341	.088	.060	.00139	.0022
%RSD	.58758	.22401	.28397	.52218	.69365	.85384	.59542	.55572	.09097

#1	4.8232	4.8844	4.7011	4.9847	4.9410	10.416	9.9754	.25190	2.4389
#2	4.7832	4.8689	4.6822	4.9480	4.8928	10.291	10.060	.24992	2.4358

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.536	.97668	2.3763	1.2298	4.8981	2.5464	23.695	2.4883	1.2143
Stddev	.118	.00335	.0046	.0023	.0784	.0122	.091	.0020	.0045
%RSD	.47938	.34324	.19396	.18741	1.6002	.47783	.38559	.07864	.37094

#1	24.453	.97905	2.3795	1.2314	4.8427	2.5550	23.631	2.4869	1.2175
#2	24.620	.97431	2.3730	1.2282	4.9535	2.5378	23.760	2.4897	1.2112

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	23.607	2.5090	2.4442	24.868	4.9310	5.1257	5.0451	4.8266	4.8665
Stddev	.163	.0098	.0275	.070	.0129	.0561	.0090	.0415	.0031
%RSD	.69043	.39049	1.1262	.28028	.26164	1.0949	.17780	.85959	.06335

#1	23.492	2.5160	2.4247	24.819	4.9401	5.0860	5.0514	4.7972	4.8687
#2	23.723	2.5021	2.4636	24.918	4.9218	5.1653	5.0388	4.8559	4.8644

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.9090	5.0276	5.250	4.9323
Stddev	.0282	.0132	.006	.0250
%RSD	.57412	.26209	.1140	.50664

#1	4.8891	5.0183	5.255	4.9146
#2	4.9289	5.0369	5.246	4.9499

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4697.9	65509.	4853.9	93.826	3841.6
Stddev	20.0	475.	17.0	1.102	8.4
%RSD	.42603	.72507	.35020	1.1741	.21787

#1	4683.7	65173.	4865.9	94.605	3835.6
#2	4712.0	65845.	4841.9	93.047	3847.5

Sample Name: CCB07 Acquired: 8/1/2017 18:16:31 Type: Unk
Method: P4-ICP2(v2119) 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	.00096	.00117	.00036	-.00033	.00000	-.00441	-.00072	.00002
Stddev	.00051	.00008	.00075	.00196	.0012	.00185	.00064	.00000
%RSD	53.062	6.7869	206.94	600.26	37910.	41.919	89.226	4.5975

#1	.00060	.00111	-.00017	-.00171	-.00081	-.00572	-.00026	.00002
#2	.00132	.00122	.00089	.00106	.00081	-.00311	-.00117	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00119	-.00005	-.00006	.00040	-.01146	.00002	.05455
Stddev	.00007	.00614	.00021	.00002	.00002	.00413	.00002	.04198
%RSD	315.35	517.69	416.20	25.254	5.6771	36.039	111.11	76.953

#1	.00003	-.00552	.00010	-.00007	.00042	-.01439	.00000	.02487
#2	-.00007	.00315	-.00019	-.00005	.00039	-.00854	.00004	.08424

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00018	.16112	.00013	-.00123	.21811	.00201	.00733
Stddev	.00048	.00011	.00410	.00035	.00000	.01470	.00073	.00372
%RSD	547.69	61.166	2.5465	276.96	.19321	6.7401	36.601	50.734

#1	.00025	.00026	.15822	.00037	-.00123	.20772	.00253	.00996
#2	-.00043	.00010	.16402	-.00012	-.00124	.22851	.00149	.00470

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00021	.00196	.00154	.00014	F .00657	-.0014	.00021	
Stddev	.00060	.00233	.00010	.00096	.00240	.0004	.00008	
%RSD	287.64	119.11	6.3858	704.23	36.590	31.35	36.388	

#1	-.00063	.00361	.00161	-.00055	.00827	-.0017	.00015	
#2	.00021	.00031	.00147	.00082	.00487	-.0011	.00026	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4766.2	64516.	4834.4	95.414	3957.7			
Stddev	9.7	37.	55.8	2.788	8.1			
%RSD	.20284	.05663	1.1548	2.9223	.20376			

#1	4759.3	64491.	4873.8	97.386	3952.0			
#2	4773.0	64542.	4794.9	93.442	3963.4			

Sample Name: I4497-01 Acquired: 8/1/2017 18:20:46 Type: Unk
Method: P4-ICP2(v2119) 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	.02024	.00126	.14655	.08120	.00544	105.37	.50140	.00543
Stddev	.00329	.00013	.00086	.00065	.00010	.19	.00027	.00008
%RSD	16.258	10.570	.58590	.80372	1.9147	.17586	.05380	1.5033

#1	.02257	.00136	.14716	.08074	.00537	105.24	.50159	.00537
#2	.01791	.00117	.14594	.08166	.00552	105.50	.50121	.00548

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	13.389	.21360	.14201	.20052	220.79	3.3398	33.504
Stddev	.00047	.022	.00084	.00051	.00434	2.73	.0077	.054
%RSD	152.44	.16490	.39126	.35851	2.1648	1.2387	.23150	.16233

#1	-.00002	13.373	.21301	.14165	.19745	222.73	3.3453	33.466
#2	.00064	13.405	.21419	.14237	.20359	218.86	3.3343	33.543

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18808	.01606	1.6211	.32074	.37514	8.7283	.00103	-.02155
Stddev	.00090	.00036	.0027	.00017	.00384	.0136	.00025	.00984
%RSD	.47927	2.2125	.16873	.05289	1.0241	.15587	24.607	45.668

#1	.18744	.01631	1.6231	.32062	.37786	8.7187	.00085	-.01459
#2	.18872	.01581	1.6192	.32086	.37242	8.7380	.00121	-.02852

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.23550	2.0754	.01111	2.5552	.15942	2.288	.05817	
Stddev	.00279	.0076	.00001	.0093	.00077	.012	.00030	
%RSD	1.1844	.36478	.12189	.36357	.48554	.5353	.50780	

#1	.23353	2.0700	.01110	2.5487	.15997	2.279	.05796	
#2	.23748	2.0807	.01112	2.5618	.15888	2.296	.05838	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5203.4	73273.	5408.8	98.860	3881.5			
Stddev	26.7	135.	13.1	1.168	16.1			
%RSD	.51231	.18476	.24236	1.1820	.41505			

#1	5222.2	73369.	5418.1	98.034	3892.9			
#2	5184.5	73177.	5399.6	99.687	3870.1			

Sample Name: I4497-01DUP Acquired: 8/1/2017 18:24:55 Type: Unk
Method: P4-ICP2(v2119) 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	.02061	.00462	.14739	.08592	.00527	104.48	.50293	.00534
Stddev	.00187	.00056	.00023	.00001	.00109	.80	.00264	.00017
%RSD	9.0635	12.037	.15339	.01572	20.619	.76190	.52556	3.2702

#1	.01929	.00423	.14723	.08593	.00604	105.04	.50106	.00546
#2	.02193	.00501	.14754	.08591	.00450	103.92	.50480	.00522

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00120	13.407	.21246	.13844	.18894	229.62	3.2986	33.718
Stddev	.00032	.118	.00402	.00104	.00190	4.26	.0262	.340
%RSD	26.958	.88134	1.8919	.75011	1.0064	1.8571	.79406	1.0073

#1	-.00097	13.324	.21530	.13770	.19029	226.61	3.3172	33.478
#2	-.00143	13.491	.20962	.13917	.18760	232.64	3.2801	33.958

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18238	.01706	1.6330	.31651	.38518	8.7681	.00088	.00066
Stddev	.00119	.00112	.0242	.00545	.00456	.0870	.00006	.00348
%RSD	.65228	6.5518	1.4794	1.7229	1.1829	.99166	7.0065	527.27

#1	.18154	.01627	1.6159	.32037	.38195	8.7066	.00084	.00312
#2	.18322	.01785	1.6500	.31266	.38840	8.8296	.00093	-.00180

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.22762	2.0657	.01129	2.5688	.16012	2.223	.05857	
Stddev	.00018	.0027	.00058	.0210	.00226	.012	.00030	
%RSD	.07955	.13030	5.1178	.81605	1.4140	.5285	.51016	

#1	.22774	2.0676	.01088	2.5539	.15851	2.215	.05835	
#2	.22749	2.0637	.01170	2.5836	.16172	2.232	.05878	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5307.2	74170.	5404.9	95.996	3984.9			
Stddev	12.6	915.	15.1	1.208	12.0			
%RSD	.23766	1.2335	.27892	1.2581	.30216			

#1	5316.1	73523.	5415.6	96.850	3993.4			
#2	5298.3	74817.	5394.3	95.142	3976.4			

Sample Name: I4497-01LX5 Acquired: 8/1/2017 18:29:04 Type: Unk
Method: P4-ICP2(v2119) 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	.00532	.00078	.02954	.01618	.00096	22.702	.10580	.00122
Stddev	.00102	.00011	.00038	.00008	.00052	.138	.00014	.00004
%RSD	19.166	14.216	1.3013	.50517	54.018	.60750	.13143	3.1606

#1	.00604	.00070	.02981	.01624	.00132	22.799	.10589	.00119
#2	.00460	.00086	.02926	.01613	.00059	22.604	.10570	.00124

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	2.8747	.04674	.02757	.04570	45.107	.73705	7.1708
Stddev	.00001	.0280	.00003	.00026	.00073	.146	.00112	.0825
%RSD	1.2283	.97355	.05976	.92956	1.5949	.32335	.15258	1.1509

#1	-.00058	2.8945	.04672	.02775	.04621	45.210	.73785	7.2292
#2	-.00057	2.8549	.04676	.02739	.04518	45.004	.73625	7.1125

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03652	.00317	.42168	.06919	.07695	1.9579	-.00048	-.00328
Stddev	.00068	.00049	.01745	.00105	.00051	.0029	.00030	.00243
%RSD	1.8632	15.391	4.1391	1.5141	.66284	.14796	62.511	74.067

#1	.03700	.00351	.43402	.06845	.07731	1.9599	-.00027	-.00156
#2	.03604	.00282	.40933	.06993	.07659	1.9558	-.00070	-.00500

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.04829	.45214	.00277	.54387	.03804	.4733	.01225	
Stddev	.00040	.00091	.00070	.00224	.00063	.0066	.00010	
%RSD	.82635	.20103	25.356	.41204	1.6648	1.392	.84666	

#1	.04857	.45278	.00326	.54229	.03760	.4780	.01233	
#2	.04801	.45150	.00227	.54546	.03849	.4687	.01218	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4988.8	68080.	5058.9	98.380	4096.4			
Stddev	44.7	396.	15.4	.353	47.1			
%RSD	.89663	.58096	.30474	.35873	1.1503			

#1	4957.2	67800.	5048.0	98.131	4063.1			
#2	5020.5	68359.	5069.8	98.630	4129.8			

Sample Name: I4497-01MS Acquired: 8/1/2017 18:33:16 Type: Unk
Method: P4-ICP2(v2119) 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	.74397	2.0454	1.1701	1.7282	.18962	138.82	.72052	.19906	.20999
Stddev	.00141	.0140	.0072	.0017	.00069	.66	.00425	.00054	.00177
%RSD	.18913	.68576	.61889	.09530	.36374	.47814	.59047	.27058	.84279

#1	.74497	2.0553	1.1752	1.7270	.18913	138.35	.72353	.19868	.21124
#2	.74298	2.0354	1.1650	1.7293	.19011	139.29	.71752	.19944	.20874

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.436	.70921	.35961	.50669	260.76	3.4745	35.217	.75544	.08798
Stddev	.048	.00556	.00248	.00003	2.69	.0348	.209	.00561	.00046
%RSD	.35393	.78372	.69043	.00664	1.0330	1.0008	.59301	.74298	.51817

#1	13.470	.70528	.36137	.50671	262.66	3.4499	35.365	.75940	.08766
#2	13.403	.71314	.35786	.50666	258.85	3.4990	35.070	.75147	.08830

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	4.3532	.76025	.59529	17.709	.34334	.23290	.23443	3.2382	.67366
Stddev	.0267	.00555	.00459	.007	.00107	.00895	.00042	.0160	.00511
%RSD	.61245	.73064	.77134	.03829	.31059	3.8414	.17856	.49544	.75858

#1	4.3720	.75632	.59854	17.714	.34409	.23922	.23472	3.2496	.67728
#2	4.3343	.76417	.59205	17.705	.34258	.22657	.23413	3.2269	.67005

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	2.9998	.33986	8.008	.23453
Stddev	.0022	.00007	.054	.00131
%RSD	.07467	.02172	.6718	.55698

#1	3.0013	.33991	8.046	.23545
#2	2.9982	.33980	7.970	.23360

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5198.5	72659.	5560.3	99.548	3839.5
Stddev	18.2	262.	15.9	.836	29.0
%RSD	.35048	.36046	.28517	.84017	.75534

#1	5185.7	72844.	5549.1	98.957	3819.0
#2	5211.4	72473.	5571.5	100.14	3860.0

Sample Name: I4497-01MSD Acquired: 8/1/2017 18:37:25 Type: Unk
Method: P4-ICP2(v2119) 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	.73996	2.0225	1.1585	1.7166	.18759	141.75	.77385	.19579	.20520
Stddev	.00301	.0151	.0037	.0108	.00101	.85	.00014	.00035	.00164
%RSD	.40702	.74671	.31570	.62717	.54089	.59672	.01770	.17959	.79817

#1	.74209	2.0332	1.1611	1.7242	.18688	141.15	.77376	.19554	.20636
#2	.73783	2.0118	1.1559	1.7090	.18831	142.34	.77395	.19603	.20404

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.328	.69455	.35464	.49595	273.81	3.4302	37.366	.74449	.08903
Stddev	.062	.00024	.00210	.00225	.93	.0553	.177	.00479	.00067
%RSD	.43608	.03393	.59262	.45336	.34141	1.6110	.47303	.64306	.75413

#1	14.284	.69438	.35613	.49754	274.47	3.3911	37.241	.74788	.08855
#2	14.372	.69471	.35315	.49436	273.15	3.4692	37.491	.74110	.08950

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	4.6861	.74579	.60644	18.884	.33978	.23216	.23115	3.3380	.66318
Stddev	.0119	.00246	.00132	.002	.00228	.00059	.00597	.0109	.00508
%RSD	.25358	.33036	.21765	.01197	.66996	.25384	2.5808	.32779	.76615

#1	4.6777	.74405	.60737	18.883	.34139	.23174	.23537	3.3458	.66677
#2	4.6945	.74753	.60550	18.886	.33817	.23257	.22693	3.3303	.65959

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	3.2049	.36683	7.905	.25215
Stddev	.0027	.00131	.039	.00010
%RSD	.08545	.35743	.4977	.04067

#1	3.2030	.36590	7.933	.25223
#2	3.2069	.36776	7.878	.25208

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5250.2	73520.	5380.7	97.902	3893.8
Stddev	17.0	341.	11.3	.384	18.9
%RSD	.32370	.46425	.20940	.39180	.48444

#1	5238.2	73762.	5388.7	97.631	3880.5
#2	5262.2	73279.	5372.7	98.173	3907.2

Sample Name: I4497-05 Acquired: 8/1/2017 18:41:34 Type: Unk
Method: P4-ICP2(v2119) 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	.02642	.00228	.12905	.07822	.00557	100.93	.39501	.00492
Stddev	.00008	.00025	.00148	.00403	.00125	.20	.00034	.00013
%RSD	.30902	10.951	1.1470	5.1527	22.368	.19942	.08724	2.5629

#1	.02648	.00246	.13010	.08107	.00469	100.79	.39476	.00483
#2	.02636	.00210	.12801	.07537	.00645	101.07	.39525	.00501

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	11.781	.20079	.11682	.17608	212.25	3.5719	28.478
Stddev	.00023	.014	.00257	.00035	.00209	3.89	.0180	.073
%RSD	369.85	.11852	1.2811	.30075	1.1856	1.8344	.50371	.25803

#1	-.00010	11.791	.19897	.11707	.17461	215.00	3.5592	28.426
#2	.00022	11.771	.20261	.11657	.17756	209.50	3.5847	28.530

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16290	.01534	2.4972	.32464	.34007	8.1663	.00106	-.03084
Stddev	.00069	.00032	.0002	.00386	.00602	.0383	.00013	.01399
%RSD	.42182	2.0595	.00872	1.1885	1.7716	.46942	12.028	45.355

#1	.16338	.01557	2.4970	.32191	.34433	8.1392	.00115	-.02095
#2	.16241	.01512	2.4973	.32737	.33581	8.1934	.00097	-.04072

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.21367	1.6607	.00968	2.2018	.13957	3.889	.05152	
Stddev	.00427	.0320	.00014	.0017	.00097	.017	.00008	
%RSD	1.9987	1.9286	1.3993	.07524	.69422	.4250	.16335	

#1	.21669	1.6380	.00958	2.2007	.13889	3.901	.05146	
#2	.21065	1.6833	.00978	2.2030	.14026	3.878	.05158	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5281.4	75038.	5494.0	100.06	3987.9			
Stddev	18.5	225.	14.2	1.75	11.4			
%RSD	.35036	.30014	.25891	1.7467	.28703			

#1	5268.3	75197.	5504.0	98.823	3979.8			
#2	5294.5	74878.	5483.9	101.29	3996.0			

Sample Name: I4497-09 Acquired: 8/1/2017 18:45:44 Type: Unk
Method: P4-ICP2(v2119) 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	.03193	.00076	.16926	.09136	.00653	136.51	.49994	.00596
Stddev	.00119	.00028	.00072	.00104	.00104	.36	.00348	.00006
%RSD	3.7334	36.230	.42467	1.1348	15.902	.26226	.69687	1.0705

#1	.03278	.00096	.16875	.09209	.00726	136.76	.50240	.00601
#2	.03109	.00057	.16976	.09062	.00579	136.26	.49747	.00592

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	9.9486	.22570	.12943	.22531	238.41	3.0887	31.762
Stddev	.00027	.0427	.00102	.00011	.00120	3.61	.0015	.043
%RSD	53.507	.42909	.45239	.08695	.53079	1.5130	.04982	.13518

#1	-.00031	9.9787	.22642	.12935	.22616	235.86	3.0876	31.732
#2	-.00069	9.9184	.22498	.12951	.22447	240.96	3.0898	31.793

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18310	.01714	2.1993	.36558	.42613	8.7506	.00167	.01631
Stddev	.00079	.00009	.0136	.00056	.00454	.0656	.00025	.00711
%RSD	.43142	.50762	.61784	.15454	1.0656	.74923	15.046	43.584

#1	.18254	.01721	2.2089	.36518	.42292	8.7969	.00150	.01129
#2	.18365	.01708	2.1897	.36598	.42934	8.7042	.00185	.02134

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67922	2.2178	.01275	2.2535	.16303	3.754	.05121
Stddev	.00488	.0107	.00009	.0063	.00062	.025	.00054
%RSD	.71885	.48007	.69393	.28059	.38187	.6688	1.0482

#1	.67577	2.2253	.01281	2.2580	.16259	3.737	.05159
#2	.68268	2.2103	.01269	2.2490	.16347	3.772	.05083

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5628.2	79065.	5831.4	97.378	3983.2
Stddev	9.6	124.	27.4	.946	16.3
%RSD	.17120	.15652	.46966	.97158	.40818

#1	5635.0	78978.	5812.0	98.047	3994.7
#2	5621.4	79153.	5850.8	96.709	3971.7

Sample Name: I4511-02 Acquired: 8/1/2017 18:49:57 Type: Unk
Method: P4-ICP2(v2119) 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	.04880	.01272	.07881	-.55398	-.00124	26.443	.29826	.00251
Stddev	.00097	.00255	.00148	.00831	.00148	.202	.00205	.00002
%RSD	1.9851	20.042	1.8784	1.4997	118.91	.76573	.68769	.93624

#1	.04812	.01453	.07776	-.55985	-.00228	26.586	.29971	.00252
#2	.04949	.01092	.07986	-.54810	-.00020	26.300	.29681	.00249

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00608	F 5124.4	.06671	.05280	.06886	132.61	5.7617	205.96
Stddev	.00026	17.7	.00047	.00022	.00089	.33	.0341	1.64
%RSD	4.2801	.34525	.70664	.41954	1.2974	.25119	.59261	.79641

#1	.00590	5136.9	.06705	.05264	.06950	132.84	5.7859	207.12
#2	.00627	5111.9	.06638	.05295	.06823	132.37	5.7376	204.80

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14665	.00654	2.3850	.05049	.25455	9.6869	.00127	.02908
Stddev	.00075	.00056	.0072	.00018	.00040	.0813	.00023	.00515
%RSD	.51453	8.6026	.30047	.35338	.15610	.83947	17.867	17.706

#1	.14612	.00615	2.3901	.05036	.25483	9.7444	.00111	.03272
#2	.14719	.00694	2.3799	.05062	.25427	9.6294	.00143	.02544

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.330	1.5776	-.00002	.00431	.25131	3.442	11.005
Stddev	.113	.0192	.00042	.00018	.00246	.016	.061
%RSD	.44663	1.2150	2067.4	4.0881	.98011	.4590	.55184

#1	25.250	1.5911	.00027	.00418	.25305	3.431	11.048
#2	25.410	1.5640	-.00031	.00443	.24957	3.453	10.962

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4246.8	66984.	5249.6	77.305	2581.0
Stddev	8.6	350.	35.2	.236	9.0
%RSD	.20162	.52212	.67107	.30541	.34956

#1	4252.8	66737.	5224.7	77.138	2587.3
#2	4240.7	67231.	5274.5	77.472	2574.6

Sample Name: I4522-01 Acquired: 8/1/2017 18:54:16 Type: Unk
Method: P4-ICP2(v2119) 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	.15100	.01300	6.9566	.02248	.03714	107.53	2.5612	.00977	.01924
Stddev	.00109	.00159	.0382	.00452	.00186	.97	.0078	.00010	.00057
%RSD	.71875	12.248	.54905	20.120	4.9957	.89760	.30592	.97725	2.9765

#1	.15177	.01413	6.9296	.01929	.03583	106.85	2.5557	.00984	.01964
#2	.15024	.01188	6.9836	.02568	.03845	108.21	2.5668	.00970	.01883

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1138.5	.14804	.11622	1.6559	387.58	6.2592	458.24	.31567	.03103
Stddev	4.7	.00195	.00071	.0004	10.23	.0790	4.01	.00128	.00087
%RSD	.41114	1.3182	.61394	.02569	2.6402	1.2625	.87508	.40590	2.7918

#1	1135.2	.14666	.11571	1.6556	380.34	6.2033	455.40	.31476	.03041
#2	1141.8	.14942	.11672	1.6562	394.81	6.3151	461.08	.31657	.03164

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	3.5415	.28652	4.0574	11.724	.01610	.04460	10.210	3.8686	.45445
Stddev	.0070	.00335	.1356	.036	.00025	.02213	.039	.0251	.00194
%RSD	.19776	1.1675	3.3422	.30554	1.5529	49.617	.37960	.64938	.42756

#1	3.5366	.28415	3.9615	11.698	.01593	.02895	10.182	3.8508	.45582
#2	3.5465	.28889	4.1532	11.749	.01628	.06025	10.237	3.8863	.45307

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	1.7841	.21403	7.593	1.4915
Stddev	.0026	.00180	.029	.0039
%RSD	.14379	.83870	.3782	.26100

#1	1.7859	.21276	7.572	1.4888
#2	1.7823	.21530	7.613	1.4943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4906.2	74272.	5649.8	85.460	3076.7
Stddev	5.3	727.	45.3	2.471	.4
%RSD	.10895	.97841	.80222	2.8914	.01329

#1	4902.4	74785.	5681.8	87.207	3076.4
#2	4910.0	73758.	5617.7	83.713	3077.0

Sample Name: CCV08 Acquired: 8/1/2017 18:58:28 Type: Unk
Method: P4-ICP2(v2119) 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	4.6639	4.7188	4.5824	4.7830	4.7499	9.9199	9.6231	.24309	2.3524
Stddev	.0400	.0435	.0358	.0263	.0411	.0152	.0261	.00068	.0204
%RSD	.85783	.92096	.78220	.54941	.86573	.15294	.27093	.27771	.86540

#1	4.6356	4.6881	4.5571	4.7644	4.7208	9.9306	9.6047	.24261	2.3380
#2	4.6921	4.7495	4.6078	4.8016	4.7790	9.9091	9.6415	.24356	2.3668

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.926	.95809	2.3119	1.1911	4.7714	2.4655	23.140	2.3975	1.1851
Stddev	.159	.00031	.0188	.0075	.1143	.0011	.206	.0182	.0008
%RSD	.66327	.03195	.81464	.63147	2.3948	.04279	.88847	.75966	.06929

#1	23.813	.95787	2.2986	1.1858	4.6906	2.4647	22.994	2.3846	1.1857
#2	24.038	.95831	2.3252	1.1964	4.8522	2.4662	23.285	2.4104	1.1845

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	23.469	2.4341	2.3657	24.172	4.7669	4.9306	4.8662	4.7402	4.7091
Stddev	.075	.0046	.0327	.013	.0294	.0101	.0390	.0133	.0346
%RSD	.31852	.18826	1.3808	.05409	.61596	.20541	.80170	.27943	.73512

#1	23.417	2.4308	2.3426	24.163	4.7462	4.9235	4.8386	4.7308	4.6846
#2	23.522	2.4373	2.3888	24.181	4.7877	4.9378	4.8938	4.7496	4.7336

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.7794	4.8627	5.076	4.8377
Stddev	.0112	.0125	.040	.0471
%RSD	.23364	.25706	.7929	.97418

#1	4.7715	4.8539	5.047	4.8044
#2	4.7873	4.8716	5.104	4.8710

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4801.3	66950.	4939.9	96.621	3938.4
Stddev	30.8	38.	21.2	1.462	34.2
%RSD	.64172	.05744	.42969	1.5129	.86913

#1	4823.1	66977.	4954.9	97.654	3962.6
#2	4779.5	66922.	4924.8	95.587	3914.2

Sample Name: LLCCV03 Acquired: 8/1/2017 19:02:35 Type: Unk
Method: P4-ICP2(v2119) 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	.02098	.03869	.01131	.01880	.04793	F .31460	.09782	.00605
Stddev	.00157	.00162	.00123	.00006	.00057	.00853	.00172	.00006
%RSD	7.4961	4.1975	10.845	.30742	1.1963	2.7129	1.7567	1.0669

#1	.02209	.03754	.01044	.01876	.04833	.30857	.09904	.00609
#2	.01987	.03984	.01217	.01884	.04752	.32064	.09661	.00600

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00585	1.9359	.00982	.02807	F .03333	.09501	.02171	1.9443
Stddev	.00000	.0150	.00026	.00032	.00040	.00387	.00006	.0380
%RSD	.05715	.77542	2.6804	1.1445	1.2001	4.0699	.26496	1.9539

#1	.00586	1.9465	.01001	.02784	.03305	.09228	.02175	1.9712
#2	.00585	1.9252	.00964	.02830	.03361	.09774	.02167	1.9175

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03905	.00974	2.3525	.03839	.03893	2.0653	.20607	.10118
Stddev	.00002	.00004	.0443	.00024	.00055	.0330	.00064	.01137
%RSD	.06121	.36601	1.8831	.62195	1.4047	1.5971	.31043	11.233

#1	.03906	.00971	2.3839	.03856	.03854	2.0886	.20562	.09315
#2	.03903	.00976	2.3212	.03822	.03931	2.0420	.20652	.10922

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.02486	.36714	.04136	.03955	.02431	.0205	.02432	
Stddev	.00037	.00242	.00038	.00117	.00089	.0007	.00023	
%RSD	1.4835	.65924	.92189	2.9571	3.6562	3.652	.94545	

#1	.02512	.36885	.04109	.04038	.02368	.0210	.02449	
#2	.02459	.36542	.04163	.03872	.02494	.0199	.02416	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4919.0	67126.	4987.2	99.642	4157.6			
Stddev	1.8	78.	42.6	1.275	7.7			
%RSD	.03707	.11609	.85472	1.2795	.18576			

#1	4917.7	67071.	4957.1	100.54	4152.1			
#2	4920.3	67181.	5017.3	98.740	4163.0			

Sample Name: CCB08 Acquired: 8/1/2017 19:06:47 Type: Unk
Method: P4-ICP2(v2119) 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	.00140	-.00039	.00032	.00104	-.00066	.00604	-.00087	.00000
Stddev	.00080	.00084	.00085	.00277	.00118	.00579	.00004	.0001
%RSD	56.822	212.76	261.73	266.25	179.64	95.782	4.3048	1150.2

#1	.00197	-.00099	.00092	-.00092	-.00150	.01013	-.00084	-.00004
#2	.00084	.00020	-.00028	.00300	.00018	.00195	-.00090	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00807	-.00085	-.00020	.00040	-.00298	.00063	.01250
Stddev	.00002	.00724	.00019	.00014	.00021	.00201	.00001	.03699
%RSD	63.861	89.638	21.999	68.486	51.551	67.509	1.7910	295.94

#1	-.00002	-.01319	-.00072	-.00029	.00025	-.00156	.00062	-.01366
#2	-.00005	-.00296	-.00098	-.00010	.00055	-.00440	.00064	.03866

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	.00007	.06749	-.00032	-.00102	.11012	-.00039	-.00573
Stddev	.00007	.00035	.01358	.00016	.00002	.01306	.00004	.00839
%RSD	25.796	490.76	20.130	49.630	1.8344	11.855	10.955	146.44

#1	-.00034	-.00018	.05788	-.00044	-.00101	.10089	-.00036	-.01166
#2	-.00023	.00032	.07709	-.00021	-.00104	.11936	-.00042	.00020

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00009	-.00210	.00069	.00205	.00284	-.0011	.00009	
Stddev	.00164	.00115	.00025	.00042	.00008	.0005	.00001	
%RSD	1744.5	54.469	36.460	20.567	2.9670	46.87	13.096	

#1	-.00106	-.00129	.00086	.00235	.00278	-.0007	.00008	
#2	.00125	-.00291	.00051	.00176	.00290	-.0014	.00010	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4999.5	68316.	5020.0	101.17	4172.2			
Stddev	31.8	542.	23.3	.31	24.2			
%RSD	.63699	.79350	.46436	.30606	.58030			

#1	4976.9	68699.	5003.5	101.38	4155.0			
#2	5022.0	67933.	5036.5	100.95	4189.3			

Sample Name: I4522-03 Acquired: 8/1/2017 19:11:02 Type: Unk
Method: P4-ICP2(v2119) 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	.32585	.01447	23.377	.05181	.72345	111.11	3.6450	.00761	.04056
Stddev	.00082	.00383	.003	.00338	.00064	.35	.0117	.00011	.00059
%RSD	.25079	26.471	.01170	6.5249	.08876	.31866	.32116	1.5028	1.4506

#1	.32527	.01717	23.375	.04942	.72299	111.36	3.6533	.00753	.04098
#2	.32643	.01176	23.379	.05420	.72390	110.86	3.6367	.00769	.04014

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	930.35	.32719	.13673	53.670	401.25	7.7306	375.36	.47375	.04749
Stddev	5.18	.00151	.00025	.038	4.40	.0147	1.36	.00012	.00044
%RSD	.55705	.46188	.18478	.07026	1.0973	.19056	.36259	.02524	.92926

#1	926.68	.32826	.13691	53.697	398.14	7.7410	376.33	.47367	.04718
#2	934.01	.32612	.13655	53.643	404.37	7.7201	374.40	.47384	.04780

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	2.3269	.32565	13.553	15.881	.02959	.05497	13.669	3.0556	5.7824
Stddev	.0016	.00187	.206	.015	.00000	.01213	.012	.0212	.0006
%RSD	.06716	.57399	1.5199	.09498	.00313	22.061	.08690	.69273	.01113

#1	2.3258	.32697	13.407	15.892	.02959	.04639	13.660	3.0706	5.7829
#2	2.3280	.32433	13.699	15.870	.02960	.06354	13.677	3.0407	5.7820

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	1.7457	.21749	9.248	1.4266
Stddev	.0010	.00033	.002	.0057
%RSD	.05956	.14990	.0246	.39935

#1	1.7450	.21772	9.249	1.4306
#2	1.7465	.21726	9.246	1.4226

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5021.5	77223.	5807.8	88.084	3307.3
Stddev	10.4	305.	9.5	1.222	4.5
%RSD	.20687	.39509	.16302	1.3871	.13469

#1	5014.2	77007.	5801.1	88.948	3304.1
#2	5028.9	77438.	5814.5	87.220	3310.4

Sample Name: I4497-04 Acquired: 8/1/2017 19:15:11 Type: Unk
Method: P4-ICP2(v2119) 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	-.00218	.00739	.00164	-.00040	.05783	.08514	-.00011
Stddev	.00002	.00045	.00099	.00057	.00033	.00321	.00063	.00000
%RSD	1.7591	20.569	13.437	34.388	82.072	5.5553	.74063	3.1185

#1	-.00109	-.00186	.00809	.00124	-.00064	.06010	.08559	-.00012
#2	-.00107	-.00249	.00669	.00204	-.00017	.05556	.08470	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	3.7208	.00033	-.00045	.06109	.04767	.01421	1.5855
Stddev	.00005	.0386	.00003	.00020	.00625	.00865	.00001	.0376
%RSD	116.38	1.0368	8.0503	44.359	10.232	18.141	.05998	2.3735

#1	-.00007	3.7480	.00034	-.00059	.06551	.05378	.01422	1.6121
#2	-.00001	3.6935	.00031	-.00031	.05667	.04155	.01421	1.5589

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	-.00012	292.85	.00025	.01661	.32177	-.00078	.02006
Stddev	.00036	.00021	6.28	.00030	.00061	.02557	.00015	.00043
%RSD	58.475	177.30	2.1458	120.15	3.6581	7.9473	19.598	2.1597

#1	.00087	-.00026	297.30	.00045	.01704	.30368	-.00067	.02037
#2	.00036	.00003	288.41	.00004	.01618	.33985	-.00089	.01976

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.07702	.41468	.00315	.00131	.00857	.0062	.01570	
Stddev	.00205	.00363	.00030	.00133	.00014	.0008	.00035	
%RSD	2.6610	.87532	9.6641	101.58	1.6598	12.67	2.2544	

#1	.07557	.41725	.00336	.00037	.00847	.0067	.01595	
#2	.07847	.41211	.00293	.00224	.00867	.0056	.01545	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5025.8	71126.	5097.9	102.28	4276.3			
Stddev	44.0	499.	42.3	.74	42.6			
%RSD	.87577	.70224	.82889	.72226	.99583			

#1	5056.9	70773.	5068.0	102.80	4306.4			
#2	4994.6	71479.	5127.7	101.76	4246.2			

Sample Name: I4497-08 Acquired: 8/1/2017 19:19:29 Type: Unk
Method: P4-ICP2(v2119) 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	-.00099	-.00301	.00548	.00114	-.00031	.05724	.05907	-.00014
Stddev	.00028	.00046	.00157	.00142	.00014	.00631	.00104	.00000
%RSD	28.320	15.106	28.645	125.13	45.943	11.031	1.7555	.39286

#1	-.00079	-.00269	.00658	.00013	-.00021	.05277	.05981	-.00014
#2	-.00119	-.00334	.00437	.00215	-.00042	.06170	.05834	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	3.8561	.00017	.00026	.02121	.04447	.05489	1.3170
Stddev	.00005	.0094	.00033	.00018	.00200	.00857	.00023	.0042
%RSD	39.705	.24321	201.60	69.691	9.4318	19.280	.41937	.31851

#1	-.00008	3.8627	-.00007	.00013	.02262	.05053	.05505	1.3199
#2	-.00015	3.8494	.00040	.00038	.01979	.03841	.05473	1.3140

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.00006	282.05	.00027	.01221	.33741	-.00108	.01124
Stddev	.00011	.00017	2.56	.00019	.00029	.01357	.00026	.00485
%RSD	21.114	276.85	.90591	72.444	2.3715	4.0204	23.792	43.166

#1	.00062	-.00018	283.85	.00013	.01242	.34700	-.00090	.01467
#2	.00046	.00006	280.24	.00041	.01201	.32782	-.00127	.00781

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.18592	.32863	.00179	.00357	.00957	.0035	.01476	
Stddev	.00033	.00226	.00073	.00091	.00175	.0004	.00000	
%RSD	.17886	.68839	40.832	25.652	18.258	10.01	.02152	

#1	.18568	.33023	.00231	.00421	.00833	.0033	.01475	
#2	.18615	.32703	.00127	.00292	.01080	.0038	.01476	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5197.4	72693.	5126.3	103.18	4434.6			
Stddev	2.1	463.	28.3	1.00	9.5			
%RSD	.03974	.63728	.55244	.96980	.21478			

#1	5198.9	72365.	5106.2	102.48	4441.3			
#2	5196.0	73020.	5146.3	103.89	4427.9			

Sample Name: I4497-12 Acquired: 8/1/2017 19:23:49 Type: Unk
Method: P4-ICP2(v2119) 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	-.00155	-.00233	.00084	.00089	-.00032	.02721	.07043	-.00010
Stddev	.00115	.00066	.00098	.00076	.00014	.00237	.00056	.00000
%RSD	74.081	28.262	116.75	85.398	43.754	8.7115	.79983	3.1868
#1	-.00236	-.00186	.00154	.00035	-.00022	.02553	.07083	-.00010
#2	-.00074	-.00280	.00015	.00143	-.00042	.02889	.07004	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	3.1665	.00024	.00063	.01484	.00598	.17743	.57404
Stddev	.00006	.0344	.00072	.00000	.00071	.00633	.00046	.00780
%RSD	162.75	1.0873	301.28	.46210	4.8146	105.85	.25941	1.3593
#1	-.00008	3.1908	-.00027	.00063	.01535	.00150	.17776	.56852
#2	.00001	3.1421	.00075	.00064	.01434	.01045	.17711	.57956
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	-.00049	254.53	.00020	.01078	.42540	-.00095	.01076
Stddev	.00022	.00004	1.24	.00025	.00020	.02155	.00016	.00783
%RSD	29.762	7.3391	.48543	124.70	1.8516	5.0657	16.674	72.727
#1	.00060	-.00052	255.40	.00002	.01064	.44064	-.00084	.00523
#2	.00091	-.00047	253.66	.00037	.01092	.41017	-.00106	.01630
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.17527	.16266	.00172	.00027	.00941	.0032	.01354	
Stddev	.00428	.00193	.00017	.00100	.00182	.0013	.00015	
%RSD	2.4394	1.1862	10.096	372.17	19.333	40.59	1.1252	
#1	.17225	.16403	.00160	-.00044	.00812	.0042	.01364	
#2	.17830	.16130	.00184	.00097	.01069	.0023	.01343	
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5122.0	72851.	5144.0	102.31	4359.1			
Stddev	17.6	182.	38.0	1.20	26.3			
%RSD	.34340	.24924	.73805	1.1708	.60285			
#1	5134.4	72723.	5117.2	103.16	4377.7			
#2	5109.6	72980.	5170.9	101.46	4340.5			

Sample Name: I4511-03 Acquired: 8/1/2017 19:28:08 Type: Unk
Method: P4-ICP2(v2119) 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	-.00056	-.00227	-.00021	-.01548	-.00240	-.04084	.09177	-.00015
Stddev	.00095	.00074	.00090	.00001	.00031	.01383	.00202	.00004
%RSD	170.15	32.605	434.28	.07454	12.861	33.864	2.1992	23.118

#1	-.00123	-.00174	-.00084	-.01547	-.00261	-.03106	.09320	-.00018
#2	.00011	-.00279	.00043	-.01549	-.00218	-.05062	.09034	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	166.73	-.00012	.00205	.00826	-.00543	.05714	2.6361
Stddev	.00003	1.90	.00008	.00006	.00041	.00472	.00015	.0302
%RSD	14.786	1.1408	68.091	2.7897	5.0018	86.884	.26580	1.1459

#1	-.00025	168.08	-.00006	.00209	.00855	-.00209	.05725	2.6575
#2	-.00020	165.39	-.00018	.00201	.00796	-.00877	.05703	2.6147

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00421	-.00022	293.92	-.00001	.00412	.80826	-.00077	.00156
Stddev	.00020	.00015	9.09	.00007	.00009	.00563	.00001	.00276
%RSD	4.8072	66.586	3.0939	688.84	2.0838	.69619	1.0924	176.61

#1	.00407	-.00032	300.35	.00004	.00418	.80428	-.00076	.00351
#2	.00435	-.00012	287.49	-.00006	.00406	.81224	-.00078	-.00039

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.21686	.22851	.00132	-.00544	.01561	.0032	.33831	
Stddev	.00240	.00492	.00040	.00035	.00159	.0005	.00389	
%RSD	1.1057	2.1538	30.348	6.4995	10.178	15.05	1.1486	

#1	.21855	.23199	.00161	-.00519	.01449	.0029	.34105	
#2	.21516	.22503	.00104	-.00569	.01673	.0036	.33556	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4865.1	70584.	4988.8	99.682	4119.4			
Stddev	.8	454.	84.6	1.754	2.2			
%RSD	.01651	.64318	1.6951	1.7591	.05320			

#1	4865.6	70263.	4929.0	98.442	4121.0			
#2	4864.5	70905.	5048.6	100.92	4117.9			

Sample Name: I4456-01 Acquired: 8/1/2017 19:32:29 Type: Unk
Method: P4-ICP2(v2119) 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	.09569	.01231	3.5928	-.20785	.02344	62.520	.84503	.00391
Stddev	.00026	.00460	.0034	.00224	.00138	.359	.00272	.00012
%RSD	.27157	37.365	.09438	1.0799	5.9004	.57457	.32211	3.0552

#1	.09588	.01556	3.5952	-.20626	.02247	62.266	.84695	.00382
#2	.09551	.00906	3.5904	-.20943	.02442	62.774	.84310	.00399

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02234	2208.2	.15307	.05100	.43543	138.81	7.1141	1015.0
Stddev	.00001	5.7	.00225	.00044	.00034	2.02	.1924	1.3
%RSD	.05915	.25637	1.4674	.87040	.07747	1.4579	2.7049	.12564

#1	.02233	2204.2	.15148	.05069	.43519	140.24	6.9780	1014.1
#2	.02235	2212.3	.15465	.05131	.43566	137.38	7.2501	1015.9

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24009	.01452	3.0984	.12753	6.8448	10.118	.00412	.06648
Stddev	.00093	.00010	.0171	.00272	.0904	.027	.00015	.00300
%RSD	.38939	.66366	.55072	2.1368	1.3205	.26369	3.5323	4.5180

#1	.24075	.01445	3.0863	.12560	6.9087	10.099	.00422	.06860
#2	.23943	.01459	3.1104	.12945	6.7809	10.137	.00401	.06435

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	20.011	2.4901	.20329	1.2610	.17336	4.485	2.5888	
Stddev	.081	.0473	.00065	.0056	.00127	.031	.0116	
%RSD	.40546	1.8996	.31850	.44527	.73533	.7007	.44686	

#1	20.068	2.4566	.20283	1.2570	.17246	4.507	2.5970	
#2	19.953	2.5235	.20375	1.2649	.17427	4.463	2.5807	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4588.0	70989.	5321.4	82.839	3067.3			
Stddev	7.2	623.	26.0	.815	2.8			
%RSD	.15631	.87794	.48817	.98399	.09136			

#1	4593.1	71429.	5339.8	82.263	3065.4			
#2	4582.9	70548.	5303.0	83.416	3069.3			

Sample Name: I4456-02 Acquired: 8/1/2017 19:36:42 Type: Unk
Method: P4-ICP2(v2119) 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	.08205	.01080	1.7396	.05500	.00662	132.43	1.5571	.00582	.00705
Stddev	.00037	.00005	.0123	.00202	.00005	1.05	.0034	.00008	.00059
%RSD	.44513	.44798	.70420	3.6653	.80678	.78954	.21892	1.3633	8.3397

#1	.08230	.01084	1.7309	.05642	.00659	131.69	1.5595	.00588	.00663
#2	.08179	.01077	1.7482	.05357	.00666	133.17	1.5547	.00576	.00747

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	566.13	.16840	.13134	1.1919	308.82	8.1499	135.62	.31666	.02463
Stddev	4.24	.00050	.00103	.0078	3.44	.0234	.02	.00374	.00074
%RSD	.74968	.29758	.78450	.65521	1.1143	.28686	.01392	1.1808	2.9994

#1	569.13	.16804	.13061	1.1864	311.25	8.1334	135.63	.31402	.02515
#2	563.13	.16875	.13207	1.1974	306.39	8.1664	135.61	.31931	.02411

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	1.2105	.26492	2.8347	16.908	.00408	.04396	21.218	3.0863	.73333
Stddev	.0068	.00079	.0442	.017	.00005	.01016	.162	.0270	.00810
%RSD	.56005	.29934	1.5593	.09968	1.2418	23.121	.76241	.87370	1.1046

#1	1.2057	.26436	2.8660	16.920	.00412	.05114	21.104	3.1053	.72761
#2	1.2153	.26548	2.8035	16.896	.00404	.03677	21.333	3.0672	.73906

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	1.0232	.27288	11.40	.84265
Stddev	.0018	.00182	.09	.00008
%RSD	.17323	.66680	.8278	.00955

#1	1.0219	.27416	11.34	.84270
#2	1.0244	.27159	11.47	.84259

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5913.5	87097.	6443.8	94.202	3689.3
Stddev	9.9	299.	45.1	1.644	17.9
%RSD	.16768	.34310	.70030	1.7448	.48554

#1	5920.5	87309.	6411.9	93.039	3702.0
#2	5906.5	86886.	6475.7	95.364	3676.7

Sample Name: I4456-03 Acquired: 8/1/2017 19:40:59 Type: Unk
Method: P4-ICP2(v2119) 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	.34818	.02217	1.6803	.02906	.01323	89.849	1.6528	.00721	.01198
Stddev	.00123	.00016	.0146	.00198	.00023	.243	.0143	.00006	.00000
%RSD	.35190	.70722	.87103	6.8062	1.7382	.27051	.86447	.87310	.02811

#1	.34905	.02206	1.6907	.03045	.01306	90.021	1.6629	.00726	.01197
#2	.34731	.02228	1.6700	.02766	.01339	89.677	1.6427	.00717	.01198

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	895.86	.12527	.09735	.68816	206.99	6.1051	144.23	.23887	.01708
Stddev	9.51	.00014	.00049	.00091	3.32	.0186	.59	.00105	.00085
%RSD	1.0620	.10847	.49868	.13215	1.6057	.30445	.41166	.43813	4.9858

#1	902.59	.12536	.09770	.68881	209.34	6.0919	144.65	.23961	.01768
#2	889.13	.12517	.09701	.68752	204.64	6.1182	143.81	.23813	.01648

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	5.2279	.28092	2.9623	11.560	.02571	.09577	12.636	1.8184	.07797
Stddev	.0273	.00138	.0542	.054	.00008	.00308	.091	.0085	.00080
%RSD	.52179	.49022	1.8302	.46911	.31516	3.2146	.71677	.46830	1.0313

#1	5.2471	.28189	3.0007	11.599	.02577	.09795	12.700	1.8244	.07854
#2	5.2086	.27994	2.9240	11.522	.02565	.09359	12.572	1.8124	.07740

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	1.1951	.33915	7.482	6.0730
Stddev	.0101	.00405	.049	.0683
%RSD	.84417	1.1947	.6573	1.1251

#1	1.2023	.34201	7.516	6.1213
#2	1.1880	.33628	7.447	6.0247

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5688.0	84098.	6160.7	91.546	3616.8
Stddev	17.0	59.	34.5	1.544	20.2
%RSD	.29876	.07055	.55968	1.6866	.55747

#1	5676.0	84056.	6136.3	90.454	3602.5
#2	5700.0	84140.	6185.1	92.638	3631.0

Sample Name: I4456-04 Acquired: 8/1/2017 19:45:18 Type: Unk
Method: P4-ICP2(v2119) 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	.00143	.00137	-.00109	-.00048	.00056	-.00623	-.00640	-.00025
Stddev	.00000	.00051	.00041	.00018	.00070	.00176	.00020	.00000
%RSD	.16925	37.382	37.665	36.998	125.06	28.223	3.1712	1.8509

#1	.00143	.00173	-.00080	-.00036	.00106	-.00747	-.00626	-.00024
#2	.00143	.00101	-.00139	-.00061	.00007	-.00498	-.00655	-.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00642	-.00064	-.00115	-.00044	-.02323	-.00015	.03883
Stddev	.00001	.00022	.00019	.00002	.00002	.00306	.00002	.00523
%RSD	8.5695	3.4416	30.492	1.4929	3.9457	13.185	11.780	13.468

#1	-.00012	.00626	-.00077	-.00116	-.00045	-.02539	-.00014	.03514
#2	-.00010	.00657	-.00050	-.00114	-.00042	-.02106	-.00017	.04253

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	-.00057	.00343	.00072	-.00094	.08975	-.00114	-.00606
Stddev	.00012	.00005	.00491	.00003	.00002	.01390	.00005	.00845
%RSD	26.984	9.0961	143.10	3.5862	2.4448	15.486	4.6107	139.34

#1	-.00037	-.00061	-.00004	.00070	-.00096	.07992	-.00110	-.01204
#2	-.00054	-.00054	.00690	.00074	-.00093	.09957	-.00117	-.00009

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00273	-.08347	-.00027	.00034	-.00418	-.0043	.00011	
Stddev	.00107	.00188	.00011	.00101	.00008	.0003	.00002	
%RSD	39.283	2.2519	39.189	293.23	1.9869	7.464	19.137	

#1	-.00197	-.08214	-.00035	-.00037	-.00424	-.0041	.00013	
#2	-.00349	-.08480	-.00020	.00106	-.00412	-.0045	.00010	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	11391.	158070.	8870.4	182.98	9886.7			
Stddev	529.	435.	463.5	10.35	422.0			
%RSD	4.6450	.27507	5.2248	5.6564	4.2688			

#1	11765.	158380.	8542.6	175.66	10185.			
#2	11017.	157770.	9198.1	190.30	9588.2			

Sample Name: I4456-05 Acquired: 8/1/2017 19:49:35 Type: Unk
Method: P4-ICP2(v2119) 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	.00131	.00164	-.00137	-.00057	.00078	-.00807	-.00695	-.00032
Stddev	.00026	.00037	.00041	.00052	.00054	.00059	.00012	.00001
%RSD	19.832	22.830	29.703	90.696	69.907	7.3656	1.6567	2.9651

#1	.00149	.00190	-.00108	-.00094	.00116	-.00849	-.00703	-.00031
#2	.00113	.00137	-.00166	-.00021	.00039	-.00765	-.00687	-.00033

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.01017	-.00069	-.00105	-.00054	-.02388	-.00020	.03134
Stddev	.00004	.00937	.00004	.00001	.00006	.00096	.00004	.00427
%RSD	61.699	92.102	5.2785	1.4267	10.347	4.0156	20.490	13.640

#1	-.00010	-.00355	-.00067	-.00104	-.00057	-.02320	-.00023	.02832
#2	-.00004	-.01680	-.00072	-.00106	-.00050	-.02455	-.00017	.03436

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	-.00060	.00126	.00065	-.00098	.08486	-.00119	-.00575
Stddev	.00008	.00012	.00527	.00011	.00000	.00607	.00001	.00254
%RSD	17.962	20.839	417.46	17.393	.33860	7.1565	.55488	44.116

#1	-.00051	-.00069	-.00247	.00057	-.00098	.08057	-.00118	-.00754
#2	-.00040	-.00051	.00499	.00073	-.00097	.08915	-.00119	-.00396

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00378	-.09136	-.00019	.00083	-.00575	-.0036	.00011	
Stddev	.00029	.00082	.00025	.00013	.00034	.0002	.00003	
%RSD	7.7700	.90027	132.13	15.205	5.8656	6.462	29.164	

#1	-.00358	-.09078	-.00001	.00092	-.00598	-.0037	.00009	
#2	-.00399	-.09194	-.00036	.00074	-.00551	-.0034	.00013	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	11605.	157080.	9056.5	185.77	10145.			
Stddev	133.	2052.	132.8	4.07	107.			
%RSD	1.1433	1.3061	1.4660	2.1920	1.0533			

#1	11699.	158530.	9150.4	188.65	10220.			
#2	11511.	155630.	8962.7	182.89	10069.			

Sample Name: CCV09 Acquired: 8/1/2017 19:53:49 Type: Unk
Method: P4-ICP2(v2119) 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	F .00140	F .00124	F -.00147	F -.00156	F .00088	F -.01130	F -.00691
Stddev	.00047	.00053	.00020	.00107	.00050	.00469	.00003
%RSD	33.690	43.136	13.601	68.897	56.335	41.543	.40425

#1	.00107	.00161	-.00161	-.00080	.00053	-.01462	-.00693
#2	.00174	.00086	-.00133	-.00232	.00123	-.00798	-.00689

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.00034	F -.00009	F .00169	F -.00074	F -.00104	F -.00055	F -.02271
Stddev	.00002	.00001	.00204	.00004	.00007	.00002	.00019
%RSD	5.2289	10.569	121.00	5.1545	6.9520	3.7577	.81924

#1	-.00033	-.00010	.00024	-.00072	-.00099	-.00054	-.02257
#2	-.00036	-.00008	.00313	-.00077	-.00109	-.00057	-.02284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.00024	F .03934	F -.00045	F -.00057	F -.00589	F .00064	F -.00102
Stddev	.00001	.01127	.00014	.00040	.00369	.00031	.00001
%RSD	2.9457	28.658	30.740	69.433	62.615	49.019	.97479

#1	-.00024	.04731	-.00036	-.00085	-.00328	.00086	-.00101
#2	-.00023	.03137	-.00055	-.00029	-.00849	.00042	-.00103

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .07352	F -.00130	F -.00566	F -.00340	F -.09042	F -.00020	F .00139
Stddev	.00721	.00003	.00132	.00017	.00019	.00003	.00063
%RSD	9.8024	2.2512	23.389	4.8888	.20997	15.098	45.036

#1	.07861	-.00128	-.00473	-.00351	-.09056	-.00022	.00095
#2	.06842	-.00132	-.00660	-.00328	-.09029	-.00018	.00184

Elem	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm
Avg	F -.00528	F -.0034	F .00007
Stddev	.00010	.0004	.00007
%RSD	1.8201	12.13	100.41

#1	-.00535	-.0037	.00002
#2	-.00521	-.0031	.00012

Sample Name: CCV09 Acquired: 8/1/2017 19:53:49 Type: Unk
 Method: P4-ICP2(v2119) 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	11608.	154890.	9043.7	187.91	10160.
Stddev	35.	263.	57.6	2.29	55.
%RSD	.30140	.16961	.63691	1.2194	.54545
#1	11583.	154710.	9084.4	189.53	10121.
#2	11633.	155080.	9003.0	186.29	10199.

Sample Name: LLCCV04 Acquired: 8/1/2017 19:58:03 Type: Unk
Method: P4-ICP2(v2119) 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	F .00110	F .00098	F -.00111	F -.00006	F .00001	F -.00988	F -.00673
Stddev	.00036	.00016	.00019	.00051	.00064	.00330	.00031
%RSD	32.379	16.219	16.924	866.25	6113.3	33.438	4.6443

#1	.00085	.00110	-.00098	.00030	.00046	-.00755	-.00695
#2	.00135	.00087	-.00125	-.00042	-.00044	-.01222	-.00651

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.00032	F -.00012	F -.00416	F -.00044	F -.00107	F -.00075	F -.02323
Stddev	.00002	.00001	.00031	.00008	.00007	.00010	.00022
%RSD	5.9211	4.6520	7.4821	19.231	6.6237	13.936	.96075

#1	-.00033	-.00011	-.00438	-.00049	-.00102	-.00082	-.02308
#2	-.00031	-.00012	-.00394	-.00038	-.00112	-.00067	-.02339

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.00025	F .03232	F -.00039	F -.00077	F -.00976	F .00050	F -.00101
Stddev	.00004	.00278	.00006	.00003	.00084	.00008	.00005
%RSD	14.248	8.6156	14.753	3.6357	8.5770	16.318	5.4273

#1	-.00027	.03429	-.00043	-.00079	-.00917	.00044	-.00105
#2	-.00022	.03035	-.00035	-.00075	-.01035	.00056	-.00097

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .09977	F -.00122	F -.00782	F -.00469	F -.09087	F -.00026	F .00064
Stddev	.02230	.00013	.00079	.00045	.00076	.00006	.00119
%RSD	22.352	10.408	10.114	9.5329	.83926	21.672	186.77

#1	.08400	-.00131	-.00838	-.00437	-.09141	-.00022	-.00021
#2	.11553	-.00113	-.00726	-.00500	-.09033	-.00030	.00148

Elem	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm
Avg	F -.00667	F -.0034	F .00008
Stddev	.00153	.0008	.00000
%RSD	22.907	22.35	2.2972

#1	-.00775	-.0039	.00008
#2	-.00559	-.0029	.00008

Sample Name: LLCCV04 Acquired: 8/1/2017 19:58:03 Type: Unk
Method: P4-ICP2(v2119) 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	11517.	158010.	8840.7	182.24	10089.
Stddev	113.	686.	153.8	3.50	111.
%RSD	.97982	.43420	1.7398	1.9217	1.1011
#1	11437.	157520.	8731.9	179.77	10010.
#2	11597.	158490.	8949.4	184.72	10167.

Sample Name: CCB09 Acquired: 8/1/2017 20:02:19 Type: Unk

Method: P4-ICP2(v2119) 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	.00079	.00063	-.00149	-.00123	.00065	-.01003	-.00658	-.00036
Stddev	.00009	.00019	.00034	.00005	.00059	.00407	.00011	.00001
%RSD	11.566	29.402	22.627	4.2674	90.440	40.546	1.6447	3.8436

#1	.00073	.00077	-.00173	-.00119	.00024	-.01291	-.00650	-.00035
#2	.00086	.00050	-.00125	-.00127	.00107	-.00716	-.00665	-.00037

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00484	-.00066	-.00106	-.00077	-.02219	-.00022	.02172
Stddev	.00002	.00154	.00020	.00013	.00022	.00244	.00002	.01989
%RSD	24.221	31.759	30.262	12.142	28.366	11.010	9.2207	91.548

#1	-.00007	-.00593	-.00052	-.00115	-.00062	-.02046	-.00021	.00766
#2	-.00009	-.00376	-.00080	-.00097	-.00092	-.02391	-.00024	.03579

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	-.00075	-.00841	.00051	-.00100	.09814	-.00125	-.00637
Stddev	.00020	.00022	.00679	.00015	.00008	.00491	.00004	.00341
%RSD	38.040	29.569	80.707	30.437	8.3151	4.9985	3.2708	53.522

#1	-.00039	-.00060	-.01321	.00062	-.00094	.10160	-.00128	-.00396
#2	-.00067	-.00091	-.00361	.00040	-.00106	.09467	-.00122	-.00879

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00362	-.09211	-.00033	.00075	-.00512	-.0034	.00007	
Stddev	.00037	.00050	.00038	.00018	.00074	.0003	.00004	
%RSD	10.097	.54496	115.23	24.225	14.520	8.915	53.421	

#1	-.00388	-.09246	-.00006	.00088	-.00460	-.0036	.00004	
#2	-.00336	-.09175	-.00060	.00062	-.00565	-.0032	.00009	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	11563.	155720.	9216.1	188.81	10195.			
Stddev	22.	3221.	44.3	.63	25.			
%RSD	.18682	2.0687	.48022	.33594	.24889			

#1	11578.	157990.	9247.4	189.26	10213.			
#2	11547.	153440.	9184.8	188.37	10177.			

Sample Name: I4456-06 Acquired: 8/1/2017 20:06:34 Type: Unk
Method: P4-ICP2(v2119) 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	.00128	.00134	-.00142	-.00083	.00009	-.01420	-.00676	-.00033
Stddev	.00044	.00016	.00037	.00045	.00017	.00158	.00003	.00001
%RSD	34.698	12.166	26.240	54.550	179.76	11.111	.38712	3.1014

#1	.00159	.00145	-.00116	-.00051	.00021	-.01308	-.00675	-.00034
#2	.00096	.00122	-.00169	-.00115	-.00003	-.01532	-.00678	-.00032

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00029	-.00057	-.00106	-.00063	-.02711	-.00021	.03011
Stddev	.00001	.00207	.00025	.00009	.00006	.00046	.00000	.00163
%RSD	6.7020	717.95	43.422	8.7601	9.4448	1.6959	.64379	5.4061

#1	-.00009	.00118	-.00039	-.00112	-.00059	-.02679	-.00021	.03126
#2	-.00008	-.00175	-.00074	-.00099	-.00068	-.02744	-.00021	.02896

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	-.00060	-.00161	.00056	-.00103	.08283	-.00126	-.00261
Stddev	.00005	.00014	.00258	.00003	.00001	.00173	.00004	.00454
%RSD	6.9920	24.121	160.30	6.1022	1.3970	2.0847	3.4257	173.84

#1	-.00070	-.00070	-.00343	.00058	-.00104	.08406	-.00122	.00060
#2	-.00063	-.00050	.00021	.00053	-.00102	.08161	-.00129	-.00583

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00382	-.09234	-.00045	.00155	-.00547	-.0036	.00007	
Stddev	.00036	.00040	.00012	.00015	.00016	.0002	.00003	
%RSD	9.4858	.43061	26.399	9.8564	2.9392	4.769	47.348	

#1	-.00408	-.09206	-.00036	.00166	-.00559	-.0037	.00005	
#2	-.00356	-.09262	-.00053	.00145	-.00536	-.0035	.00010	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	11583.	157830.	8925.6	185.72	10222.			
Stddev	53.	1420.	150.5	5.01	50.			
%RSD	.46145	.89974	1.6863	2.6958	.48593			

#1	11545.	156830.	8819.2	182.18	10187.			
#2	11621.	158840.	9032.0	189.26	10257.			

Sample Name: I4456-07 Acquired: 8/1/2017 20:10:49 Type: Unk
Method: P4-ICP2(v2119) 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	.00142	.00147	-.00134	-.00084	.00120	-.00699	-.00656	-.00032
Stddev	.00003	.00027	.00023	.00082	.00005	.00163	.00000	.00002
%RSD	2.1090	18.220	16.973	97.399	4.2969	23.304	.03064	7.0159

#1	.00144	.00128	-.00118	-.00142	.00124	-.00584	-.00656	-.00033
#2	.00140	.00166	-.00151	-.00026	.00116	-.00814	-.00657	-.00030

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00221	-.00068	-.00104	-.00058	-.02777	-.00024	.04012
Stddev	.00001	.00957	.00024	.00000	.00028	.00136	.00001	.00540
%RSD	7.3930	432.88	34.661	.22712	47.276	4.8913	2.7982	13.464

#1	-.00009	.00898	-.00052	-.00105	-.00039	-.02681	-.00024	.03630
#2	-.00008	-.00456	-.00085	-.00104	-.00078	-.02873	-.00025	.04394

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	-.00076	-.00789	.00067	-.00100	.08176	-.00124	-.00153
Stddev	.00001	.00031	.00640	.00002	.00002	.00144	.00014	.00267
%RSD	2.3934	41.093	81.191	2.8340	1.8706	1.7650	11.280	173.91

#1	-.00047	-.00098	-.00336	.00066	-.00099	.08278	-.00134	-.00342
#2	-.00046	-.00054	-.01241	.00069	-.00101	.08074	-.00114	.00035

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00367	-.09142	-.00016	.00102	-.00598	-.0034	.00006	
Stddev	.00123	.00097	.00008	.00006	.00069	.0001	.00007	
%RSD	33.458	1.0604	51.756	6.0093	11.552	3.117	130.35	

#1	-.00280	-.09210	-.00010	.00106	-.00647	-.0034	.00011	
#2	-.00453	-.09073	-.00022	.00098	-.00549	-.0035	.00000	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	11602.	152020.	9000.2	185.31	10225.			
Stddev	81.	6799.	12.4	1.99	82.			
%RSD	.70091	4.4725	.13808	1.0718	.80222			

#1	11545.	147210.	9008.9	186.71	10167.			
#2	11660.	156830.	8991.4	183.91	10283.			

Sample Name: I4456-08 Acquired: 8/1/2017 20:15:04 Type: Unk
Method: P4-ICP2(v2119) 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	.00092	.00127	-.00126	-.00113	.00079	-.00809	-.00674	-.00034
Stddev	.00015	.00057	.00037	.00041	.00038	.00613	.00018	.00003
%RSD	15.939	44.796	29.152	36.511	48.197	75.766	2.7090	8.6306

#1	.00103	.00168	-.00152	-.00084	.00052	-.01242	-.00687	-.00036
#2	.00082	.00087	-.00100	-.00142	.00107	-.00376	-.00661	-.00032

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00411	-.00082	-.00114	-.00054	-.02175	-.00019	.03470
Stddev	.00003	.00560	.00000	.00004	.00025	.00447	.00001	.01373
%RSD	29.858	136.20	.16537	3.9424	45.707	20.557	7.7066	39.557

#1	-.00014	-.00015	-.00082	-.00117	-.00072	-.01859	-.00018	.02500
#2	-.00009	-.00807	-.00082	-.00111	-.00037	-.02492	-.00020	.04441

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	-.00089	-.00757	.00052	-.00105	.09052	-.00124	-.00283
Stddev	.00010	.00007	.00920	.00013	.00001	.01897	.00011	.00287
%RSD	20.415	8.2662	121.47	24.196	.97795	20.961	8.9352	101.25

#1	-.00057	-.00095	-.01408	.00061	-.00105	.07710	-.00131	-.00080
#2	-.00043	-.00084	-.00107	.00043	-.00104	.10393	-.00116	-.00486

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00365	-.09219	-.00015	.00185	-.00481	-.0040	.00006	
Stddev	.00038	.00184	.00009	.00070	.00009	.0003	.00006	
%RSD	10.268	1.9922	59.158	37.968	1.9578	8.774	113.38	

#1	-.00392	-.09349	-.00022	.00234	-.00475	-.0037	.00010	
#2	-.00339	-.09090	-.00009	.00135	-.00488	-.0042	.00001	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	11634.	157320.	9079.5	186.76	10273.			
Stddev	23.	1380.	47.1	2.20	35.			
%RSD	.20127	.87726	.51865	1.1757	.33623			

#1	11651.	156340.	9112.8	188.32	10298.			
#2	11618.	158290.	9046.2	185.21	10249.			

Sample Name: I4456-09 Acquired: 8/1/2017 20:19:19 Type: Unk
Method: P4-ICP2(v2119) 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	.00129	.00146	-.00114	.00002	.00035	-.00762	-.00678	-.00031
Stddev	.00030	.00025	.00013	.00002	.00024	.00577	.00008	.00001
%RSD	23.244	17.253	11.700	78.940	67.683	75.671	1.2281	3.1394

#1	.00108	.00164	-.00124	.00001	.00052	-.00354	-.00683	-.00030
#2	.00150	.00128	-.00105	.00003	.00019	-.01170	-.00672	-.00032

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00119	-.00076	-.00113	-.00062	-.02647	-.00023	.02599
Stddev	.00002	.00917	.00023	.00013	.00022	.00287	.00002	.01063
%RSD	15.494	768.76	29.869	11.511	34.845	10.857	8.6212	40.893

#1	-.00010	-.00767	-.00091	-.00122	-.00047	-.02851	-.00022	.01847
#2	-.00012	.00529	-.00060	-.00103	-.00077	-.02444	-.00024	.03350

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	-.00092	-.00499	.00061	-.00101	.08122	-.00120	-.00338
Stddev	.00011	.00003	.00599	.00007	.00004	.00165	.00012	.00108
%RSD	26.184	3.7476	120.22	11.245	4.0968	2.0337	9.6724	31.872

#1	-.00035	-.00090	-.00922	.00066	-.00104	.08239	-.00128	-.00414
#2	-.00050	-.00094	-.00075	.00056	-.00098	.08005	-.00112	-.00262

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00400	-.09084	-.00038	-.00033	-.00532	-.0038	.00010	
Stddev	.00035	.00174	.00008	.00115	.00048	.0007	.00001	
%RSD	8.6405	1.9119	20.504	353.85	8.9364	17.91	5.4461	

#1	-.00425	-.08961	-.00032	.00049	-.00565	-.0043	.00010	
#2	-.00376	-.09206	-.00043	-.00114	-.00498	-.0033	.00011	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	11566.	158850.	9120.5	189.23	10216.			
Stddev	50.	707.	23.3	.80	26.			
%RSD	.42916	.44528	.25600	.42271	.25320			

#1	11601.	159350.	9137.0	188.67	10234.			
#2	11531.	158350.	9104.0	189.80	10197.			

Sample Name: I4456-10 Acquired: 8/1/2017 20:23:33 Type: Unk
Method: P4-ICP2(v2119) 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	.00116	.00113	-.00117	-.00012	.00035	-.00369	-.00671	-.00031
Stddev	.00005	.00007	.00042	.00043	.00009	.00484	.00031	.00001
%RSD	4.1279	6.1853	36.430	349.56	26.014	131.18	4.6837	2.6125

#1	.00119	.00108	-.00087	-.00043	.00029	-.00027	-.00649	-.00031
#2	.00112	.00118	-.00147	.00018	.00042	-.00711	-.00693	-.00030

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00119	-.00079	-.00104	-.00078	-.02561	-.00024	.02866
Stddev	.00001	.00599	.00024	.00002	.00022	.00222	.00002	.00857
%RSD	11.752	503.44	29.860	1.6807	27.893	8.6634	6.9766	29.885

#1	-.00006	.00543	-.00063	-.00103	-.00093	-.02404	-.00023	.03472
#2	-.00007	-.00305	-.00096	-.00105	-.00062	-.02717	-.00026	.02261

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00064	-.00054	-.01000	.00056	-.00098	.07226	-.00124	-.00835
Stddev	.00005	.00019	.00822	.00011	.00004	.00345	.00016	.00145
%RSD	7.6207	35.966	82.114	20.187	3.9107	4.7791	13.016	17.376

#1	-.00061	-.00040	-.01581	.00048	-.00095	.07470	-.00135	-.00732
#2	-.00068	-.00067	-.00420	.00064	-.00101	.06982	-.00112	-.00937

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00401	-.09151	-.00031	.00042	-.00558	-.0037	.00008	
Stddev	.00048	.00094	.00025	.00012	.00177	.0003	.00001	
%RSD	12.101	1.0221	82.606	29.424	31.627	6.955	15.556	

#1	-.00435	-.09085	-.00013	.00034	-.00683	-.0039	.00007	
#2	-.00366	-.09217	-.00049	.00051	-.00433	-.0035	.00009	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	11566.	156800.	8913.6	185.06	10232.			
Stddev	71.	3986.	265.2	5.54	42.			
%RSD	.61584	2.5419	2.9751	2.9922	.40804			

#1	11617.	159620.	8726.1	181.14	10262.			
#2	11516.	153980.	9101.2	188.97	10202.			

Sample Name: I4456-11 Acquired: 8/1/2017 20:27:49 Type: Unk
Method: P4-ICP2(v2119) 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	.00073	.00113	-.00117	.00002	.00121	-.00689	-.00691	-.00033
Stddev	.00011	.00019	.00023	.00059	.00016	.00284	.00012	.00001
%RSD	14.541	16.795	19.445	2618.6	13.210	41.272	1.7107	2.2697

#1	.00081	.00127	-.00101	.00044	.00109	-.00488	-.00699	-.00033
#2	.00066	.00100	-.00133	-.00039	.00132	-.00890	-.00682	-.00034

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00043	-.00076	-.00110	-.00051	-.02354	-.00022	.02555
Stddev	.00005	.00019	.00008	.00004	.00009	.00161	.00000	.02504
%RSD	55.874	44.040	10.645	3.3797	17.001	6.8535	2.1270	98.002

#1	-.00012	.00030	-.00082	-.00113	-.00045	-.02240	-.00023	.00785
#2	-.00005	.00057	-.00071	-.00107	-.00058	-.02469	-.00022	.04326

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	-.00069	-.00580	.00043	-.00097	.09671	-.00122	-.00611
Stddev	.00034	.00008	.00270	.00011	.00001	.00360	.00005	.00038
%RSD	78.480	11.999	46.485	24.894	1.2998	3.7237	4.1273	6.2606

#1	-.00067	-.00075	-.00390	.00036	-.00098	.09416	-.00125	-.00584
#2	-.00019	-.00063	-.00771	.00051	-.00096	.09926	-.00118	-.00638

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00358	-.09166	-.00016	.00040	-.00652	-.0035	.00009	
Stddev	.00127	.00030	.00010	.00024	.00172	.0001	.00001	
%RSD	35.442	.32610	63.352	59.847	26.324	3.004	10.799	

#1	-.00448	-.09145	-.00023	.00057	-.00531	-.0035	.00010	
#2	-.00268	-.09187	-.00009	.00023	-.00773	-.0034	.00008	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	11387.	155590.	9009.4	186.95	10127.			
Stddev	132.	594.	21.8	1.33	126.			
%RSD	1.1615	.38158	.24168	.71014	1.2410			

#1	11294.	155170.	9024.8	187.89	10038.			
#2	11481.	156010.	8994.0	186.01	10216.			

Sample Name: I4456-12 Acquired: 8/1/2017 20:32:04 Type: Unk
Method: P4-ICP2(v2119) 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	.00126	.00160	-.00121	-.00082	.00080	-.00482	-.00658	-.00034
Stddev	.00048	.00015	.00030	.00002	.00054	.00411	.00010	.00000
%RSD	38.207	9.1584	24.777	2.9808	66.942	85.294	1.5725	.19854

#1	.00092	.00171	-.00142	-.00081	.00042	-.00191	-.00651	-.00034
#2	.00160	.00150	-.00099	-.00084	.00118	-.00773	-.00666	-.00034

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00077	-.00057	-.00108	-.00057	-.02746	-.00021	.03180
Stddev	.00000	.00484	.00006	.00004	.00012	.00689	.00001	.00918
%RSD	1.4789	629.69	10.406	3.5115	20.270	25.093	4.6919	28.886

#1	-.00008	-.00419	-.00061	-.00105	-.00049	-.03233	-.00021	.03829
#2	-.00008	.00265	-.00053	-.00110	-.00065	-.02259	-.00022	.02530

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	-.00080	-.00657	.00059	-.00105	.09387	-.00123	-.00250
Stddev	.00015	.00004	.00060	.00005	.00007	.01146	.00002	.00366
%RSD	25.305	5.3535	9.1212	8.5957	6.5715	12.206	1.9447	146.04

#1	-.00069	-.00077	-.00699	.00063	-.00100	.08577	-.00125	-.00509
#2	-.00048	-.00083	-.00615	.00056	-.00110	.10197	-.00121	.00008

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00385	-.09095	-.00013	.00065	-.00582	-.0036	.00003	
Stddev	.00089	.00077	.00011	.00121	.00069	.0003	.00008	
%RSD	23.186	.84652	84.309	186.43	11.781	8.673	248.87	

#1	-.00322	-.09040	-.00005	-.00021	-.00630	-.0038	.00009	
#2	-.00448	-.09149	-.00021	.00150	-.00533	-.0034	-.00002	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	11483.	159260.	8953.0	186.90	10229.			
Stddev	146.	3722.	16.8	.12	134.			
%RSD	1.2739	2.3371	.18806	.06168	1.3078			

#1	11586.	161900.	8964.9	186.82	10324.			
#2	11380.	156630.	8941.1	186.98	10135.			

Sample Name: I4522-02 Acquired: 8/1/2017 20:36:18 Type: Unk
Method: P4-ICP2(v2119) 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	.00170	.00139	-.00109	-.00110	.00102	-.01279	-.00684	-.00035
Stddev	.00080	.00006	.00024	.00045	.00045	.00110	.00001	.00000
%RSD	46.861	4.2401	22.119	40.456	44.209	8.6207	.09191	.61955

#1	.00226	.00135	-.00092	-.00079	.00133	-.01357	-.00683	-.00035
#2	.00114	.00143	-.00126	-.00142	.00070	-.01201	-.00684	-.00035

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00230	-.00066	-.00104	-.00069	-.02651	-.00025	.03955
Stddev	.00000	.00955	.00002	.00007	.00004	.00191	.00001	.01692
%RSD	4.2174	415.22	2.4281	7.0965	5.6625	7.2004	1.9957	42.783

#1	-.00009	-.00906	-.00065	-.00109	-.00066	-.02786	-.00025	.02758
#2	-.00010	.00445	-.00067	-.00099	-.00072	-.02516	-.00025	.05151

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	-.00072	-.01122	.00056	-.00096	.08939	-.00119	-.00586
Stddev	.00001	.00007	.00287	.00001	.00003	.00032	.00004	.00223
%RSD	3.8350	9.6957	25.578	1.4329	3.6205	.35490	3.3545	37.982

#1	-.00038	-.00077	-.01324	.00056	-.00094	.08961	-.00122	-.00744
#2	-.00036	-.00067	-.00919	.00057	-.00098	.08916	-.00116	-.00429

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00375	-.09129	-.00023	.00028	-.00535	-.0039	.00011	
Stddev	.00097	.00036	.00010	.00087	.00029	.0000	.00006	
%RSD	25.866	.39739	42.016	305.16	5.4054	.9222	51.593	

#1	-.00444	-.09104	-.00016	-.00033	-.00515	-.0039	.00015	
#2	-.00306	-.09155	-.00030	.00090	-.00556	-.0038	.00007	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	11473.	154900.	8870.2	182.94	10192.			
Stddev	116.	55.	373.8	7.26	91.			
%RSD	1.0119	.03525	4.2139	3.9709	.89333			

#1	11391.	154940.	8605.9	177.80	10127.			
#2	11555.	154860.	9134.5	188.08	10256.			

Sample Name: CCV10 Acquired: 8/1/2017 20:40:33 Type: Unk
Method: P4-ICP2(v2119) 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	F .00092	F .00125	F -.00133	F -.00109	F .00078	F -.00781	F -.00685
Stddev	.00044	.00020	.00014	.00080	.00013	.00174	.00030
%RSD	48.157	16.362	10.154	73.389	16.588	22.326	4.4510

#1	.00061	.00111	-.00143	-.00165	.00087	-.00658	-.00707
#2	.00123	.00140	-.00123	-.00052	.00069	-.00905	-.00663

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.00034	F -.00011	F -.00064	F -.00046	F -.00102	F -.00074	F -.02415
Stddev	.00001	.00003	.01087	.00004	.00011	.00012	.00096
%RSD	4.0128	29.256	1702.9	7.6578	10.723	16.112	3.9856

#1	-.00035	-.00009	-.00833	-.00044	-.00094	-.00065	-.02483
#2	-.00033	-.00013	.00705	-.00049	-.00109	-.00082	-.02347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.00026	F .03572	F -.00042	F -.00058	F -.01134	F .00061	F -.00098
Stddev	.00003	.00559	.00011	.00022	.00236	.00020	.00007
%RSD	10.820	15.656	25.972	38.465	20.793	32.449	7.0052

#1	-.00024	.03177	-.00034	-.00074	-.01301	.00047	-.00103
#2	-.00028	.03967	-.00050	-.00042	-.00968	.00075	-.00093

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .06486	F -.00125	F -.00366	F -.00406	F -.09112	F .00003	F .00057
Stddev	.01981	.00004	.00157	.00018	.00197	.00035	.00088
%RSD	30.540	3.5867	42.965	4.3811	2.1581	1053.6	156.20

#1	.07886	-.00128	-.00478	-.00418	-.09251	-.00021	.00119
#2	.05085	-.00122	-.00255	-.00393	-.08973	.00028	-.00006

Elem	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm
Avg	F -.00493	F -.0037	F .00008
Stddev	.00001	.0004	.00000
%RSD	.21443	10.13	3.0236

#1	-.00492	-.0035	.00008
#2	-.00494	-.0040	.00008

Sample Name: CCV10 Acquired: 8/1/2017 20:40:33 Type: Unk
 Method: P4-ICP2(v2119) 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	11660.	160250.	8986.3	184.56	10354.
Stddev	45.	432.	370.1	6.37	35.
%RSD	.38794	.26985	4.1184	3.4504	.33755
#1	11628.	160560.	9248.0	189.07	10329.
#2	11692.	159950.	8724.6	180.06	10379.

Sample Name: LLCCV05 Acquired: 8/1/2017 20:44:47 Type: Unk
Method: P4-ICP2(v2119) 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	F .00157	F .00195	F -.00128	F .00008	F .00059	F -.00699	F -.00664
Stddev	.00047	.00094	.00001	.00054	.00044	.00080	.00019
%RSD	30.002	48.157	.69858	711.95	74.413	11.442	2.7916

#1	.00124	.00261	-.00129	.00046	.00091	-.00642	-.00677
#2	.00190	.00128	-.00128	-.00031	.00028	-.00755	-.00650

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.00035	F -.00008	F -.00289	F -.00062	F -.00105	F -.00075	F -.02028
Stddev	.00000	.00001	.00038	.00001	.00008	.00014	.00109
%RSD	.97456	9.6314	13.335	1.8259	7.4631	19.170	5.3854

#1	-.00036	-.00008	-.00316	-.00061	-.00111	-.00065	-.02106
#2	-.00035	-.00009	-.00261	-.00063	-.00100	-.00086	-.01951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.00023	F .02620	F -.00056	F -.00063	F -.02079	F .00051	F -.00099
Stddev	.00000	.01679	.00001	.00015	.00192	.00025	.00002
%RSD	.71580	64.089	.93429	23.914	9.2576	48.282	1.8984

#1	-.00023	.01433	-.00057	-.00052	-.01943	.00068	-.00101
#2	-.00023	.03807	-.00056	-.00073	-.02215	.00034	-.00098

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .09452	F -.00122	F -.00575	F -.00384	F -.09311	F -.00012	F .00046
Stddev	.00557	.00007	.00104	.00058	.00052	.00025	.00045
%RSD	5.8933	5.3528	18.106	15.190	.56165	207.61	97.373

#1	.09846	-.00126	-.00501	-.00425	-.09348	-.00030	.00078
#2	.09058	-.00117	-.00649	-.00342	-.09274	.00006	.00014

Elem	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm
Avg	F -.00607	F -.0034	F .00002
Stddev	.00015	.0003	.00008
%RSD	2.4295	8.277	363.71

#1	-.00597	-.0036	-.00003
#2	-.00618	-.0032	.00008

Sample Name: LLCCV05 Acquired: 8/1/2017 20:44:47 Type: Unk
Method: P4-ICP2(v2119) 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	11585.	158900.	9183.7	189.45	10325.
Stddev	28.	1375.	41.4	.81	26.
%RSD	.24287	.86546	.45073	.42915	.25062
#1	11565.	157930.	9213.0	188.87	10307.
#2	11605.	159870.	9154.5	190.02	10343.

Sample Name: CCB10 Acquired: 8/1/2017 20:49:02 Type: Unk

Method: P4-ICP2(v2119) 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	.00111	.00107	-.00121	-.00086	.00064	-.00673	-.00661	-.00033
Stddev	.00016	.00003	.00031	.00056	.00008	.00114	.00047	.00004
%RSD	14.589	3.1252	25.483	65.473	12.829	16.935	7.1386	13.251

#1	.00100	.00110	-.00143	-.00125	.00058	-.00753	-.00695	-.00030
#2	.00123	.00105	-.00100	-.00046	.00070	-.00592	-.00628	-.00036

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00067	-.00070	-.00113	-.00061	-.02331	-.00022	.02139
Stddev	.00002	.00104	.00007	.00006	.00008	.00108	.00002	.00022
%RSD	30.736	155.23	10.124	5.5770	13.527	4.6530	8.6311	1.0207

#1	-.00010	.00007	-.00065	-.00118	-.00067	-.02254	-.00023	.02124
#2	-.00006	-.00141	-.00075	-.00109	-.00056	-.02407	-.00021	.02154

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	-.00087	-.01545	.00043	-.00105	.08027	-.00130	-.00494
Stddev	.00009	.00030	.00083	.00017	.00005	.00011	.00002	.00491
%RSD	17.944	34.632	5.3769	38.891	4.9195	.13379	1.5924	99.406

#1	-.00045	-.00066	-.01604	.00054	-.00109	.08034	-.00128	-.00840
#2	-.00058	-.00109	-.01486	.00031	-.00102	.08019	-.00131	-.00147

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00412	-.09301	-.00032	.00031	-.00614	-.0037	.00004	
Stddev	.00020	.00012	.00012	.00059	.00016	.0002	.00006	
%RSD	4.8513	.13061	39.076	194.19	2.5465	4.200	161.67	

#1	-.00398	-.09309	-.00023	-.00011	-.00625	-.0038	.00008	
#2	-.00427	-.09292	-.00040	.00073	-.00603	-.0036	-.00001	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	11757.	159790.	9221.2	189.94	10459.			
Stddev	146.	811.	187.0	2.28	126.			
%RSD	1.2389	.50780	2.0277	1.2007	1.2028			

#1	11654.	160360.	9353.4	191.55	10370.			
#2	11860.	159210.	9089.0	188.33	10548.			