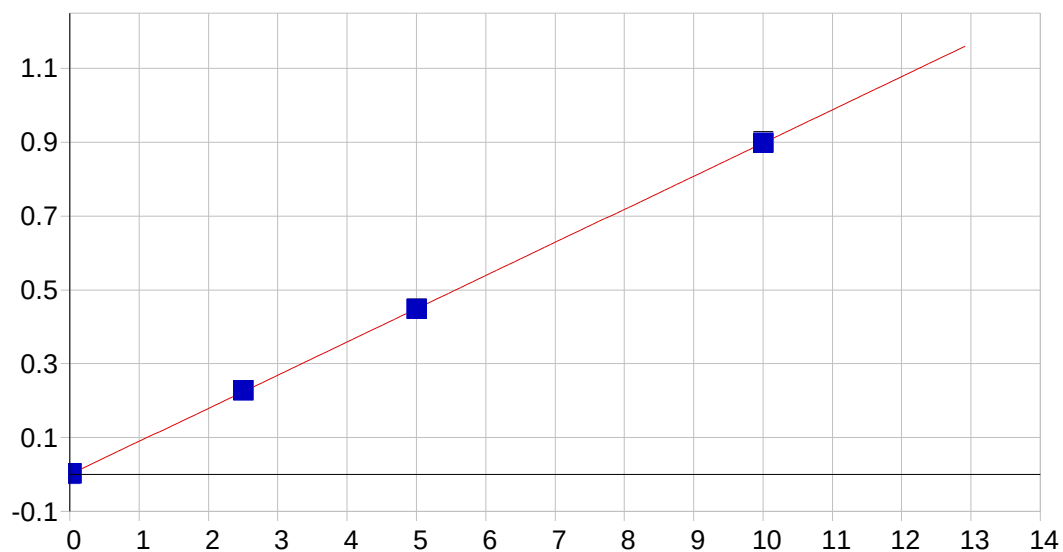




As 189.042 {478}

Date of Fit: 8/3/2017 10:35:47

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000253

Re-Slope: 1.000000

A1 (Gain): 0.089839

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999990

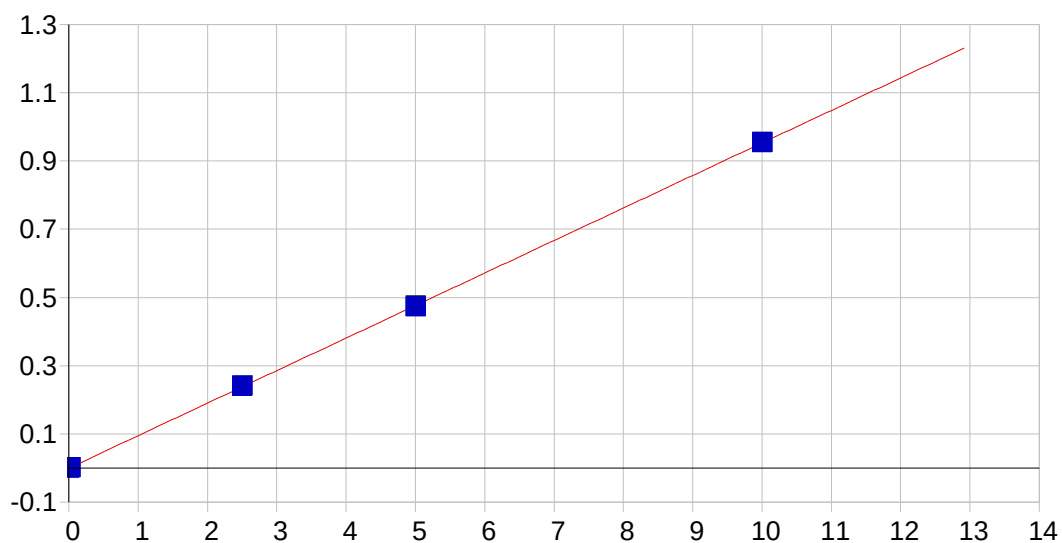
Status: OK.

Std Error of Est: 0.000010

Predicted MDL: 0.002509

Predicted MQL: 0.008362

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.02000	.01984	.000	-.786	.00156	.000	1
S3	2.5000	2.5258	.026	1.03	.22697	.000	1
S4	5.0000	4.9786	-.021	-.427	.44764	.000	1
S5	10.000	9.9957	-.004	-.043	.89899	.002	1

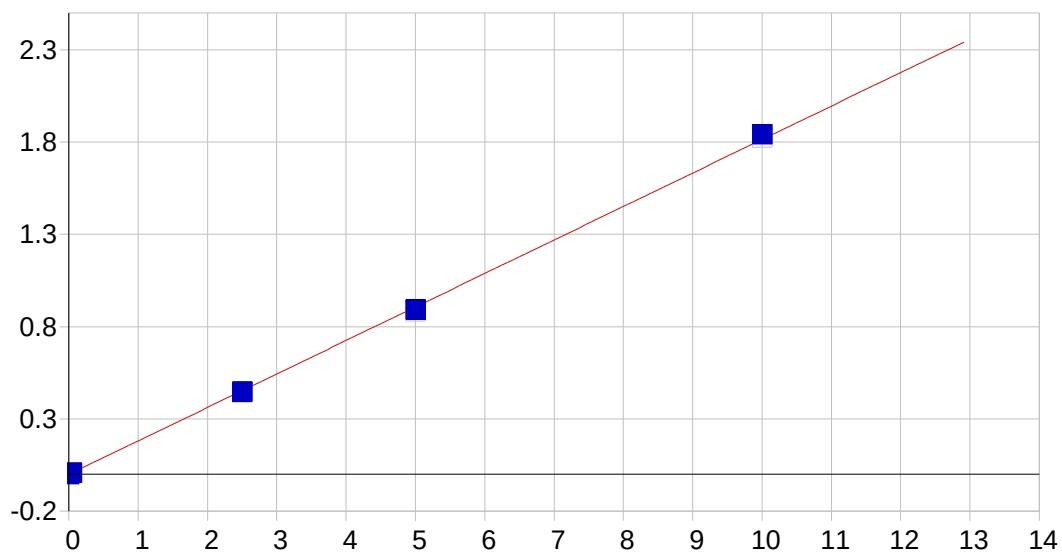


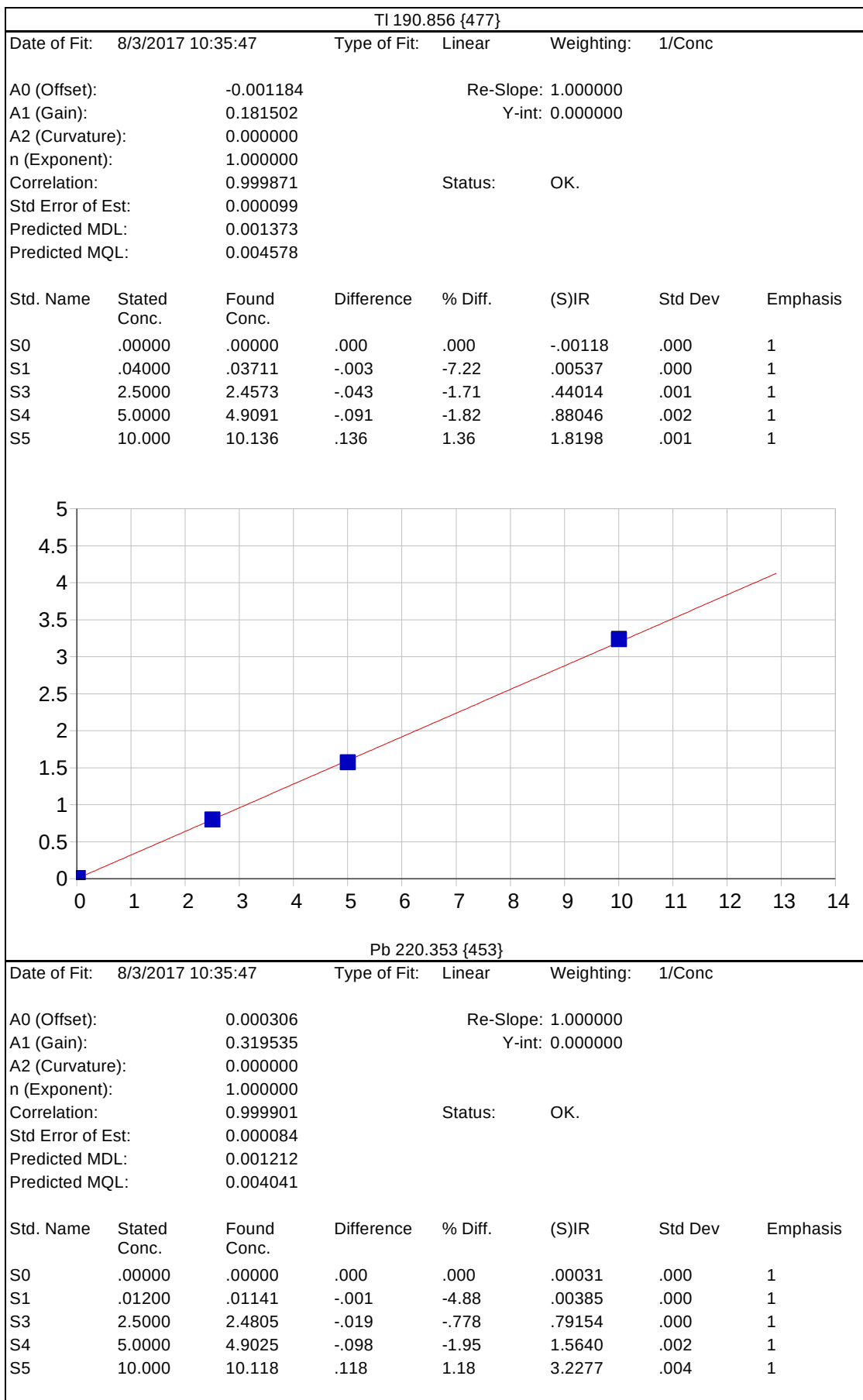
As 189.042 {479}

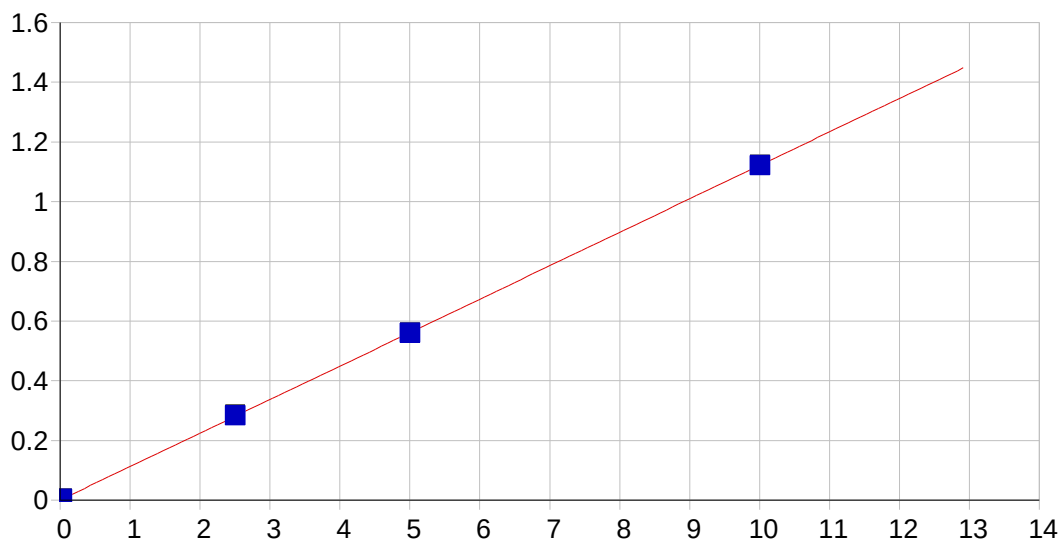
Date of Fit: 8/3/2017 10:35:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000497 Re-Slope: 1.000000
 A1 (Gain): 0.095337 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.001891
 Predicted MQL: 0.006303

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00050	.000	1
S1	.02000	.02073	.001	3.63	.00151	.000	1
S3	2.5000	2.5224	.022	.894	.24031	.001	1
S4	5.0000	4.9693	-.031	-.613	.47392	.001	1
S5	10.000	10.008	.008	.076	.95491	.000	1





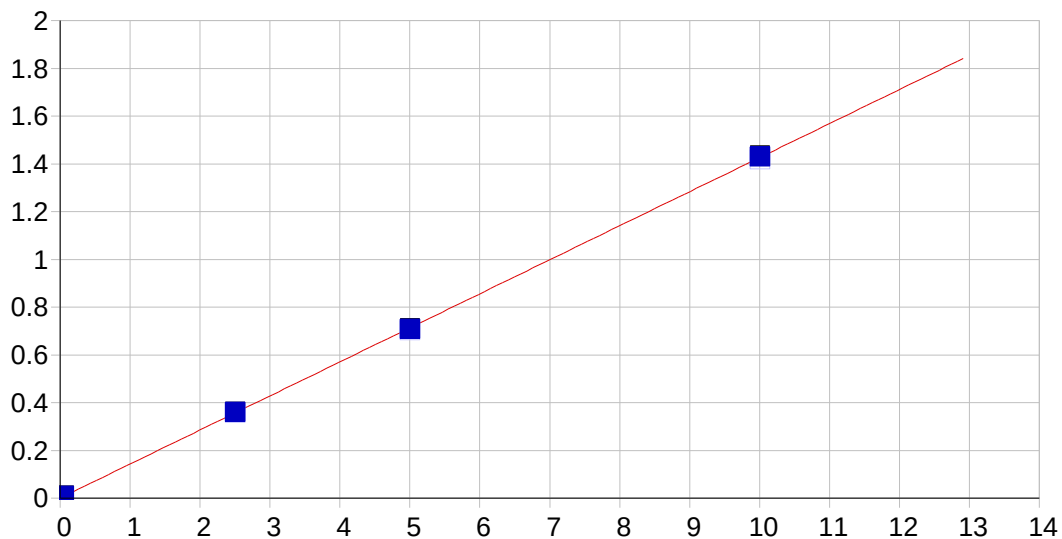


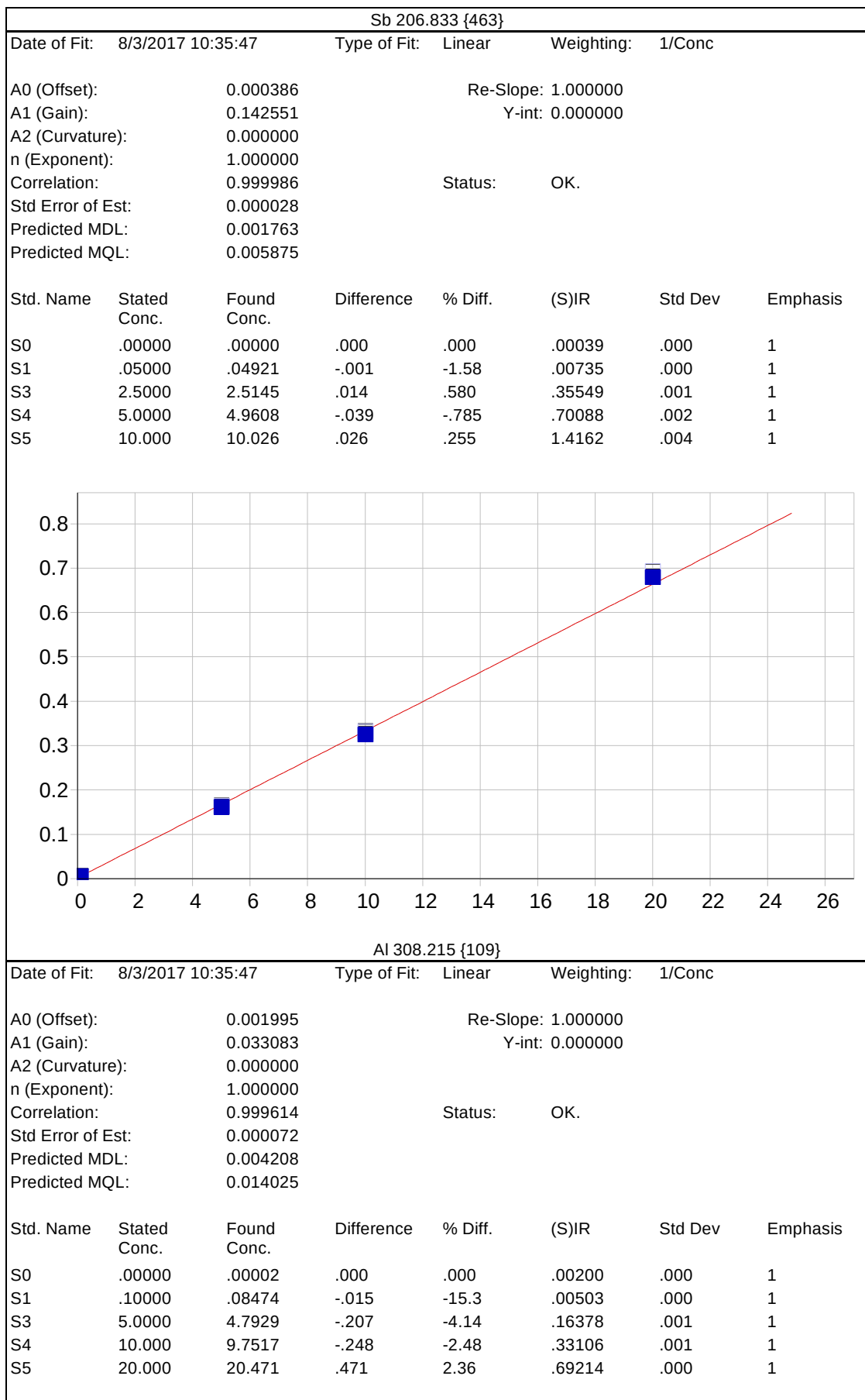
Se 196.090 {472}

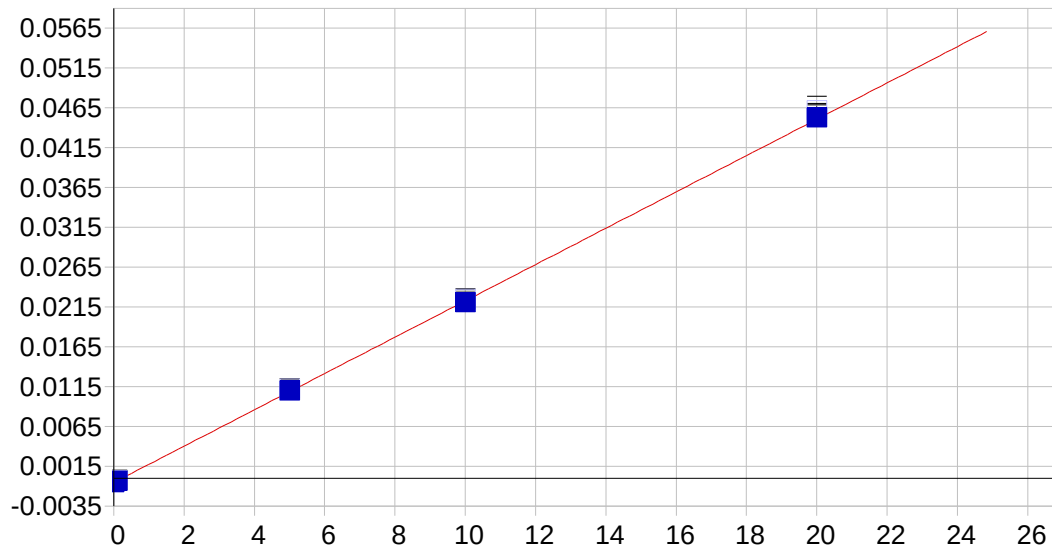
Date of Fit: 8/3/2017 10:35:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000471 Re-Slope: 1.000000
 A1 (Gain): 0.112099 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.002076
 Predicted MQL: 0.006920

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00047	.000	1
S1	.02000	.02042	.000	2.10	.00276	.000	1
S3	2.5000	2.5195	.020	.781	.28307	.001	1
S4	5.0000	4.9825	-.018	-.350	.55933	.001	1
S5	10.000	9.9976	-.002	-.024	1.1218	.001	1



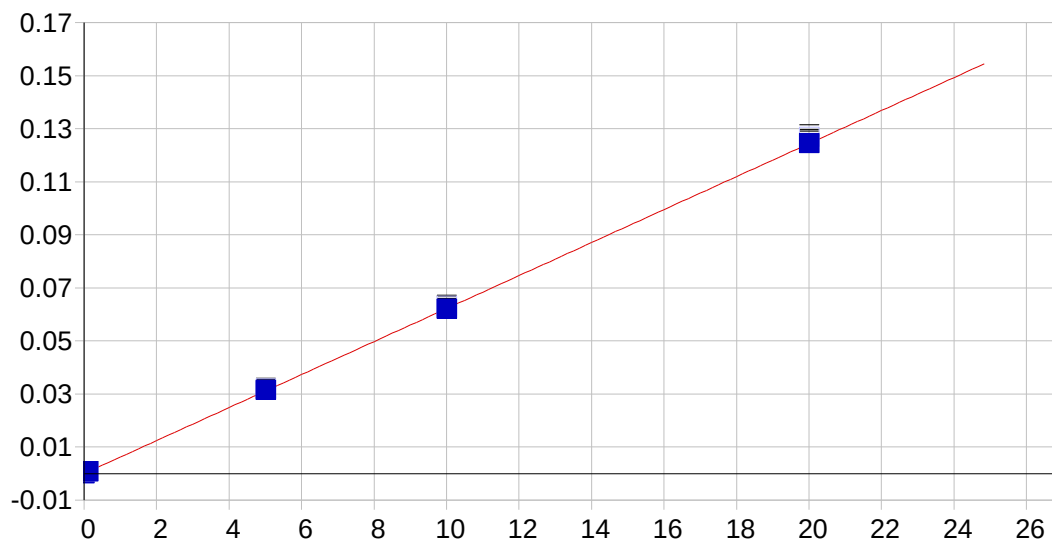


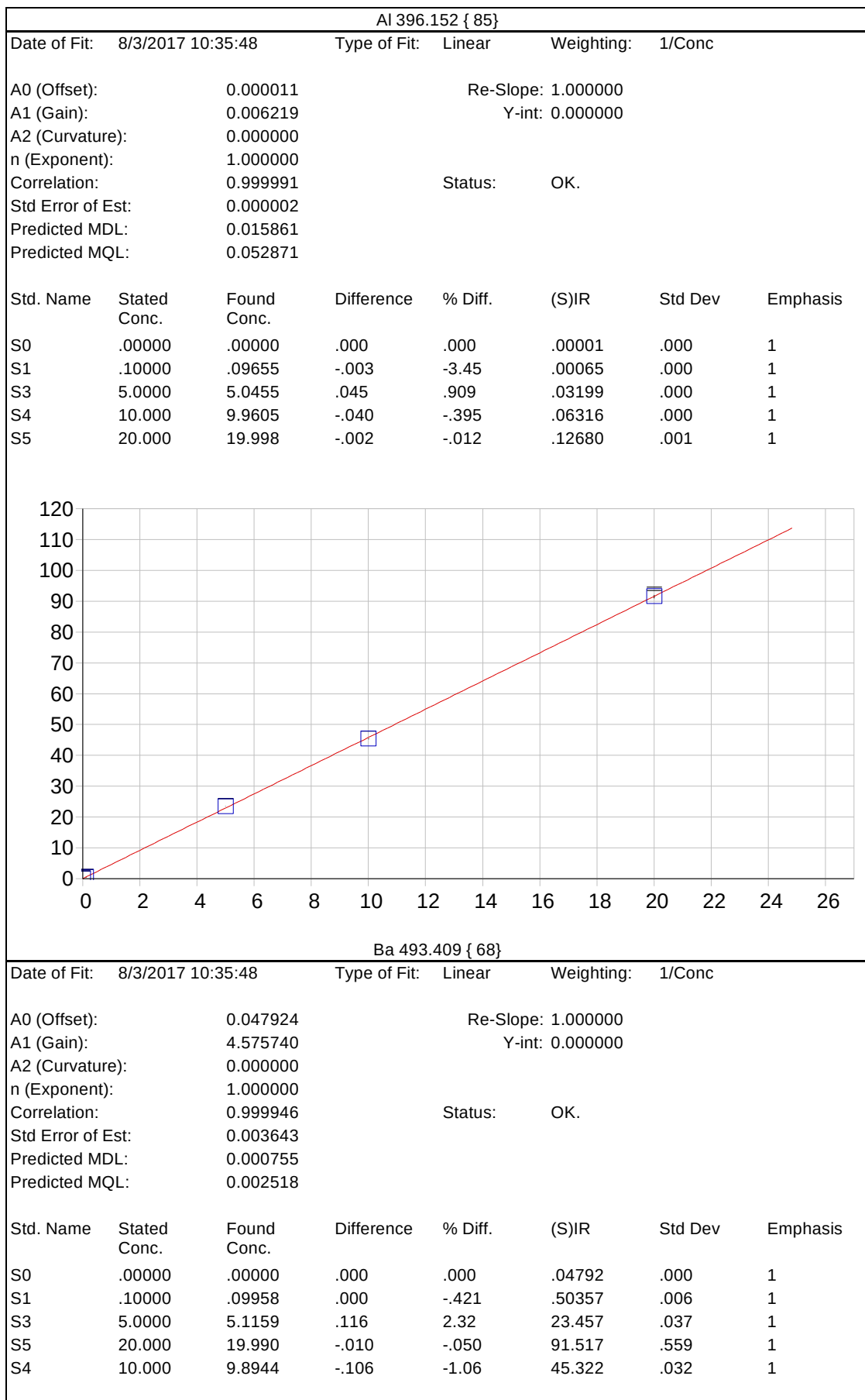


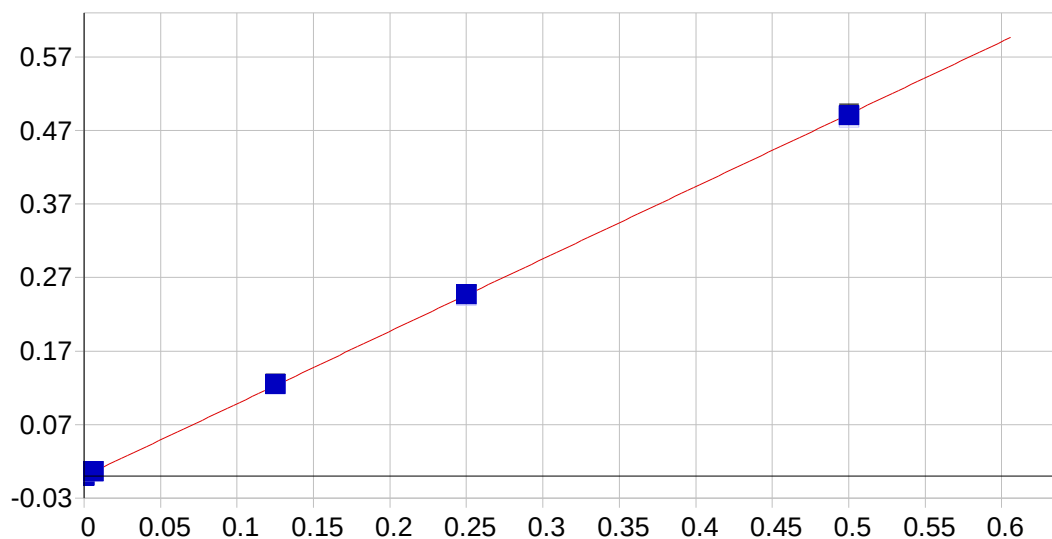
Date of Fit: 8/3/2017 10:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000528 Re-Slope: 1.000000
 A1 (Gain): 0.002280 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.030828
 Predicted MQL: 0.102759

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00053	.000	1
S1	.10000	.08120	-.019	-18.8	-.00033	.000	1
S3	5.0000	5.0393	.039	.785	.01118	.000	1
S4	10.000	9.8955	-.105	-1.05	.02248	.000	1
S5	20.000	20.085	.085	.425	.04616	.001	1







Be 234.861 {144}

Date of Fit: 8/3/2017 10:35:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000022

Re-Slope: 1.000000

A1 (Gain): 0.984377

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999982

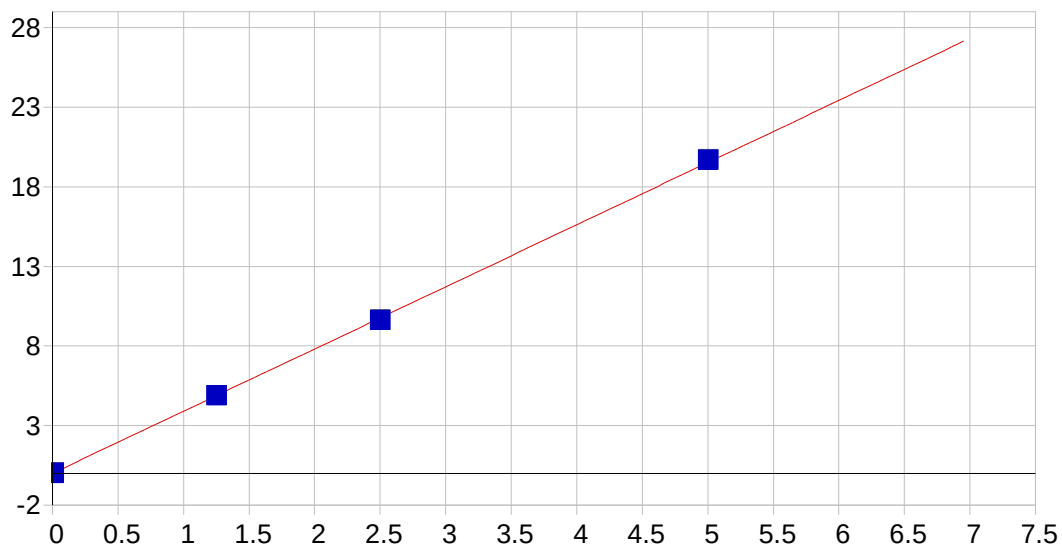
Status: OK.

Std Error of Est: 0.000017

Predicted MDL: 0.000069

Predicted MQL: 0.000229

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.00600	.00613	.000	2.17	.00600	.000	1
S3	.12500	.12653	.002	1.22	.12376	.000	1
S4	.25000	.25043	.000	.170	.24492	.000	1
S5	.50000	.49792	-.002	-.417	.48692	.002	1

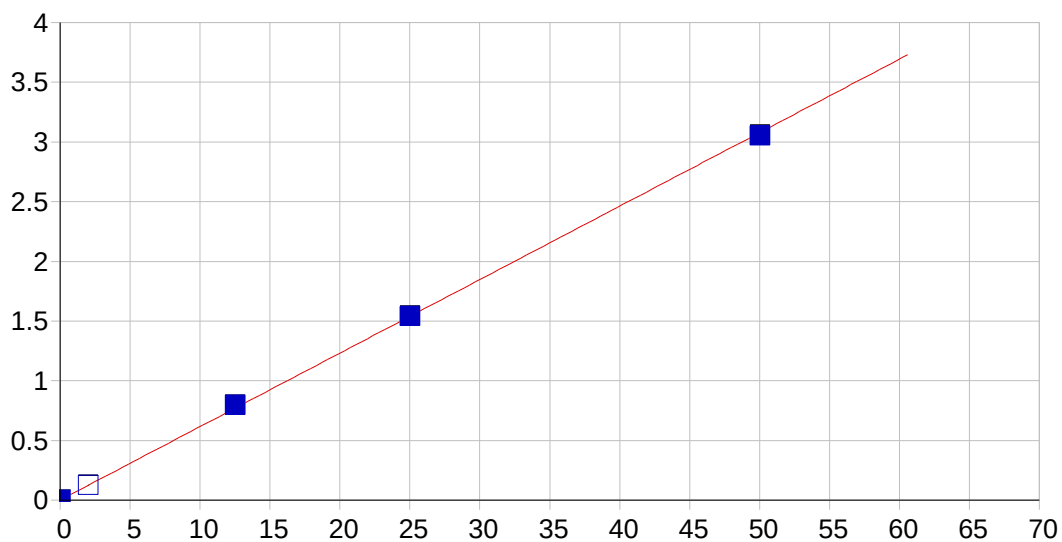


Cd 226.502 {449}

Date of Fit: 8/3/2017 10:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000170 Re-Slope: 1.000000
 A1 (Gain): 3.904369 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000375
 Predicted MDL: 0.000097
 Predicted MQL: 0.000324

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.00600	.00608	.000	1.26	.02357	.000	1
S3	1.2500	1.2466	-.003	-.273	4.8677	.010	1
S4	2.5000	2.4621	-.038	-1.52	9.6142	.008	1
S5	5.0000	5.0412	.041	.824	19.685	.020	1

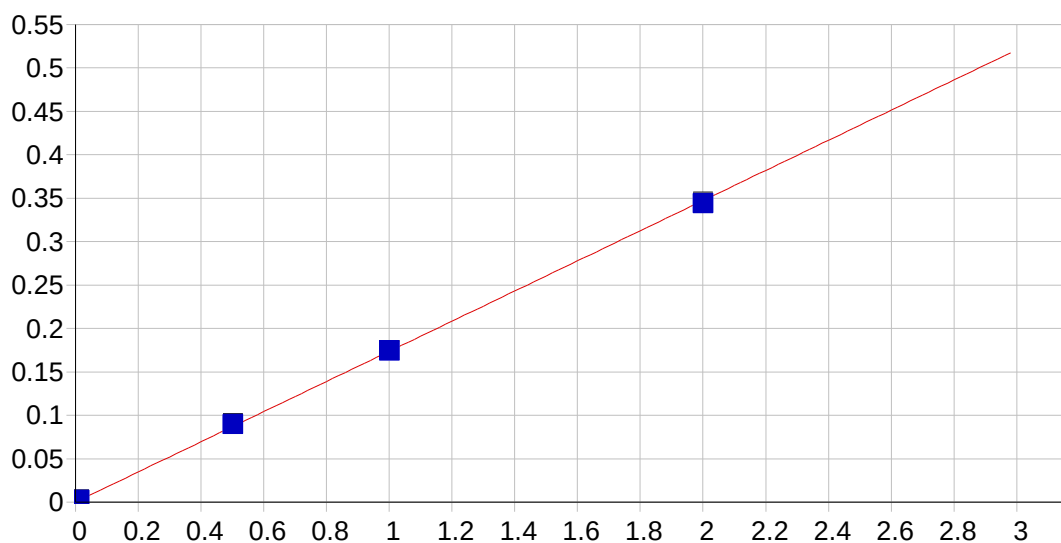


Ca 373.690 { 90}

Date of Fit: 8/3/2017 10:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000660 Re-Slope: 1.000000
 A1 (Gain): 0.061545 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.000456
 Predicted MDL: 0.016761
 Predicted MQL: 0.055870

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0098	.010	.490	.12435	.001	1
S0	.00000	-.00006	.000	.000	.00066	.000	1
S3	12.500	12.905	.405	3.24	.79519	.000	1
S4	25.000	24.989	-.011	-.045	1.5391	.006	1
S5	50.000	49.596	-.404	-.808	3.0541	.007	1



Date of Fit: 8/3/2017 10:35:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000075

Re-Slope: 1.000000

A1 (Gain): 0.173604

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999877

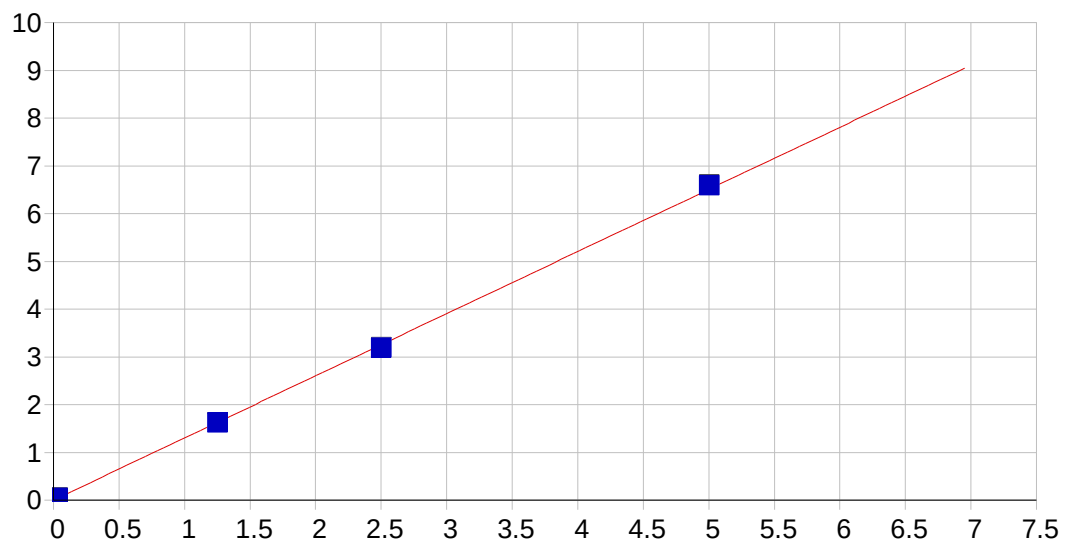
Status: OK.

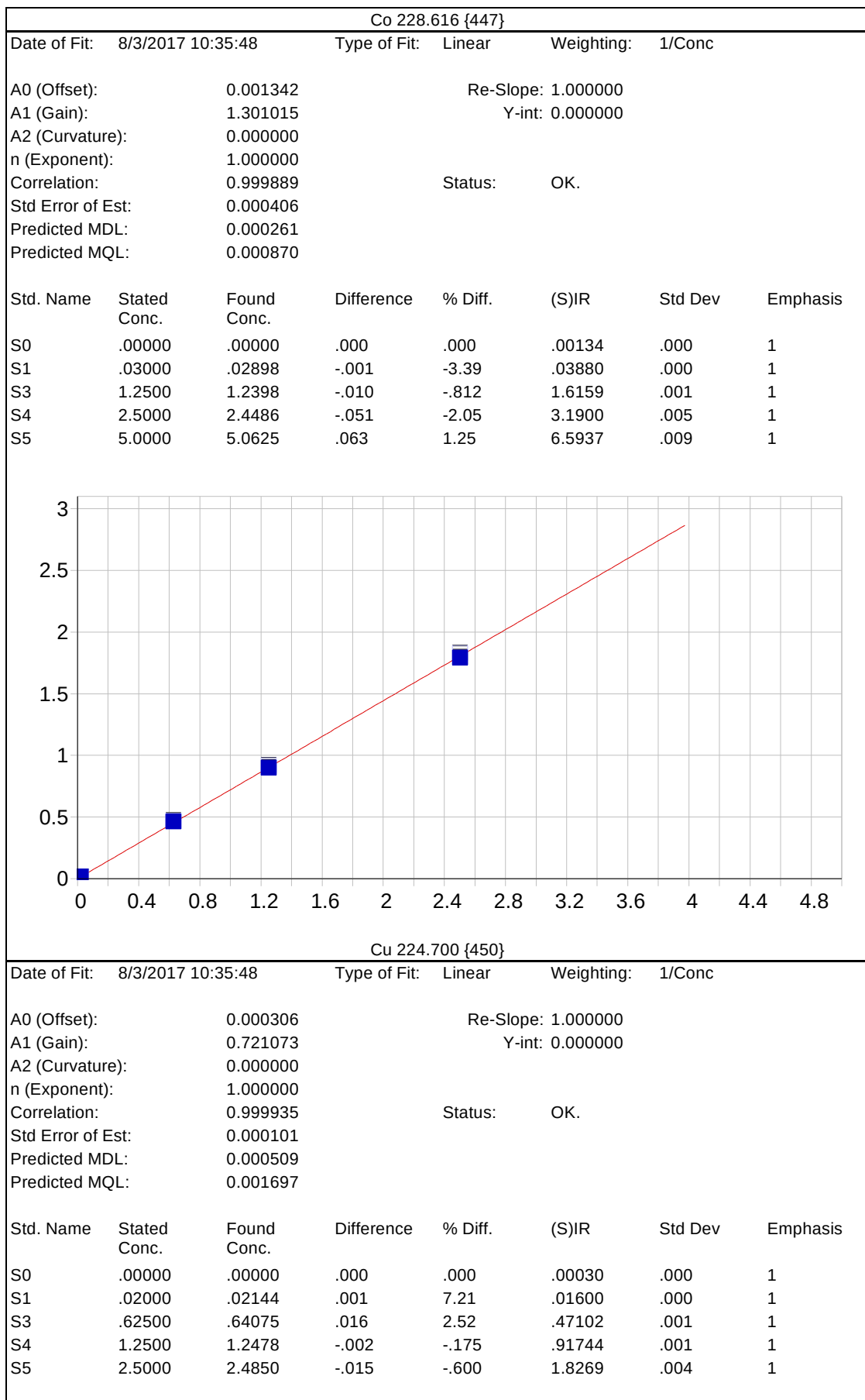
Std Error of Est: 0.000021

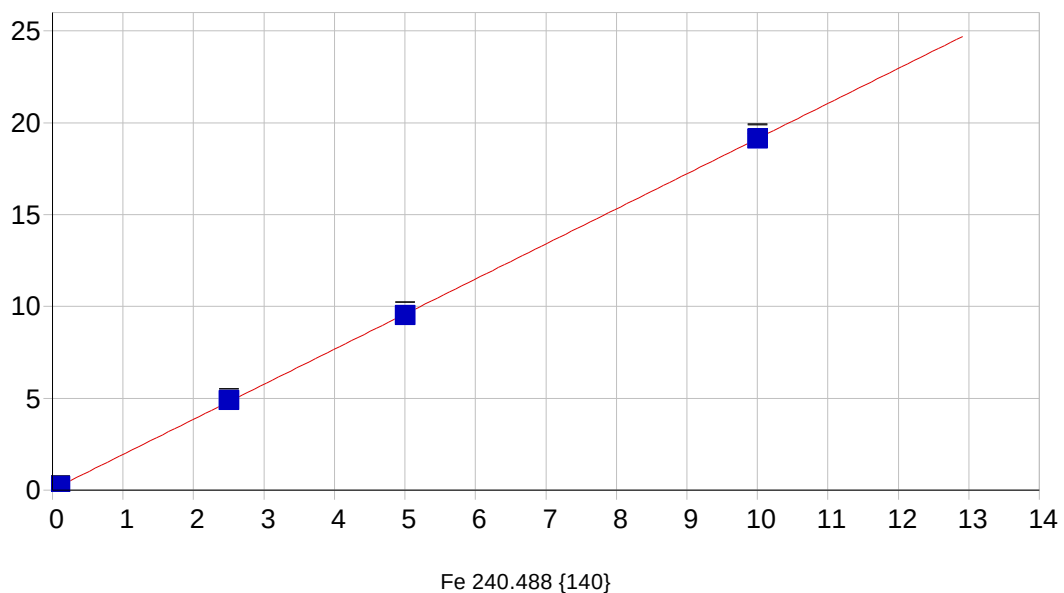
Predicted MDL: 0.000525

Predicted MQL: 0.001748

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.01000	.01127	.001	12.7	.00203	.000	1
S3	.50000	.51595	.016	3.19	.08974	.000	1
S4	1.0000	1.0022	.002	.218	.17425	.000	1
S5	2.0000	1.9806	-.019	-.970	.34429	.001	1



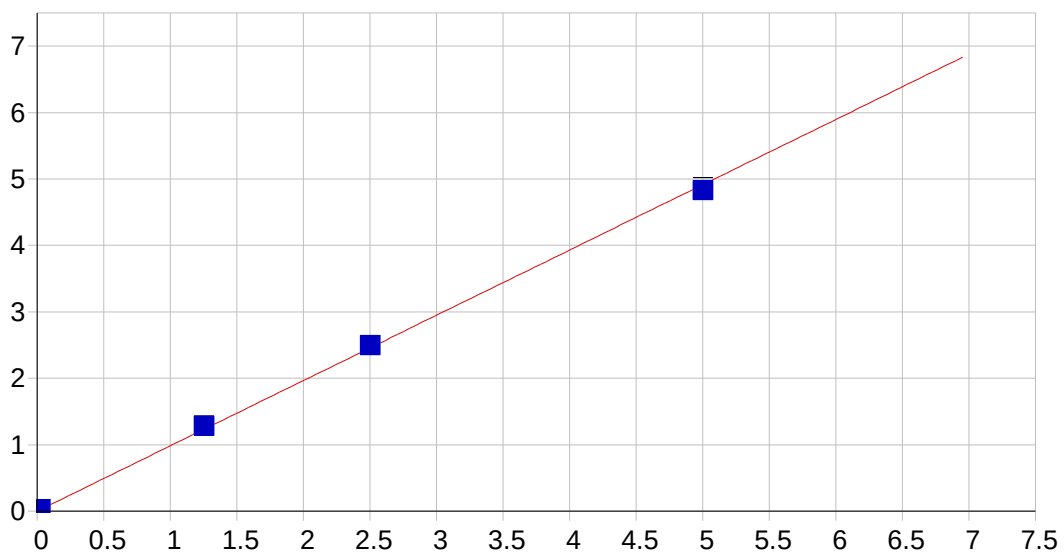


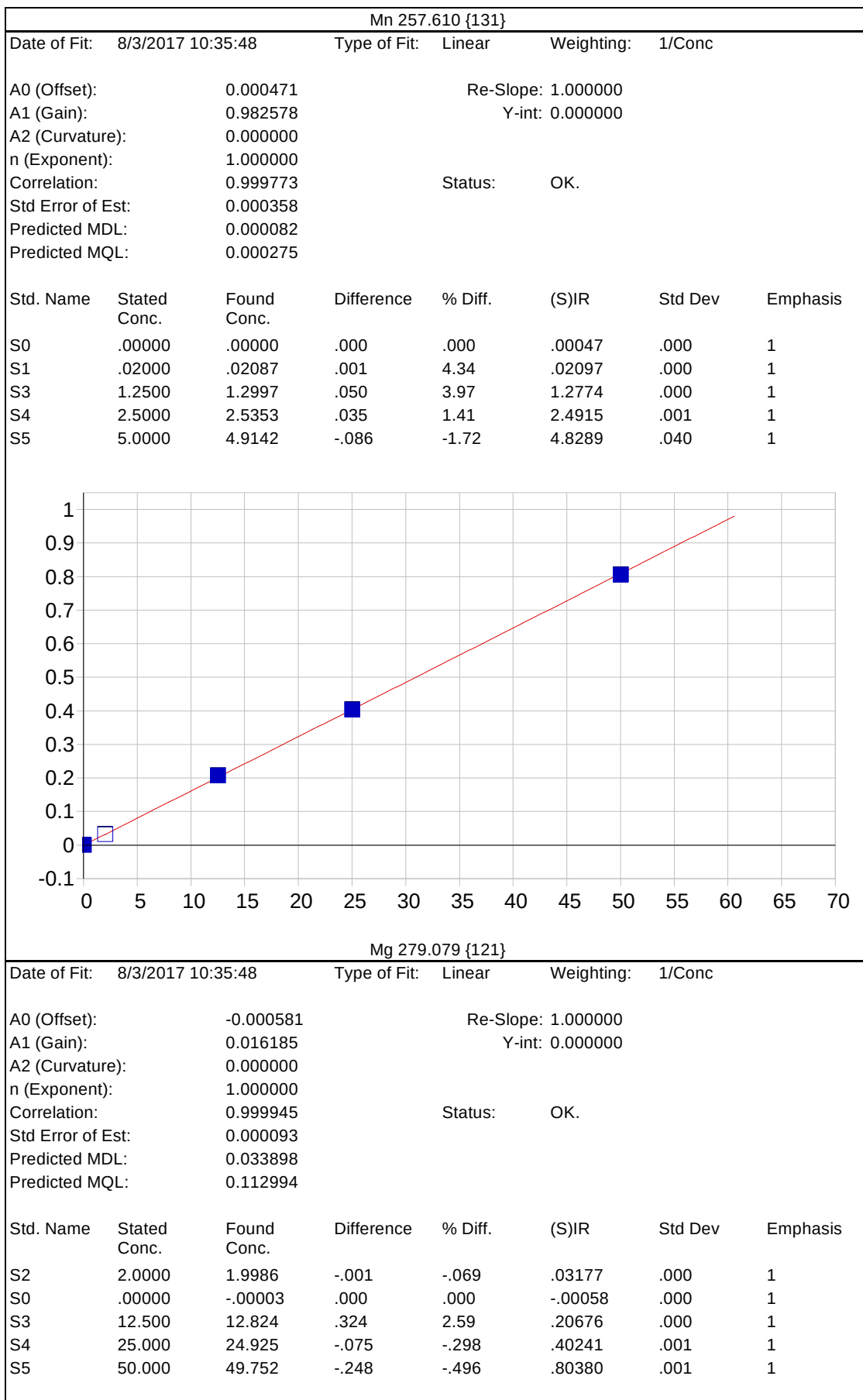


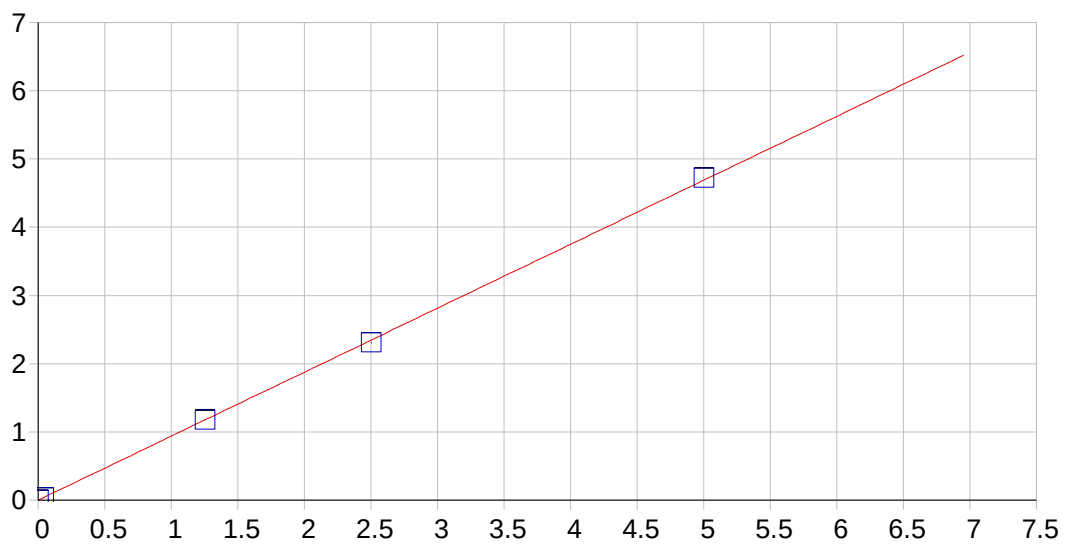
Date of Fit: 8/3/2017 10:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.035430 Re-Slope: 1.000000
 A1 (Gain): 1.909928 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000850
 Predicted MDL: 0.008128
 Predicted MQL: 0.027093

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.03544	.011	1
S1	.10000	.09390	-.006	-6.10	.21456	.017	1
S3	2.5000	2.5387	.039	1.55	4.8756	.086	1
S4	5.0000	4.9672	-.033	-.657	9.5051	.184	1
S5	10.000	10.000	.000	.002	19.101	.247	1







Ni 231.604 {445}

Date of Fit: 8/3/2017 10:35:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000435

Re-Slope: 1.000000

A1 (Gain): 0.937590

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999947

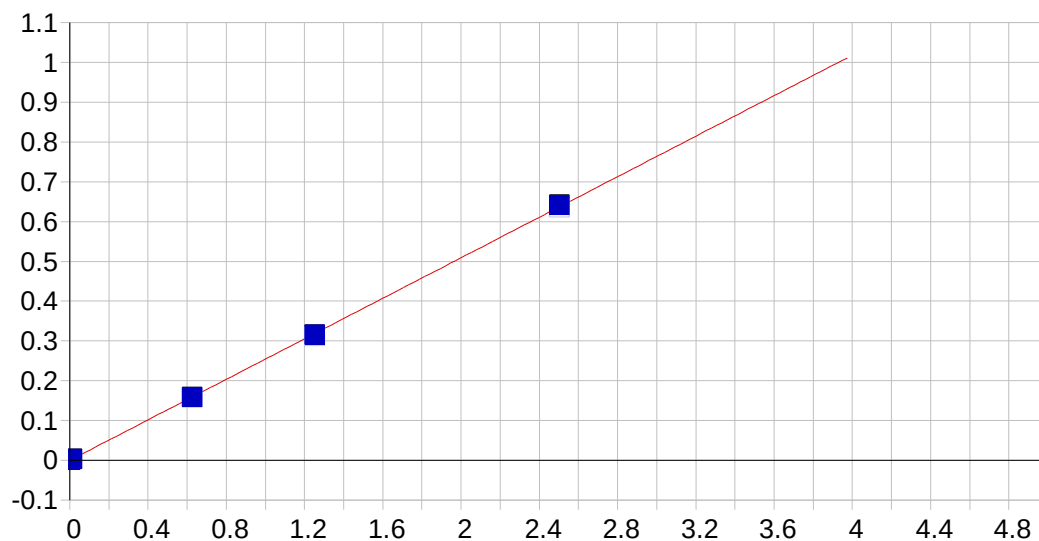
Status: OK.

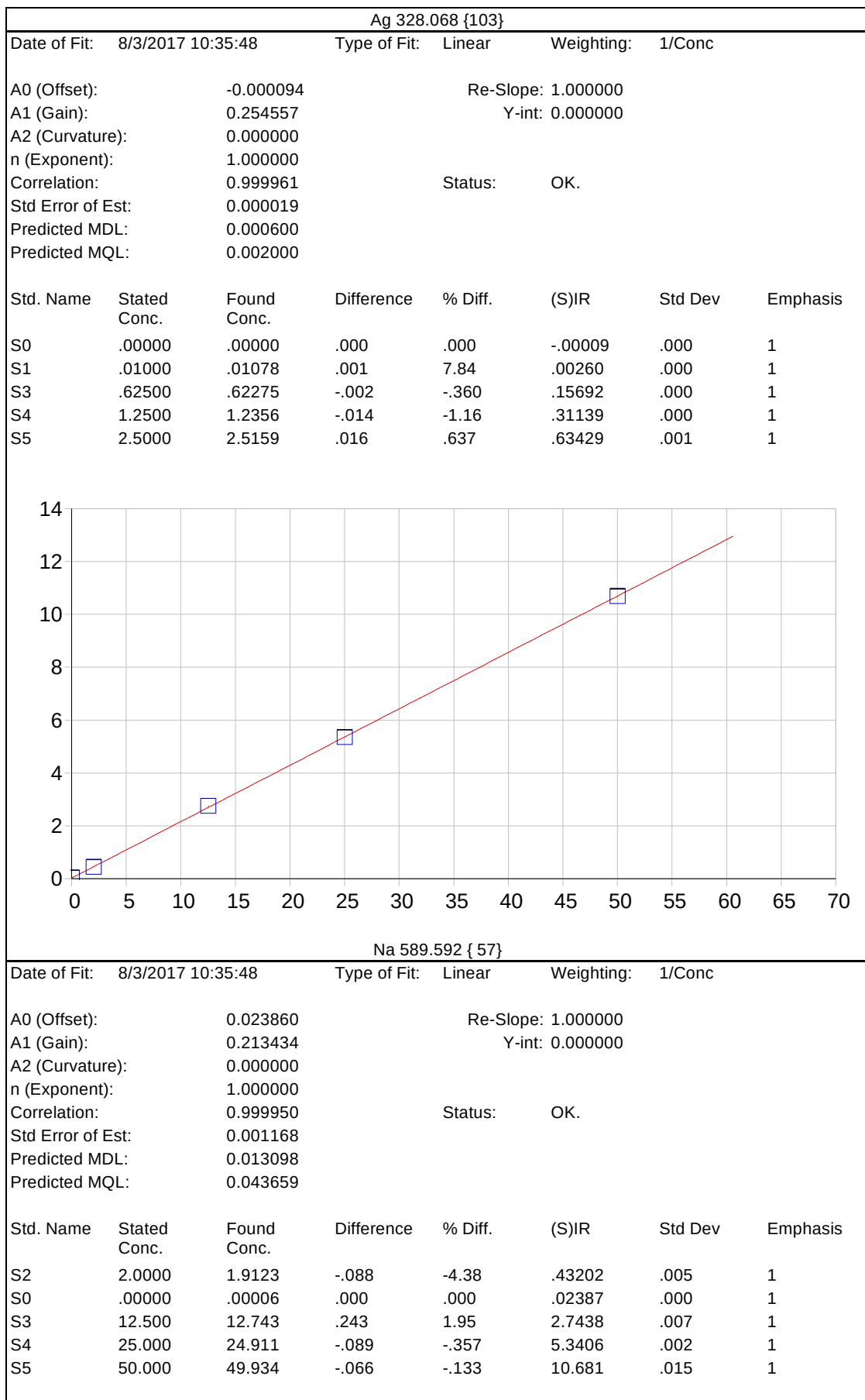
Std Error of Est: 0.000233

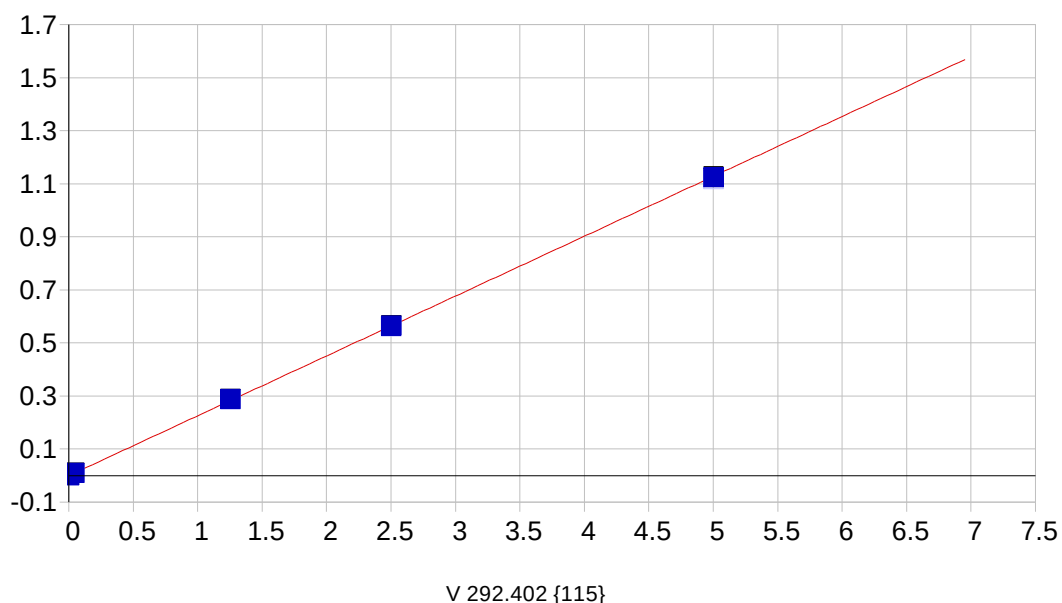
Predicted MDL: 0.000401

Predicted MQL: 0.001337

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00044	.000	1
S1	.04000	.03943	-.001	-1.43	.03740	.000	1
S3	1.2500	1.2535	.004	.281	1.1757	.005	1
S4	2.5000	2.4602	-.040	-1.59	2.3071	.000	1
S5	5.0000	5.0369	.037	.737	4.7230	.005	1



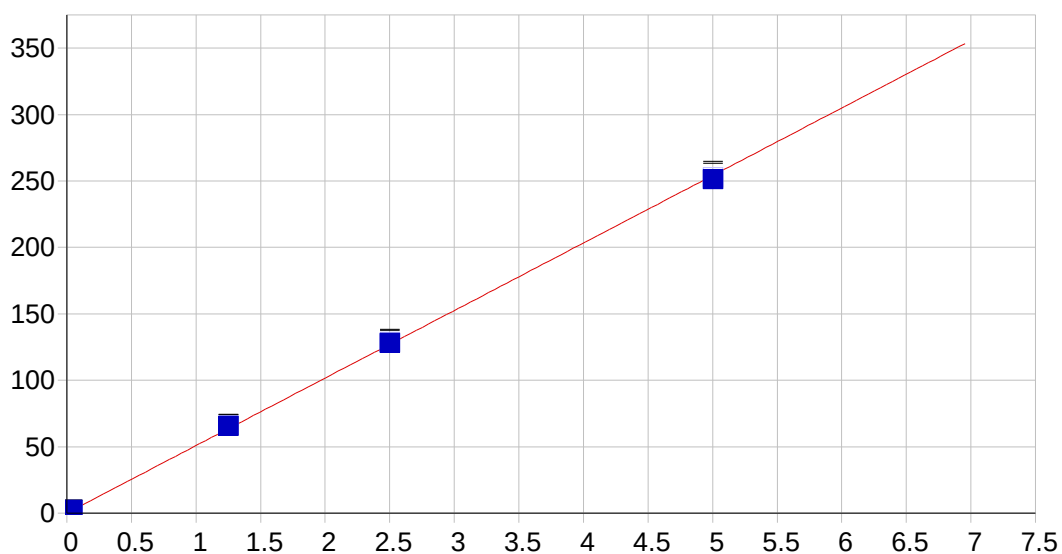


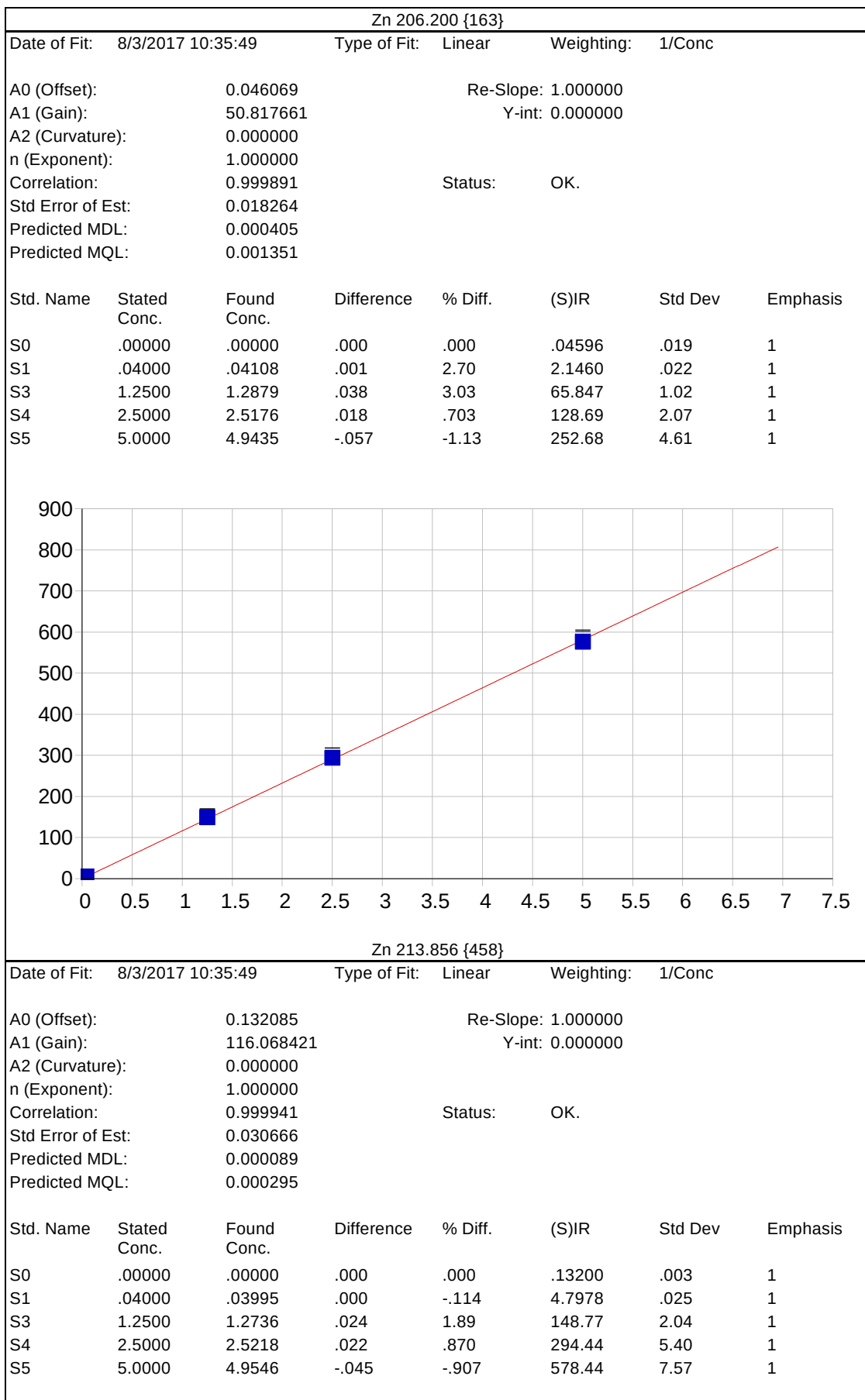


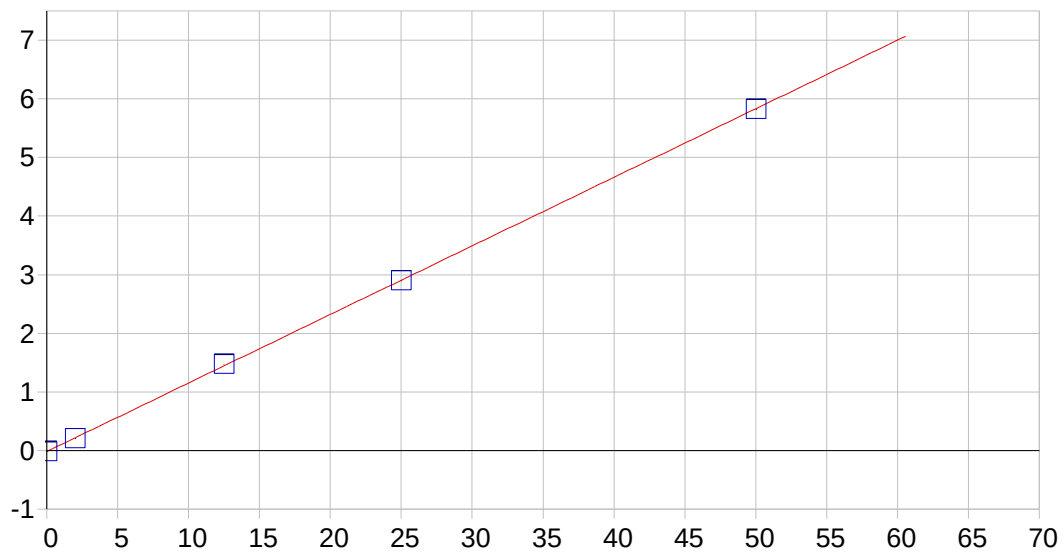
Date of Fit: 8/3/2017 10:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000141 Re-Slope: 1.000000
 A1 (Gain): 0.225589 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.000503
 Predicted MQL: 0.001677

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.04000	.03911	-.001	-2.23	.00854	.000	1
S3	1.2500	1.2719	.022	1.75	.28496	.000	1
S4	2.5000	2.4989	-.001	-.044	.55996	.000	1
S5	5.0000	4.9801	-.020	-.398	1.1161	.003	1





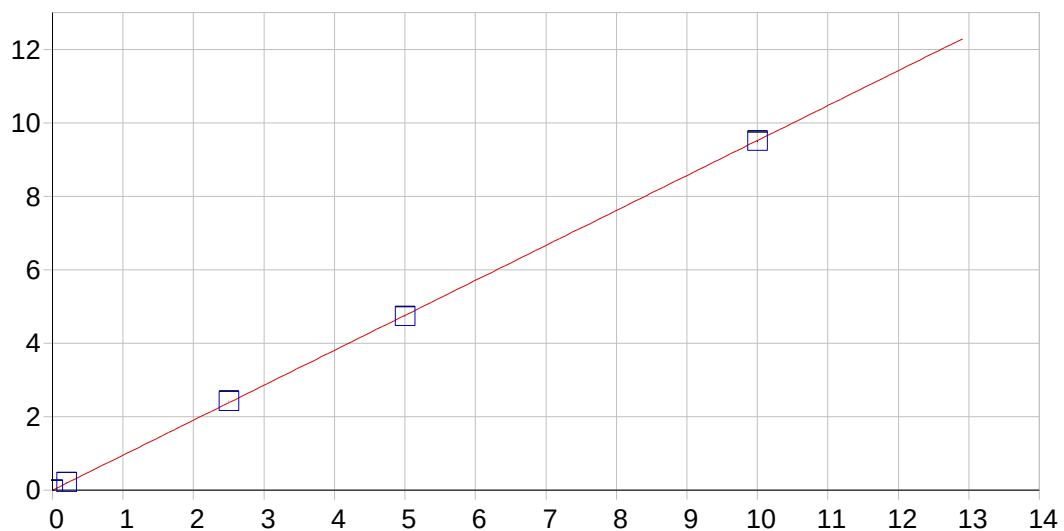


K 766.490 { 44}

Date of Fit: 8/3/2017 10:35:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.017801 Re-Slope: 1.000000
 A1 (Gain): 0.116959 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.000641
 Predicted MDL: 0.032546
 Predicted MQL: 0.108488

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.8980	-.102	-5.10	.20418	.000	1
S0	.00000	.00007	.000	.000	-.01779	.006	1
S3	12.500	12.714	.214	1.71	1.4692	.005	1
S4	25.000	24.949	-.051	-.205	2.9002	.001	1
S5	50.000	49.940	-.060	-.120	5.8231	.002	1

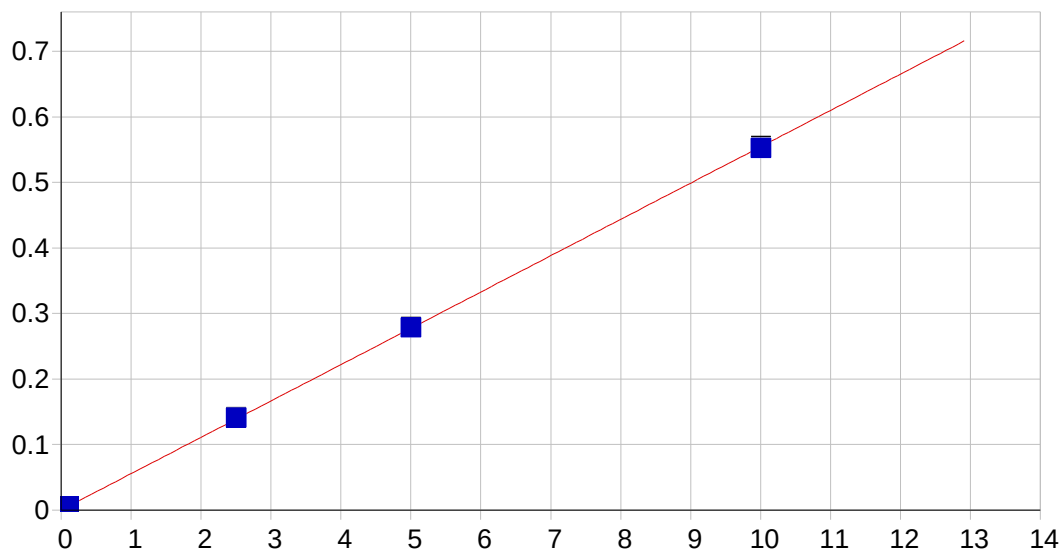


Mo 202.030 {467}

Date of Fit: 8/3/2017 10:35:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000396 Re-Slope: 1.000000
 A1 (Gain): 0.951531 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000750
 Predicted MDL: 0.000274
 Predicted MQL: 0.000915

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00038	.000	1
S1	.20000	.21334	.013	6.67	.20339	.000	1
S3	2.5000	2.5423	.042	1.69	2.4195	.007	1
S4	5.0000	4.9678	-.032	-.643	4.7275	.008	1
S5	10.000	9.9765	-.023	-.235	9.4934	.022	1

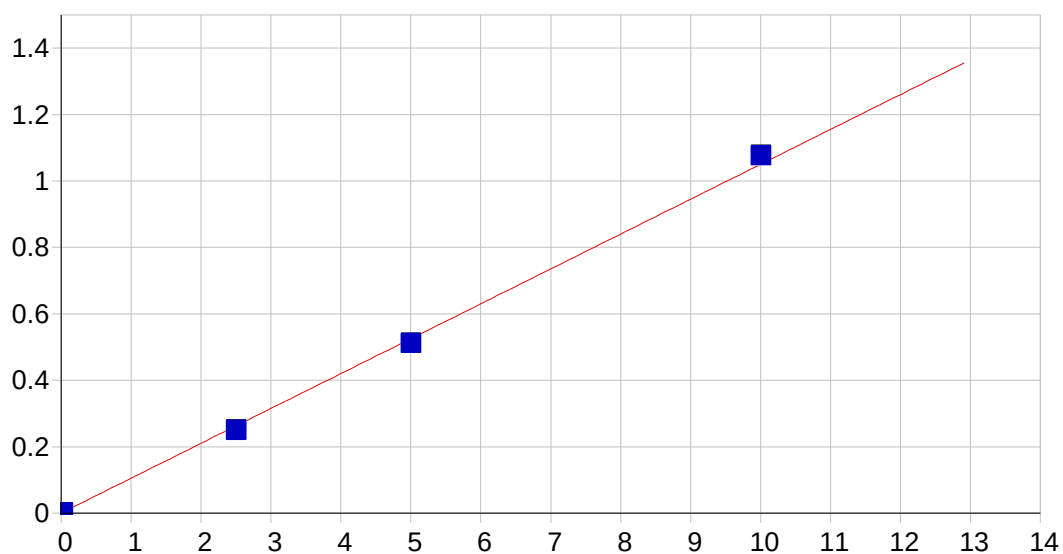


B 249.678 {135}

Date of Fit: 8/3/2017 10:35:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000320 Re-Slope: 1.000000
 A1 (Gain): 0.055400 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.007823
 Predicted MQL: 0.026078

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00032	.000	1
S1	.10000	.09169	-.008	-8.31	.00538	.000	1
S3	2.5000	2.5287	.029	1.15	.14022	.001	1
S4	5.0000	5.0217	.022	.434	.27815	.000	1
S5	10.000	9.9579	-.042	-.421	.55124	.003	1

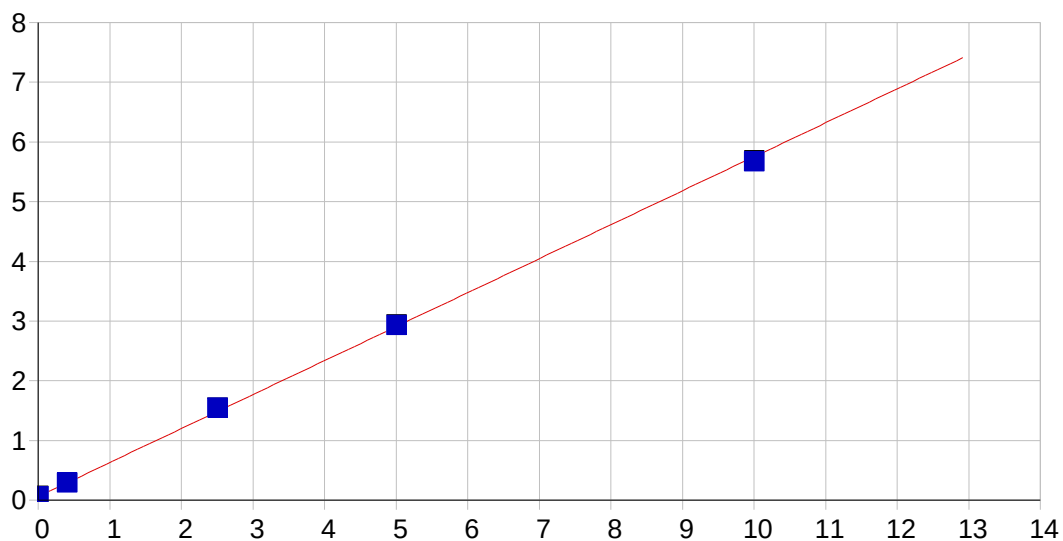


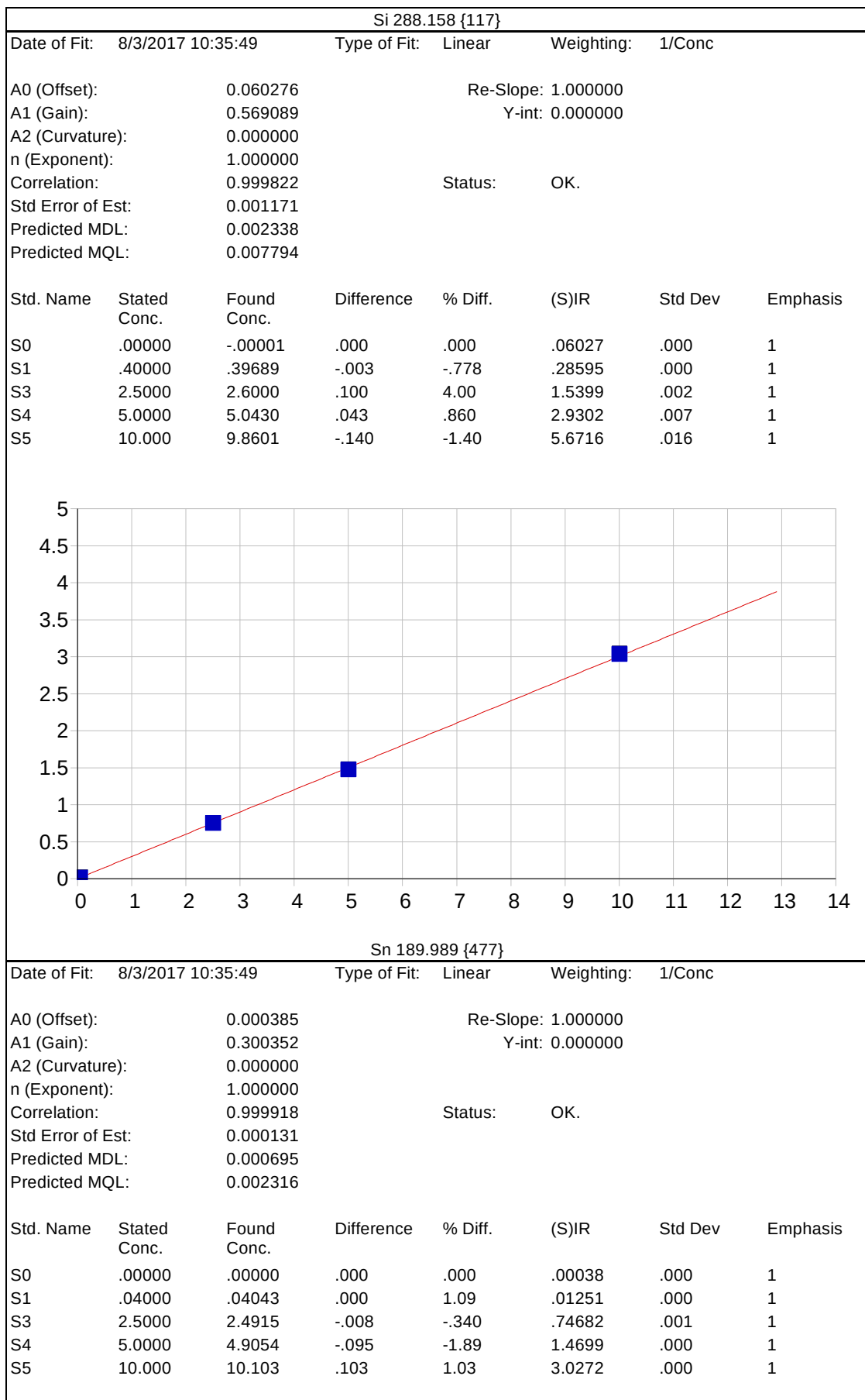
S 182.034 {485}

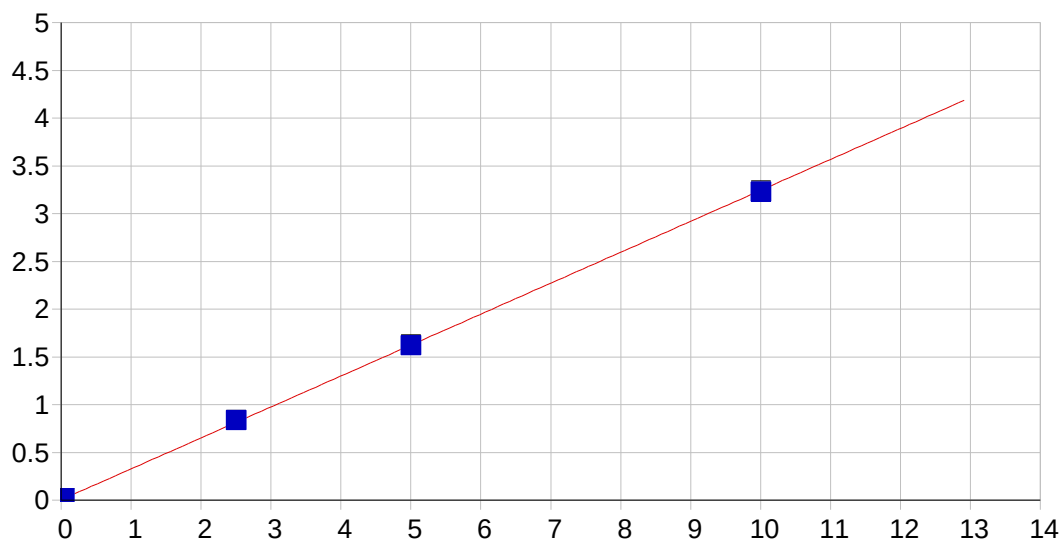
Date of Fit: 8/3/2017 10:35:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000190 Re-Slope: 1.000000
 A1 (Gain): 0.104997 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999539 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.002005
 Predicted MQL: 0.006683

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.02000	.01718	-.003	-14.1	.00194	.000	1
S3	2.5000	2.3757	-.124	-4.97	.24911	.000	1
S4	5.0000	4.8745	-.125	-2.51	.51096	.000	1
S5	10.000	10.253	.253	2.53	1.0746	.002	1







Ti 336.121 {100}

Date of Fit: 8/3/2017 10:35:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003718

Re-Slope: 1.000000

A1 (Gain): 0.323935

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999952

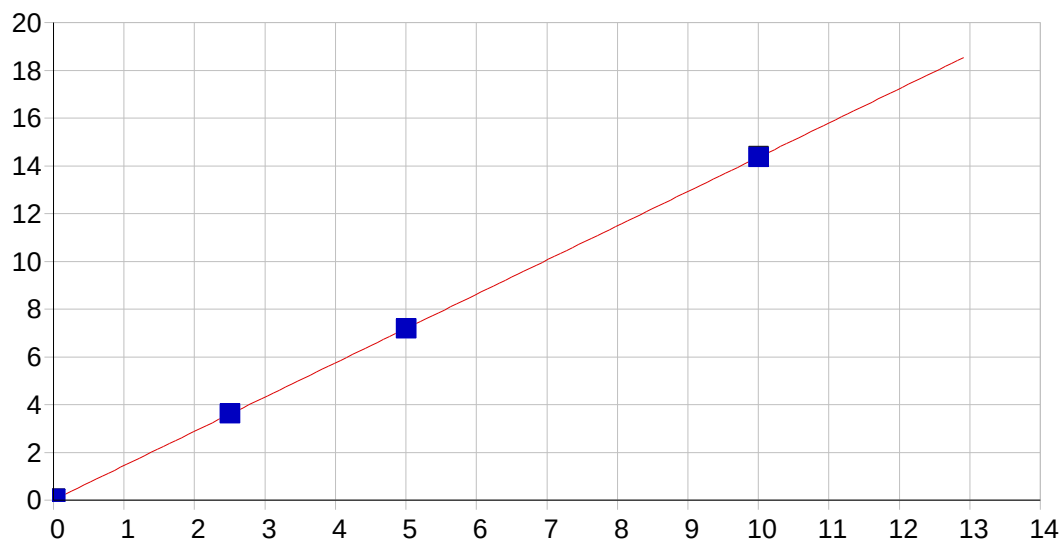
Status: OK.

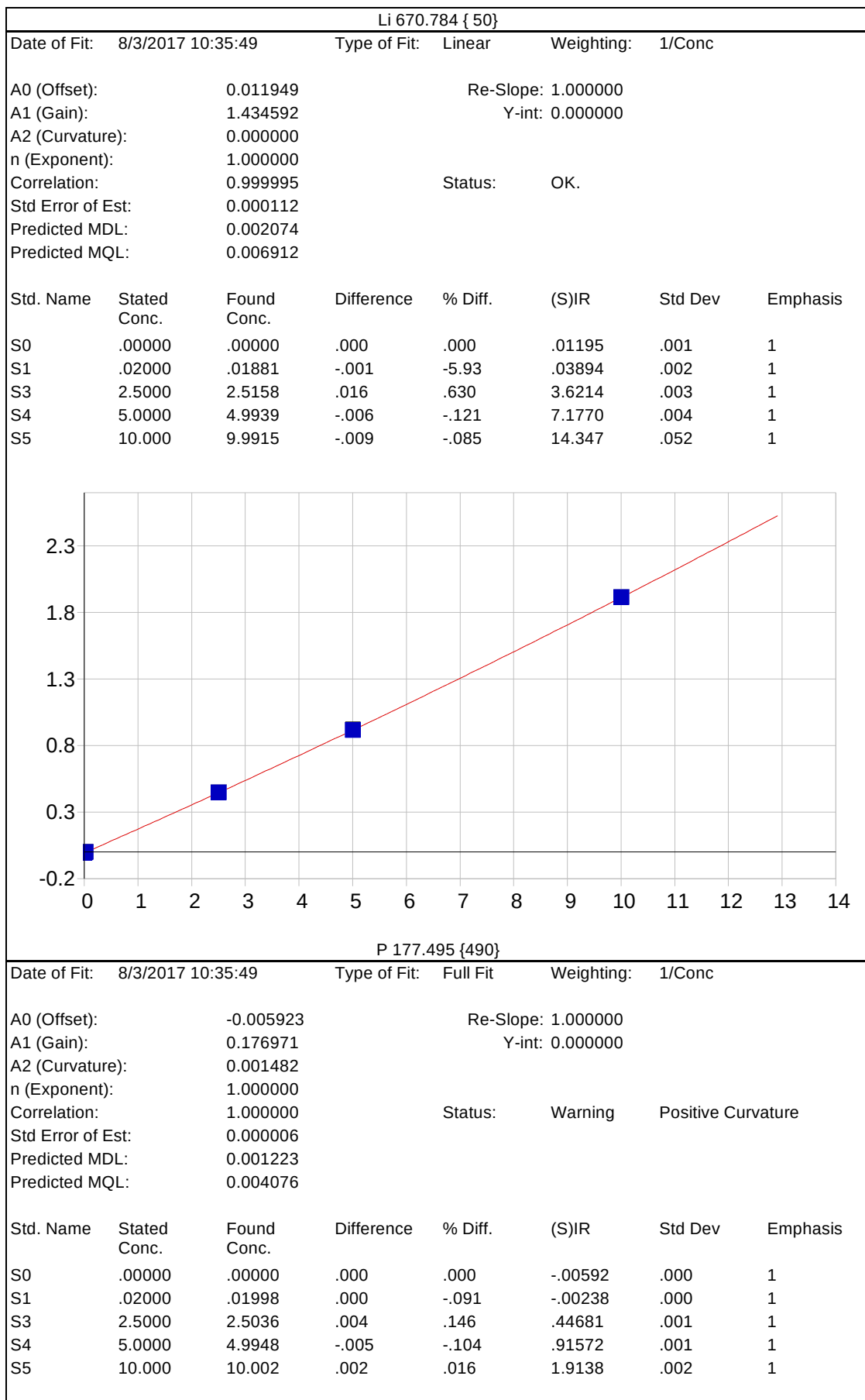
Std Error of Est: 0.000108

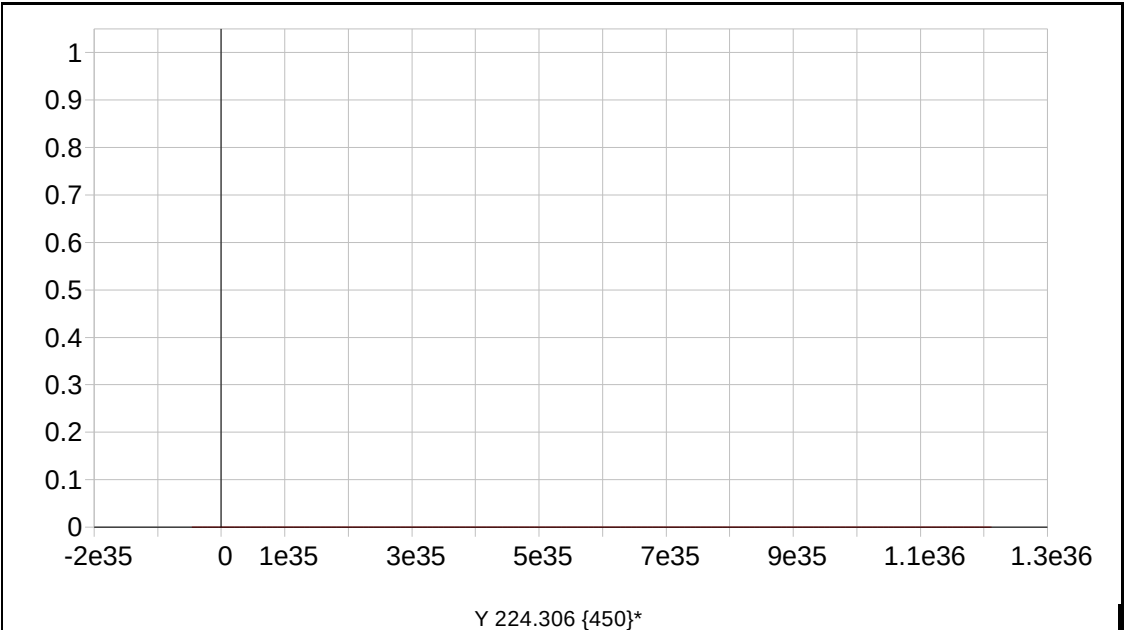
Predicted MDL: 0.002211

Predicted MQL: 0.007371

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00372	.001	1
S1	.04000	.04052	.001	1.31	.01683	.000	1
S3	2.5000	2.5594	.059	2.38	.83242	.003	1
S4	5.0000	4.9852	-.015	-.296	1.6179	.003	1
S5	10.000	9.9549	-.045	-.451	3.2270	.006	1



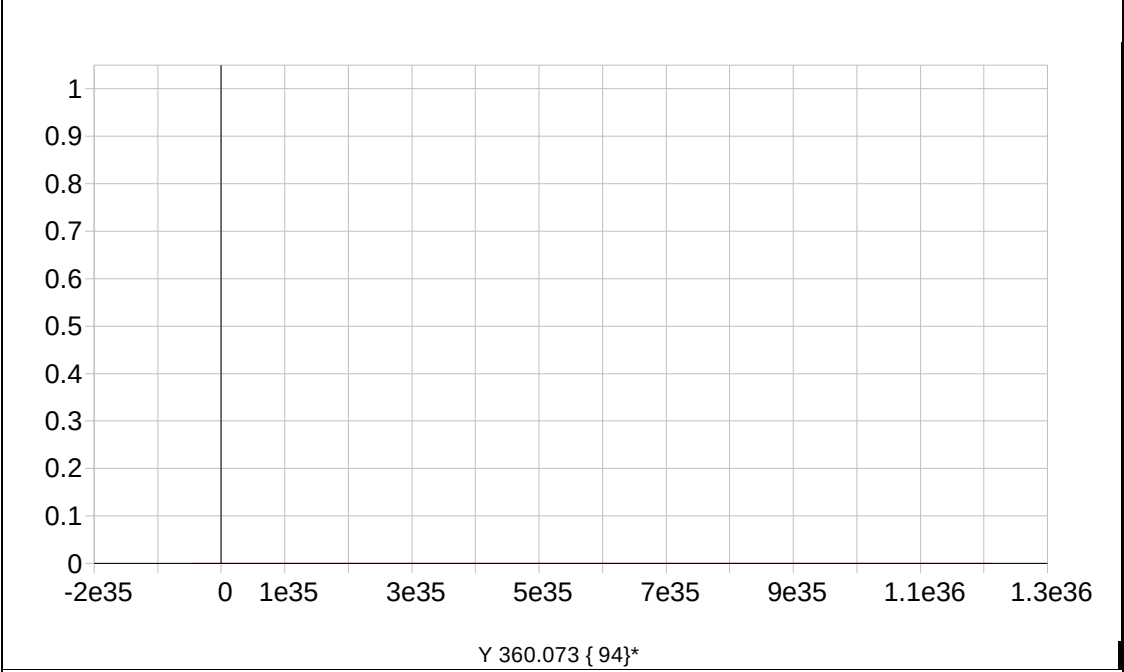




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

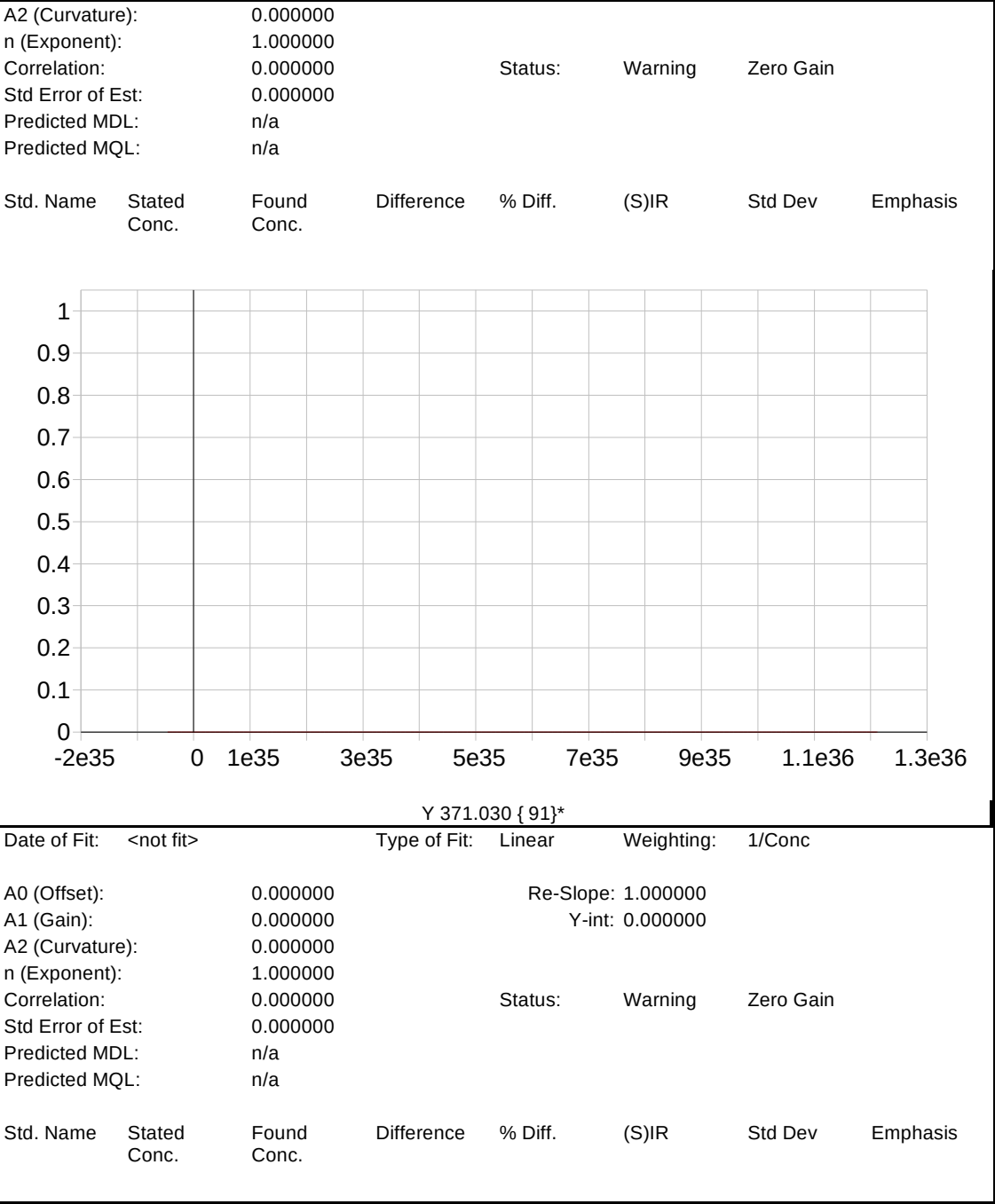
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

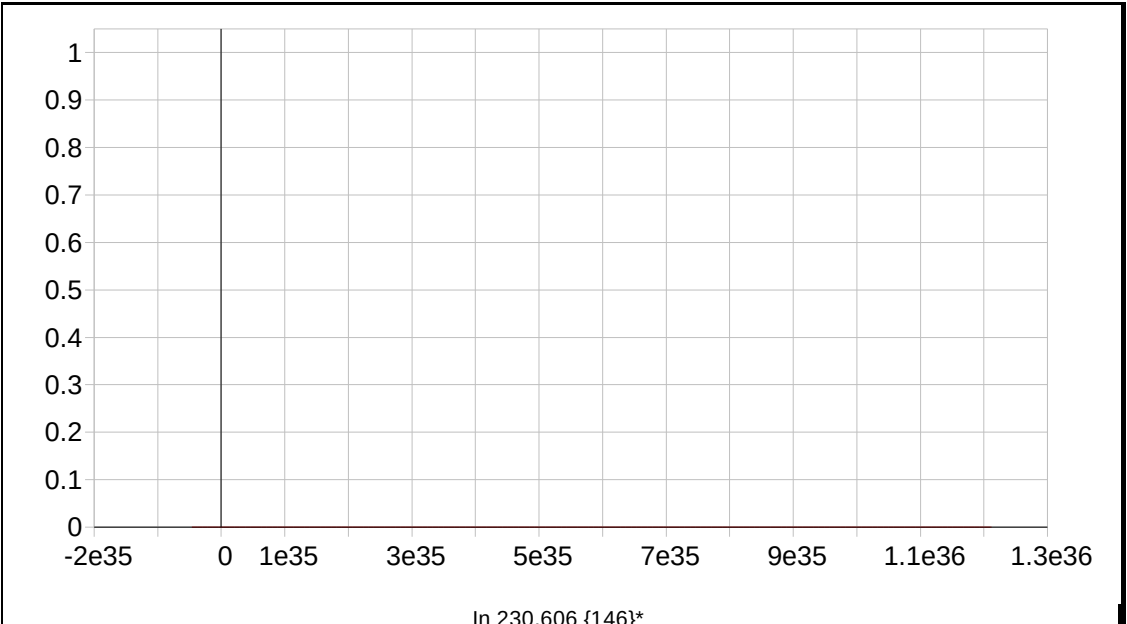
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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

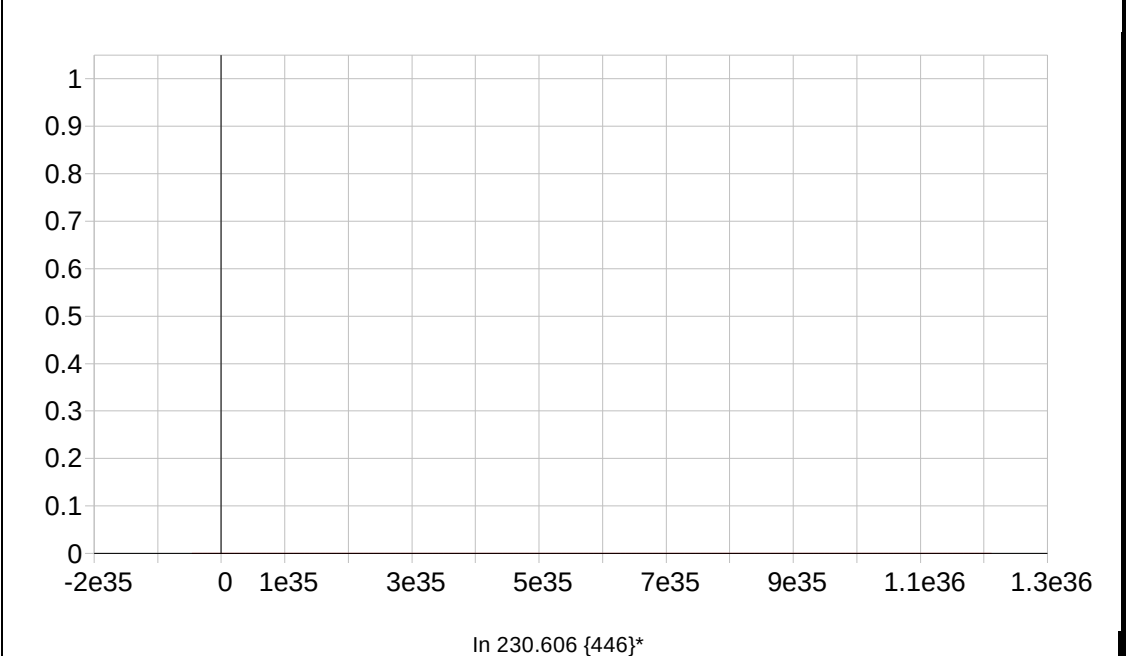




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

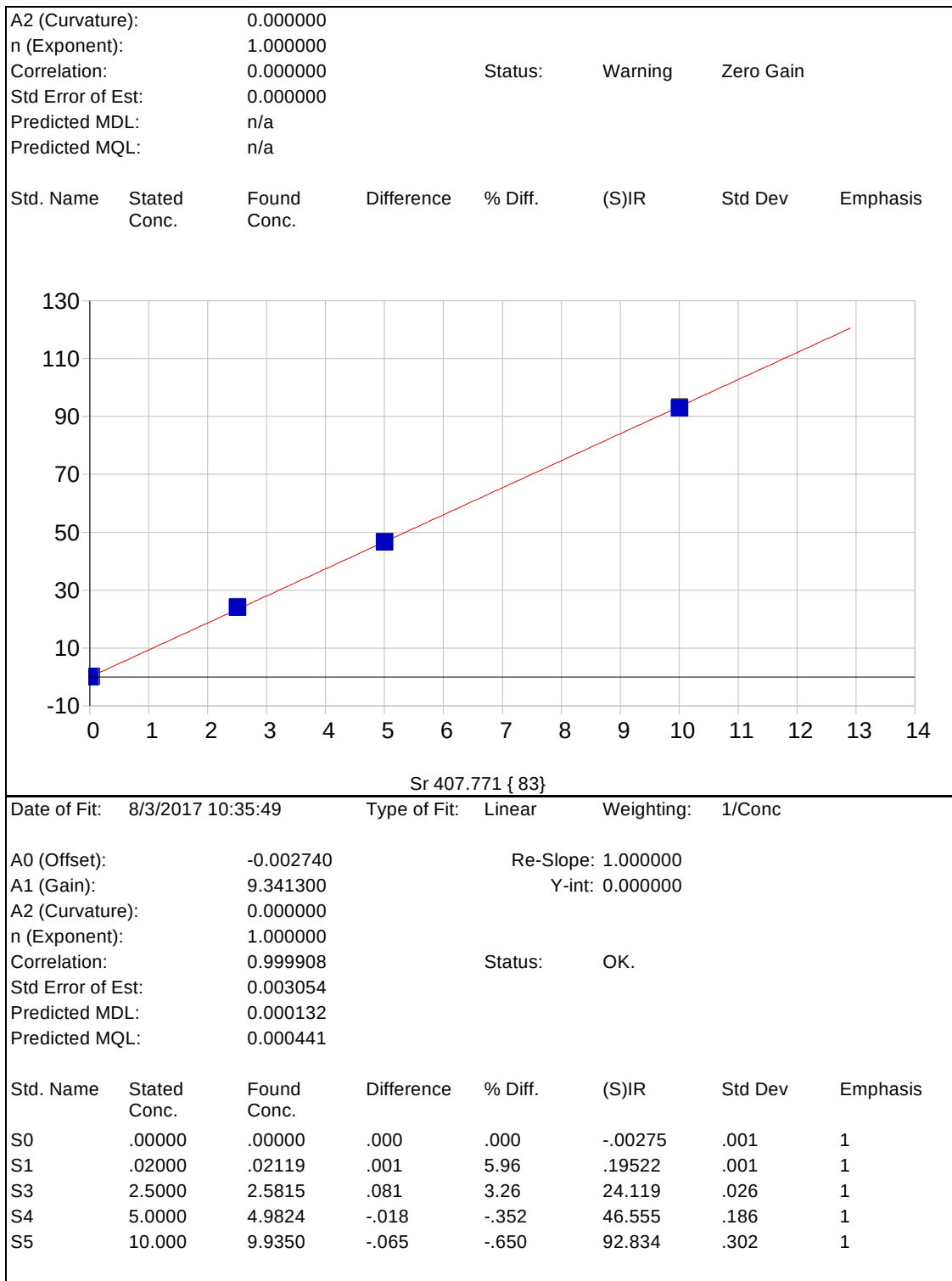
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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

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



Sample Name: S0 Acquired: 8/3/2017 10:07:41 Type: Cal
Method: P4-ICP2(v2124) 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	-.00050	-.00118	.00031	.00047	.00039	.00001	.04792	.00002
Stddev	.00011	.00010	.00011	.00004	.00005	.00002	.00047	.00004
%RSD	22.615	8.0614	37.295	8.7482	13.680	202.91	.98561	178.11

#1	-.00058	-.00112	.00039	.00044	.00035	.00000	.04759	-.00001
#2	-.00042	-.00125	.00023	.00050	.00042	.00003	.04825	.00005

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	-.00017	.00066	.00007	.00134	.00030	.03544	.00047	-.00058
Stddev	.00020	.00028	.00004	.00036	.00028	.01103	.00004	.00017
%RSD	117.62	42.048	50.691	26.950	91.540	31.120	8.2580	28.617

#1	-.00003	.00085	.00005	.00109	.00011	.02764	.00044	-.00070
#2	-.00031	.00046	.00010	.00160	.00050	.04324	.00050	-.00046

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	.00044	-.00009	.02387	-.00014	.13200	-.01779	.00038	.00032
Stddev	.00026	.00000	.00007	.00006	.00339	.00594	.00001	.00019
%RSD	60.822	1.2364	.28061	42.146	2.5700	33.408	1.7637	59.675

#1	.00062	-.00010	.02392	-.00018	.12961	-.02200	.00038	.00046
#2	.00025	-.00009	.02383	-.00010	.13440	-.01359	.00039	.00019

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	.00019	.06027	.00038	.00372	.01195	-.0059	-.00275	
Stddev	.00001	.00035	.00002	.00068	.00113	.0001	.00085	
%RSD	4.6751	.57681	3.9073	18.298	9.4376	1.606	30.921	

#1	.00018	.06052	.00037	.00324	.01115	-.0059	-.00215	
#2	.00020	.06002	.00040	.00420	.01275	-.0060	-.00336	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4576.8	65226.	4749.5	95.740	3884.6			
Stddev	1.6	139.	22.7	1.676	3.1			
%RSD	.03448	.21283	.47816	1.7502	.08037			

#1	4577.9	65325.	4765.5	94.555	3886.8			
#2	4575.7	65128.	4733.4	96.925	3882.4			

Sample Name: S1 Acquired: 8/3/2017 10:11:47 Type: Cal
Method: P4-ICP2(v2124) 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	.00151	.00537	.00385	.00276	.00735	.00065	.50357	.00600
Stddev	.00005	.00004	.00006	.00002	.00030	.00001	.00581	.00002
%RSD	3.2172	.71095	1.6230	.80865	4.1358	2.1758	1.1538	.29204

#1	.00147	.00540	.00380	.00274	.00756	.00066	.50768	.00601
#2	.00154	.00534	.00389	.00277	.00713	.00064	.49946	.00598

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	.02357	.00203	.03880	.01600	.21456	.02097	.03740	.00260
Stddev	.00026	.00003	.00002	.00012	.01664	.00006	.00011	.00008
%RSD	1.1068	1.4970	.05332	.77631	7.7555	.28417	.28427	2.9328

#1	.02376	.00206	.03879	.01609	.20280	.02093	.03733	.00266
#2	.02339	.00201	.03882	.01591	.22633	.02102	.03748	.00255

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	.00854	4.7978	.20339	.00538	.00194	.28595	.01251	.01683
Stddev	.00008	.0246	.00011	.00004	.00015	.00021	.00017	.00034
%RSD	.96805	.51366	.05314	.71758	7.7285	.07438	1.3471	1.9998

#1	.00860	4.8153	.20347	.00535	.00183	.28610	.01239	.01659
#2	.00848	4.7804	.20332	.00541	.00204	.28580	.01263	.01707

Elem	Li6707	P_1774	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.03894	-.0024	.19522
Stddev	.00164	.0002	.00085
%RSD	4.2220	6.483	.43378

#1	.03778	-.0025	.19581
#2	.04011	-.0023	.19462

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4568.5	64496.	4721.6	95.496	3906.3
Stddev	7.0	169.	6.7	.683	.9
%RSD	.15278	.26151	.14290	.71522	.02407

#1	4563.6	64377.	4716.8	95.013	3905.6
#2	4573.5	64616.	4726.3	95.979	3907.0

Sample Name: S2 Acquired: 8/3/2017 10:17:54 Type: Cal
Method: P4-ICP2(v2124) 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	.12435	.03177	.43202	.20418
Stddev	.00057	.00002	.00465	.00019
%RSD	.46139	.05957	1.0759	.09530

#1	.12395	.03175	.43531	.20404
#2	.12476	.03178	.42873	.20432

Int. Std.	Y_3710
Units	Cts/S
Avg	4741.6
Stddev	26.1
%RSD	.55093

#1	4723.1
#2	4760.1

Sample Name: S3 Acquired: 8/3/2017 10:22:46 Type: Cal
 Method: P4-ICP2(v2124) 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	.24031	.44014	.79154	.28307	.35549	.03199	23.457	.12376
Stddev	.00075	.00077	.00038	.00106	.00147	.00015	.037	.00010
%RSD	.31321	.17450	.04806	.37414	.41241	.47857	.15867	.07842

#1	.24084	.43960	.79127	.28382	.35653	.03189	23.483	.12383
#2	.23977	.44069	.79181	.28232	.35446	.03210	23.431	.12370

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	4.8677	.79519	.08974	1.6159	.47102	4.8756	1.2774	.20676
Stddev	.0101	.00032	.00028	.0013	.00142	.0862	.0004	.00012
%RSD	.20703	.04040	.31750	.07835	.30207	1.7689	.03169	.05822

#1	4.8605	.79496	.08994	1.6150	.47203	4.8147	1.2772	.20668
#2	4.8748	.79542	.08954	1.6168	.47001	4.9366	1.2777	.20685

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	1.1757	.15692	2.7438	.28496	148.77	1.4692	2.4195	.14022
Stddev	.0052	.00015	.0066	.00016	2.04	.0050	.0075	.00073
%RSD	.43779	.09480	.24163	.05515	1.3729	.34381	.30951	.52176

#1	1.1721	.15702	2.7484	.28507	147.33	1.4727	2.4248	.13970
#2	1.1794	.15681	2.7391	.28485	150.22	1.4656	2.4142	.14074

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	.24911	1.5399	.74682	.83242	3.6214	.4468	24.119	
Stddev	.00024	.0018	.00123	.00337	.0027	.0012	.026	
%RSD	.09496	.11342	.16425	.40510	.07508	.2594	.10600	

#1	.24894	1.5412	.74595	.83004	3.6195	.4460	24.137	
#2	.24928	1.5387	.74769	.83481	3.6233	.4476	24.101	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4618.9	64780.	4698.1	92.512	3813.8			
Stddev	21.6	74.	15.8	1.190	.5			
%RSD	.46785	.11420	.33709	1.2859	.01205			

#1	4603.7	64728.	4686.9	93.353	3814.1			
#2	4634.2	64832.	4709.3	91.671	3813.5			

Sample Name: S4 Acquired: 8/3/2017 10:27:20 Type: Cal
Method: P4-ICP2(v2124) 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	.47392	.88046	1.5640	.55933	.70088	.06316	45.322	.24492
Stddev	.00141	.00167	.0019	.00130	.00238	.00020	.032	.00036
%RSD	.29744	.19004	.11935	.23325	.33988	.32335	.06976	.14793

#1	.47492	.88164	1.5654	.56026	.70256	.06302	45.300	.24466
#2	.47293	.87928	1.5627	.55841	.69919	.06331	45.345	.24517

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	9.6142	1.5391	.17425	3.1900	.91744	9.5051	2.4915	.40241
Stddev	.0079	.0056	.00006	.0048	.00127	.1840	.0014	.00110
%RSD	.08181	.36390	.03694	.14986	.13833	1.9359	.05832	.27401

#1	9.6198	1.5431	.17420	3.1934	.91834	9.3750	2.4904	.40163
#2	9.6087	1.5352	.17429	3.1866	.91655	9.6352	2.4925	.40319

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	2.3071	.31139	5.3406	.55996	294.44	2.9002	4.7275	.27815
Stddev	.0003	.00016	.0021	.00033	5.40	.0014	.0075	.00036
%RSD	.01161	.05000	.04010	.05932	1.8346	.05005	.15927	.13122

#1	2.3073	.31150	5.3391	.56019	290.62	2.9012	4.7328	.27841
#2	2.3069	.31128	5.3422	.55972	298.26	2.8991	4.7221	.27789

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	.51096	2.9302	1.4699	1.6179	7.1770	.9157	46.555	
Stddev	.00015	.0069	.0001	.0029	.0035	.0012	.186	
%RSD	.02846	.23448	.00884	.18007	.04895	.1297	.39848	

#1	.51086	2.9351	1.4700	1.6158	7.1795	.9149	46.686	
#2	.51107	2.9254	1.4699	1.6199	7.1745	.9166	46.423	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4553.6	63846.	4641.7	89.932	3708.9			
Stddev	19.8	2.	17.1	1.480	11.0			
%RSD	.43507	.00255	.36818	1.6462	.29673			

#1	4539.6	63848.	4629.7	90.979	3701.1			
#2	4567.6	63845.	4653.8	88.885	3716.7			

Sample Name: S5 Acquired: 8/3/2017 10:31:40 Type: Cal
Method: P4-ICP2(v2124) 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	.95491	1.8198	3.2277	1.1218	1.4162	.12680	91.517	.48692
Stddev	.00049	.0014	.0043	.0006	.0038	.00093	.559	.00180
%RSD	.05083	.07407	.13457	.05003	.26637	.73688	.61082	.36984

#1	.95526	1.8208	3.2307	1.1222	1.4189	.12614	91.913	.48565
#2	.95457	1.8189	3.2246	1.1214	1.4135	.12746	91.122	.48820

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	19.685	3.0541	.34429	6.5937	1.8269	19.101	4.8289	.80380
Stddev	.020	.0067	.00124	.0093	.0036	.247	.0397	.00105
%RSD	.09976	.22052	.35957	.14102	.19841	1.2939	.82294	.13016

#1	19.699	3.0589	.34341	6.6003	1.8295	19.275	4.8008	.80306
#2	19.672	3.0494	.34517	6.5871	1.8244	18.926	4.8570	.80454

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	4.7230	.63429	10.681	1.1161	578.44	5.8231	9.4934	.55124
Stddev	.0046	.00135	.015	.0031	7.57	.0022	.0218	.00296
%RSD	.09674	.21342	.13887	.27795	1.3091	.03843	.22942	.53738

#1	4.7262	.63333	10.692	1.1139	583.80	5.8247	9.5088	.55333
#2	4.7197	.63525	10.671	1.1183	573.09	5.8215	9.4780	.54915

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	1.0746	5.6716	3.0272	3.2270	14.347	1.914	92.834	
Stddev	.0017	.0156	.0003	.0063	.052	.002	.302	
%RSD	.16097	.27503	.01039	.19500	.36291	.1248	.32534	

#1	1.0758	5.6826	3.0274	3.2314	14.384	1.915	93.047	
#2	1.0734	5.6606	3.0269	3.2225	14.310	1.912	92.620	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4435.7	63501.	4637.0	88.792	3504.2			
Stddev	10.3	395.	15.6	1.196	5.3			
%RSD	.23242	.62264	.33724	1.3466	.15207			

#1	4428.5	63781.	4625.9	87.946	3500.4			
#2	4443.0	63222.	4648.1	89.637	3507.9			

Sample Name: ICV01 Acquired: 8/3/2017 10:36:32 Type: Unk
Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0029	.97970	.97895	.98172	.95116	2.5614	.50742
Stddev	.0018	.00219	.00223	.00003	.00080	.0017	.00055
%RSD	.18068	.22334	.22799	.00330	.08463	.06519	.10795

#1	1.0016	.97815	.97737	.98170	.95173	2.5626	.50781
#2	1.0042	.98125	.98053	.98175	.95059	2.5602	.50703

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49008	.49009	10.161	.50338	.49437	.50926	4.9147
Stddev	.00189	.00088	.031	.00113	.00127	.00037	.0052
%RSD	.38649	.17994	.30318	.22379	.25734	.07333	.10573

#1	.48874	.48947	10.183	.50259	.49347	.50900	4.9184
#2	.49142	.49071	10.139	.50418	.49527	.50952	4.9111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51463	6.1121	.49755	.49792	10.018	.49375	1.0112
Stddev	.00098	.0702	.00126	.00107	.002	.00123	.0001
%RSD	.19055	1.1482	.25299	.21481	.02410	.24836	.00965

#1	.51394	6.0625	.49666	.49716	10.019	.49288	1.0111
#2	.51533	6.1617	.49844	.49868	10.016	.49462	1.0113

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.035	2.5637	F 2.6310	F .00976	2.4819	2.4772	2.5595
Stddev	.009	.0014	.0142	.00082	.0015	.0051	.0092
%RSD	.08909	.05336	.53891	8.3717	.06056	.20462	.35907

#1	10.042	2.5647	2.6209	.01034	2.4808	2.4736	2.5530
#2	10.029	2.5628	2.6410	.00919	2.4830	2.4808	2.5660

Elem	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm
Avg	F -.00097	F -.0019	F .01049
Stddev	.00194	.0007	.00007
%RSD	199.99	37.60	.65628

#1	.00040	-.0024	.01054
#2	-.00234	-.0014	.01044

Sample Name: ICV01 Acquired: 8/3/2017 10:36:32 Type: Unk
Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV01 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	4542.8	62731.	4592.1	91.487	3815.7
Stddev	19.6	191.	2.0	.363	10.2
%RSD	.43213	.30460	.04404	.39631	.26832
#1	4528.9	62866.	4593.5	91.231	3808.5
#2	4556.7	62596.	4590.7	91.744	3822.9

Sample Name: LLICV01 Acquired: 8/3/2017 10:40:32 Type: Unk
Method: P4-ICP2(v2124) 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	.02049	.03913	.01184	.01992	.04892	.10969	.10024	.00612	.00581
Stddev	.00092	.00040	.00116	.00203	.00071	.01044	.00127	.00006	.00009
%RSD	4.5045	1.0287	9.7970	10.167	1.4576	9.5183	1.2719	1.0471	1.5628

#1	.01983	.03942	.01266	.01849	.04842	.10231	.10114	.00617	.00575
#2	.02114	.03885	.01102	.02136	.04942	.11707	.09934	.00608	.00588

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0130	.01037	.02916	.02109	.08501	.02109	2.0387	.03992	.01041
Stddev	.0143	.00005	.00015	.00011	.00209	.00009	.0031	.00026	.00004
%RSD	.70875	.52892	.50699	.53972	2.4642	.43614	.15195	.65544	.36456

#1	2.0029	.01040	.02905	.02117	.08649	.02115	2.0365	.03974	.01038
#2	2.0231	.01033	.02926	.02101	.08353	.02102	2.0409	.04011	.01044

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	1.9867	.03898	.03997	2.0189	.21298	.11358	.01554	.38750	.04215
Stddev	.0084	.00023	.00097	.0139	.00001	.01167	.00186	.00232	.00060
%RSD	.42556	.58412	2.4160	.68936	.00587	10.273	11.960	.59947	1.4139

#1	1.9927	.03914	.04065	2.0288	.21299	.12183	.01423	.38915	.04257
#2	1.9808	.03882	.03928	2.0091	.21297	.10533	.01686	.38586	.04173

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.04302	.01827	.0207	.02076
Stddev	.00022	.00251	.0002	.00024
%RSD	.50945	13.731	1.190	1.1590

#1	.04287	.01650	.0206	.02093
#2	.04318	.02005	.0209	.02059

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4629.4	63343.	4611.5	95.002	3897.2
Stddev	3.7	124.	15.2	2.332	2.6
%RSD	.07962	.19510	.32929	2.4545	.06707

#1	4632.0	63430.	4600.8	93.353	3899.1
#2	4626.7	63255.	4622.2	96.651	3895.4

Sample Name: ICB01 Acquired: 8/3/2017 10:44:44 Type: Unk
Method: P4-ICP2(v2124) 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	.00042	.00054	-.00010	.00013	-.00151	.00949	.00196	.00004
Stddev	.00158	.00128	.00040	.00006	.00052	.01170	.00039	.00001
%RSD	374.57	236.50	420.56	48.145	34.349	123.36	19.655	26.985

#1	.00154	-.00037	-.00038	.00009	-.00115	.01776	.00223	.00005
#2	-.00070	.00145	.00019	.00018	-.00188	.00121	.00169	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00006	-.00015	.00010	.00023	-.00790	-.00012	.02327
Stddev	.00003	.00081	.00004	.00002	.00014	.00145	.00003	.00410
%RSD	21.943	1285.6	28.622	25.128	60.561	18.300	23.541	17.637

#1	-.00015	-.00051	-.00012	.00011	.00013	-.00688	-.00010	.02036
#2	-.00011	.00063	-.00018	.00008	.00033	-.00893	-.00014	.02617

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	.00035	-.05290	-.00042	-.00021	.01592	.00087	.00380
Stddev	.00002	.00027	.01081	.00015	.00011	.00344	.00002	.00416
%RSD	7.5866	78.844	20.430	36.425	51.713	21.583	2.3118	109.35

#1	-.00035	.00015	-.06054	-.00052	-.00013	.01835	.00088	.00674
#2	-.00031	.00054	-.04526	-.00031	-.00028	.01349	.00085	.00086

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00089	-.00196	.00125	.00225	-.00116	-.00007	-.00004	
Stddev	.00222	.00074	.00001	.00046	.00005	.0002	.00007	
%RSD	248.10	37.829	.94153	20.256	3.9144	30.34	154.63	

#1	.00067	-.00144	.00126	.00193	-.00119	-.0006	.00000	
#2	-.00246	-.00249	.00124	.00257	-.00112	-.0009	-.00009	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4607.0	63199.	4549.6	90.872	3834.3			
Stddev	9.0	225.	16.0	1.601	4.0			
%RSD	.19433	.35576	.35087	1.7620	.10470			

#1	4600.6	63040.	4538.3	89.740	3831.4			
#2	4613.3	63358.	4560.9	92.005	3837.1			

Sample Name: CRI01 Acquired: 8/3/2017 10:53:17 Type: Unk
Method: P4-ICP2(v2124) 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	.01893	.03744	.01170	.02033	.04749	.11154	.10165	.00606	.00587
Stddev	.00188	.00061	.00108	.00166	.00295	.01038	.00017	.00003	.00000
%RSD	9.9274	1.6253	9.2001	8.1783	6.2120	9.3042	.16682	.47796	.05908

#1	.02026	.03787	.01094	.02151	.04957	.10421	.10177	.00608	.00588
#2	.01760	.03701	.01246	.01916	.04540	.11888	.10153	.00604	.00587

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9934	.01000	.02849	.02090	.09006	.02096	2.0597	.03863	.00980
Stddev	.0062	.00015	.00015	.00011	.00169	.00010	.0617	.00026	.00022
%RSD	.31159	1.4837	.52964	.53329	1.8739	.48689	2.9938	.67744	2.2348

#1	1.9890	.00990	.02860	.02097	.08886	.02103	2.1034	.03845	.00996
#2	1.9978	.01011	.02838	.02082	.09125	.02088	2.0161	.03882	.00965

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	2.0072	.03906	.04076	2.0340	.20922	.10743	.01560	.38387	.04082
Stddev	.0172	.00033	.00058	.0318	.00093	.00095	.00030	.00040	.00087
%RSD	.85912	.84959	1.4176	1.5628	.44476	.88044	1.9542	.10355	2.1326

#1	2.0194	.03930	.04035	2.0116	.20856	.10810	.01539	.38415	.04144
#2	1.9950	.03883	.04117	2.0565	.20988	.10676	.01582	.38359	.04021

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.04304	.01910	.0192	.02086
Stddev	.00025	.00097	.0004	.00014
%RSD	.58505	5.1045	1.992	.65239

#1	.04322	.01841	.0195	.02096
#2	.04287	.01978	.0190	.02076

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4646.3	63353.	4580.7	92.844	3930.6
Stddev	4.6	442.	11.8	.684	4.1
%RSD	.09987	.69724	.25831	.73679	.10392

#1	4649.6	63041.	4572.3	93.328	3927.7
#2	4643.0	63665.	4589.1	92.361	3933.5

Sample Name: ICSA01 Acquired: 8/3/2017 11:01:28 Type: Unk
Method: P4-ICP2(v2124) 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	-.00011	.00326	.00229	.00398	.00021	280.07	.00848
Stddev	.00067	.00234	.00238	.00025	.00260	.57	.00020
%RSD	639.17	71.791	103.63	6.3080	1265.6	.20390	2.3337

#1	-.00058	.00492	.00398	.00416	-.00163	280.48	.00861
#2	.00037	.00161	.00061	.00381	.00204	279.67	.00834

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00066	259.10	.04756	-.00070	.00405	103.25
Stddev	.00011	.00035	.27	.00002	.00005	.00141	2.53
%RSD	104.01	52.731	.10504	.03566	7.7193	34.912	2.4538

#1	-.00019	.00042	259.30	.04755	-.00073	.00305	105.04
#2	-.00003	.00091	258.91	.04757	-.00066	.00505	101.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01314	270.80	.00305	.00613	.00811	.00131	.00306
Stddev	.00021	.03	.00009	.00106	.00940	.00011	.00018
%RSD	1.5833	.01131	2.8132	17.240	115.90	8.3548	5.7625

#1	.01329	270.82	.00299	.00688	.01475	.00124	.00318
#2	.01300	270.78	.00311	.00538	.00146	.00139	.00293

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03027	.00005	-.02897	F -.02102	-.00500	.00097	-.00152
Stddev	.02594	.00006	.00847	.00085	.00123	.00049	.00040
%RSD	85.697	126.71	29.224	4.0355	24.547	50.608	26.528

#1	.04862	.00009	-.02298	-.02042	-.00587	.00062	-.00180
#2	.01193	.00001	-.03495	-.02162	-.00413	.00132	-.00123

Elem	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm
Avg	.00401	.0079	F .08447
Stddev	.00275	.0009	.00041
%RSD	68.493	11.01	.48901

#1	.00595	.0086	.08476
#2	.00207	.0073	.08418

Sample Name: ICSA01 Acquired: 8/3/2017 11:01:28 Type: Unk
Method: P4-ICP2(v2124) 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	4299.8	60716.	4453.3	84.464	3473.3
Stddev	8.0	63.	18.7	2.169	3.6
%RSD	.18583	.10409	.42086	2.5679	.10477
#1	4305.4	60671.	4440.0	82.930	3475.9
#2	4294.1	60760.	4466.5	85.998	3470.8

Sample Name: ICSAB01 Acquired: 8/3/2017 11:05:43 Type: Unk
Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10138	.10468	.05125	.05403	.59945	259.38	.51873	.50871
Stddev	.00168	.00184	.00026	.00087	.00299	.52	.00081	.00059
%RSD	1.6575	1.7560	.51292	1.6100	.49855	.19863	.15652	.11626

#1	.10019	.10598	.05106	.05464	.60156	259.75	.51931	.50829
#2	.10257	.10338	.05144	.05341	.59733	259.02	.51816	.50913

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94605	240.28	.52531	.47216	.47251	94.723	.51545	250.45
Stddev	.00112	.67	.00043	.00027	.00036	1.242	.00020	.60
%RSD	.11820	.27769	.08219	.05669	.07588	1.3114	.03875	.24134

#1	.94526	240.75	.52501	.47197	.47276	95.602	.51559	250.87
#2	.94685	239.81	.52562	.47235	.47225	93.845	.51531	250.02

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92621	.21492	.01844	.49228	1.0042	.04365	.97281	.97260
Stddev	.00041	.00033	.00489	.00185	.0148	.01417	.00285	.00408
%RSD	.04465	.15180	26.495	.37667	1.4748	32.461	.29245	.41940

#1	.92591	.21469	.01498	.49097	1.0147	.05367	.97080	.97548
#2	.92650	.21515	.02189	.49360	.99372	.03363	.97482	.96971

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	F .22443	.94198	.95846	.97337	F .31580	F .3041	F .36545	
Stddev	.00017	.00398	.00679	.00559	.00142	.0009	.00145	
%RSD	.07422	.42240	.70891	.57412	.44942	.2869	.39569	

#1	.22455	.93916	.95365	.97732	.31680	.3034	.36647	
#2	.22432	.94479	.96326	.96942	.31480	.3047	.36443	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4306.5	60881.	4453.8	85.353	3461.0			
Stddev	18.1	154.	13.8	1.331	5.0			
%RSD	.41945	.25302	.30978	1.5592	.14394			

#1	4293.7	60773.	4444.0	84.412	3457.5			
#2	4319.2	60990.	4463.5	86.294	3464.5			

Sample Name: CCV01 Acquired: 8/3/2017 11:09:47 Type: Unk
Method: P4-ICP2(v2124) 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	4.9333	4.7822	4.8326	4.9092	4.9382	10.089	9.9930	.24812	2.4288
Stddev	.0036	.0129	.0030	.0010	.0031	.087	.1053	.00131	.0043
%RSD	.07287	.26918	.06246	.01939	.06305	.86096	1.0539	.52995	.17719

#1	4.9308	4.7913	4.8347	4.9086	4.9404	10.150	9.9186	.24905	2.4319
#2	4.9359	4.7731	4.8304	4.9099	4.9360	10.027	10.068	.24719	2.4258

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.100	.97870	2.4092	1.2283	4.7780	2.5396	25.170	2.4153	1.2143
Stddev	.018	.00309	.0051	.0003	.0861	.0043	.034	.0026	.0007
%RSD	.07000	.31536	.21322	.02644	1.8010	.17087	.13310	.10721	.06089

#1	25.112	.98088	2.4128	1.2281	4.7171	2.5426	25.147	2.4172	1.2149
#2	25.087	.97651	2.4055	1.2285	4.8388	2.5365	25.194	2.4135	1.2138

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	24.864	2.4791	2.4495	25.289	4.9441	5.0839	4.8115	4.9209	4.8134
Stddev	.101	.0053	.0237	.084	.0029	.0311	.0037	.0345	.0079
%RSD	.40772	.21583	.96594	.33375	.05778	.61253	.07588	.70136	.16392

#1	24.793	2.4829	2.4328	25.229	4.9461	5.0619	4.8089	4.8965	4.8189
#2	24.936	2.4754	2.4662	25.348	4.9421	5.1059	4.8141	4.9453	4.8078

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.9397	5.0693	4.964	4.9516
Stddev	.0030	.0076	.004	.0322
%RSD	.06043	.14913	.0886	.64993

#1	4.9418	5.0640	4.961	4.9288
#2	4.9376	5.0747	4.967	4.9743

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4557.0	63291.	4554.7	91.660	3736.7
Stddev	4.4	261.	15.4	.863	7.0
%RSD	.09739	.41280	.33765	.94170	.18614

#1	4553.8	63106.	4565.6	92.271	3731.8
#2	4560.1	63476.	4543.9	91.050	3741.6

Sample Name: LLCCV01 Acquired: 8/3/2017 11:13:55 Type: Unk
Method: P4-ICP2(v2124) 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	.01908	.03666	.01103	.02009	.04775	.10704	.10168	.00606	.00582
Stddev	.00061	.00036	.00162	.00177	.00121	.01355	.00025	.00006	.00002
%RSD	3.2134	.98613	14.696	8.8077	2.5244	12.655	.24245	.93835	.31173

#1	.01952	.03691	.01217	.02134	.04690	.11662	.10185	.00602	.00581
#2	.01865	.03640	.00988	.01884	.04861	.09746	.10150	.00610	.00584

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9834	.01002	.02848	.02098	.08727	.02093	2.0535	.03848	.01003
Stddev	.0099	.00018	.00011	.00029	.00737	.00009	.0234	.00008	.00024
%RSD	.49902	1.7926	.37167	1.3928	8.4447	.41009	1.1419	.20682	2.4315

#1	1.9904	.01015	.02855	.02077	.09248	.02100	2.0369	.03843	.01020
#2	1.9764	.00990	.02841	.02118	.08206	.02087	2.0701	.03854	.00985

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9618	.03868	.04034	2.0008	.21118	.10694	.01507	.38077	.04102
Stddev	.0107	.00034	.00104	.0046	.00034	.00085	.00200	.00139	.00010
%RSD	.54821	.88464	2.5774	.23090	.16102	.79470	13.279	.36517	.24441

#1	1.9695	.03892	.04107	2.0040	.21094	.10754	.01365	.38176	.04109
#2	1.9542	.03844	.03960	1.9975	.21142	.10634	.01648	.37979	.04095

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.04401	.01770	.0201	.02048
Stddev	.00160	.00069	.0002	.00010
%RSD	3.6347	3.8802	.9258	.48685

#1	.04514	.01819	.0202	.02056
#2	.04288	.01722	.0200	.02041

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4634.3	63069.	4570.5	93.181	3936.9
Stddev	4.2	50.	10.5	2.184	14.6
%RSD	.09003	.07982	.22910	2.3432	.36969

#1	4631.3	63034.	4563.1	91.637	3926.6
#2	4637.2	63105.	4577.9	94.725	3947.2

Sample Name: CCB01 Acquired: 8/3/2017 11:18:09 Type: Unk
Method: P4-ICP2(v2124) 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	-.00018	-.00003	-.00035	-.00215	-.00003	-.00490	.00199	.00000
Stddev	.00138	.00038	.00018	.00085	.00125	.00091	.00023	.0000
%RSD	763.09	1127.6	50.826	39.695	3642.5	18.629	11.736	225.17

#1	.00079	.00023	-.00023	-.00275	-.00092	-.00554	.00182	.00000
#2	-.00115	-.00030	-.00048	-.00155	.00085	-.00425	.00215	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00149	.00006	-.00015	.00014	-.01120	-.00017	.03582
Stddev	.00007	.00543	.00011	.00000	.00034	.01135	.00003	.01096
%RSD	544.94	365.87	193.25	2.8150	238.89	101.39	15.881	30.609

#1	-.00007	.00236	-.00002	-.00015	-.00010	-.00317	-.00015	.02807
#2	.00004	-.00533	.00014	-.00015	.00038	-.01923	-.00018	.04357

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	-.00001	-.05603	-.00043	-.00018	-.02122	.00036	.00063
Stddev	.00062	.00060	.01205	.00003	.00001	.00862	.00022	.00058
%RSD	82.602	5145.6	21.505	7.1796	5.0408	40.610	59.793	91.807

#1	-.00031	-.00044	-.06455	-.00045	-.00017	-.01512	.00051	.00104
#2	-.00119	.00041	-.04751	-.00041	-.00018	-.02731	.00021	.00022

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00113	-.00251	.00040	.00137	-.00259	-.00005	-.00016	
Stddev	.00107	.00362	.00007	.00105	.00099	.0009	.00009	
%RSD	94.168	144.44	17.299	76.407	38.116	191.5	57.813	

#1	-.00038	.00005	.00035	.00063	-.00189	-.0011	-.00023	
#2	-.00189	-.00507	.00044	.00212	-.00328	.0002	-.00009	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4641.9	63362.	4563.8	91.906	3882.9			
Stddev	.4	376.	10.5	.446	3.9			
%RSD	.00763	.59358	.22956	.48494	.10111			

#1	4642.1	63096.	4556.4	92.221	3885.7			
#2	4641.6	63628.	4571.3	91.591	3880.1			

Sample Name: I4488-15 Acquired: 8/3/2017 11:22:24 Type: Unk
 Method: P4-ICP2(v2124) 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	.00086	.00074	-.00020	-.00115	.04525	.20818	.00018
Stddev	.00052	.00104	.00144	.00065	.00171	.00096	.00116	.00004
%RSD	118.74	121.29	194.16	330.97	147.73	2.1231	.55486	20.041

#1	.00007	.00160	-.00028	.00026	-.00236	.04593	.20736	.00016
#2	.00080	.00012	.00176	-.00066	.00005	.04457	.20899	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	3.5937	-.00035	-.00011	.01323	.00732	.26059	.51641
Stddev	.00005	.0113	.00022	.00003	.00023	.00233	.00015	.01600
%RSD	20.799	.31549	63.713	29.823	1.7075	31.853	.05653	3.0976

#1	.00026	3.6017	-.00051	-.00014	.01307	.00897	.26049	.52772
#2	.00019	3.5857	-.00019	-.00009	.01339	.00567	.26070	.50510

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00089	.00024	274.30	.00032	.06610	.91621	-.00029	.04186
Stddev	.00019	.00038	.96	.00059	.00040	.01976	.00005	.00172
%RSD	20.812	156.47	.34885	186.69	.60514	2.1570	18.999	4.1032

#1	.00076	-.00003	274.97	-.00010	.06638	.93019	-.00032	.04308
#2	.00103	.00051	273.62	.00073	.06582	.90224	-.00025	.04065

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.10708	.28592	.00070	.00306	-.00058	.0209	.01848	
Stddev	.00024	.00067	.00040	.00092	.00159	.0008	.00006	
%RSD	.22718	.23454	56.835	29.876	274.39	3.663	.31693	

#1	.10691	.28545	.00099	.00242	.00055	.0215	.01843	
#2	.10726	.28640	.00042	.00371	-.00171	.0204	.01852	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4599.7	64275.	4615.1	95.239	3930.8			
Stddev	7.0	126.	25.3	.424	6.4			
%RSD	.15312	.19653	.54729	.44566	.16190			

#1	4604.6	64365.	4597.2	94.939	3935.3			
#2	4594.7	64186.	4633.0	95.539	3926.3			

Sample Name: I4488-13RE Acquired: 8/3/2017 11:28:13 Type: Unk
Method: P4-ICP2(v2124) 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	.03886	.01393	.34458	.10432	.00359	121.36	.83517	.00644	.00147
Stddev	.00086	.00043	.00182	.00118	.00116	.27	.00103	.00008	.00015
%RSD	2.2234	3.0876	.52940	1.1267	32.342	.22640	.12375	1.2210	10.417

#1	.03947	.01423	.34587	.10515	.00277	121.55	.83590	.00650	.00136
#2	.03825	.01362	.34329	.10349	.00441	121.16	.83443	.00639	.00158

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.714	.17569	.14135	.47474	275.36	7.3065	54.558	.27937	.02077
Stddev	.038	.00107	.00026	.00233	2.38	.0041	.055	.00070	.00027
%RSD	.20462	.60912	.18229	.49046	.86481	.05648	.10104	.25056	1.3030

#1	18.741	.17645	.14153	.47310	277.05	7.3094	54.519	.27986	.02096
#2	18.687	.17493	.14117	.47639	273.68	7.3036	54.597	.27887	.02058

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	8.3290	.28664	.87738	17.036	.00155	.05323	.43431	3.1720	.01446
Stddev	.0024	.00053	.00899	.024	.00004	.00611	.00097	.0063	.00021
%RSD	.02856	.18337	1.0244	.13836	2.7927	11.482	.22389	.19781	1.4348

#1	8.3307	.28701	.88373	17.020	.00158	.04891	.43500	3.1764	.01431
#2	8.3273	.28627	.87102	17.053	.00152	.05756	.43362	3.1676	.01460

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	2.2379	.23626	6.487	.08994
Stddev	.0010	.00065	.015	.00006
%RSD	.04338	.27486	.2337	.06558

#1	2.2372	.23580	6.497	.08990
#2	2.2386	.23671	6.476	.08999

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5623.5	78828.	5706.6	90.662	3691.8
Stddev	2.1	535.	34.2	1.008	10.4
%RSD	.03797	.67832	.59958	1.1120	.28208

#1	5622.0	78450.	5682.4	89.949	3684.4
#2	5625.1	79206.	5730.8	91.375	3699.2

Sample Name: I4488-15DUP Acquired: 8/3/2017 11:32:18 Type: Unk
Method: P4-ICP2(v2124) 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	.00043	.00046	-.00107	-.00140	.04824	.20259	.00015
Stddev	.00032	.00008	.00026	.00082	.00048	.00280	.00049	.00002
%RSD	125.24	19.264	57.641	76.616	34.703	5.8052	.24323	15.556

#1	.00003	.00049	.00064	-.00164	-.00105	.04626	.20224	.00016
#2	.00048	.00038	.00027	-.00049	-.00174	.05022	.20293	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	3.4892	.00018	-.00012	.01412	.02268	.25637	.51345
Stddev	.00002	.0123	.00011	.00019	.00045	.01243	.00073	.02493
%RSD	9.2618	.35157	64.245	157.09	3.1757	54.822	.28610	4.8551

#1	.00020	3.4805	.00010	.00001	.01444	.03147	.25689	.49582
#2	.00017	3.4979	.00026	-.00026	.01381	.01389	.25585	.53107

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	.00028	263.59	-.00042	.06575	.89208	-.00039	.03063
Stddev	.00009	.00004	.96	.00039	.00047	.01120	.00000	.00033
%RSD	8.8544	12.859	.36555	91.858	.70832	1.2557	.12515	1.0678

#1	.00100	.00025	262.91	-.00015	.06542	.90000	-.00039	.03040
#2	.00113	.00030	264.27	-.00070	.06608	.88416	-.00039	.03086

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.10621	.28713	.00010	.00318	.00008	.0204	.01810	
Stddev	.00076	.00078	.00046	.00031	.00012	.0010	.00020	
%RSD	.71379	.27137	472.17	9.8988	162.04	4.659	1.0842	

#1	.10567	.28658	-.00023	.00340	.00016	.0211	.01796	
#2	.10675	.28768	.00042	.00295	-.00001	.0198	.01824	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4609.7	64653.	4591.2	95.205	3935.7			
Stddev	19.8	631.	29.3	.411	13.7			
%RSD	.43035	.97628	.63878	.43198	.34738			

#1	4595.6	64207.	4570.5	95.496	3926.0			
#2	4623.7	65099.	4612.0	94.915	3945.3			

Sample Name: I4488-15LX5 Acquired: 8/3/2017 11:36:36 Type: Unk
Method: P4-ICP2(v2124) 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	.00071	.00096	-.00019	-.00046	-.00198	.00754	.04331	.00007
Stddev	.00004	.00007	.00020	.00035	.00079	.01132	.00066	.00002
%RSD	5.6537	6.9123	106.98	74.820	40.096	150.00	1.5148	35.139

#1	.00068	.00100	-.00005	-.00071	-.00142	-.00046	.04377	.00009
#2	.00074	.00091	-.00033	-.00022	-.00254	.01555	.04284	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.73087	-.00043	-.00005	.00272	-.00530	.05385	.11647
Stddev	.00004	.01755	.00006	.00002	.00029	.00523	.00025	.00719
%RSD	137.17	2.4007	13.218	48.844	10.484	98.773	.46040	6.1769

#1	.00006	.74328	-.00047	-.00006	.00292	-.00160	.05403	.12156
#2	.00000	.71846	-.00039	-.00003	.00252	-.00900	.05368	.11138

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00002	55.967	-.00070	.01290	.21069	-.00007	.00710
Stddev	.00000	.00026	.057	.00010	.00017	.01048	.00006	.00295
%RSD	6.6670	1062.0	.10181	14.836	1.3474	4.9760	91.451	41.564

#1	.00003	-.00021	55.927	-.00063	.01302	.20328	-.00012	.00919
#2	.00003	.00016	56.008	-.00077	.01278	.21811	-.00002	.00501

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.02070	.05487	-.00044	.00548	-.00050	.0042	.00371	
Stddev	.00099	.00029	.00026	.00073	.00104	.0000	.00021	
%RSD	4.7886	.53186	59.398	13.303	209.95	.8947	5.7471	

#1	.02000	.05507	-.00062	.00600	-.00123	.0042	.00386	
#2	.02140	.05466	-.00025	.00497	.00024	.0041	.00356	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4650.5	64001.	4566.9	96.001	4013.7			
Stddev	14.9	154.	6.2	1.290	1.4			
%RSD	.32007	.24074	.13521	1.3438	.03508			

#1	4640.0	63892.	4562.5	95.089	4012.7			
#2	4661.0	64110.	4571.3	96.913	4014.6			

Sample Name: I4488-15MS Acquired: 8/3/2017 11:40:48 Type: Unk
Method: P4-ICP2(v2124) 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	.89412	2.0267	1.0287	2.2466	.84678	2.2138	.43290	.21920	.21086
Stddev	.00139	.0060	.0013	.0097	.00108	.0030	.00074	.00019	.00053
%RSD	.15560	.29424	.12857	.43327	.12775	.13617	.17018	.08875	.25056

#1	.89314	2.0225	1.0277	2.2397	.84601	2.2117	.43342	.21934	.21049
#2	.89511	2.0309	1.0296	2.2535	.84754	2.2159	.43238	.21907	.21123

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7382	.43297	.21146	.35295	3.2032	.48222	2.7824	.52701	.08048
Stddev	.0249	.00194	.00011	.00046	.0704	.00068	.0197	.00085	.00058
%RSD	.52631	.44908	.05289	.13062	2.1978	.14013	.70842	.16121	.71991

#1	4.7206	.43434	.21154	.35263	3.1534	.48270	2.7964	.52641	.08007
#2	4.7558	.43159	.21138	.35328	3.2529	.48174	2.7685	.52761	.08089

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	271.25	.32926	.29125	12.230	.44117	.36888	.10344	1.3701	.74356
Stddev	.63	.00033	.00476	.017	.00010	.00057	.00079	.0004	.00033
%RSD	.23119	.10050	1.6357	.13895	.02208	.15417	.76758	.02873	.04495

#1	271.69	.32949	.28788	12.218	.44110	.36928	.10400	1.3704	.74380
#2	270.81	.32903	.29462	12.242	.44123	.36848	.10288	1.3698	.74333

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.22480	.22014	6.014	.22508
Stddev	.00076	.00170	.024	.00115
%RSD	.33635	.77046	.3976	.51048

#1	.22533	.21894	5.997	.22589
#2	.22426	.22134	6.031	.22427

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4591.6	64610.	4561.2	93.562	3908.0
Stddev	3.4	113.	6.7	1.212	4.6
%RSD	.07383	.17544	.14749	1.2955	.11691

#1	4594.0	64690.	4566.0	94.419	3911.3
#2	4589.2	64530.	4556.5	92.705	3904.8

Sample Name: I4488-15MSD Acquired: 8/3/2017 11:44:51 Type: Unk
Method: P4-ICP2(v2124) 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	.89217	2.0084	1.0167	2.2269	.84311	2.2239	.42932	.21831	.20920
Stddev	.00174	.0035	.0008	.0044	.00190	.0145	.00120	.00069	.00022
%RSD	.19450	.17246	.08329	.19575	.22513	.65106	.27947	.31444	.10294

#1	.89094	2.0108	1.0173	2.2300	.84445	2.2137	.43017	.21879	.20905
#2	.89339	2.0059	1.0161	2.2238	.84176	2.2342	.42847	.21782	.20935

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6776	.43210	.20938	.35097	3.1677	.48136	2.7656	.52242	.08027
Stddev	.0087	.00043	.00006	.00017	.1233	.00028	.0037	.00018	.00006
%RSD	.18505	.10013	.03011	.04713	3.8927	.05765	.13217	.03413	.07775

#1	4.6837	.43240	.20934	.35109	3.0805	.48116	2.7682	.52229	.08022
#2	4.6715	.43179	.20943	.35086	3.2549	.48156	2.7630	.52255	.08031

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	266.02	.32827	.29069	12.154	.43935	.35741	.10051	1.3538	.73581
Stddev	4.47	.00030	.01002	.039	.00071	.00230	.00112	.0146	.00170
%RSD	1.6790	.09082	3.4460	.31886	.16122	.64392	1.1167	1.0753	.23083

#1	269.18	.32806	.28360	12.182	.43885	.35904	.10131	1.3641	.73701
#2	262.87	.32848	.29777	12.127	.43985	.35578	.09972	1.3435	.73461

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.22565	.21774	5.957	.22304
Stddev	.00035	.00172	.007	.00047
%RSD	.15583	.78928	.1135	.20854

#1	.22540	.21895	5.962	.22336
#2	.22590	.21652	5.953	.22271

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4607.2	64432.	4572.3	93.895	3929.8
Stddev	.5	53.	33.4	2.508	4.8
%RSD	.01156	.08243	.73082	2.6708	.12191

#1	4607.6	64395.	4548.7	95.669	3926.4
#2	4606.9	64470.	4595.9	92.122	3933.2

Sample Name: I4488-15A Acquired: 8/3/2017 11:48:52 Type: Unk
Method: P4-ICP2(v2124) 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	.89935	2.0415	1.0330	2.2543	.84879	2.2536	.43466	.22121	.21227
Stddev	.00240	.0019	.0015	.0020	.00235	.0100	.00054	.00077	.00016
%RSD	.26671	.09206	.14725	.08712	.27725	.44221	.12505	.34821	.07654

#1	.89766	2.0401	1.0341	2.2557	.85045	2.2606	.43504	.22175	.21216
#2	.90105	2.0428	1.0320	2.2530	.84713	2.2465	.43427	.22066	.21239

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7441	.43635	.21335	.35420	3.2367	.48525	2.7338	.53084	.08147
Stddev	.0019	.00008	.00047	.00047	.0916	.00042	.0185	.00062	.00002
%RSD	.04066	.01851	.22151	.13205	2.8317	.08640	.67546	.11693	.02072

#1	4.7427	.43640	.21301	.35387	3.3015	.48554	2.7469	.53040	.08148
#2	4.7455	.43629	.21368	.35453	3.1719	.48495	2.7208	.53128	.08146

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	267.12	.33129	.29284	12.366	.44252	.36586	.10125	1.3769	.74350
Stddev	1.76	.00079	.00877	.064	.00110	.00144	.00036	.0032	.00107
%RSD	.65738	.23854	2.9940	.51705	.24920	.39393	.35368	.23569	.14373

#1	265.88	.33185	.29904	12.411	.44175	.36485	.10151	1.3746	.74425
#2	268.36	.33073	.28664	12.321	.44330	.36688	.10100	1.3792	.74274

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.22725	.22289	6.054	.22677
Stddev	.00163	.00033	.009	.00025
%RSD	.71876	.14794	.1573	.10995

#1	.22610	.22266	6.048	.22694
#2	.22841	.22313	6.061	.22659

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4625.8	64740.	4560.3	94.010	3931.5
Stddev	5.8	15.	.2	2.268	6.3
%RSD	.12638	.02344	.00490	2.4122	.15933

#1	4630.0	64751.	4560.2	92.407	3935.9
#2	4621.7	64729.	4560.5	95.614	3927.1

Sample Name: I4537-09DLX10 Acquired: 8/3/2017 11:52:55 Type: Unk
Method: P4-ICP2(v2124) 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	.00414	.01346	.22590	.08183	.00873	3.0014	8.0507	-.00016
Stddev	.00107	.00032	.00163	.00063	.00018	.0153	.0375	.00001
%RSD	25.705	2.4086	.72089	.77508	2.0946	.50933	.46601	9.2440

#1	.00490	.01323	.22475	.08139	.00886	2.9906	8.0773	-.00015
#2	.00339	.01369	.22706	.08228	.00860	3.0122	8.0242	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	5.6194	.46455	.01265	.63097	229.45	7.4575	34.672
Stddev	.00021	.0066	.00011	.00008	.00109	2.26	.0302	.007
%RSD	22.951	.11750	.02472	.63980	.17196	.98424	.40528	.02100

#1	-.00075	5.6241	.46447	.01259	.63174	227.85	7.4789	34.678
#2	-.00105	5.6148	.46463	.01271	.63020	231.04	7.4361	34.667

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26431	.01650	.35202	.03856	1.6495	.46547	.04123	-.01739
Stddev	.00026	.00054	.00167	.00019	.0132	.01644	.00037	.00063
%RSD	.09735	3.2892	.47352	.48370	.79710	3.5321	.89157	3.6501

#1	.26449	.01612	.35320	.03869	1.6402	.47709	.04149	-.01784
#2	.26413	.01689	.35084	.03843	1.6588	.45384	.04097	-.01694

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	2.5911	.38125	.03052	.62891	.03488	.7263	.39123	
Stddev	.0081	.00220	.00000	.00024	.00150	.0020	.00013	
%RSD	.31194	.57733	.00242	.03867	4.3118	.2816	.03354	

#1	2.5854	.37969	.03052	.62874	.03595	.7277	.39113	
#2	2.5968	.38281	.03052	.62908	.03382	.7248	.39132	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4623.0	64502.	4717.8	94.088	3781.5			
Stddev	4.0	272.	7.5	.828	.5			
%RSD	.08606	.42094	.15946	.87949	.01275			

#1	4620.2	64310.	4712.4	94.674	3781.9			
#2	4625.8	64694.	4723.1	93.503	3781.2			

Sample Name: I4543-04 Acquired: 8/3/2017 11:57:10 Type: Unk
Method: P4-ICP2(v2124) 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	.10811	.00781	.72088	.09870	.00697	114.23	1.0055	.00322	.00279
Stddev	.00142	.00113	.00291	.00279	.00155	.94	.0008	.00000	.00002
%RSD	1.3124	14.403	.40329	2.8289	22.205	.82371	.08284	.03086	.68191

#1	.10710	.00861	.71882	.09673	.00587	114.90	1.0049	.00322	.00278
#2	.10911	.00702	.72294	.10067	.00806	113.57	1.0061	.00322	.00280

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	130.29	.17723	.11879	.53907	287.84	3.0128	84.005	.26181	.02168
Stddev	.03	.00034	.00002	.00031	1.07	.0149	.191	.00053	.00038
%RSD	.02667	.19238	.01552	.05665	.37223	.49582	.22679	.20355	1.7431

#1	130.31	.17747	.11878	.53929	287.08	3.0233	83.870	.26219	.02195
#2	130.26	.17699	.11880	.53886	288.59	3.0022	84.140	.26143	.02142

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	8.9289	.39267	.74448	21.408	.00598	.44451	6.7348	28.448	.03697
Stddev	.0331	.00016	.00268	.016	.00010	.00318	.0146	.192	.00007
%RSD	.37087	.04111	.36024	.07595	1.7489	.71552	.21694	.67604	.19561

#1	8.9523	.39255	.74258	21.396	.00590	.44226	6.7244	28.312	.03692
#2	8.9054	.39278	.74637	21.419	.00605	.44676	6.7451	28.584	.03702

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	7.4200	.13432	8.438	.28859
Stddev	.0017	.00089	.020	.00002
%RSD	.02242	.66624	.2405	.00558

#1	7.4212	.13495	8.424	.28858
#2	7.4189	.13369	8.453	.28860

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5557.8	79524.	5784.6	90.635	3570.7
Stddev	8.7	574.	1.4	.222	.7
%RSD	.15716	.72216	.02407	.24531	.01895

#1	5551.6	79118.	5785.6	90.793	3570.3
#2	5564.0	79930.	5783.6	90.478	3571.2

Sample Name: I4559-03 Acquired: 8/3/2017 12:03:51 Type: Unk
Method: P4-ICP2(v2124) 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	.06848	.00934	.31656	.10517	.00303	76.678	.35165	.00381
Stddev	.00010	.00004	.00230	.00501	.00146	.419	.00019	.00008
%RSD	.13895	.45654	.72681	4.7600	48.038	.54700	.05407	2.0406

#1	.06854	.00931	.31818	.10871	.00200	76.974	.35151	.00376
#2	.06841	.00937	.31493	.10163	.00407	76.381	.35178	.00387

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00128	15.920	.17739	.04175	.15154	275.88	1.2243	16.829
Stddev	.00060	.025	.00034	.00018	.00302	5.92	.0004	.038
%RSD	46.655	.15669	.19001	.42280	1.9937	2.1476	.02911	.22419

#1	-.00170	15.902	.17762	.04187	.14941	280.07	1.2241	16.803
#2	-.00085	15.937	.17715	.04162	.15368	271.69	1.2246	16.856

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23632	.01981	.71771	.22657	.36732	3.8893	.00326	-.04022
Stddev	.00066	.00064	.01043	.00041	.00599	.0048	.00038	.01722
%RSD	.27726	3.2115	1.4533	.18169	1.6318	.12291	11.651	42.816

#1	.23679	.02026	.72508	.22686	.37156	3.8927	.00299	-.02804
#2	.23586	.01936	.71033	.22628	.36309	3.8859	.00353	-.05240

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.82097	2.8373	.01822	1.5303	.05440	3.864	.10421	
Stddev	.00477	.0257	.00047	.0013	.00162	.002	.00060	
%RSD	.58111	.90735	2.5835	.08273	2.9845	.0488	.57378	

#1	.82434	2.8191	.01789	1.5312	.05555	3.866	.10463	
#2	.81760	2.8555	.01856	1.5294	.05326	3.863	.10378	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5128.8	71356.	5230.5	92.539	3797.0			
Stddev	11.2	152.	25.5	1.673	12.6			
%RSD	.21907	.21248	.48729	1.8082	.33274			

#1	5120.9	71248.	5248.5	91.356	3788.0			
#2	5136.8	71463.	5212.5	93.722	3805.9			

Sample Name: CCV02 Acquired: 8/3/2017 12:07:51 Type: Unk
Method: P4-ICP2(v2124) 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	4.8681	4.7590	4.7638	4.8751	4.8781	10.000	9.8484	.24540	2.4017
Stddev	.0044	.0084	.0140	.0019	.0165	.000	.0191	.00000	.0034
%RSD	.09059	.17683	.29465	.03983	.33743	.00415	.19371	.00103	.14172

#1	4.8712	4.7530	4.7539	4.8738	4.8898	10.001	9.8619	.24540	2.3993
#2	4.8650	4.7649	4.7737	4.8765	4.8665	10.000	9.8349	.24540	2.4041

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.688	.96869	2.3869	1.2225	4.8382	2.5002	24.540	2.3940	1.1975
Stddev	.040	.00115	.0064	.0011	.1509	.0048	.109	.0050	.0021
%RSD	.16028	.11869	.26925	.09061	3.1191	.19197	.44374	.20812	.17426

#1	24.716	.96788	2.3824	1.2217	4.9449	2.4968	24.617	2.3904	1.1989
#2	24.660	.96950	2.3915	1.2232	4.7315	2.5036	24.463	2.3975	1.1960

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	24.483	2.4428	2.4553	24.827	4.8713	4.9918	4.7911	4.8805	4.7616
Stddev	.142	.0052	.0699	.068	.0037	.0055	.0189	.0349	.0081
%RSD	.57838	.21352	2.8481	.27536	.07542	.11092	.39469	.71506	.16989

#1	24.583	2.4391	2.5048	24.875	4.8739	4.9879	4.7777	4.9051	4.7558
#2	24.383	2.4465	2.4059	24.779	4.8687	4.9957	4.8044	4.8558	4.7673

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8872	5.0060	4.984	4.9262
Stddev	.0128	.0221	.007	.0405
%RSD	.26131	.44191	.1362	.82158

#1	4.8962	5.0216	4.980	4.8975
#2	4.8781	4.9903	4.989	4.9548

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4580.1	63705.	4601.2	90.801	3743.0
Stddev	14.8	57.	19.0	2.743	1.4
%RSD	.32362	.08969	.41353	3.0208	.03738

#1	4569.6	63665.	4587.8	88.861	3742.0
#2	4590.6	63746.	4614.7	92.740	3744.0

Sample Name: CCB02 Acquired: 8/3/2017 12:11:57 Type: Unk

Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000

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

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00114	.00038	.00041	-.00056	-.00046	.00646	.00244	.00001
Stddev	.00100	.00132	.00073	.00163	.00136	.01014	.00010	.00005
%RSD	87.743	346.99	178.72	293.43	297.67	157.00	4.2663	381.90

#1	.00184	-.00055	.00092	.00060	.00050	.01363	.00237	-.00002
#2	.00043	.00131	-.00011	-.00171	-.00142	-.00071	.00252	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00996	-.00008	-.00003	.00027	.00322	.00005	.01619
Stddev	.00010	.01454	.00015	.00003	.00040	.00620	.00001	.00989
%RSD	117.50	145.99	198.10	97.510	149.51	192.47	22.879	61.047

#1	-.00001	.02024	.00003	-.00001	.00055	.00760	.00005	.02318
#2	-.00015	-.00032	-.00019	-.00005	-.00002	-.00116	.00004	.00920

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	-.00018	-.00507	-.00061	-.00010	.01738	.00237	.01297
Stddev	.00011	.00059	.00690	.00030	.00006	.01961	.00079	.00362
%RSD	17.795	322.33	135.99	49.344	56.614	112.86	33.536	27.902

#1	-.00069	-.00060	-.00995	-.00082	-.00014	.03125	.00293	.01041
#2	-.00053	.00023	-.00019	-.00040	-.00006	.00351	.00181	.01553

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00095	-.00239	.00112	.00268	-.00457	-.0011	-.00018	
Stddev	.00104	.00100	.00005	.00125	.00017	.0004	.00012	
%RSD	109.99	41.942	4.7317	46.559	3.6235	35.17	66.652	

#1	-.00168	-.00168	.00116	.00356	-.00445	-.0013	-.00010	
#2	-.00021	-.00309	.00108	.00180	-.00469	-.0008	-.00027	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4632.9	62591.	4534.1	91.395	3855.1			
Stddev	13.5	148.	14.1	.715	9.2			
%RSD	.29203	.23635	.31009	.78188	.23802			

#1	4623.4	62487.	4524.2	91.901	3848.6			
#2	4642.5	62696.	4544.0	90.890	3861.6			

Sample Name: PB101194BL Acquired: 8/3/2017 12:16:14 Type: Unk
Method: P4-ICP2(v2124) 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	.00064	.00070	-.00006	-.00064	-.00109	-.00150	.00169	-.00001
Stddev	.00023	.00123	.00077	.00074	.00237	.01954	.00122	.00005
%RSD	36.458	175.34	1178.1	116.40	216.37	1302.4	72.175	420.14

#1	.00080	-.00017	-.00061	-.00011	-.00277	.01231	.00256	.00002
#2	.00047	.00157	.00048	-.00116	.00058	-.01531	.00083	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.02109	.00005	-.00007	-.00030	-.00718	-.00006	.00566
Stddev	.00010	.00400	.00042	.00010	.00039	.01068	.00001	.01201
%RSD	147.41	18.985	775.60	146.98	131.07	148.61	12.217	212.21

#1	-.00014	-.02392	-.00024	-.00014	-.00002	-.01473	-.00006	.01415
#2	.00000	-.01826	.00035	.00000	-.00057	.00037	-.00007	-.00283

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	.00046	-.03362	-.00053	-.00026	-.02969	.00031	-.00076
Stddev	.00026	.00052	.01301	.00011	.00005	.02793	.00005	.00069
%RSD	61.573	112.29	38.699	19.799	19.951	94.073	15.032	90.944

#1	-.00024	.00010	-.04282	-.00060	-.00030	-.00994	.00028	-.00027
#2	-.00061	.00083	-.02442	-.00046	-.00023	-.04943	.00034	-.00125

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00186	-.00435	-.00049	.00309	-.00312	-.0010	-.00002	
Stddev	.00036	.00181	.00005	.00031	.00258	.0009	.00004	
%RSD	19.569	41.535	9.9590	10.080	82.701	85.00	260.95	

#1	-.00160	-.00307	-.00045	.00331	-.00495	-.0004	-.00005	
#2	-.00211	-.00563	-.00052	.00287	-.00130	-.0017	.00001	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4695.7	63356.	4590.5	93.093	3907.8			
Stddev	13.5	134.	10.4	1.571	13.7			
%RSD	.28760	.21129	.22656	1.6877	.35130			

#1	4686.1	63262.	4597.9	94.204	3898.0			
#2	4705.2	63451.	4583.2	91.982	3917.5			

Sample Name: PB101194BS Acquired: 8/3/2017 12:20:31 Type: Unk
Method: P4-ICP2(v2124) 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	.87150	2.0482	1.0390	2.0581	.87434	2.2694	.23475	.22171
Stddev	.00171	.0089	.0016	.0023	.00389	.0220	.00033	.00029
%RSD	.19618	.43657	.15581	.11380	.44442	.96981	.14094	.13278

#1	.87271	2.0545	1.0402	2.0565	.87709	2.2849	.23451	.22192
#2	.87030	2.0418	1.0379	2.0598	.87159	2.2538	.23498	.22151

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21034	1.1946	.45254	.21616	.35097	3.3807	.23603	2.3882
Stddev	.00011	.0047	.00042	.00037	.00089	.0813	.00018	.0040
%RSD	.05441	.39283	.09218	.16914	.25354	2.4045	.07592	.16918

#1	.21042	1.1913	.45283	.21642	.35159	3.3232	.23590	2.3854
#2	.21026	1.1980	.45224	.21590	.35034	3.4381	.23615	2.3911

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54095	.07776	3.4814	.33792	.22380	11.618	.44808	.35033
Stddev	.00212	.00014	.0300	.00072	.00451	.086	.00030	.00352
%RSD	.39168	.18523	.86057	.21400	2.0145	.74244	.06754	1.0049

#1	.54245	.07766	3.4602	.33741	.22061	11.557	.44830	.34784
#2	.53945	.07786	3.5026	.33844	.22699	11.679	.44787	.35282

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	F 6.1519	1.0415	.76266	.23040	.22529	5.783	.21208	
Stddev	.0202	.0044	.00395	.00125	.00206	.014	.00077	
%RSD	.32813	.42461	.51818	.54244	.91412	.2457	.36462	

#1	6.1661	1.0384	.76546	.22952	.22383	5.793	.21154	
#2	6.1376	1.0446	.75987	.23128	.22674	5.773	.21263	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4670.7	63452.	4543.2	95.239	4036.9			
Stddev	19.4	204.	9.6	1.765	21.0			
%RSD	.41493	.32204	.21125	1.8534	.52032			

#1	4657.0	63308.	4550.0	96.488	4022.1			
#2	4684.4	63597.	4536.4	93.991	4051.8			

Sample Name: PB101194TB Acquired: 8/3/2017 12:24:33 Type: Unk
Method: P4-ICP2(v2124) 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	-.00092	-.00109	-.00063	-.00218	.00136	.00230	.00002
Stddev	.00132	.00046	.00021	.00058	.00100	.00763	.00010	.00002
%RSD	320.65	50.066	18.922	90.962	45.747	561.80	4.3538	81.118

#1	.00134	-.00124	-.00095	-.00104	-.00289	-.00404	.00237	.00003
#2	-.00052	-.00059	-.00124	-.00023	-.00148	.00675	.00223	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.01424	.00014	-.00009	-.00026	-.00698	-.00008	.01212
Stddev	.00001	.00142	.00052	.00008	.00041	.00872	.00002	.04031
%RSD	14.039	9.9689	388.08	81.992	159.46	124.86	18.284	332.63

#1	-.00006	.01324	.00051	-.00004	.00003	-.00082	-.00009	.04062
#2	-.00008	.01524	-.00024	-.00015	-.00054	-.01315	-.00007	-.01639

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	.00007	-.04852	-.00038	-.00022	.00026	.00002	-.00260
Stddev	.00020	.00059	.00883	.00048	.00006	.01312	.00033	.00455
%RSD	94.614	901.59	18.196	125.26	27.167	5042.3	1676.6	174.90

#1	-.00007	-.00035	-.04228	-.00072	-.00018	.00954	.00025	-.00582
#2	-.00034	.00049	-.05477	-.00004	-.00026	-.00902	-.00021	.00062

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00032	-.00313	-.00043	.00219	-.00293	-.0008	-.00004	
Stddev	.00092	.00030	.00021	.00031	.00083	.0009	.00000	
%RSD	284.65	9.6865	48.968	14.034	28.245	112.7	10.854	

#1	.00033	-.00334	-.00028	.00197	-.00351	-.0002	-.00004	
#2	-.00097	-.00292	-.00059	.00241	-.00234	-.0014	-.00004	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4693.0	63144.	4574.6	92.532	3900.3			
Stddev	4.3	172.	3.5	.641	7.2			
%RSD	.09165	.27261	.07638	.69297	.18493			

#1	4690.0	63023.	4572.1	92.079	3895.2			
#2	4696.1	63266.	4577.1	92.986	3905.4			

Sample Name: PB101167BL Acquired: 8/3/2017 12:28:51 Type: Unk
Method: P4-ICP2(v2124) 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	-0.00084	-0.00030	-0.00002	-0.00039	-0.00111	-0.00149	.00167	.00003
Stddev	.00019	.00101	.00036	.00026	.00042	.01267	.00009	.00004
%RSD	23.095	334.81	1551.7	66.237	37.906	852.64	5.0934	126.89

#1	-0.00070	.00041	.00023	-0.00021	-0.00081	.00747	.00173	.00006
#2	-0.00098	-0.00101	-0.00028	-0.00058	-0.00140	-0.01045	.00161	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.00008	-0.00037	-0.00003	-0.00018	-0.00040	-0.00890	-0.00014	.04139
Stddev	.00004	.00412	.00012	.00012	.00034	.00534	.00004	.01559
%RSD	50.185	1124.4	408.72	68.571	85.469	60.043	29.738	37.675

#1	-0.00005	.00255	-0.00011	-0.00026	-0.00016	-0.01267	-0.00017	.05241
#2	-0.00011	-0.00328	.00006	-0.00009	-0.00063	-0.00512	-0.00011	.03036

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.00027	.00005	-0.04451	-0.00052	-0.00027	-0.00499	-0.00005	-0.00366
Stddev	.00010	.00006	.00601	.00034	.00004	.03108	.00007	.00062
%RSD	35.341	116.07	13.513	64.125	13.634	622.99	134.88	16.980

#1	-0.00020	.00010	-0.04876	-0.00076	-0.00024	-0.02697	-0.00011	-0.00410
#2	-0.00034	.00001	-0.04025	-0.00029	-0.00030	.01699	.00000	-0.00322

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-0.00211	-0.00438	-0.00065	.00311	-0.00418	-0.0002	-0.00007	
Stddev	.00016	.00025	.00047	.00031	.00109	.0002	.00000	
%RSD	7.6333	5.6767	72.607	9.9130	26.101	94.30	7.1434	

#1	-0.00199	-0.00420	-0.00032	.00333	-0.00495	-0.0001	-0.00006	
#2	-0.00222	-0.00455	-0.00098	.00289	-0.00340	-0.0004	-0.00007	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4693.0	63168.	4580.0	93.392	3894.2			
Stddev	13.4	117.	13.0	1.514	4.1			
%RSD	.28467	.18560	.28395	1.6215	.10600			

#1	4683.6	63251.	4589.2	92.321	3891.3			
#2	4702.5	63085.	4570.8	94.463	3897.2			

Sample Name: PB101167BS Acquired: 8/3/2017 12:33:11 Type: Unk
Method: P4-ICP2(v2124) 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	.75236	1.8498	.95200	1.6691	.76806	2.0873	.21574
Stddev	.00192	.0059	.00010	.0091	.00301	.0150	.00028
%RSD	.25515	.31974	.01072	.54395	.39159	.71765	.13161

#1	.75100	1.8456	.95207	1.6627	.76594	2.0979	.21554
#2	.75372	1.8540	.95193	1.6756	.77019	2.0767	.21594

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19402	.19357	1.1509	.41767	.20048	.31363	3.0668
Stddev	.00020	.00043	.0133	.00135	.00031	.00083	.0270
%RSD	.10479	.22469	1.1522	.32209	.15618	.26307	.88131

#1	.19416	.19326	1.1603	.41863	.20026	.31305	3.0477
#2	.19387	.19387	1.1415	.41672	.20070	.31422	3.0859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21645	2.1860	.49791	.07162	3.1408	.31297	.20310
Stddev	.00006	.0038	.00171	.00061	.0218	.00100	.00103
%RSD	.02870	.17360	.34284	.85124	.69301	.31910	.50758

#1	.21641	2.1833	.49671	.07119	3.1254	.31227	.20237
#2	.21650	2.1887	.49912	.07205	3.1562	.31368	.20383

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.463	.42237	.31176	F -.00188	.88665	.70094	.21476
Stddev	.074	.00028	.00164	.00100	.00161	.00110	.00169
%RSD	.71014	.06592	.52511	53.543	.18144	.15704	.78898

#1	10.411	.42257	.31061	-.00259	.88779	.70016	.21596
#2	10.516	.42217	.31292	-.00117	.88552	.70172	.21356

Elem	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm
Avg	.20314	5.062	.19519
Stddev	.00191	.008	.00027
%RSD	.94014	.1496	.13819

#1	.20179	5.057	.19500
#2	.20449	5.067	.19538

Sample Name: PB101167BS Acquired: 8/3/2017 12:33:11 Type: Unk
Method: P4-ICP2(v2124) 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	4677.0	63856.	4556.7	93.157	3993.6
Stddev	9.0	179.	5.6	.635	7.0
%RSD	.19222	.27996	.12300	.68118	.17534
#1	4683.4	63730.	4552.7	93.605	3998.6
#2	4670.7	63983.	4560.7	92.708	3988.7

Sample Name: PB101167TB Acquired: 8/3/2017 12:37:12 Type: Unk
Method: P4-ICP2(v2124) 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	-.00379	-.00407	-.00031	.00170	-.00017	.00222	.00307	-.00030
Stddev	.00040	.00048	.00106	.00060	.00026	.00109	.00103	.00001
%RSD	10.590	11.853	340.65	35.185	151.00	49.346	33.565	4.6169

#1	-.00408	-.00441	-.00106	.00128	-.00036	.00144	.00234	-.00029
#2	-.00351	-.00373	.00044	.00212	.00001	.00299	.00380	-.00031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.02118	.00088	-.00073	-.00028	-.00273	-.00004	.03406
Stddev	.00004	.00178	.00017	.00013	.00078	.00693	.00001	.00374
%RSD	26.959	8.3824	19.308	18.386	276.89	253.78	11.733	10.973

#1	-.00012	.02244	.00076	-.00063	.00027	-.00763	-.00005	.03142
#2	-.00018	.01993	.00100	-.00082	-.00083	.00217	-.00004	.03670

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	-.00016	F 312.76	.00002	.00101	.10242	-.00014	.00489
Stddev	.00009	.00043	1.13	.00008	.00009	.00651	.00023	.00663
%RSD	12.976	267.21	.36051	475.21	9.3270	6.3554	168.77	135.44

#1	.00077	-.00046	313.55	.00007	.00108	.09781	.00003	.00021
#2	.00064	.00014	311.96	-.00004	.00095	.10702	-.00030	.00958

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00331	-.00165	.00097	.00408	-.00017	.0015	-.00011	
Stddev	.00045	.00292	.00024	.00170	.00016	.0001	.00016	
%RSD	13.675	177.26	24.595	41.740	97.558	5.714	141.45	

#1	.00363	.00042	.00080	.00528	-.00028	.0014	-.00022	
#2	.00299	-.00371	.00114	.00287	-.00005	.0016	.00000	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4548.2	63642.	4474.1	90.514	3855.3			
Stddev	23.3	45.	25.2	.142	13.0			
%RSD	.51135	.07117	.56395	.15743	.33812			

#1	4531.8	63610.	4456.3	90.413	3846.1			
#2	4564.7	63674.	4492.0	90.614	3864.5			

Sample Name: PB101192BL Acquired: 8/3/2017 12:41:30 Type: Unk
Method: P4-ICP2(v2124) 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	.00071	.00025	-.00059	-.00093	-.00177	.00847	.00250	-.00002
Stddev	.00120	.00061	.00045	.00064	.00047	.00850	.00025	.00008
%RSD	170.25	239.26	75.614	68.328	26.573	100.31	9.8529	333.27

#1	-.00014	-.00018	-.00091	-.00138	-.00211	.00246	.00233	.00003
#2	.00156	.00068	-.00027	-.00048	-.00144	.01448	.00267	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00959	.00004	-.00021	-.00047	-.01342	-.00019	-.00343
Stddev	.00006	.01799	.00041	.00015	.00010	.00568	.00007	.00085
%RSD	112.29	187.52	937.66	71.006	20.439	42.346	36.536	24.798

#1	-.00009	-.00313	-.00025	-.00032	-.00054	-.00940	-.00014	-.00283
#2	-.00001	.02231	.00034	-.00011	-.00040	-.01743	-.00024	-.00403

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00017	.00444	-.00010	-.00036	.01585	-.00034	-.00201
Stddev	.00002	.00030	.02216	.00004	.00001	.03210	.00006	.00484
%RSD	5.5768	178.07	499.55	42.016	2.0620	202.50	17.201	240.50

#1	-.00037	-.00004	-.01123	-.00013	-.00036	-.00685	-.00029	-.00544
#2	-.00034	.00039	.02011	-.00007	-.00037	.03855	-.00038	.00141

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00061	-.00532	-.00126	.00240	-.00154	-.0012	-.00008	
Stddev	.00204	.00219	.00023	.00096	.00087	.0017	.00002	
%RSD	334.81	41.182	18.660	39.914	56.649	143.3	21.465	

#1	.00083	-.00377	-.00142	.00308	-.00215	-.0024	-.00009	
#2	-.00205	-.00687	-.00109	.00172	-.00092	.0000	-.00007	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4697.5	63602.	4556.6	92.847	3907.8			
Stddev	3.8	114.	2.4	1.120	8.6			
%RSD	.07996	.17946	.05341	1.2064	.22011			

#1	4694.8	63683.	4554.9	92.055	3901.7			
#2	4700.1	63522.	4558.3	93.639	3913.9			

Sample Name: PB101192BS Acquired: 8/3/2017 12:45:44 Type: Unk
Method: P4-ICP2(v2124) 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	.76344	1.8518	.95527	1.7059	.76887	2.0746	.21562
Stddev	.00204	.0017	.00086	.0026	.00324	.0080	.00259
%RSD	.26727	.09305	.09020	.15286	.42192	.38324	1.2003

#1	.76488	1.8506	.95588	1.7077	.77116	2.0690	.21745
#2	.76199	1.8530	.95467	1.7040	.76657	2.0803	.21379

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19498	.19419	1.1280	.41569	.19968	.32653	2.9845
Stddev	.00019	.00043	.0039	.00130	.00006	.00247	.0001
%RSD	.09592	.21929	.34376	.31280	.02823	.75578	.00214

#1	.19484	.19449	1.1307	.41477	.19964	.32828	2.9844
#2	.19511	.19389	1.1252	.41661	.19972	.32479	2.9845

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21479	2.1266	.50460	.07163	3.1642	.31081	.19691
Stddev	.00054	.0079	.00133	.00071	.0007	.00119	.00098
%RSD	.25256	.37200	.26318	.99200	.02348	.38222	.49748

#1	.21440	2.1322	.50554	.07214	3.1647	.31165	.19760
#2	.21517	2.1210	.50366	.07113	3.1637	.30997	.19622

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.532	.42044	.32373	F -.00294	.88923	.69455	.21429
Stddev	.043	.00056	.00478	.00122	.00742	.00176	.00301
%RSD	.40557	.13417	1.4751	41.559	.83406	.25334	1.4027

#1	10.562	.42084	.32035	-.00381	.89447	.69580	.21216
#2	10.502	.42004	.32711	-.00208	.88398	.69331	.21641

Elem	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm
Avg	.20150	5.115	.19413
Stddev	.00222	.004	.00095
%RSD	1.1008	.0850	.49028

#1	.20307	5.118	.19480
#2	.19993	5.112	.19346

Sample Name: PB101192BS Acquired: 8/3/2017 12:45:44 Type: Unk
Method: P4-ICP2(v2124) 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	4701.3	64600.	4614.7	96.436	4024.6
Stddev	17.3	49.	43.0	.586	17.1
%RSD	.36832	.07561	.93154	.60729	.42408
#1	4689.1	64634.	4584.3	96.021	4012.5
#2	4713.5	64565.	4645.1	96.850	4036.7

Sample Name: PB101192TB Acquired: 8/3/2017 12:49:42 Type: Unk
Method: P4-ICP2(v2124) 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	-.00137	-.00248	.00009	.00278	-.00048	-.01019	.00150	-.00021
Stddev	.00069	.00016	.00074	.00027	.00019	.00977	.00010	.00000
%RSD	50.192	6.5057	789.35	9.8584	39.202	95.841	6.6424	1.9500

#1	-.00088	-.00237	.00062	.00259	-.00035	-.01710	.00143	-.00021
#2	-.00185	-.00259	-.00043	.00298	-.00062	-.00329	.00157	-.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00160	.00061	-.00047	-.00033	-.00920	-.00003	.03659
Stddev	.00000	.00696	.00022	.00017	.00002	.00082	.00003	.01068
%RSD	3.8822	433.71	36.512	36.597	7.1362	8.8713	114.83	29.192

#1	-.00011	-.00332	.00046	-.00034	-.00035	-.00862	-.00001	.04415
#2	-.00011	.00652	.00077	-.00059	-.00032	-.00977	-.00005	.02904

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	.00009	F 336.33	-.00044	.00057	.08217	-.00014	.00161
Stddev	.00013	.00023	1.66	.00025	.00008	.02276	.00001	.00709
%RSD	16.812	261.60	.49257	57.488	14.617	27.702	9.4460	439.59

#1	.00088	-.00007	337.50	-.00062	.00063	.06607	-.00013	.00662
#2	.00069	.00025	335.16	-.00026	.00051	.09826	-.00015	-.00340

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00385	-.00322	.00063	.00534	-.00045	.0025	-.00007	
Stddev	.00041	.00214	.00020	.00089	.00070	.0008	.00007	
%RSD	10.704	66.347	32.137	16.632	155.63	30.06	91.810	

#1	.00356	-.00473	.00049	.00597	-.00094	.0020	-.00003	
#2	.00414	-.00171	.00077	.00472	.00004	.0030	-.00012	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4593.0	64085.	4537.0	93.496	3884.2			
Stddev	9.2	117.	18.0	.034	7.3			
%RSD	.19953	.18204	.39755	.03610	.18784			

#1	4586.5	64002.	4524.3	93.472	3879.0			
#2	4599.5	64167.	4549.8	93.520	3889.3			

Sample Name: I4540-01 Acquired: 8/3/2017 12:54:01 Type: Unk
Method: P4-ICP2(v2124) 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	.12114	.01385	13.896	.11747	.08632	139.16	3.3778	.00623	.02176
Stddev	.00047	.00038	.014	.00222	.00097	1.01	.0137	.00001	.00034
%RSD	.38972	2.7664	.10317	1.8906	1.1201	.72738	.40437	.17159	1.5533

#1	.12147	.01412	13.906	.11904	.08701	138.44	3.3681	.00623	.02152
#2	.12080	.01358	13.886	.11590	.08564	139.88	3.3875	.00622	.02200

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	203.36	.45302	.14984	1.6988	353.28	4.4510	65.239	.44145	.03349
Stddev	.71	.00007	.00017	.0006	3.24	.0080	.224	.00004	.00059
%RSD	.35104	.01631	.11523	.03362	.91632	.18063	.34385	.00810	1.7579

#1	202.86	.45297	.14972	1.6992	355.57	4.4454	65.081	.44143	.03391
#2	203.87	.45307	.14996	1.6984	350.99	4.4567	65.398	.44148	.03308

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	10.619	.44608	5.0894	14.193	.02891	.16911	5.8171	30.808	.28680
Stddev	.050	.00028	.0621	.032	.00039	.00046	.0066	.108	.00180
%RSD	.47061	.06256	1.2197	.22426	1.3319	.26952	.11357	.34916	.62682

#1	10.583	.44588	5.1333	14.170	.02919	.16943	5.8218	30.884	.28807
#2	10.654	.44627	5.0455	14.215	.02864	.16879	5.8124	30.732	.28553

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.4979	.18046	7.817	.89476
Stddev	.0117	.00249	.016	.00324
%RSD	.25979	1.3822	.2040	.36202

#1	4.4897	.17870	7.828	.89247
#2	4.5062	.18223	7.805	.89705

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5228.0	74547.	5443.5	88.184	3529.5
Stddev	17.4	163.	12.3	1.220	15.2
%RSD	.33290	.21930	.22634	1.3837	.43205

#1	5215.7	74662.	5434.8	87.321	3518.7
#2	5240.3	74431.	5452.3	89.047	3540.3

Sample Name: CCV03 Acquired: 8/3/2017 12:58:13 Type: Unk
Method: P4-ICP2(v2124) 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	4.8340	4.7444	4.7478	4.8505	4.8623	10.110	9.8862	.24671	2.4000
Stddev	.0059	.0005	.0019	.0017	.0071	.003	.0204	.00001	.0017
%RSD	.12109	.00994	.03949	.03515	.14541	.02641	.20688	.00390	.07204

#1	4.8381	4.7447	4.7491	4.8517	4.8573	10.112	9.8718	.24672	2.4012
#2	4.8298	4.7440	4.7465	4.8493	4.8673	10.108	9.9007	.24670	2.3988

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.698	.96686	2.3853	1.2216	4.8025	2.5115	24.536	2.3970	1.1972
Stddev	.215	.00155	.0013	.0016	.0283	.0028	.237	.0011	.0025
%RSD	.87114	.15994	.05500	.13444	.58872	.11064	.96576	.04441	.20754

#1	24.546	.96795	2.3844	1.2227	4.7826	2.5134	24.368	2.3977	1.1955
#2	24.850	.96576	2.3862	1.2204	4.8225	2.5095	24.703	2.3962	1.1990

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	24.468	2.4469	2.4385	25.018	4.8663	5.0094	4.7920	4.8731	4.7554
Stddev	.000	.0034	.0043	.029	.0001	.0371	.0017	.0260	.0048
%RSD	.00131	.14044	.17560	.11737	.00311	.74139	.03546	.53366	.10086

#1	24.469	2.4493	2.4355	24.998	4.8662	4.9832	4.7932	4.8547	4.7521
#2	24.468	2.4445	2.4415	25.039	4.8664	5.0357	4.7908	4.8915	4.7588

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8758	5.0116	4.998	4.8962
Stddev	.0041	.0104	.004	.0021
%RSD	.08458	.20825	.0719	.04238

#1	4.8729	5.0042	5.001	4.8947
#2	4.8788	5.0190	4.996	4.8976

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4599.5	63220.	4583.1	91.249	3749.3
Stddev	1.8	283.	8.4	.227	2.5
%RSD	.03880	.44686	.18282	.24843	.06760

#1	4600.8	63020.	4589.0	91.409	3751.1
#2	4598.2	63420.	4577.2	91.088	3747.5

Sample Name: CCB03 Acquired: 8/3/2017 13:02:18 Type: Unk

Method: P4-ICP2(v2124) 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	-.00037	.00077	.00052	.00013	-.00060	.01037	.00248	.00001
Stddev	.00184	.00104	.00017	.00271	.00020	.00197	.00034	.00000
%RSD	497.74	136.09	32.518	2118.0	34.224	19.019	13.853	40.893

#1	.00093	.00003	.00040	-.00179	-.00074	.01177	.00224	.00001
#2	-.00167	.00151	.00064	.00204	-.00045	.00898	.00272	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.01702	.00012	.00010	.00037	-.00634	.00003	-.00107
Stddev	.00008	.00636	.00039	.00010	.00041	.00191	.00002	.02583
%RSD	226.21	37.349	335.57	95.826	112.48	30.142	56.466	2403.7

#1	-.00009	-.02151	.00039	.00017	.00066	-.00770	.00005	-.01934
#2	.00002	-.01252	-.00016	.00003	.00008	-.00499	.00002	.01719

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	.00019	-.00512	-.00013	.00008	.00615	.00259	.00821
Stddev	.00020	.00003	.00424	.00018	.00009	.00102	.00064	.00325
%RSD	74.480	16.383	82.766	140.92	103.93	16.635	24.761	39.590

#1	-.00040	.00017	-.00212	.00000	.00015	.00543	.00304	.00591
#2	-.00013	.00022	-.00812	-.00026	.00002	.00687	.00213	.01050

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00098	-.00108	.00094	.00388	-.00255	-.0003	-.00005	
Stddev	.00030	.00026	.00007	.00225	.00071	.0015	.00008	
%RSD	30.513	23.779	6.9449	58.146	27.778	498.7	154.31	

#1	-.00077	-.00126	.00099	.00228	-.00205	-.0014	-.00011	
#2	-.00119	-.00090	.00089	.00547	-.00305	.0008	.00000	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4683.1	63019.	4543.3	91.000	3896.1			
Stddev	4.8	171.	27.3	.624	.9			
%RSD	.10212	.27070	.60103	.68580	.02213			

#1	4679.7	62898.	4523.9	90.558	3896.7			
#2	4686.5	63139.	4562.6	91.441	3895.5			

Sample Name: I4540-01DUP Acquired: 8/3/2017 13:06:33 Type: Unk
Method: P4-ICP2(v2124) 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	.12265	.01319	13.863	.11883	.08416	139.82	3.3815	.00618	.02130
Stddev	.00052	.00045	.009	.00158	.00167	.62	.0094	.00003	.00006
%RSD	.42633	3.4491	.06520	1.3264	1.9837	.44602	.27725	.44869	.26656

#1	.12228	.01287	13.870	.11995	.08534	139.37	3.3882	.00620	.02126
#2	.12302	.01351	13.857	.11772	.08297	140.26	3.3749	.00616	.02134

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	202.94	.45124	.15000	1.6968	359.08	4.4990	64.561	.44148	.03364
Stddev	.27	.00260	.00021	.0002	2.10	.0355	.361	.00089	.00036
%RSD	.13498	.57532	.13884	.01009	.58535	.78868	.55945	.20258	1.0814

#1	203.13	.44940	.14985	1.6966	360.57	4.4739	64.305	.44211	.03390
#2	202.75	.45307	.15015	1.6969	357.60	4.5241	64.816	.44085	.03339

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	10.729	.44792	5.0980	14.299	.02936	.16750	5.8620	30.842	.28529
Stddev	.039	.00194	.0390	.034	.00019	.00373	.0071	.075	.00008
%RSD	.36628	.43323	.76579	.23722	.63592	2.2295	.12053	.24320	.02780

#1	10.757	.44655	5.1256	14.323	.02949	.16486	5.8570	30.895	.28523
#2	10.701	.44929	5.0704	14.275	.02922	.17014	5.8670	30.789	.28535

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.5328	.17869	7.810	.90557
Stddev	.0025	.00035	.001	.00163
%RSD	.05520	.19467	.0107	.17956

#1	4.5310	.17893	7.809	.90672
#2	4.5345	.17844	7.811	.90442

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5242.9	74409.	5435.1	87.931	3535.7
Stddev	11.7	136.	24.2	.739	6.3
%RSD	.22284	.18337	.44563	.84029	.17828

#1	5234.6	74506.	5417.9	87.408	3531.2
#2	5251.1	74313.	5452.2	88.453	3540.1

Sample Name: I4540-01LX5 Acquired: 8/3/2017 13:10:45 Type: Unk
Method: P4-ICP2(v2124) 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	.02692	.00246	2.7215	.02247	.01676	31.076	.75404	.00153	.00312
Stddev	.00081	.00042	.0027	.00059	.00037	.040	.00071	.00003	.00001
%RSD	3.0179	17.218	.10085	2.6426	2.1773	.12974	.09351	1.9381	.45914

#1	.02749	.00276	2.7195	.02289	.01651	31.105	.75354	.00155	.00311
#2	.02634	.00216	2.7234	.02205	.01702	31.048	.75454	.00151	.00313

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.636	.10534	.02843	.41263	70.161	1.0617	15.087	.08565	.00610
Stddev	.091	.00076	.00027	.00009	.709	.0019	.057	.00050	.00029
%RSD	.19472	.72560	.93539	.02263	1.0100	.17520	.37626	.58149	4.6916

#1	46.571	.10588	.02861	.41270	70.662	1.0630	15.047	.08530	.00590
#2	46.700	.10479	.02824	.41257	69.660	1.0603	15.127	.08600	.00631

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	2.3481	.10152	1.0472	3.1771	.00634	.01955	1.1366	7.0126	.05557
Stddev	.0124	.00022	.0100	.0030	.00001	.00027	.0042	.0002	.00019
%RSD	.53017	.21298	.95201	.09500	.17447	1.3918	.36766	.00330	.33731

#1	2.3393	.10137	1.0542	3.1750	.00634	.01974	1.1336	7.0124	.05543
#2	2.3569	.10167	1.0401	3.1792	.00635	.01936	1.1395	7.0128	.05570

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	1.0209	.03706	1.629	.19951
Stddev	.0002	.00228	.000	.00015
%RSD	.01845	6.1434	.0158	.07349

#1	1.0210	.03545	1.629	.19961
#2	1.0207	.03867	1.629	.19940

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4787.9	66323.	4822.3	92.816	3903.0
Stddev	8.2	216.	7.7	.908	3.9
%RSD	.17212	.32524	.15923	.97821	.10101

#1	4782.0	66170.	4827.7	92.174	3905.8
#2	4793.7	66475.	4816.8	93.458	3900.2

Sample Name: I4540-01MS Acquired: 8/3/2017 13:14:49 Type: Unk
Method: P4-ICP2(v2124) 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	.81989	2.1896	17.729	1.7026	.55030	132.41	4.7521	.18458	.24397
Stddev	.00050	.0056	.002	.0057	.00083	.42	.0068	.00053	.00040
%RSD	.06081	.25654	.00907	.33449	.15150	.31423	.14321	.28548	.16570

#1	.82024	2.1936	17.730	1.7066	.54971	132.71	4.7569	.18495	.24368
#2	.81954	2.1856	17.728	1.6985	.55089	132.12	4.7473	.18421	.24425

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	195.56	.83358	.36921	1.8004	323.09	4.1470	66.102	.98417	.10014
Stddev	.19	.00155	.00066	.0030	3.44	.0063	.403	.00225	.00055
%RSD	.09919	.18646	.17903	.16553	1.0636	.15253	.60924	.22908	.54955

#1	195.42	.83467	.36968	1.7983	325.52	4.1515	65.817	.98577	.10053
#2	195.69	.83248	.36874	1.8025	320.66	4.1426	66.387	.98258	.09975

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.454	.69351	5.4294	22.906	.38511	.41184	5.9151	28.058	1.2045
Stddev	.016	.00064	.0567	.007	.00148	.00040	.0004	.100	.0014
%RSD	.13145	.09254	1.0443	.03054	.38320	.09629	.00607	.35734	.11523

#1	12.442	.69396	5.4695	22.911	.38407	.41212	5.9149	27.988	1.2036
#2	12.465	.69306	5.3893	22.901	.38616	.41156	5.9154	28.129	1.2055

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.5359	.36392	14.93	.95052
Stddev	.0027	.00302	.01	.00161
%RSD	.05971	.83026	.0960	.16930

#1	4.5378	.36605	14.94	.95166
#2	4.5339	.36178	14.92	.94938

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5584.8	79997.	5764.3	88.100	3506.6
Stddev	4.7	207.	7.6	.999	9.7
%RSD	.08337	.25844	.13203	1.1341	.27736

#1	5581.5	79851.	5769.7	87.393	3499.7
#2	5588.0	80143.	5759.0	88.806	3513.5

Sample Name: I4540-01MSD Acquired: 8/3/2017 13:18:56 Type: Unk
Method: P4-ICP2(v2124) 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	.81407	2.1975	17.676	1.6919	.54625	132.91	4.7372	.18436	.24446
Stddev	.00057	.0025	.012	.0020	.00237	.95	.0005	.00041	.00032
%RSD	.06990	.11514	.06856	.12036	.43351	.71800	.01124	.22086	.12922

#1	.81367	2.1993	17.668	1.6934	.54792	132.23	4.7369	.18407	.24469
#2	.81448	2.1957	17.685	1.6905	.54457	133.58	4.7376	.18465	.24424

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	195.35	.83458	.37020	1.7974	318.91	4.1664	65.868	.98785	.09917
Stddev	.75	.00222	.00037	.0010	3.04	.0351	.619	.00039	.00145
%RSD	.38441	.26549	.10025	.05621	.95376	.84315	.93992	.03922	1.4594

#1	194.82	.83301	.36994	1.7981	316.76	4.1416	65.430	.98813	.09815
#2	195.88	.83614	.37046	1.7967	321.06	4.1912	66.305	.98758	.10019

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.466	.69424	5.3588	22.924	.38434	.39721	5.9183	27.960	1.2045
Stddev	.026	.00280	.0323	.049	.00057	.00912	.0050	.005	.0013
%RSD	.20955	.40303	.60174	.21252	.14952	2.2948	.08384	.01853	.10764

#1	12.447	.69226	5.3360	22.889	.38475	.39076	5.9218	27.957	1.2035
#2	12.484	.69621	5.3816	22.958	.38393	.40365	5.9148	27.964	1.2054

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.5450	.36158	14.94	.94838
Stddev	.0107	.00204	.00	.00064
%RSD	.23451	.56449	.0190	.06760

#1	4.5375	.36014	14.94	.94792
#2	4.5526	.36303	14.94	.94883

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5596.3	79821.	5774.5	89.158	3501.4
Stddev	8.9	317.	3.9	.426	6.5
%RSD	.15860	.39668	.06771	.47744	.18665

#1	5590.0	80045.	5777.2	89.459	3496.8
#2	5602.6	79597.	5771.7	88.857	3506.0

Sample Name: I4540-05 Acquired: 8/3/2017 13:23:02 Type: Unk
Method: P4-ICP2(v2124) 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	.05307	.00953	2.7581	.07901	.02063	92.309	2.3171	.00464	.00378
Stddev	.00098	.00028	.0044	.00024	.00110	.010	.0046	.00013	.00004
%RSD	1.8437	2.9788	.16076	.30653	5.3521	.01135	.19721	2.8124	1.0950

#1	.05238	.00973	2.7550	.07884	.02141	92.301	2.3139	.00473	.00381
#2	.05376	.00933	2.7613	.07919	.01985	92.316	2.3204	.00454	.00375

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	68.721	.18663	.08907	.62429	223.75	4.4095	37.809	.22292	.01923
Stddev	.169	.00068	.00022	.00005	1.04	.0207	.149	.00071	.00001
%RSD	.24602	.36308	.24337	.00832	.46641	.46901	.39387	.31782	.05906

#1	68.601	.18711	.08892	.62425	223.02	4.3949	37.704	.22342	.01922
#2	68.840	.18615	.08923	.62433	224.49	4.4241	37.914	.22242	.01924

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	4.6819	.23171	2.2250	12.750	.00979	.03543	1.5207	23.736	.13854
Stddev	.0099	.00066	.0135	.029	.00013	.01374	.0030	.039	.00098
%RSD	.21066	.28588	.60669	.22400	1.3169	38.772	.19769	.16450	.70890

#1	4.6750	.23124	2.2154	12.730	.00988	.04515	1.5228	23.708	.13924
#2	4.6889	.23217	2.2345	12.770	.00970	.02572	1.5186	23.763	.13785

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	2.6481	.17478	4.297	.37147
Stddev	.0169	.00150	.000	.00074
%RSD	.63656	.85639	.0088	.20027

#1	2.6600	.17372	4.297	.37095
#2	2.6362	.17584	4.297	.37200

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5156.6	71725.	5235.2	91.087	3726.3
Stddev	8.0	135.	5.0	.397	7.5
%RSD	.15478	.18762	.09504	.43529	.19997

#1	5150.9	71630.	5238.7	91.368	3721.1
#2	5162.2	71820.	5231.7	90.807	3731.6

Sample Name: I4540-09 Acquired: 8/3/2017 13:27:07 Type: Unk
Method: P4-ICP2(v2124) 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	.12762	.01239	4.7280	.10462	.01997	126.36	2.3755	.00603	.00737
Stddev	.00056	.00130	.0367	.00194	.00057	.45	.0037	.00000	.00061
%RSD	.43752	10.528	.77701	1.8552	2.8716	.35803	.15562	.04756	8.2981

#1	.12802	.01147	4.7020	.10599	.02037	126.04	2.3781	.00603	.00694
#2	.12723	.01331	4.7539	.10324	.01956	126.68	2.3729	.00603	.00780

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	78.732	.35328	.14780	.68510	291.99	4.6881	56.646	.39843	.02435
Stddev	.026	.00045	.00158	.00549	2.77	.0239	.079	.00247	.00013
%RSD	.03336	.12741	1.0701	.80090	.94754	.51068	.14017	.61872	.51742

#1	78.713	.35360	.14668	.68122	293.95	4.6711	56.590	.39669	.02426
#2	78.750	.35297	.14891	.68898	290.04	4.7050	56.702	.40018	.02444

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	4.2011	.31287	3.3672	17.885	.00938	.06222	3.9946	25.075	.18422
Stddev	.0225	.00001	.0476	.025	.00005	.00208	.0250	.100	.00145
%RSD	.53593	.00357	1.4145	.14088	.48940	3.3507	.62527	.39871	.78511

#1	4.1852	.31288	3.4009	17.867	.00935	.06370	3.9769	25.146	.18320
#2	4.2171	.31286	3.3336	17.903	.00941	.06075	4.0122	25.004	.18524

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	3.7845	.24846	5.493	.40795
Stddev	.0080	.00107	.028	.00072
%RSD	.21116	.42923	.5038	.17637

#1	3.7902	.24771	5.473	.40846
#2	3.7789	.24922	5.513	.40744

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5204.3	72772.	5314.4	90.309	3647.5
Stddev	13.6	60.	19.7	1.411	16.4
%RSD	.26123	.08201	.37121	1.5622	.45087

#1	5213.9	72730.	5300.4	89.312	3659.1
#2	5194.6	72814.	5328.3	91.307	3635.9

Sample Name: I4566-01 Acquired: 8/3/2017 13:40:14 Type: Unk
 Method: P4-ICP2(v2124) 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	.00828	.00087	.07571	-.00181	.00302	1.7662	.05435	-.00003
Stddev	.00049	.00031	.00084	.00038	.00015	.0676	.00027	.00004
%RSD	5.8777	35.436	1.1121	21.215	4.9927	3.8263	.48760	164.22

#1	.00862	.00109	.07512	-.00154	.00291	1.8140	.05416	-.00006
#2	.00793	.00065	.07631	-.00208	.00312	1.7184	.05454	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	46.994	.00857	.00255	.04179	2.4633	.05115	11.471
Stddev	.00004	.149	.00028	.00007	.00054	.0127	.00236	.105
%RSD	3.8208	.31807	3.2870	2.8127	1.2815	.51557	4.6150	.91272

#1	.00093	47.100	.00877	.00250	.04141	2.4723	.05282	11.545
#2	.00098	46.889	.00838	.00260	.04216	2.4543	.04948	11.397

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01330	.00619	178.93	.00271	1.0795	104.60	.00944	.78871
Stddev	.00027	.00006	.65	.00029	.0063	.02	.00006	.00215
%RSD	2.0547	.94907	.36500	10.657	.57896	.02081	.68617	.27243

#1	.01311	.00624	179.39	.00251	1.0839	104.61	.00949	.79023
#2	.01350	.00615	178.47	.00292	1.0751	104.58	.00940	.78719

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	26.676	12.616	.00353	.03974	.10131	1.062	.76446	
Stddev	.570	.114	.00062	.00438	.00007	.020	.00279	
%RSD	2.1378	.90603	17.495	11.017	.07076	1.848	.36548	

#1	26.273	12.696	.00396	.04283	.10126	1.048	.76644	
#2	27.080	12.535	.00309	.03664	.10136	1.076	.76249	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4527.5	64540.	4769.0	96.207	3881.3			
Stddev	71.6	2620.	8.8	.794	68.2			
%RSD	1.5815	4.0600	.18522	.82547	1.7569			

#1	4578.2	62688.	4762.7	95.645	3929.5			
#2	4476.9	66393.	4775.2	96.768	3833.1			

Sample Name: I4540-01A Acquired: 8/3/2017 13:46:27 Type: Unk
Method: P4-ICP2(v2124) 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	.80935	2.0239	14.269	1.7070	.78406	143.34	3.6041	.18528	.22261
Stddev	.01372	.0526	.365	.0231	.01652	.12	.0002	.00126	.00698
%RSD	1.6957	2.5993	2.5609	1.3532	2.1073	.08525	.00486	.67819	3.1360

#1	.81905	2.0611	14.527	1.7233	.79574	143.25	3.6039	.18439	.22755
#2	.79964	1.9867	14.010	1.6906	.77238	143.42	3.6042	.18616	.21768

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	204.08	.80188	.35642	1.8974	346.10	4.5323	67.032	.94716	.10143
Stddev	.67	.00735	.00850	.0415	5.54	.0554	.317	.02300	.00159
%RSD	.32994	.91625	2.3857	2.1845	1.6011	1.2213	.47302	2.4284	1.5700

#1	203.60	.79669	.36243	1.9267	342.18	4.4932	66.808	.96342	.10030
#2	204.55	.80708	.35041	1.8681	350.02	4.5715	67.256	.93089	.10255

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	13.521	.71612	5.1197	24.269	.39452	.45762	5.6172	36.604	1.0250
Stddev	.020	.00486	.0855	.027	.00800	.00808	.1312	.504	.0250
%RSD	.14709	.67851	1.6693	.11199	2.0285	1.7667	2.3350	1.3770	2.4408

#1	13.507	.71268	5.0593	24.250	.40018	.45190	5.7099	36.248	1.0427
#2	13.535	.71956	5.1801	24.288	.38886	.46334	5.5244	36.961	1.0073

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8510	.36717	12.70	1.0672
Stddev	.0105	.00041	.28	.0001
%RSD	.21733	.11086	2.187	.00694

#1	4.8436	.36746	12.90	1.0672
#2	4.8585	.36688	12.50	1.0673

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5238.8	73663.	5388.3	88.579	3537.7
Stddev	97.7	274.	31.6	1.620	85.7
%RSD	1.8640	.37259	.58606	1.8291	2.4217

#1	5169.8	73857.	5410.6	89.724	3477.1
#2	5307.9	73469.	5366.0	87.433	3598.3

Sample Name: I4576-01 Acquired: 8/3/2017 13:50:24 Type: Unk
Method: P4-ICP2(v2124) 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	.00145	.00055	.05493	.00052	.01365	1.1731	.09715	.00006	.00148
Stddev	.00084	.00167	.00028	.00202	.00018	.0344	.00308	.00000	.00002
%RSD	58.111	301.59	.50368	390.03	1.3511	2.9349	3.1697	3.2593	1.4789

#1	.00085	-.00063	.05513	.00195	.01378	1.1975	.09932	.00006	.00149
#2	.00205	.00174	.05474	-.00091	.01352	1.1488	.09497	.00007	.00146

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.077	.02243	.00134	.21107	11.875	.10620	11.976	.01971	.00186
Stddev	1.254	.00063	.00004	.00112	.493	.00292	.247	.00001	.00015
%RSD	2.3622	2.8217	3.1855	.53170	4.1552	2.7451	2.0630	.05247	8.2974

#1	53.964	.02288	.00131	.21187	12.224	.10826	12.151	.01970	.00175
#2	52.191	.02199	.00137	.21028	11.526	.10414	11.802	.01971	.00196

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	453.70	.00197	.73085	14.195	.01701	.18785	111.01	7.1982	.01763
Stddev	8.09	.00012	.02931	.320	.00027	.01349	.41	.2337	.00041
%RSD	1.7833	5.8753	4.0100	2.2571	1.5954	7.1825	.37107	3.2469	2.3161

#1	459.42	.00205	.75157	14.422	.01682	.19739	111.30	7.3635	.01792
#2	447.98	.00189	.71013	13.969	.01720	.17831	110.72	7.0329	.01734

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.02116	.05164	2.771	.20408
Stddev	.00154	.00223	.005	.00572
%RSD	7.2799	4.3275	.1874	2.8020

#1	.02007	.05322	2.775	.20812
#2	.02225	.05006	2.767	.20003

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4554.6	64573.	4711.8	93.706	3839.9
Stddev	19.7	1329.	111.6	3.542	10.4
%RSD	.43294	2.0578	2.3674	3.7802	.27183

#1	4540.6	63633.	4633.0	91.202	3832.5
#2	4568.5	65512.	4790.7	96.211	3847.3

Sample Name: I4573-01 Acquired: 8/3/2017 13:54:38 Type: Unk
Method: P4-ICP2(v2124) 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	.00052	.01270	-.00083	-.00088	.08669	.01782	-.00001
Stddev	.00156	.00070	.00117	.00029	.00121	.00907	.00013	.00005
%RSD	384.84	134.71	9.2200	35.528	137.28	10.461	.75606	506.18

#1	.00151	.00002	.01353	-.00062	-.00174	.09310	.01792	-.00005
#2	-.00070	.00101	.01187	-.00104	-.00003	.08027	.01773	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	31.233	.00558	.00296	.43568	.16185	.02964	6.0401
Stddev	.00003	.294	.00028	.00009	.00213	.00550	.00035	.0033
%RSD	59.701	.94099	4.9882	3.0634	.48794	3.3972	1.1727	.05452

#1	.00003	31.440	.00539	.00302	.43418	.16574	.02988	6.0378
#2	.00007	31.025	.00578	.00290	.43719	.15796	.02939	6.0425

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00638	.00023	734.06	.00057	.17725	341.77	.00143	.03462
Stddev	.00058	.00021	2.99	.00007	.00036	1.84	.00016	.00113
%RSD	9.0362	91.219	.40744	12.187	.20271	.53872	11.219	3.2689

#1	.00597	.00008	736.18	.00052	.17751	343.07	.00154	.03542
#2	.00679	.00037	731.95	.00062	.17700	340.47	.00132	.03382

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	158.69	3.6362	.00148	.00298	-.00273	54.86	.06601	
Stddev	.80	.0001	.00043	.00122	.00111	.20	.00052	
%RSD	.50596	.00222	29.016	41.082	40.724	.3635	.79241	

#1	158.12	3.6362	.00178	.00384	-.00195	54.72	.06638	
#2	159.26	3.6361	.00117	.00211	-.00352	55.00	.06564	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4412.4	63331.	4686.0	93.359	3550.2			
Stddev	15.7	301.	24.3	.271	15.5			
%RSD	.35503	.47569	.51896	.28977	.43673			

#1	4423.5	63118.	4668.9	93.167	3561.1			
#2	4401.4	63544.	4703.2	93.550	3539.2			

Sample Name: CCV04 Acquired: 8/3/2017 13:58:52 Type: Unk
Method: P4-ICP2(v2124) 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	4.7582	4.8015	4.6928	4.8235	4.8172	10.377	9.8115	.24743	2.4099
Stddev	.0344	.0111	.0085	.0189	.0260	.082	.1182	.00035	.0027
%RSD	.72213	.23101	.18067	.39151	.54033	.78624	1.2042	.13995	.11188

#1	4.7825	4.8093	4.6988	4.8369	4.8356	10.319	9.8950	.24768	2.4118
#2	4.7339	4.7936	4.6868	4.8102	4.7988	10.434	9.7279	.24719	2.4080

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.527	.96333	2.4091	1.2137	4.8904	2.5184	23.922	2.4239	1.1890
Stddev	.072	.00462	.0053	.0036	.0216	.0055	.098	.0010	.0015
%RSD	.29259	.47974	.22022	.29762	.44138	.21969	.41170	.04254	.12574

#1	24.577	.96660	2.4128	1.2163	4.8752	2.5223	23.992	2.4246	1.1900
#2	24.476	.96007	2.4053	1.2111	4.9057	2.5145	23.852	2.4232	1.1879

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	23.027	2.4547	2.4795	24.889	4.8166	5.0469	4.8947	4.7900	4.7770
Stddev	.096	.0044	.0193	.081	.0240	.0068	.0223	.0630	.0040
%RSD	.41622	.17901	.77781	.32343	.49794	.13435	.45498	1.3142	.08271

#1	23.094	2.4578	2.4932	24.946	4.8335	5.0517	4.9104	4.8346	4.7798
#2	22.959	2.4516	2.4659	24.832	4.7996	5.0422	4.8790	4.7455	4.7742

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8577	5.0188	5.067	4.8931
Stddev	.0045	.0202	.011	.0529
%RSD	.09171	.40327	.2091	1.0805

#1	4.8545	5.0331	5.075	4.9305
#2	4.8608	5.0045	5.060	4.8557

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4614.4	62488.	4600.2	88.993	3689.1
Stddev	27.6	151.	62.4	.747	8.3
%RSD	.59879	.24120	1.3558	.83950	.22438

#1	4594.9	62381.	4556.1	88.465	3683.2
#2	4633.9	62594.	4644.3	89.522	3694.9

Sample Name: CCB04 Acquired: 8/3/2017 14:02:57 Type: Unk
Method: P4-ICP2(v2124) 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	.00036	.00134	.00082	-.00014	-.00080	.01175	.00082	.00002
Stddev	.00118	.00050	.00070	.00079	.00006	.00822	.00035	.00001
%RSD	330.01	37.697	85.046	568.77	7.8751	69.951	42.732	59.458

#1	-.00048	.00098	.00033	-.00069	-.00076	.01756	.00107	.00001
#2	.00119	.00170	.00132	.00042	-.00084	.00594	.00057	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00426	-.00019	-.00011	.00078	.00726	.00027	.02309
Stddev	.00001	.00237	.00027	.00007	.00011	.00951	.00002	.02390
%RSD	10.788	55.561	141.97	62.598	14.678	130.91	6.0938	103.52

#1	-.00012	.00593	.00000	-.00015	.00070	.00054	.00025	.00619
#2	-.00014	.00259	-.00039	-.00006	.00086	.01399	.00028	.03998

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.00013	.10715	-.00038	.00045	.11709	.00225	.00424
Stddev	.00012	.00079	.01301	.00007	.00013	.01310	.00056	.00963
%RSD	71.661	621.03	12.141	19.383	27.891	11.184	24.784	227.29

#1	-.00008	-.00043	.09795	-.00043	.00054	.10783	.00265	.01105
#2	-.00025	.00069	.11634	-.00033	.00036	.12635	.00186	-.00257

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	F .01283	.00725	.00130	.00246	.00058	F .0095	-.00009	
Stddev	.00219	.00015	.00118	.00015	.00086	.0004	.00007	
%RSD	17.041	2.0503	90.779	6.1774	148.93	3.965	77.038	

#1	.01438	.00714	.00213	.00257	-.00003	.0098	-.00013	
#2	.01129	.00735	.00046	.00235	.00119	.0092	-.00004	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4698.5	62285.	4601.4	91.616	3813.0			
Stddev	.8	27.	12.3	2.106	8.7			
%RSD	.01696	.04345	.26829	2.2991	.22944			

#1	4698.0	62304.	4592.6	90.127	3819.2			
#2	4699.1	62266.	4610.1	93.105	3806.8			

Sample Name: I4589-01 Acquired: 8/3/2017 14:07:17 Type: Unk
Method: P4-ICP2(v2124) 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	.00752	.00249	.01535	-.03753	-.00096	5.5681	.29514	.00029
Stddev	.00000	.00059	.00103	.00143	.00136	.0299	.00054	.00002
%RSD	.03830	23.650	6.6936	3.8215	141.66	.53688	.18276	5.1011

#1	.00752	.00291	.01462	-.03854	.00000	5.5470	.29476	.00028
#2	.00752	.00207	.01607	-.03652	-.00193	5.5893	.29552	.00031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	361.40	.01383	.00348	.03925	7.8807	.86661	65.958
Stddev	.00002	1.26	.00012	.00001	.00079	.0117	.00101	.304
%RSD	9.1041	.34778	.84835	.19207	2.0069	.14847	.11601	.46105

#1	.00019	360.51	.01374	.00348	.03869	7.8724	.86732	65.743
#2	.00022	362.29	.01391	.00349	.03981	7.8890	.86590	66.173

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01327	.00040	437.12	.01654	.17894	70.800	.03020	.59194
Stddev	.00003	.00023	.88	.00075	.00022	.230	.00009	.00306
%RSD	.19003	56.454	.20118	4.5309	.12322	.32452	.28670	.51685

#1	.01325	.00024	436.50	.01601	.17879	70.638	.03026	.58978
#2	.01329	.00056	437.75	.01707	.17910	70.963	.03014	.59410

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	73.853	31.315	.00315	.24061	.11354	.3248	3.6003	
Stddev	.470	.133	.00037	.00075	.00120	.0035	.0167	
%RSD	.63631	.42374	11.826	.31300	1.0579	1.071	.46375	

#1	73.521	31.221	.00289	.24008	.11269	.3224	3.5885	
#2	74.186	31.409	.00341	.24115	.11439	.3273	3.6121	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4344.1	62004.	4614.2	91.842	3575.4			
Stddev	23.3	192.	11.3	.201	21.1			
%RSD	.53697	.30967	.24583	.21885	.59102			

#1	4360.6	61869.	4622.2	91.984	3590.3			
#2	4327.6	62140.	4606.1	91.699	3560.5			

Sample Name: I4589-01DUP Acquired: 8/3/2017 14:11:38 Type: Unk
Method: P4-ICP2(v2124) 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	.00612	.00219	.01581	-.03772	-.00262	5.6133	.29224	.00032
Stddev	.00107	.00086	.00052	.00069	.00168	.1623	.00198	.00009
%RSD	17.466	39.495	3.2627	1.8338	64.172	2.8906	.67808	29.122

#1	.00537	.00280	.01545	-.03723	-.00380	5.4986	.29084	.00025
#2	.00688	.00158	.01618	-.03821	-.00143	5.7281	.29364	.00038

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	358.41	.01389	.00323	.03838	7.8901	.88239	65.604
Stddev	.00014	4.26	.00045	.00021	.00155	.0685	.03180	.925
%RSD	160.28	1.1893	3.2266	6.3586	4.0439	.86831	3.6035	1.4098

#1	-.00001	355.39	.01358	.00338	.03728	7.8417	.85991	64.950
#2	.00019	361.42	.01421	.00309	.03948	7.9386	.90487	66.258

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01261	.00040	435.55	.01708	.17745	69.977	.02973	.58133
Stddev	.00068	.00007	7.07	.00032	.00083	.570	.00127	.00076
%RSD	5.4278	16.168	1.6230	1.8616	.46824	.81384	4.2766	.13076

#1	.01213	.00045	430.55	.01686	.17687	69.575	.02883	.58080
#2	.01310	.00036	440.55	.01731	.17804	70.380	.03063	.58187

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	72.832	31.621	.00261	.23557	.11290	.3208	3.5693	
Stddev	3.090	.516	.00052	.00019	.00270	.0120	.0282	
%RSD	4.2426	1.6333	19.966	.08036	2.3904	3.737	.79092	

#1	70.647	31.256	.00297	.23544	.11099	.3123	3.5493	
#2	75.017	31.986	.00224	.23570	.11481	.3293	3.5892	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4381.5	61184.	4668.4	92.437	3632.7			
Stddev	174.4	1649.	45.4	.126	139.8			
%RSD	3.9813	2.6946	.97211	.13581	3.8486			

#1	4504.8	62350.	4700.5	92.526	3731.6			
#2	4258.1	60018.	4636.3	92.348	3533.8			

Sample Name: I4589-01LX5 Acquired: 8/3/2017 14:15:58 Type: Unk
Method: P4-ICP2(v2124) 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	.00134	.00106	.00271	-.00614	-.00396	1.0720	.06230	.00005
Stddev	.00079	.00002	.00094	.00056	.00105	.0643	.00181	.00003
%RSD	59.107	2.1843	34.462	9.1437	26.528	5.9935	2.8994	56.517

#1	.00190	.00108	.00205	-.00575	-.00470	1.1175	.06357	.00007
#2	.00078	.00104	.00338	-.00654	-.00321	1.0266	.06102	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	76.838	.00274	.00060	.00827	1.6904	.17962	14.267
Stddev	.00004	2.295	.00044	.00012	.00078	.0431	.01129	.399
%RSD	33.181	2.9864	16.171	19.392	9.4638	2.5524	6.2830	2.7971

#1	-.00009	78.461	.00305	.00052	.00883	1.7209	.18760	14.549
#2	-.00015	75.216	.00242	.00068	.00772	1.6598	.17164	13.984

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00241	.00028	90.272	.00320	.03772	14.465	.00613	.11747
Stddev	.00033	.00025	2.781	.00061	.00119	.376	.00005	.00326
%RSD	13.527	88.493	3.0810	19.128	3.1601	2.6019	.76106	2.7711

#1	.00264	.00045	92.239	.00364	.03857	14.731	.00617	.11517
#2	.00218	.00010	88.305	.00277	.03688	14.199	.00610	.11977

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	14.325	6.4954	-.00016	.05163	.02938	.0666	.76348	
Stddev	.082	.2457	.00046	.00437	.00237	.0010	.02320	
%RSD	.57032	3.7820	295.84	8.4617	8.0712	1.569	3.0382	

#1	14.267	6.6691	.00017	.05472	.02770	.0659	.77988	
#2	14.383	6.3217	-.00048	.04854	.03106	.0674	.74708	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4510.8	63300.	4435.4	89.619	3842.2			
Stddev	18.0	3256.	131.5	2.665	11.2			
%RSD	.39866	5.1430	2.9656	2.9735	.29135			

#1	4523.5	60998.	4342.4	87.735	3850.1			
#2	4498.1	65602.	4528.5	91.503	3834.3			

Sample Name: I4589-01MS Acquired: 8/3/2017 14:20:10 Type: Unk
Method: P4-ICP2(v2124) 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	.88827	1.9836	.97845	2.0886	.87268	7.7075	.50740	.22377	.19946
Stddev	.01539	.0206	.01858	.0270	.00991	.0201	.00046	.00045	.00239
%RSD	1.7322	1.0373	1.8986	1.2903	1.1351	.26035	.09028	.20134	1.1982

#1	.87739	1.9690	.96531	2.0696	.86567	7.6933	.50773	.22409	.19777
#2	.89915	1.9981	.99158	2.1077	.87968	7.7217	.50708	.22345	.20115

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	355.68	.43771	.20832	.34997	10.796	1.0815	66.759	.51705	.08396
Stddev	1.44	.00131	.00252	.00431	.499	.0032	.114	.00651	.00009
%RSD	.40580	.29913	1.2086	1.2318	4.6182	.29562	.17002	1.2595	.11026

#1	356.70	.43864	.20654	.34692	10.443	1.0838	66.839	.51244	.08390
#2	354.66	.43678	.21010	.35302	11.148	1.0793	66.678	.52165	.08403

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	427.17	.34423	.39662	80.138	.46826	.92582	73.879	32.033	.75130
Stddev	2.57	.00024	.01735	.123	.00682	.00607	.908	.149	.01061
%RSD	.60081	.06954	4.3749	.15383	1.4563	.65617	1.2296	.46554	1.4119

#1	428.98	.34440	.38435	80.225	.46344	.92153	73.236	32.138	.74379
#2	425.35	.34406	.40889	80.051	.47309	.93012	74.521	31.927	.75880

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.44606	.32382	6.699	3.7425
Stddev	.00428	.00113	.080	.0081
%RSD	.96057	.34885	1.197	.21613

#1	.44303	.32303	6.642	3.7368
#2	.44909	.32462	6.756	3.7482

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4291.1	60986.	4602.5	91.213	3498.3
Stddev	43.9	36.	9.3	3.783	34.6
%RSD	1.0230	.05900	.20258	4.1478	.98934

#1	4322.2	60960.	4595.9	93.889	3522.7
#2	4260.1	61011.	4609.0	88.538	3473.8

Sample Name: I4589-01MSD Acquired: 8/3/2017 14:24:17 Type: Unk
Method: P4-ICP2(v2124) 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	.87211	1.9549	.95938	2.0553	.86000	7.7218	.50620	.22084	.19647
Stddev	.01022	.0313	.01123	.0179	.00879	.0021	.00359	.00042	.00301
%RSD	1.1718	1.6024	1.1708	.87273	1.0223	.02708	.70858	.19160	1.5329

#1	.87934	1.9771	.96732	2.0680	.86622	7.7203	.50874	.22055	.19860
#2	.86489	1.9328	.95143	2.0427	.85379	7.7233	.50367	.22114	.19435

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	355.24	.43224	.20555	.34378	10.750	1.0694	66.273	.50950	.08292
Stddev	2.60	.00044	.00309	.00418	.009	.0001	.508	.00770	.00035
%RSD	.73078	.10275	1.5033	1.2154	.08680	.00906	.76591	1.5105	.41704

#1	357.08	.43192	.20773	.34673	10.743	1.0695	66.632	.51495	.08316
#2	353.41	.43255	.20336	.34083	10.756	1.0693	65.914	.50406	.08267

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	426.03	.33900	.40011	80.105	.46049	.91382	72.798	31.573	.74153
Stddev	6.52	.00005	.00049	.588	.00521	.00310	.979	.230	.01008
%RSD	1.5305	.01593	.12332	.73404	1.1312	.33899	1.3454	.72749	1.3598

#1	430.64	.33897	.40046	80.521	.46417	.91163	73.490	31.736	.74866
#2	421.42	.33904	.39976	79.690	.45680	.91601	72.105	31.411	.73440

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.43886	.32561	6.624	3.7616
Stddev	.00084	.00397	.083	.0401
%RSD	.19083	1.2207	1.248	1.0661

#1	.43945	.32842	6.682	3.7899
#2	.43827	.32280	6.566	3.7332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4363.4	60958.	4581.9	90.299	3546.3
Stddev	49.9	74.	38.7	.040	44.9
%RSD	1.1435	.12211	.84445	.04412	1.2648

#1	4328.2	60905.	4554.6	90.270	3514.6
#2	4398.7	61011.	4609.3	90.327	3578.1

Sample Name: I4589-01A Acquired: 8/3/2017 14:28:25 Type: Unk
Method: P4-ICP2(v2124) 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	.88154	1.9886	.97072	2.0805	.86394	7.8966	.52231	.22551	.19841
Stddev	.00716	.0051	.00393	.0132	.00800	.0100	.00900	.00079	.00094
%RSD	.81207	.25645	.40512	.63344	.92585	.12624	1.7236	.35069	.47438

#1	.87648	1.9850	.96794	2.0712	.85828	7.8895	.51594	.22495	.19775
#2	.88661	1.9922	.97350	2.0898	.86960	7.9036	.52867	.22607	.19908

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	362.34	.43965	.20859	.34904	10.877	1.0719	67.397	.51600	.08430
Stddev	5.77	.00159	.00086	.00203	.065	.0047	1.325	.00085	.00074
%RSD	1.5930	.36200	.41208	.58264	.59549	.44354	1.9656	.16461	.87460

#1	358.25	.43852	.20798	.34761	10.831	1.0686	66.461	.51540	.08378
#2	366.42	.44078	.20919	.35048	10.922	1.0753	68.334	.51660	.08482

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	430.16	.34633	.38820	81.846	.46370	.94470	72.174	32.484	.75102
Stddev	7.04	.00010	.00314	1.341	.00274	.01328	.286	.703	.00099
%RSD	1.6367	.02815	.80803	1.6389	.59083	1.4052	.39595	2.1653	.13163

#1	425.18	.34626	.38598	80.897	.46176	.93532	71.972	31.987	.75032
#2	435.14	.34640	.39041	82.794	.46564	.95409	72.376	32.981	.75172

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.47182	.33781	6.690	3.8206
Stddev	.01179	.00582	.030	.0411
%RSD	2.4996	1.7218	.4528	1.0772

#1	.46348	.33370	6.669	3.7915
#2	.48016	.34193	6.712	3.8497

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4367.6	60901.	4493.7	90.439	3549.3
Stddev	19.6	54.	75.6	.581	8.7
%RSD	.44969	.08938	1.6828	.64204	.24373

#1	4381.5	60940.	4547.1	90.849	3555.4
#2	4353.7	60863.	4440.2	90.028	3543.2

Sample Name: I4374-01 Acquired: 8/3/2017 14:32:42 Type: Unk
Method: P4-ICP2(v2124) 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	-.00048	.00211	.00101	.00092	.00053	.00354	.00065	-.00007
Stddev	.00098	.00083	.00187	.00069	.00094	.00544	.00081	.00001
%RSD	203.16	39.186	185.46	75.077	176.28	153.84	125.51	10.671

#1	.00021	.00153	-.00031	.00141	.00119	.00739	.00122	-.00007
#2	-.00118	.00270	.00233	.00043	-.00013	-.00031	.00007	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.09358	.00050	-.00008	.00080	.05218	.00105	.03439
Stddev	.00000	.00228	.00001	.00003	.00009	.00439	.00007	.00305
%RSD	6.5274	2.4354	1.4138	34.654	11.501	8.4174	6.3804	8.8697

#1	.00003	.09519	.00051	-.00006	.00087	.05529	.00100	.03654
#2	.00003	.09197	.00050	-.00010	.00074	.04908	.00110	.03223

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	-.00017	.11253	-.00048	.10111	.07995	.00003	.00267
Stddev	.00003	.00008	.01164	.00024	.00043	.02458	.00009	.00333
%RSD	6.0956	48.386	10.343	48.565	.42408	30.740	333.50	125.00

#1	.00046	-.00023	.10430	-.00065	.10142	.09733	.00009	.00503
#2	.00051	-.00011	.12076	-.00032	.10081	.06257	-.00004	.00031

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.01580	.02740	-.00153	.00261	-.00589	.0051	.00019	
Stddev	.00001	.00008	.00002	.00131	.00191	.0011	.00011	
%RSD	.05961	.29585	1.4990	50.122	32.485	22.29	56.096	

#1	.01580	.02734	-.00155	.00354	-.00454	.0043	.00027	
#2	.01579	.02745	-.00152	.00169	-.00725	.0059	.00012	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4739.8	65120.	4748.4	94.298	3854.4			
Stddev	9.7	2582.	10.5	.217	20.6			
%RSD	.20505	3.9650	.22052	.23064	.53512			

#1	4732.9	66946.	4741.0	94.145	3839.8			
#2	4746.7	63295.	4755.8	94.452	3869.0			

Sample Name: I4374-01DUP Acquired: 8/3/2017 14:36:54 Type: Unk
Method: P4-ICP2(v2124) 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	-.00052	.00089	.00175	-.00012	-.00076	.01092	.00043	-.00006
Stddev	.00101	.00100	.00154	.00075	.00154	.00869	.00041	.00001
%RSD	194.73	111.64	88.358	619.62	202.00	79.517	94.632	12.207

#1	.00019	.00160	.00066	.00041	-.00185	.01706	.00014	-.00005
#2	-.00123	.00019	.00284	-.00065	.00033	.00478	.00072	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.09183	.00058	-.00033	.00084	.04753	.00101	.01337
Stddev	.0001	.00171	.00044	.00011	.00010	.00203	.00005	.03584
%RSD	15009.	1.8674	76.537	31.789	11.902	4.2712	5.3233	268.14

#1	.00004	.09304	.00026	-.00026	.00091	.04896	.00098	.03871
#2	-.00004	.09062	.00089	-.00041	.00077	.04609	.00105	-.01198

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00011	.03986	-.00031	.09660	.06948	-.00026	.00535
Stddev	.00046	.00014	.00223	.00012	.00289	.00629	.00032	.00556
%RSD	486.59	131.15	5.5981	39.715	2.9947	9.0554	122.01	104.06

#1	.00042	.00021	.03829	-.00022	.09865	.06503	-.00004	.00141
#2	-.00023	.00001	.04144	-.00040	.09456	.07393	-.00049	.00928

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.01351	.01954	-.00098	.00246	-.00904	.0046	.00012	
Stddev	.00043	.00297	.00006	.00072	.00151	.0002	.00001	
%RSD	3.1596	15.219	6.3113	29.140	16.693	4.966	5.4625	

#1	.01381	.02164	-.00094	.00195	-.00797	.0044	.00012	
#2	.01321	.01744	-.00102	.00296	-.01011	.0047	.00013	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4706.8	63655.	4856.9	98.728	3835.7			
Stddev	84.9	787.	109.3	2.931	62.4			
%RSD	1.8039	1.2357	2.2504	2.9685	1.6266			

#1	4646.8	63099.	4779.6	96.656	3791.5			
#2	4766.9	64212.	4934.2	100.80	3879.8			

Sample Name: I4374-01LX5 Acquired: 8/3/2017 14:41:07 Type: Unk
Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00156	.00018	-.00111	-.00017	.00146	.00119	.00000
Stddev	.00194	.00018	.00070	.00040	.00170	.00852	.00008	.00004
%RSD	2271.1	11.581	377.18	35.827	995.27	585.52	7.1216	2700.7

#1	-.00129	.00169	.00068	-.00139	.00103	-.00457	.00113	-.00003
#2	.00146	.00143	-.00031	-.00083	-.00137	.00748	.00125	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.03854	-.00009	-.00010	.00052	.01064	.00024	.03859
Stddev	.00006	.00978	.00001	.00003	.00005	.00993	.00001	.02287
%RSD	41.083	25.387	6.0404	26.649	10.078	93.353	3.3792	59.260

#1	-.00010	.04546	-.00010	-.00008	.00056	.01766	.00024	.02242
#2	-.00017	.03162	-.00009	-.00011	.00048	.00362	.00025	.05477

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	.00047	.22645	-.00060	.02193	.14453	-.00024	-.00100
Stddev	.00029	.00013	.00791	.00009	.00002	.00435	.00003	.00086
%RSD	98.080	26.872	3.4920	14.947	.09300	3.0070	13.126	86.248

#1	-.00009	.00056	.22086	-.00066	.02191	.14146	-.00026	-.00161
#2	-.00050	.00038	.23204	-.00053	.02194	.14761	-.00022	-.00039

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.01385	.01068	-.00109	.00291	.00070	.0018	.00009	
Stddev	.00170	.00068	.00042	.00054	.00104	.0004	.00007	
%RSD	12.259	6.3664	38.450	18.571	148.98	25.57	82.557	

#1	.01505	.01116	-.00138	.00329	.00144	.0014	.00014	
#2	.01265	.01020	-.00079	.00253	-.00004	.0021	.00004	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4592.7	60823.	4549.2	88.461	3702.4			
Stddev	.1	89.	5.2	.106	4.7			
%RSD	.00133	.14564	.11489	.11990	.12733			

#1	4592.7	60761.	4545.5	88.536	3699.0			
#2	4592.6	60886.	4552.9	88.386	3705.7			

Sample Name: I4374-01MS Acquired: 8/3/2017 14:45:21 Type: Unk
Method: P4-ICP2(v2124) 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	.80450	1.9814	.98182	1.9664	.80017	2.2235	.22112	.21284	.20313
Stddev	.00321	.0087	.00297	.0060	.00839	.0093	.00470	.00167	.00113
%RSD	.39840	.43927	.30229	.30266	1.0487	.41802	2.1262	.78562	.55643

#1	.80676	1.9876	.98391	1.9706	.80611	2.2169	.21780	.21166	.20393
#2	.80223	1.9753	.97972	1.9622	.79424	2.2301	.22445	.21403	.20233

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1907	.43822	.20973	.33124	3.1108	.22423	2.1366	.52979	.07420
Stddev	.0296	.00319	.00092	.00172	.0272	.00152	.0876	.00209	.00122
%RSD	2.4848	.72736	.43668	.51915	.87310	.67819	4.0974	.39543	1.6395

#1	1.1698	.43597	.21037	.33245	3.0916	.22315	2.0747	.53127	.07334
#2	1.2116	.44048	.20908	.33002	3.1300	.22530	2.1985	.52831	.07506

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	3.2965	.32303	.31851	10.897	.41439	.33105	.00919	.95515	.71176
Stddev	.1242	.00148	.00477	.272	.00276	.00478	.00047	.03360	.00451
%RSD	3.7664	.45871	1.4976	2.4980	.66556	1.4452	5.0715	3.5180	.63307

#1	3.2087	.32198	.31514	10.705	.41634	.32767	.00886	.93139	.71495
#2	3.3843	.32407	.32188	11.090	.41244	.33443	.00952	.97891	.70857

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.21266	.20150	5.645	.19985
Stddev	.00482	.00775	.025	.00552
%RSD	2.2656	3.8459	.4482	2.7626

#1	.20925	.19602	5.663	.19595
#2	.21606	.20698	5.627	.20376

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4687.2	62939.	4649.9	95.623	3904.2
Stddev	15.6	259.	117.2	1.633	8.2
%RSD	.33367	.41207	2.5193	1.7080	.21059

#1	4676.1	63122.	4732.8	96.778	3898.4
#2	4698.2	62756.	4567.1	94.468	3910.0

Sample Name: CCV05 Acquired: 8/3/2017 14:49:19 Type: Unk
Method: P4-ICP2(v2124) 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	4.7506	4.9102	4.6681	4.8957	4.8371	10.443	10.017	.25166	2.4221
Stddev	.0132	.0060	.0063	.0032	.0141	.031	.089	.00139	.0009
%RSD	.27708	.12270	.13418	.06635	.29092	.29909	.89017	.55233	.03847

#1	4.7599	4.9059	4.6637	4.8934	4.8471	10.421	10.080	.25265	2.4215
#2	4.7412	4.9144	4.6726	4.8980	4.8272	10.465	9.9542	.25068	2.4228

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.786	1.0024	2.4262	1.2191	4.8484	2.5522	23.832	2.4558	1.2135
Stddev	.210	.0020	.0000	.0042	.1081	.0115	.404	.0059	.0054
%RSD	.84560	.19770	.00128	.34242	2.2287	.45216	1.6959	.24072	.44692

#1	24.637	1.0038	2.4261	1.2220	4.7720	2.5603	23.547	2.4516	1.2174
#2	24.934	1.0010	2.4262	1.2161	4.9248	2.5440	24.118	2.4600	1.2097

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	23.714	2.5055	2.4883	25.057	4.8119	5.1035	4.9156	4.8827	4.8136
Stddev	.124	.0086	.0407	.070	.0068	.0379	.0014	.0131	.0001
%RSD	.52166	.34486	1.6363	.27897	.14103	.74322	.02891	.26813	.00243

#1	23.627	2.5116	2.4595	25.007	4.8167	5.0767	4.9166	4.8920	4.8135
#2	23.802	2.4993	2.5171	25.106	4.8071	5.1303	4.9146	4.8735	4.8137

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.9233	5.0547	5.176	4.9678
Stddev	.0312	.0254	.006	.0298
%RSD	.63421	.50244	.1079	.60036

#1	4.9012	5.0368	5.172	4.9467
#2	4.9454	5.0727	5.180	4.9889

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4590.0	61454.	4561.1	88.746	3640.4
Stddev	21.1	222.	5.8	1.262	10.0
%RSD	.45878	.36100	.12675	1.4224	.27558

#1	4575.1	61297.	4557.0	89.639	3633.3
#2	4604.9	61611.	4565.2	87.853	3647.5

Sample Name: CCB05 Acquired: 8/3/2017 14:53:23 Type: Unk

Method: P4-ICP2(v2124) 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	.00016	.00023	-.00013	-.00061	-.00110	.00077	.00007
Stddev	.00069	.00028	.00005	.00045	.00033	.00427	.00010	.00005
%RSD	100.60	181.58	22.785	338.36	54.324	387.97	12.461	69.102

#1	.00020	.00036	.00019	.00019	-.00084	-.00412	.00083	.00003
#2	.00118	-.00004	.00026	-.00045	-.00037	.00192	.00070	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00533	.00005	.00011	.00049	-.00676	-.00003	.03584
Stddev	.00007	.00220	.00012	.00015	.00019	.01336	.00003	.00234
%RSD	155.96	41.293	248.33	137.31	38.743	197.56	101.72	6.5416

#1	.00000	-.00688	.00013	.00000	.00035	-.01620	-.00001	.03418
#2	-.00010	-.00377	-.00004	.00021	.00062	.00268	-.00005	.03749

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.00013	.09337	-.00069	-.00005	.07063	.00252	.01249
Stddev	.00021	.00004	.00229	.00036	.00016	.02136	.00072	.00181
%RSD	127.47	30.875	2.4561	52.903	322.14	30.248	28.534	14.511

#1	-.00002	.00016	.09174	-.00043	-.00016	.05552	.00302	.01121
#2	-.00031	.00010	.09499	-.00094	.00006	.08574	.00201	.01377

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00371	.00556	.00099	.00417	-.00261	.0010	-.00018	
Stddev	.00066	.00138	.00029	.00312	.00044	.0009	.00008	
%RSD	17.934	24.766	29.032	74.828	16.920	93.27	43.034	

#1	.00418	.00654	.00120	.00638	-.00292	.0016	-.00013	
#2	.00324	.00459	.00079	.00196	-.00230	.0003	-.00024	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4640.5	61315.	4568.0	89.509	3758.9			
Stddev	3.0	221.	34.8	1.343	10.8			
%RSD	.06404	.36067	.76172	1.5010	.28605			

#1	4638.4	61158.	4543.4	90.459	3751.3			
#2	4642.7	61471.	4592.7	88.559	3766.5			

Sample Name: I4374-01MSD Acquired: 8/3/2017 14:57:44 Type: Unk
Method: P4-ICP2(v2124) 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	.79482	1.9624	.97341	1.9467	.79272	2.2424	.21914	.21580	.20119
Stddev	.00303	.0025	.00093	.0044	.00204	.0104	.00004	.00107	.00056
%RSD	.38063	.12716	.09529	.22538	.25688	.46215	.01675	.49618	.27591

#1	.79696	1.9606	.97406	1.9498	.79416	2.2497	.21912	.21656	.20158
#2	.79268	1.9642	.97275	1.9436	.79128	2.2350	.21917	.21504	.20080

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1658	.44261	.20739	.32767	3.1548	.22621	2.1412	.52391	.07490
Stddev	.0083	.00179	.00021	.00036	.0151	.00056	.0350	.00001	.00012
%RSD	.71046	.40409	.09993	.10958	.47959	.24569	1.6354	.00253	.16431

#1	1.1716	.44388	.20724	.32792	3.1655	.22661	2.1660	.52392	.07499
#2	1.1599	.44135	.20753	.32741	3.1441	.22582	2.1164	.52390	.07481

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	3.2847	.32673	.31802	10.857	.41120	.33130	.01187	.95345	.70581
Stddev	.0014	.00174	.00096	.002	.00076	.00062	.00064	.01006	.00009
%RSD	.04356	.53168	.30155	.01635	.18593	.18718	5.3811	1.0550	.01213

#1	3.2837	.32795	.31870	10.859	.41066	.33086	.01232	.96056	.70574
#2	3.2857	.32550	.31734	10.856	.41174	.33174	.01142	.94634	.70587

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.21122	.20049	5.577	.19814
Stddev	.00056	.00138	.034	.00119
%RSD	.26349	.68975	.6003	.59981

#1	.21082	.20147	5.600	.19898
#2	.21161	.19951	5.553	.19730

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4745.3	62438.	4674.5	95.977	3958.5
Stddev	24.5	136.	23.8	.505	20.1
%RSD	.51628	.21847	.50942	.52578	.50858

#1	4727.9	62341.	4657.6	95.620	3944.2
#2	4762.6	62534.	4691.3	96.334	3972.7

Sample Name: I4374-01A Acquired: 8/3/2017 15:01:42 Type: Unk
Method: P4-ICP2(v2124) 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	.86543	2.1252	1.0506	2.1160	.85074	2.4031	.23984	.22844	.21679
Stddev	.00439	.0078	.0091	.0076	.00005	.0171	.00153	.00025	.00142
%RSD	.50719	.36906	.86250	.35713	.00560	.71063	.63890	.10758	.65651

#1	.86854	2.1308	1.0570	2.1213	.85077	2.3910	.23875	.22827	.21780
#2	.86233	2.1197	1.0442	2.1106	.85071	2.4151	.24092	.22862	.21579

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2663	.47392	.22383	.35597	3.3018	.24094	2.3052	.56582	.08124
Stddev	.0244	.00107	.00149	.00243	.0669	.00078	.0383	.00328	.00015
%RSD	1.9285	.22607	.66479	.68288	2.0247	.32313	1.6613	.57987	.18194

#1	1.2836	.47316	.22488	.35769	3.2545	.24039	2.3323	.56814	.08113
#2	1.2490	.47468	.22277	.35425	3.3491	.24149	2.2781	.56350	.08134

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	3.5798	.34986	.31661	11.805	.44741	.35552	.00773	1.0407	.76652
Stddev	.0016	.00086	.00612	.095	.00182	.00683	.00274	.0050	.00469
%RSD	.04486	.24490	1.9328	.80435	.40722	1.9225	35.497	.48438	.61243

#1	3.5809	.34926	.31228	11.872	.44870	.35069	.00967	1.0443	.76984
#2	3.5786	.35047	.32094	11.738	.44612	.36036	.00579	1.0372	.76320

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.23154	.21887	6.015	.21721
Stddev	.00289	.00079	.024	.00060
%RSD	1.2496	.36063	.3977	.27480

#1	.23358	.21943	6.032	.21764
#2	.22949	.21831	5.998	.21679

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4702.9	62912.	4660.5	97.323	3935.5
Stddev	24.2	88.	28.7	1.741	21.0
%RSD	.51441	.13953	.61498	1.7887	.53328

#1	4685.8	62974.	4640.2	98.554	3920.7
#2	4720.0	62850.	4680.7	96.092	3950.4

Sample Name: PB101219BL Acquired: 8/3/2017 15:05:42 Type: Unk
Method: P4-ICP2(v2124) 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	-.00077	.00030	.00015	-.00268	-.00091	.00770	.00036	.00001
Stddev	.00110	.00031	.00072	.00014	.00004	.00196	.00026	.00001
%RSD	142.32	100.40	491.41	5.3714	4.1526	25.446	73.144	75.852

#1	.00000	.00009	.00066	-.00258	-.00089	.00909	.00055	.00001
#2	-.00155	.00052	-.00036	-.00279	-.00094	.00632	.00017	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.01461	.00018	-.00003	-.00001	-.00815	-.00013	.04830
Stddev	.00005	.00337	.00031	.00012	.00035	.00418	.00003	.01245
%RSD	63.035	23.092	166.11	383.03	3990.3	51.273	27.457	25.785

#1	-.00011	.01700	-.00003	.00005	.00024	-.00520	-.00010	.05710
#2	-.00004	.01223	.00040	-.00012	-.00026	-.01111	-.00015	.03949

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00039	.04703	-.00034	-.00016	.06659	.00030	.00578
Stddev	.00010	.00018	.00704	.00003	.00000	.00078	.00016	.01176
%RSD	108.70	46.684	14.979	9.7849	2.1528	1.1643	53.111	203.53

#1	-.00016	.00026	.04205	-.00036	-.00016	.06714	.00041	-.00254
#2	-.00002	.00052	.05201	-.00031	-.00016	.06604	.00019	.01410

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00259	.00455	.00005	.00240	-.00041	.0014	-.00007	
Stddev	.00241	.00182	.00030	.00062	.00022	.0001	.00002	
%RSD	93.006	40.042	571.29	25.943	55.070	7.515	35.842	

#1	.00089	.00584	-.00016	.00196	-.00057	.0013	-.00009	
#2	.00429	.00326	.00027	.00284	-.00025	.0015	-.00005	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4640.0	61425.	4587.3	91.965	3775.7			
Stddev	1.8	171.	26.5	1.533	1.5			
%RSD	.03865	.27867	.57791	1.6671	.03851			

#1	4638.7	61304.	4568.5	93.049	3774.7			
#2	4641.3	61546.	4606.0	90.881	3776.7			

Sample Name: PB101219BS Acquired: 8/3/2017 15:10:00 Type: Unk
Method: P4-ICP2(v2124) 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	.79362	1.9765	.96865	1.8157	.81426	2.2418	.22252	.20887	.20209
Stddev	.00481	.0096	.00237	.0073	.00224	.0114	.00195	.00044	.00124
%RSD	.60613	.48766	.24419	.40135	.27564	.51015	.87812	.21266	.61593

#1	.79702	1.9833	.97032	1.8209	.81585	2.2499	.22113	.20918	.20297
#2	.79022	1.9696	.96697	1.8106	.81268	2.2337	.22390	.20855	.20121

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1577	.44423	.20955	.32828	3.1107	.22716	2.1304	.52738	.07471
Stddev	.0106	.00103	.00095	.00133	.0066	.00038	.0161	.00160	.00006
%RSD	.91147	.23197	.45161	.40603	.21145	.16560	.75767	.30305	.08673

#1	1.1503	.44350	.21021	.32922	3.1153	.22743	2.1190	.52851	.07467
#2	1.1652	.44496	.20888	.32733	3.1060	.22689	2.1418	.52625	.07476

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	3.3026	.32901	.20465	11.007	.42955	.34277	2.6077	.93450	.73447
Stddev	.0072	.00005	.00037	.114	.00034	.00699	.0052	.00891	.00256
%RSD	.21895	.01443	.18271	1.0321	.07906	2.0401	.20097	.95360	.34857

#1	3.2975	.32898	.20491	10.927	.42979	.34771	2.6114	.92820	.73628
#2	3.3077	.32905	.20438	11.087	.42931	.33782	2.6040	.94080	.73266

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.22381	.21398	5.552	.20268
Stddev	.00611	.00106	.015	.00156
%RSD	2.7297	.49487	.2773	.77063

#1	.21949	.21323	5.563	.20157
#2	.22813	.21473	5.541	.20378

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4652.9	62215.	4600.6	96.146	3909.8
Stddev	32.4	454.	4.0	.335	28.9
%RSD	.69586	.73036	.08719	.34797	.73795

#1	4630.0	61894.	4603.4	95.909	3889.4
#2	4675.8	62537.	4597.8	96.382	3930.2

Sample Name: I4540-13 Acquired: 8/3/2017 15:14:04 Type: Unk
Method: P4-ICP2(v2124) 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	.11078	.01780	14.747	.14668	.07242	141.15	3.4412	.00446	.02321
Stddev	.00139	.00103	.079	.00973	.00011	.43	.0795	.00023	.00154
%RSD	1.2572	5.7979	.53676	6.6363	.15830	.30623	2.3102	5.1956	6.6239

#1	.10980	.01853	14.803	.15357	.07234	140.85	3.4974	.00429	.02212
#2	.11176	.01707	14.691	.13980	.07250	141.46	3.3849	.00462	.02429

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	147.26	.54992	.31016	2.4280	415.41	3.8210	87.649	.73606	.03972
Stddev	3.28	.00897	.00123	.0019	18.29	.0170	2.236	.00337	.00189
%RSD	2.2241	1.6310	.39783	.07769	4.4026	.44512	2.5515	.45781	4.7591

#1	149.57	.54358	.31104	2.4294	428.34	3.8090	89.230	.73844	.04106
#2	144.94	.55626	.30929	2.4267	402.47	3.8331	86.068	.73368	.03839

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	8.5758	.53176	6.2245	50.611	.02881	.09199	17.713	25.412	.41969
Stddev	.2126	.00844	.2135	1.031	.00016	.01701	.114	.394	.00238
%RSD	2.4791	1.5863	3.4303	2.0377	.55176	18.491	.64228	1.5517	.56782

#1	8.7261	.52579	6.3755	51.340	.02892	.10402	17.793	25.691	.42137
#2	8.4255	.53772	6.0736	49.882	.02870	.07996	17.633	25.133	.41800

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	13.855	.19589	11.19	.64414
Stddev	.324	.00462	.05	.01550
%RSD	2.3353	2.3597	.4119	2.4058

#1	14.084	.19916	11.23	.65510
#2	13.627	.19262	11.16	.63318

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5405.7	75269.	5580.0	85.817	3377.5
Stddev	30.5	757.	93.1	3.027	18.2
%RSD	.56396	1.0058	1.6683	3.5277	.54000

#1	5384.1	75805.	5514.2	83.676	3364.6
#2	5427.2	74734.	5645.8	87.957	3390.4

Sample Name: I4540-17 Acquired: 8/3/2017 15:18:10 Type: Unk
Method: P4-ICP2(v2124) 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	.12193	.01430	7.3401	.14772	.09725	112.16	2.5180	.00372	.03485
Stddev	.00174	.00161	.0082	.00154	.00050	.05	.0003	.00011	.00112
%RSD	1.4259	11.271	.11213	1.0431	.51316	.04182	.01176	2.8979	3.2066

#1	.12070	.01544	7.3459	.14663	.09689	112.19	2.5178	.00379	.03564
#2	.12316	.01316	7.3343	.14881	.09760	112.12	2.5182	.00364	.03406

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.93	.59557	.26922	2.0569	418.97	4.5046	68.347	.55541	.04010
Stddev	.02	.00042	.00120	.0062	9.15	.0025	.124	.00277	.00071
%RSD	.01235	.06980	.44671	.30227	2.1848	.05536	.18190	.49834	1.7783

#1	154.91	.59586	.27007	2.0613	412.50	4.5029	68.260	.55737	.03960
#2	154.94	.59527	.26837	2.0525	425.45	4.5064	68.435	.55345	.04061

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7767	.48598	5.3976	26.719	.03490	.13745	38.877	25.391	.33238
Stddev	.0029	.00035	.1540	.047	.00012	.01162	.077	.185	.00153
%RSD	.03670	.07234	2.8525	.17481	.34297	8.4514	.19910	.72999	.46167

#1	7.7747	.48623	5.2887	26.686	.03499	.12924	38.932	25.260	.33347
#2	7.7787	.48573	5.5065	26.752	.03482	.14567	38.822	25.522	.33130

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	9.6744	.15530	11.53	.58135
Stddev	.0336	.00077	.04	.00011
%RSD	.34705	.49667	.3214	.01922

#1	9.6981	.15585	11.56	.58143
#2	9.6506	.15476	11.51	.58127

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5498.6	76799.	5786.5	86.406	3417.3
Stddev	3.0	173.	36.4	2.477	10.6
%RSD	.05379	.22569	.62822	2.8662	.31043

#1	5496.5	76922.	5812.2	88.157	3409.8
#2	5500.6	76677.	5760.8	84.655	3424.8

Sample Name: I4540-21 Acquired: 8/3/2017 15:22:20 Type: Unk
Method: P4-ICP2(v2124) 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	.12144	.01270	11.626	.11998	.12363	128.13	3.8925	.00535	.03069
Stddev	.00006	.00278	.003	.00040	.00038	.62	.0134	.00001	.00057
%RSD	.04718	21.917	.02786	.33063	.30898	.48289	.34414	.24095	1.8716

#1	.12148	.01073	11.624	.11970	.12336	128.57	3.8830	.00536	.03110
#2	.12140	.01467	11.629	.12026	.12390	127.69	3.9019	.00534	.03029

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	251.67	.63219	.16098	4.4827	384.11	5.5150	67.998	.95630	.03936
Stddev	.89	.00011	.00001	.0097	6.36	.0312	.365	.00183	.00054
%RSD	.35196	.01703	.00417	.21578	1.6548	.56645	.53621	.19187	1.3678

#1	251.05	.63227	.16097	4.4896	379.62	5.5371	67.740	.95760	.03898
#2	252.30	.63211	.16098	4.4759	388.61	5.4929	68.256	.95500	.03974

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	15.898	.52580	9.3410	22.310	.03484	.20981	9.4825	22.566	4.7254
Stddev	.032	.00009	.2084	.125	.00028	.00793	.0164	.193	.0076
%RSD	.19888	.01751	2.2313	.56062	.81762	3.7799	.17302	.85574	.15976

#1	15.875	.52586	9.1936	22.221	.03504	.21542	9.4941	22.430	4.7200
#2	15.920	.52573	9.4884	22.398	.03463	.20420	9.4709	22.703	4.7307

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	6.8105	.19373	8.260	1.0990
Stddev	.0047	.00037	.018	.0031
%RSD	.06938	.19198	.2221	.28045

#1	6.8139	.19347	8.273	1.0968
#2	6.8072	.19400	8.247	1.1012

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5293.9	74197.	5603.5	88.317	3392.0
Stddev	19.2	251.	32.1	1.737	16.6
%RSD	.36226	.33816	.57236	1.9673	.48994

#1	5280.3	74020.	5626.2	89.546	3380.2
#2	5307.4	74375.	5580.8	87.089	3403.7

Sample Name: I4541-01 Acquired: 8/3/2017 15:26:32 Type: Unk
Method: P4-ICP2(v2124) 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	.28098	.01200	5.4815	.11177	.03975	139.89	3.3162	.00509	.01747
Stddev	.00033	.00001	.0005	.00457	.00029	.17	.0059	.00002	.00050
%RSD	.11691	.11099	.00878	4.0896	.71883	.11909	.17781	.37835	2.8592

#1	.28121	.01201	5.4811	.11501	.03995	140.01	3.3120	.00508	.01711
#2	.28074	.01199	5.4818	.10854	.03955	139.78	3.3203	.00511	.01782

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	132.29	.43133	.17350	1.5899	330.16	5.0560	75.916	1.2768	.03418
Stddev	.30	.00208	.00025	.0012	5.56	.0417	.216	.0052	.00065
%RSD	.22300	.48330	.14173	.07391	1.6845	.82563	.28444	.40406	1.8897

#1	132.08	.42986	.17368	1.5891	334.10	5.0265	75.764	1.2804	.03464
#2	132.50	.43281	.17333	1.5907	326.23	5.0855	76.069	1.2732	.03373

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	10.243	.54502	4.6356	16.429	.01882	.11419	7.5066	24.771	.42793
Stddev	.003	.00202	.0411	.046	.00032	.00277	.0022	.169	.00049
%RSD	.02863	.37048	.88746	.27788	1.7214	2.4280	.02997	.68400	.11386

#1	10.241	.54359	4.6647	16.397	.01859	.11615	7.5082	24.651	.42828
#2	10.245	.54645	4.6065	16.462	.01905	.11223	7.5050	24.891	.42759

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	6.9584	.20466	6.065	.60515
Stddev	.0039	.00018	.015	.00029
%RSD	.05534	.09028	.2464	.04743

#1	6.9557	.20453	6.076	.60495
#2	6.9612	.20479	6.055	.60536

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5154.4	71753.	5418.5	88.517	3478.9
Stddev	21.2	105.	27.8	.979	9.0
%RSD	.41100	.14587	.51213	1.1059	.25952

#1	5139.5	71827.	5438.1	87.825	3472.5
#2	5169.4	71679.	5398.9	89.209	3485.2

Sample Name: I4541-05 Acquired: 8/3/2017 15:30:44 Type: Unk
Method: P4-ICP2(v2124) 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	.29269	.01201	13.549	.10697	.03762	112.79	3.0471	.00574	.01671
Stddev	.00207	.00147	.038	.00093	.00028	.05	.0162	.00009	.00080
%RSD	.70781	12.234	.27699	.87111	.74513	.04121	.53295	1.4865	4.7973

#1	.29416	.01304	13.522	.10631	.03742	112.76	3.0585	.00580	.01614
#2	.29123	.01097	13.575	.10763	.03782	112.83	3.0356	.00568	.01727

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	103.86	.39747	.15300	1.2757	303.15	5.1259	46.016	.47906	.02912
Stddev	.44	.00092	.00085	.0086	5.33	.0177	.216	.00136	.00039
%RSD	.42207	.23085	.55714	.67628	1.7595	.34627	.46963	.28366	1.3253

#1	104.17	.39682	.15240	1.2696	306.93	5.1133	46.169	.47810	.02939
#2	103.55	.39812	.15360	1.2818	299.38	5.1384	45.863	.48002	.02885

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4452	.36145	4.7980	16.051	.02246	.02721	11.679	25.441	.26755
Stddev	.0085	.00062	.0667	.002	.00002	.01152	.049	.103	.00022
%RSD	.08986	.17163	1.3904	.01307	.09120	42.351	.42268	.40437	.08051

#1	9.4512	.36101	4.8452	16.049	.02247	.03536	11.644	25.514	.26740
#2	9.4392	.36189	4.7508	16.052	.02244	.01906	11.714	25.368	.26770

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.0146	.18394	5.743	.58458
Stddev	.0235	.00008	.036	.00401
%RSD	.58456	.04535	.6199	.68584

#1	4.0312	.18399	5.718	.58742
#2	3.9980	.18388	5.768	.58175

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5099.0	70420.	5262.6	91.043	3558.3
Stddev	11.5	16.	18.7	1.359	9.5
%RSD	.22494	.02302	.35459	1.4926	.26818

#1	5107.1	70432.	5249.4	90.083	3565.0
#2	5090.8	70409.	5275.8	92.004	3551.5

Sample Name: I4541-09 Acquired: 8/3/2017 15:34:51 Type: Unk
Method: P4-ICP2(v2124) 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	.20210	.01251	7.2786	.09795	.03008	114.99	3.2205	.00701	.01414
Stddev	.00053	.00051	.0303	.00171	.00051	1.11	.0072	.00000	.00029
%RSD	.26194	4.0941	.41696	1.7426	1.7108	.96837	.22237	.05640	2.0587

#1	.20247	.01287	7.2572	.09915	.03045	114.21	3.2155	.00701	.01393
#2	.20172	.01215	7.3001	.09674	.02972	115.78	3.2256	.00701	.01434

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	113.87	.38874	.14423	1.3306	286.73	5.2084	45.352	.45139	.02761
Stddev	.35	.00101	.00035	.0047	1.13	.0449	.187	.00063	.00017
%RSD	.31032	.26032	.24420	.35297	.39473	.86207	.41201	.13950	.61633

#1	113.62	.38802	.14398	1.3273	287.54	5.1767	45.220	.45095	.02773
#2	114.12	.38945	.14448	1.3339	285.93	5.2402	45.484	.45184	.02749

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	8.9410	.33081	5.5842	14.848	.01978	.04687	6.5319	26.962	.36435
Stddev	.0163	.00006	.0775	.025	.00047	.00174	.0198	.189	.00151
%RSD	.18246	.01690	1.3870	.17152	2.3965	3.7075	.30344	.70243	.41516

#1	8.9295	.33085	5.6390	14.830	.02011	.04809	6.5179	27.096	.36328
#2	8.9526	.33077	5.5294	14.866	.01944	.04564	6.5460	26.828	.36542

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	3.6698	.18669	5.964	.62387
Stddev	.0191	.00227	.026	.00172
%RSD	.51932	1.2172	.4349	.27649

#1	3.6563	.18509	5.946	.62265
#2	3.6833	.18830	5.982	.62509

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5199.4	71947.	5420.4	90.724	3559.2
Stddev	12.8	193.	34.7	1.260	13.1
%RSD	.24647	.26793	.64017	1.3886	.36905

#1	5208.5	72083.	5395.8	89.834	3568.5
#2	5190.4	71811.	5444.9	91.615	3549.9

Sample Name: CCV06 Acquired: 8/3/2017 15:43:44 Type: Unk
Method: P4-ICP2(v2124) 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	4.7552	4.8898	4.6853	4.8915	4.8319	10.417	9.8218	.25011	2.4231
Stddev	.0182	.0102	.0103	.0103	.0158	.088	.0789	.00129	.0008
%RSD	.38329	.20870	.21985	.21032	.32614	.84816	.80300	.51545	.03084

#1	4.7423	4.8970	4.6781	4.8842	4.8208	10.480	9.8776	.25102	2.4237
#2	4.7681	4.8826	4.6926	4.8988	4.8431	10.355	9.7660	.24919	2.4226

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.636	.99332	2.4196	1.2210	4.8183	2.5389	23.852	2.4529	1.2032
Stddev	.019	.00256	.0019	.0032	.0531	.0098	.132	.0045	.0023
%RSD	.07831	.25729	.07978	.25984	1.1015	.38771	.55198	.18525	.19242

#1	24.650	.99513	2.4209	1.2188	4.7808	2.5459	23.945	2.4562	1.2049
#2	24.623	.99152	2.4182	1.2232	4.8559	2.5319	23.759	2.4497	1.2016

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	24.315	2.4855	2.4525	25.078	4.8197	5.0664	4.9161	4.8586	4.8119
Stddev	.030	.0124	.0120	.063	.0127	.0268	.0113	.0162	.0028
%RSD	.12451	.50085	.48876	.25291	.26422	.52829	.22981	.33303	.05858

#1	24.337	2.4943	2.4440	25.033	4.8107	5.0474	4.9241	4.8471	4.8099
#2	24.294	2.4767	2.4610	25.123	4.8288	5.0853	4.9081	4.8700	4.8139

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8969	5.0139	5.161	4.8816
Stddev	.0119	.0071	.011	.0243
%RSD	.24335	.14144	.2079	.49774

#1	4.9053	5.0189	5.169	4.8988
#2	4.8885	5.0089	5.154	4.8645

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4626.3	62015.	4630.4	90.689	3676.9
Stddev	2.3	396.	6.5	.244	12.5
%RSD	.04879	.63901	.14085	.26851	.33941

#1	4624.7	61734.	4625.8	90.862	3668.1
#2	4627.9	62295.	4635.0	90.517	3685.8

Sample Name: CCB06 Acquired: 8/3/2017 15:47:51 Type: Unk

Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000

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

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.00020	.00112	-.00041	-.00192	.00521	.00092	-.00001
Stddev	.00164	.00044	.00049	.00039	.00005	.00124	.00042	.00011
%RSD	864.57	216.96	44.232	96.949	2.5040	23.796	45.838	1019.2

#1	-.00097	-.00011	.00147	-.00013	-.00195	.00434	.00122	-.00009
#2	.00135	.00051	.00077	-.00069	-.00188	.00609	.00062	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00002	.00012	.00011	.00157	.01356	.00042	.05003
Stddev	.00006	.00656	.00019	.00008	.00009	.00573	.00004	.00809
%RSD	73.324	43340.	154.55	75.708	5.5441	42.285	8.8524	16.163

#1	-.00011	.00463	-.00001	.00016	.00151	.01762	.00044	.05575
#2	-.00004	-.00466	.00026	.00005	.00163	.00951	.00039	.04432

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00063	-.00027	-.00375	-.00060	.00065	.06767	.00235	.00774
Stddev	.00010	.00070	.00682	.00010	.00014	.02530	.00063	.00406
%RSD	15.171	260.88	182.07	15.998	21.421	37.387	26.607	52.490

#1	-.00056	-.00076	-.00857	-.00053	.00074	.04978	.00280	.00486
#2	-.00069	.00023	.00108	-.00067	.00055	.08556	.00191	.01061

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00173	.00551	.00111	.00376	-.00225	.0005	-.00010	
Stddev	.00067	.00135	.00041	.00156	.00052	.0001	.00002	
%RSD	38.859	24.541	37.117	41.536	22.883	21.16	21.625	

#1	.00221	.00456	.00140	.00487	-.00262	.0004	-.00009	
#2	.00125	.00647	.00082	.00266	-.00189	.0006	-.00012	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4617.9	60632.	4541.3	90.679	3768.2			
Stddev	21.2	85.	2.0	2.047	15.3			
%RSD	.45914	.14091	.04295	2.2573	.40639			

#1	4602.9	60692.	4542.6	89.232	3757.3			
#2	4632.9	60571.	4539.9	92.127	3779.0			

Sample Name: I4541-13 Acquired: 8/3/2017 15:52:06 Type: Unk
Method: P4-ICP2(v2124) 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	.17913	.01227	4.1206	.10673	.03291	122.28	2.9570	.00862	.01490
Stddev	.00023	.00210	.0063	.00088	.00068	.42	.0012	.00011	.00006
%RSD	.12726	17.102	.15256	.82644	2.0741	.34437	.03964	1.3092	.38523

#1	.17897	.01376	4.1250	.10735	.03340	122.58	2.9579	.00870	.01486
#2	.17929	.01079	4.1162	.10610	.03243	121.98	2.9562	.00854	.01494

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	105.54	.46602	.13715	1.2279	301.22	5.0490	49.402	.49553	.02923
Stddev	.04	.00086	.00035	.0004	.60	.0024	.033	.00120	.00001
%RSD	.03701	.18530	.25424	.03466	.19975	.04645	.06758	.24126	.02488

#1	105.51	.46541	.13740	1.2282	301.64	5.0507	49.425	.49469	.02922
#2	105.56	.46664	.13690	1.2276	300.79	5.0474	49.378	.49638	.02923

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	8.1255	.31840	4.7035	16.448	.02671	.09359	6.7992	28.165	.40583
Stddev	.0162	.00108	.0008	.048	.00007	.00028	.0116	.061	.00061
%RSD	.19876	.34003	.01693	.29064	.25082	.30157	.17021	.21680	.15016

#1	8.1369	.31763	4.7040	16.414	.02676	.09379	6.7910	28.122	.40540
#2	8.1141	.31916	4.7029	16.481	.02666	.09339	6.8074	28.208	.40626

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	3.7947	.20897	5.497	.62619
Stddev	.0119	.00075	.006	.00025
%RSD	.31328	.35988	.1079	.03938

#1	3.7863	.20950	5.492	.62602
#2	3.8031	.20843	5.501	.62637

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5169.0	71399.	5372.5	90.078	3573.5
Stddev	17.3	265.	6.0	.161	8.5
%RSD	.33540	.37126	.11234	.17835	.23819

#1	5156.7	71211.	5368.3	89.964	3567.5
#2	5181.2	71586.	5376.8	90.192	3579.6

Sample Name: I4542-01 Acquired: 8/3/2017 15:56:12 Type: Unk
Method: P4-ICP2(v2124) 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	.12051	.00841	.36866	.05905	.00383	111.10	1.0040	.00824	.00313
Stddev	.00147	.00122	.00016	.00114	.00093	.53	.0002	.00015	.00018
%RSD	1.2160	14.484	.04464	1.9362	24.271	.47820	.02210	1.8716	5.6020

#1	.12154	.00755	.36854	.05824	.00318	110.73	1.0038	.00835	.00325
#2	.11947	.00928	.36878	.05986	.00449	111.48	1.0041	.00813	.00301

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	109.75	.28109	.08876	.20415	186.74	3.9585	79.351	.18953	.01453
Stddev	.28	.00151	.00013	.00122	1.29	.0327	.008	.00003	.00025
%RSD	.25403	.53742	.14739	.59939	.69061	.82527	.00959	.01699	1.7031

#1	109.56	.28002	.08867	.20501	185.83	3.9354	79.346	.18951	.01435
#2	109.95	.28216	.08886	.20328	187.65	3.9816	79.356	.18955	.01470

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	24.726	.39235	.94011	48.132	.05913	1.2043	14.001	25.679	.03351
Stddev	.028	.00065	.00402	.089	.00037	.0172	.022	.007	.00061
%RSD	.11327	.16577	.42791	.18571	.62326	1.4290	.16016	.02904	1.8311

#1	24.746	.39189	.93726	48.069	.05939	1.1921	14.017	25.674	.03394
#2	24.706	.39281	.94295	48.196	.05887	1.2165	13.985	25.684	.03308

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	8.9406	.31589	5.599	.42063
Stddev	.0054	.00224	.021	.00079
%RSD	.06017	.70828	.3758	.18751

#1	8.9368	.31431	5.614	.42007
#2	8.9444	.31748	5.584	.42119

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5262.7	73139.	5470.0	90.056	3563.5
Stddev	26.5	106.	14.1	.169	13.1
%RSD	.50328	.14496	.25784	.18734	.36797

#1	5243.9	73064.	5460.0	90.175	3554.2
#2	5281.4	73214.	5479.9	89.937	3572.8

Sample Name: I4539-01 Acquired: 8/3/2017 16:00:19 Type: Unk
Method: P4-ICP2(v2124) 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	.04044	.02215	.25746	.21739	.01038	170.39	.50299	.01065
Stddev	.00170	.00109	.00231	.00326	.00006	.49	.00036	.00023
%RSD	4.2101	4.9224	.89660	1.5003	.55796	.28998	.07207	2.1646

#1	.04165	.02138	.25909	.21970	.01042	170.04	.50273	.01049
#2	.03924	.02293	.25583	.21508	.01034	170.74	.50324	.01081

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00622	7.5665	.30868	.38002	.27969	580.79	3.6895	31.265
Stddev	.00037	.0448	.00102	.00113	.00111	7.12	.0109	.000
%RSD	5.9786	.59257	.33130	.29750	.39530	1.2267	.29505	.00009

#1	.00595	7.5348	.30795	.38082	.27891	585.82	3.6972	31.265
#2	.00648	7.5983	.30940	.37922	.28048	575.75	3.6818	31.265

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21686	.04554	1.7623	.50203	.51586	7.7378	.00177	-.06315
Stddev	.00066	.00139	.0005	.00007	.00477	.0131	.00021	.01456
%RSD	.30400	3.0423	.03022	.01296	.92402	.16942	12.088	23.047

#1	.21733	.04652	1.7619	.50198	.51923	7.7471	.00162	-.05286
#2	.21639	.04456	1.7627	.50208	.51249	7.7286	.00192	-.07345

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	2.2743	1.3008	.01437	2.6574	.16129	6.599	.04106	
Stddev	.0053	.0034	.00023	.0002	.00088	.009	.00022	
%RSD	.23330	.26112	1.5731	.00781	.54455	.1418	.53216	

#1	2.2780	1.3032	.01421	2.6576	.16191	6.606	.04090	
#2	2.2705	1.2984	.01453	2.6573	.16066	6.592	.04121	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5434.4	74271.	5595.9	90.986	3453.9			
Stddev	18.6	49.	14.2	1.129	10.9			
%RSD	.34235	.06566	.25373	1.2405	.31554			

#1	5421.2	74305.	5585.9	90.188	3446.2			
#2	5447.5	74236.	5606.0	91.784	3461.6			

Sample Name: I4539-05 Acquired: 8/3/2017 16:04:31 Type: Unk
Method: P4-ICP2(v2124) 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	.02766	.00825	.18739	.07436	.00284	101.10	.40721	.00456	.00100
Stddev	.00170	.00065	.00020	.00101	.00008	.58	.00049	.00012	.00010
%RSD	6.1438	7.8503	.10637	1.3624	2.8147	.56961	.11992	2.5468	9.7191

#1	.02886	.00871	.18753	.07364	.00279	101.51	.40686	.00448	.00093
#2	.02646	.00779	.18725	.07507	.00290	100.69	.40755	.00464	.00107

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.487	.18848	.11325	.20108	202.78	3.8883	30.422	.18293	.01640
Stddev	.001	.00089	.00044	.00110	.91	.0162	.277	.00065	.00001
%RSD	.00447	.47431	.39111	.54476	.44924	.41553	.91127	.35614	.07043

#1	12.487	.18785	.11356	.20030	203.42	3.8997	30.226	.18339	.01641
#2	12.488	.18911	.11293	.20185	202.14	3.8769	30.618	.18247	.01640

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	4.3915	.30339	.76114	7.4623	.00113	.01641	.36253	2.9823	.01096
Stddev	.0078	.00113	.00151	.0472	.00033	.00014	.00111	.0226	.00026
%RSD	.17798	.37240	.19837	.63223	29.214	.83970	.30484	.75869	2.3291

#1	4.3860	.30419	.76221	7.4289	.00090	.01650	.36331	2.9663	.01114
#2	4.3971	.30260	.76008	7.4956	.00137	.01631	.36175	2.9983	.01078

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	2.4753	.12097	2.709	.07938
Stddev	.0061	.00184	.003	.00000
%RSD	.24822	1.5201	.1070	.00536

#1	2.4709	.12227	2.711	.07938
#2	2.4796	.11967	2.707	.07937

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5564.5	75947.	5679.1	92.871	3736.8
Stddev	2.8	323.	35.1	.145	6.6
%RSD	.04982	.42560	.61822	.15604	.17557

#1	5562.5	75719.	5703.9	92.769	3732.2
#2	5566.5	76176.	5654.2	92.974	3741.4

Sample Name: I4546-01 Acquired: 8/3/2017 16:08:39 Type: Unk
Method: P4-ICP2(v2124) 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	.05356	.01171	.19235	.22752	.01025	213.38	1.7415	.01397	.01050
Stddev	.00093	.00115	.00049	.00004	.00095	.58	.0033	.00011	.00029
%RSD	1.7429	9.8503	.25223	.01794	9.2892	.27018	.18990	.77965	2.7327

#1	.05422	.01252	.19200	.22755	.00958	212.97	1.7439	.01389	.01030
#2	.05290	.01089	.19269	.22749	.01092	213.79	1.7392	.01404	.01070

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.322	.56151	.40010	.27321	582.47	3.8264	76.434	.49038	.05047
Stddev	.014	.00177	.00090	.00009	2.43	.0163	.309	.00056	.00024
%RSD	.04065	.31452	.22471	.03172	.41722	.42633	.40482	.11479	.47909

#1	33.331	.56026	.39947	.27327	584.19	3.8148	76.216	.48998	.05064
#2	33.312	.56276	.40074	.27315	580.76	3.8379	76.653	.49078	.05030

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	.98525	.94866	.90646	20.465	.00073	.11101	.77916	2.3193	.03595
Stddev	.00196	.00213	.00270	.002	.00017	.00261	.00209	.0016	.00029
%RSD	.19941	.22504	.29813	.00944	23.209	2.3483	.26854	.06830	.81362

#1	.98664	.94715	.90837	20.467	.00061	.10917	.77768	2.3205	.03616
#2	.98386	.95016	.90455	20.464	.00085	.11286	.78064	2.3182	.03575

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	9.6425	.11032	17.58	.16184
Stddev	.0109	.00101	.03	.00005
%RSD	.11299	.91725	.1924	.02801

#1	9.6348	.10960	17.56	.16188
#2	9.6502	.11104	17.61	.16181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6882.3	95129.	7157.3	88.724	3344.6
Stddev	19.5	291.	4.7	.372	1.2
%RSD	.28381	.30546	.06589	.41980	.03611

#1	6868.5	95334.	7154.0	88.461	3343.8
#2	6896.1	94923.	7160.6	88.988	3345.5

Sample Name: I4558-02 Acquired: 8/3/2017 16:12:54 Type: Unk
Method: P4-ICP2(v2124) 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	.03728	.00830	.90616	.07444	.00322	54.578	.73012	.00343
Stddev	.00152	.00018	.00433	.00043	.00052	.044	.00147	.00008
%RSD	4.0646	2.1115	.47801	.57379	16.202	.08027	.20149	2.3520

#1	.03621	.00843	.90309	.07475	.00285	54.609	.72908	.00338
#2	.03835	.00818	.90922	.07414	.00359	54.547	.73116	.00349

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00190	41.687	.19242	.08097	.34222	209.13	2.9386	32.435
Stddev	.00007	.093	.00013	.00016	.00083	.29	.0185	.236
%RSD	3.4244	.22402	.06848	.19317	.24253	.13913	.62863	.72639

#1	.00186	41.621	.19252	.08086	.34164	208.92	2.9517	32.268
#2	.00195	41.753	.19233	.08108	.34281	209.33	2.9255	32.601

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34781	.01687	1.0982	.22129	1.3594	8.9022	.01049	-.02675
Stddev	.00067	.00024	.0028	.00093	.0022	.0005	.00015	.00209
%RSD	.19279	1.4324	.25755	.41802	.15946	.00577	1.4152	7.8242

#1	.34733	.01670	1.0962	.22194	1.3610	8.9018	.01039	-.02824
#2	.34828	.01704	1.1002	.22064	1.3579	8.9026	.01060	-.02527

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.81714	3.9943	.06707	2.1339	.08497	3.871	.12193	
Stddev	.00351	.0285	.00075	.0012	.00014	.019	.00062	
%RSD	.42987	.71461	1.1129	.05591	.16534	.4841	.50467	

#1	.81466	3.9741	.06760	2.1348	.08487	3.858	.12149	
#2	.81962	4.0145	.06654	2.1331	.08507	3.884	.12236	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5143.9	70235.	5229.9	91.009	3719.0			
Stddev	1.8	197.	10.6	.107	11.3			
%RSD	.03443	.28007	.20255	.11757	.30365			

#1	5145.1	70096.	5237.4	90.933	3727.0			
#2	5142.6	70374.	5222.4	91.085	3711.0			

Sample Name: I4558-04 Acquired: 8/3/2017 16:16:59 Type: Unk
Method: P4-ICP2(v2124) 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	.03942	.00829	.94284	.06956	.00389	67.172	.79281	.00352
Stddev	.00082	.00067	.00004	.00017	.00110	.377	.00098	.00003
%RSD	2.0785	8.0308	.00384	.24669	28.364	.56183	.12303	.90072

#1	.04000	.00876	.94287	.06968	.00467	67.439	.79350	.00350
#2	.03884	.00782	.94282	.06944	.00311	66.905	.79212	.00354

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00316	61.651	.20408	.08558	.33442	207.06	2.9322	53.373
Stddev	.00008	.047	.00021	.00029	.00095	.30	.0214	.128
%RSD	2.6668	.07694	.10228	.33734	.28320	.14423	.73058	.23996

#1	.00321	61.684	.20423	.08578	.33509	207.27	2.9473	53.463
#2	.00310	61.617	.20393	.08538	.33375	206.84	2.9170	53.282

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44397	.01688	1.3777	.25074	1.0046	11.622	.00568	-.04009
Stddev	.00126	.00038	.0029	.00099	.0012	.030	.00004	.00212
%RSD	.28312	2.2500	.20675	.39505	.11865	.26106	.76507	5.2834

#1	.44486	.01661	1.3757	.25144	1.0054	11.643	.00565	-.03859
#2	.44308	.01715	1.3798	.25003	1.0037	11.601	.00572	-.04158

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	1.3103	2.3013	.10539	2.7935	.09536	4.513	.16514	
Stddev	.0007	.0058	.00081	.0042	.00188	.003	.00093	
%RSD	.05670	.25277	.77158	.15127	1.9723	.0740	.56127	

#1	1.3108	2.2972	.10481	2.7965	.09669	4.516	.16579	
#2	1.3097	2.3054	.10596	2.7905	.09403	4.511	.16448	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5101.7	70058.	5263.1	92.560	3647.4			
Stddev	21.4	470.	21.3	.232	11.4			
%RSD	.41928	.67121	.40512	.25112	.31127			

#1	5086.6	69725.	5248.0	92.396	3639.3			
#2	5116.8	70390.	5278.1	92.725	3655.4			

Sample Name: I4560-02 Acquired: 8/3/2017 16:21:07 Type: Unk
Method: P4-ICP2(v2124) 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	.07723	.01468	1.3976	.08711	.00812	90.506	.85405	.00421
Stddev	.00011	.00140	.0013	.00114	.00091	.130	.00251	.00002
%RSD	.14799	9.5424	.09218	1.3058	11.212	.14361	.29448	.59158

#1	.07731	.01369	1.3967	.08792	.00748	90.415	.85582	.00423
#2	.07715	.01567	1.3985	.08631	.00876	90.598	.85227	.00419

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00812	218.44	.22581	.11099	1.0011	298.16	4.5093	69.022
Stddev	.00021	.40	.00029	.00003	.0019	.87	.0188	.015
%RSD	2.5359	.18172	.12689	.02750	.18740	.29094	.41807	.02197

#1	.00797	218.72	.22601	.11097	.99981	298.78	4.4960	69.012
#2	.00826	218.16	.22561	.11101	1.0025	297.55	4.5226	69.033

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30232	.02448	3.5901	.40281	1.7338	17.835	.00999	-.02528
Stddev	.00105	.00011	.0017	.00086	.0088	.043	.00001	.00725
%RSD	.34888	.43171	.04649	.21389	.50878	.24300	.10396	28.662

#1	.30158	.02441	3.5889	.40342	1.7400	17.865	.00998	-.02016
#2	.30307	.02455	3.5912	.40221	1.7275	17.804	.01000	-.03040

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	9.4229	4.9058	.08220	4.0795	.11597	6.278	.59790	
Stddev	.0099	.0029	.00022	.0157	.00051	.014	.00221	
%RSD	.10498	.05807	.27130	.38428	.43954	.2195	.37037	

#1	9.4159	4.9078	.08204	4.0906	.11633	6.268	.59947	
#2	9.4299	4.9038	.08235	4.0684	.11561	6.288	.59634	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5087.9	71120.	5397.6	89.539	3497.1			
Stddev	8.0	172.	22.5	.437	8.1			
%RSD	.15776	.24150	.41733	.48767	.23076			

#1	5093.6	70998.	5381.7	89.230	3502.8			
#2	5082.3	71241.	5413.5	89.848	3491.4			

Sample Name: I4560-04 Acquired: 8/3/2017 16:25:14 Type: Unk
Method: P4-ICP2(v2124) 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	.06840	.01459	1.4334	.06720	.00852	109.54	1.0032	.00475	.01116
Stddev	.00205	.00166	.0022	.00286	.00012	.91	.0033	.00002	.00068
%RSD	2.9970	11.347	.15720	4.2598	1.4058	.83416	.33248	.38243	6.0534

#1	.06695	.01342	1.4350	.06517	.00860	110.19	1.0055	.00474	.01164
#2	.06985	.01576	1.4318	.06922	.00843	108.90	1.0008	.00476	.01068

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	477.00	.24466	.14679	1.3571	324.62	4.8063	216.20	.29638	.02675
Stddev	1.08	.00111	.00039	.0045	6.03	.0224	.25	.00037	.00102
%RSD	.22557	.45444	.26645	.33121	1.8561	.46623	.11380	.12436	3.8059

#1	477.76	.24544	.14707	1.3603	320.36	4.8222	216.02	.29664	.02603
#2	476.24	.24387	.14651	1.3539	328.88	4.7905	216.37	.29612	.02747

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	3.4316	.40242	4.3693	20.745	.01398	.03673	10.412	6.7364	.28153
Stddev	.0119	.00111	.0828	.073	.00001	.01279	.022	.0133	.00216
%RSD	.34561	.27561	1.8959	.35071	.10412	34.826	.21051	.19752	.76657

#1	3.4400	.40163	4.3107	20.797	.01399	.02769	10.428	6.7270	.28306
#2	3.4232	.40320	4.4278	20.694	.01397	.04578	10.397	6.7458	.28000

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	5.1707	.15178	8.235	.67502
Stddev	.0079	.00181	.006	.00350
%RSD	.15253	1.1930	.0720	.51832

#1	5.1763	.15306	8.240	.67749
#2	5.1651	.15050	8.231	.67254

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5000.2	71306.	5408.3	85.709	3233.3
Stddev	9.8	217.	6.4	1.557	7.3
%RSD	.19675	.30472	.11793	1.8165	.22485

#1	4993.2	71152.	5403.8	86.810	3228.2
#2	5007.1	71459.	5412.9	84.609	3238.4

Sample Name: I4562-01 Acquired: 8/3/2017 16:29:21 Type: Unk
Method: P4-ICP2(v2124) 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	.05651	.01314	1.3749	.08860	.00698	144.70	1.1429	.00720
Stddev	.00198	.00012	.0003	.00117	.00090	.47	.0038	.00009
%RSD	3.5121	.92446	.01914	1.3219	12.883	.32740	.33378	1.2972

#1	.05511	.01322	1.3747	.08777	.00635	144.36	1.1402	.00714
#2	.05792	.01305	1.3751	.08943	.00762	145.03	1.1456	.00727

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00596	89.612	.24523	.14657	.44979	270.65	5.8419	61.187
Stddev	.00031	.318	.00219	.00010	.00186	4.05	.0062	.352
%RSD	5.1555	.35460	.89216	.06732	.41424	1.4966	.10688	.57479

#1	.00617	89.387	.24368	.14664	.45111	267.78	5.8375	60.939
#2	.00574	89.837	.24678	.14650	.44847	273.51	5.8463	61.436

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28183	.02208	16.945	.46650	1.7604	27.689	.00610	-.01860
Stddev	.00000	.00041	.005	.00235	.0211	.014	.00007	.00563
%RSD	.00063	1.8675	.03088	.50406	1.2014	.04998	1.1271	30.259

#1	.28183	.02179	16.949	.46483	1.7455	27.679	.00615	-.01462
#2	.28182	.02237	16.942	.46816	1.7754	27.698	.00605	-.02258

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	7.5783	3.7609	.05159	6.3281	.19516	7.327	.39535	
Stddev	.0041	.0138	.00067	.0211	.00011	.021	.00063	
%RSD	.05419	.36592	1.3042	.33287	.05603	.2870	.15871	

#1	7.5812	3.7511	.05111	6.3132	.19508	7.312	.39491	
#2	7.5754	3.7706	.05206	6.3430	.19524	7.342	.39580	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5405.1	74250.	5668.1	92.604	3546.9			
Stddev	5.1	41.	11.5	1.109	4.2			
%RSD	.09411	.05585	.20316	1.1970	.11730			

#1	5408.7	74279.	5660.0	93.388	3549.8			
#2	5401.5	74221.	5676.3	91.820	3544.0			

Sample Name: CCV07 Acquired: 8/3/2017 16:33:33 Type: Unk
Method: P4-ICP2(v2124) 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	4.7347	4.8792	4.6367	4.8907	4.8090	10.383	9.8322	.25138	2.4094
Stddev	.0126	.0188	.0064	.0127	.0052	.229	.0478	.00718	.0067
%RSD	.26627	.38622	.13869	.26032	.10821	2.2063	.48584	2.8543	.27994

#1	4.7436	4.8925	4.6412	4.8997	4.8127	10.545	9.7984	.25646	2.4142
#2	4.7258	4.8658	4.6321	4.8817	4.8053	10.221	9.8660	.24631	2.4046

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.341	.99556	2.4118	1.2142	4.8295	2.5486	23.495	2.4453	1.2075
Stddev	.006	.02737	.0083	.0031	.0245	.0691	.050	.0051	.0272
%RSD	.02476	2.7487	.34399	.25139	.50715	2.7116	.21464	.20910	2.2555

#1	24.345	1.0149	2.4177	1.2163	4.8468	2.5975	23.530	2.4489	1.2268
#2	24.337	.97621	2.4060	1.2120	4.8121	2.4997	23.459	2.4417	1.1883

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	24.241	2.4944	2.4667	24.873	4.7845	4.9917	4.9099	4.8803	4.7616
Stddev	.139	.0711	.0304	.084	.0091	.0048	.0141	.0175	.0177
%RSD	.57261	2.8506	1.2309	.33688	.19094	.09636	.28737	.35756	.37141

#1	24.339	2.5447	2.4882	24.932	4.7910	4.9951	4.9199	4.8926	4.7741
#2	24.143	2.4441	2.4452	24.814	4.7781	4.9883	4.8999	4.8679	4.7491

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8551	4.9751	5.162	4.9107
Stddev	.0037	.0297	.011	.0871
%RSD	.07702	.59743	.2178	1.7735

#1	4.8577	4.9961	5.170	4.9723
#2	4.8524	4.9541	5.154	4.8491

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4636.0	62155.	4665.2	89.917	3682.2
Stddev	22.7	1621.	35.8	1.357	21.7
%RSD	.48998	2.6086	.76671	1.5087	.58821

#1	4619.9	61009.	4639.9	88.958	3666.8
#2	4652.0	63302.	4690.5	90.877	3697.5

Sample Name: CCB07 Acquired: 8/3/2017 16:37:39 Type: Unk

Method: P4-ICP2(v2124) 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	.00031	-.00010	.00056	-.00005	-.00112	-.00333	.00042	.00001
Stddev	.00053	.00016	.00002	.00152	.00059	.00452	.00022	.00004
%RSD	174.03	161.60	3.9005	2894.4	52.959	135.48	52.379	639.11

#1	.00068	.00001	.00058	-.00113	-.00070	-.00014	.00057	-.00002
#2	-.00007	-.00021	.00055	.00102	-.00154	-.00653	.00026	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.00381	-.00027	.00014	.00130	.02021	.00074	.06079
Stddev	.00003	.00015	.00029	.00012	.00027	.00616	.00002	.03793
%RSD	21.258	3.9036	106.67	85.378	20.868	30.500	2.3790	62.385

#1	-.00012	.00391	-.00007	.00006	.00149	.01585	.00075	.08761
#2	-.00016	.00370	-.00047	.00023	.00111	.02457	.00072	.03397

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00036	-.02214	-.00063	.00034	.05495	.00237	.00420
Stddev	.00014	.00014	.00083	.00001	.00004	.01925	.00062	.00179
%RSD	568.12	37.924	3.7283	2.2629	13.176	35.035	26.314	42.680

#1	.00007	.00046	-.02156	-.00062	.00037	.04134	.00281	.00293
#2	-.00012	.00026	-.02272	-.00064	.00031	.06856	.00193	.00547

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00364	.00595	.00090	.00223	-.00395	.0000	-.00005	
Stddev	.00013	.00216	.00052	.00052	.00006	.0009	.00014	
%RSD	3.5485	36.245	58.144	23.453	1.5616	1981.	271.39	

#1	.00355	.00443	.00053	.00260	-.00391	.0007	.00005	
#2	.00373	.00748	.00127	.00186	-.00400	-.0006	-.00016	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4715.8	62674.	4638.9	93.361	3831.3			
Stddev	6.7	224.	30.7	1.516	12.6			
%RSD	.14107	.35731	.66180	1.6238	.32923			

#1	4711.1	62832.	4617.2	94.433	3822.3			
#2	4720.5	62516.	4660.6	92.289	3840.2			

Sample Name: I4562-04 Acquired: 8/3/2017 16:41:53 Type: Unk
Method: P4-ICP2(v2124) 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	.06092	.01662	1.3831	.12879	.00806	149.74	1.3057	.00590	.00692
Stddev	.00032	.00036	.0008	.00296	.00016	.24	.0024	.00012	.00052
%RSD	.52126	2.1769	.06050	2.2955	2.0426	.16137	.18507	2.1132	7.4876

#1	.06070	.01687	1.3825	.13088	.00817	149.91	1.3074	.00582	.00656
#2	.06115	.01636	1.3837	.12670	.00794	149.57	1.3040	.00599	.00729

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	81.528	.35342	.19449	.75504	364.54	4.9412	72.406	.41027	.03046
Stddev	.099	.00186	.00053	.00122	3.80	.0434	.018	.00102	.00087
%RSD	.12148	.52746	.27150	.16193	1.0431	.87893	.02469	.24933	2.8620

#1	81.458	.35210	.19412	.75418	367.23	4.9105	72.393	.40955	.03108
#2	81.598	.35473	.19486	.75591	361.85	4.9719	72.419	.41100	.02985

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	8.0972	.57513	1.7769	47.725	.00880	.01027	35.370	3.8799	.05015
Stddev	.0063	.00289	.0118	.133	.00046	.00005	.060	.0116	.00092
%RSD	.07843	.50220	.66472	.27869	5.2354	.47557	.16897	.29973	1.8322

#1	8.1017	.57309	1.7853	47.819	.00847	.01024	35.327	3.8717	.05080
#2	8.0927	.57717	1.7686	47.631	.00912	.01031	35.412	3.8881	.04950

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	9.7789	.20812	9.254	.34395
Stddev	.0002	.00152	.018	.00051
%RSD	.00227	.73184	.1946	.14805

#1	9.7790	.20920	9.241	.34431
#2	9.7787	.20704	9.267	.34359

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5520.9	76360.	5769.6	89.746	3479.8
Stddev	9.1	295.	8.6	.652	2.7
%RSD	.16494	.38572	.14907	.72658	.07714

#1	5514.5	76568.	5775.7	89.285	3481.7
#2	5527.3	76152.	5763.5	90.207	3477.9

Sample Name: I4562-07 Acquired: 8/3/2017 16:45:58 Type: Unk
Method: P4-ICP2(v2124) 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	.03551	.00646	2.2913	.04136	.00162	72.670	.77320	.00341
Stddev	.00043	.00175	.0066	.00041	.00134	.165	.00031	.00009
%RSD	1.1998	27.149	.28762	.99950	82.554	.22732	.04051	2.4939

#1	.03521	.00770	2.2959	.04165	.00257	72.787	.77298	.00335
#2	.03581	.00522	2.2866	.04107	.00068	72.554	.77343	.00347

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	95.377	.15427	.06340	.31106	141.10	3.5575	43.855
Stddev	.00045	.158	.00033	.00032	.00022	3.27	.0025	.340
%RSD	28.338	.16602	.21467	.50278	.07224	2.3152	.07112	.77629

#1	.00127	95.489	.15450	.06362	.31090	143.41	3.5557	43.614
#2	.00190	95.265	.15403	.06317	.31122	138.79	3.5593	44.096

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14931	.01147	5.6518	.28225	.87824	12.000	.00616	-.00136
Stddev	.00012	.00025	.0110	.00107	.01851	.017	.00049	.00507
%RSD	.08071	2.1374	.19541	.38066	2.1071	.14040	7.9516	373.42

#1	.14922	.01165	5.6596	.28301	.89133	12.012	.00650	.00223
#2	.14939	.01130	5.6440	.28149	.86516	11.988	.00581	-.00494

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	3.9654	5.0502	.04432	3.1358	.08991	3.759	.28610	
Stddev	.0076	.0375	.00165	.0099	.00208	.010	.00012	
%RSD	.19110	.74342	3.7217	.31590	2.3133	.2554	.04317	

#1	3.9708	5.0237	.04315	3.1428	.09139	3.766	.28619	
#2	3.9600	5.0768	.04548	3.1288	.08844	3.753	.28601	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5066.7	70493.	5285.4	92.965	3707.1			
Stddev	12.4	151.	13.0	2.053	11.8			
%RSD	.24525	.21411	.24533	2.2081	.31766			

#1	5057.9	70386.	5294.6	91.514	3698.8			
#2	5075.5	70600.	5276.2	94.417	3715.4			

Sample Name: I4562-10 Acquired: 8/3/2017 16:50:05 Type: Unk
Method: P4-ICP2(v2124) 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	.05470	.01026	1.0469	.07868	.00373	115.49	1.0448	.00616	.00467
Stddev	.00124	.00063	.0003	.00165	.00084	.15	.0097	.00003	.00024
%RSD	2.2581	6.1649	.02714	2.1014	22.531	.13107	.92771	.50014	5.1218

#1	.05383	.00982	1.0471	.07985	.00313	115.60	1.0517	.00614	.00450
#2	.05558	.01071	1.0467	.07751	.00432	115.38	1.0380	.00618	.00484

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	87.417	.21395	.11557	.41324	239.29	4.6988	52.007	.23818	.01954
Stddev	.868	.00052	.00016	.00026	.54	.0113	.501	.00001	.00015
%RSD	.99325	.24515	.13840	.06368	.22448	.24087	.96425	.00385	.76881

#1	88.031	.21358	.11568	.41343	239.67	4.6908	52.362	.23817	.01944
#2	86.803	.21432	.11545	.41305	238.91	4.7068	51.653	.23819	.01965

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	14.575	.43885	1.5591	25.644	.00508	.02729	8.2982	3.4327	.04082
Stddev	.131	.00071	.0028	.185	.00009	.00405	.0059	.0349	.00016
%RSD	.89923	.16104	.17729	.72211	1.7051	14.855	.07062	1.0172	.39374

#1	14.668	.43835	1.5572	25.775	.00515	.03015	8.3024	3.4573	.04071
#2	14.483	.43935	1.5611	25.513	.00502	.02442	8.2941	3.4080	.04094

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.9075	.17893	6.566	.33980
Stddev	.0460	.00158	.013	.00151
%RSD	.93648	.88026	.1995	.44358

#1	4.9400	.18004	6.575	.34087
#2	4.8750	.17782	6.557	.33874

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5438.4	75396.	5685.8	91.014	3602.6
Stddev	14.7	106.	38.7	.012	9.9
%RSD	.27030	.14115	.68050	.01356	.27546

#1	5428.0	75471.	5658.4	91.023	3595.6
#2	5448.8	75320.	5713.1	91.005	3609.6

Sample Name: I4562-13 Acquired: 8/3/2017 16:54:12 Type: Unk
Method: P4-ICP2(v2124) 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	.07622	.01206	3.8704	.08102	.00680	115.33	1.3405	.00575	.00597
Stddev	.00075	.00153	.0144	.00207	.00004	.15	.0020	.00002	.00064
%RSD	.98115	12.669	.37179	2.5593	.66090	.13313	.14999	.38370	10.697

#1	.07675	.01315	3.8806	.07955	.00683	115.44	1.3391	.00573	.00642
#2	.07569	.01098	3.8602	.08248	.00677	115.23	1.3420	.00576	.00552

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	145.40	.24262	.13043	.56974	256.14	4.3496	56.738	.29339	.02291
Stddev	.14	.00044	.00016	.00453	5.57	.0025	.115	.00020	.00093
%RSD	.09638	.18257	.12178	.79538	2.1740	.05718	.20315	.06685	4.0582

#1	145.30	.24293	.13054	.57294	252.21	4.3479	56.656	.29353	.02226
#2	145.49	.24230	.13032	.56654	260.08	4.3514	56.819	.29325	.02357

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	10.705	.39262	1.7806	33.690	.01181	.08723	8.2148	4.8861	.25534
Stddev	.026	.00061	.0467	.037	.00000	.01420	.0104	.0337	.00054
%RSD	.24139	.15435	2.6234	.10999	.04183	16.274	.12721	.68970	.21278

#1	10.687	.39219	1.7476	33.664	.01181	.07719	8.2222	4.8622	.25495
#2	10.724	.39304	1.8137	33.716	.01181	.09727	8.2074	4.9099	.25572

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	6.1123	.19001	8.689	.63625
Stddev	.0207	.00053	.024	.00030
%RSD	.33809	.28058	.2732	.04770

#1	6.0977	.18963	8.706	.63603
#2	6.1269	.19039	8.672	.63646

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5456.5	75686.	5743.5	91.480	3540.3
Stddev	25.7	6.	14.3	2.147	17.0
%RSD	.47170	.00730	.24935	2.3473	.47991

#1	5438.3	75690.	5753.6	92.999	3528.3
#2	5474.7	75682.	5733.4	89.962	3552.3

Sample Name: I4562-16 Acquired: 8/3/2017 16:58:19 Type: Unk
Method: P4-ICP2(v2124) 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	.03473	.00836	.64032	.06802	.00082	97.112	.81632	.00418	.00127
Stddev	.00073	.00082	.00206	.00039	.00088	.250	.00340	.00002	.00001
%RSD	2.1106	9.7984	.32220	.57430	106.17	.25697	.41627	.59527	.41733

#1	.03421	.00894	.64178	.06774	.00144	97.288	.81392	.00420	.00127
#2	.03525	.00778	.63886	.06829	.00021	96.935	.81873	.00417	.00126

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.766	.15885	.09593	.30437	195.27	3.1361	40.178	.19250	.01590
Stddev	.044	.00075	.00055	.00067	.31	.0040	.065	.00013	.00000
%RSD	.09278	.47367	.57296	.21917	.15647	.12657	.16079	.07007	.03004

#1	47.735	.15938	.09554	.30390	195.06	3.1333	40.223	.19259	.01590
#2	47.798	.15831	.09631	.30484	195.49	3.1389	40.132	.19240	.01589

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	10.522	.29904	.86549	19.930	.00490	.04178	4.4598	4.7558	.03054
Stddev	.011	.00092	.00239	.014	.00001	.00440	.0013	.0328	.00039
%RSD	.10597	.30780	.27670	.06929	.20113	10.540	.02835	.68883	1.2916

#1	10.514	.29969	.86379	19.920	.00491	.03867	4.4589	4.7326	.03082
#2	10.530	.29839	.86718	19.940	.00490	.04490	4.4607	4.7789	.03026

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	3.9578	.13626	4.722	.20303
Stddev	.0030	.00134	.007	.00011
%RSD	.07634	.98435	.1518	.05370

#1	3.9599	.13531	4.717	.20310
#2	3.9556	.13721	4.728	.20295

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5204.3	71605.	5341.2	90.325	3692.4
Stddev	8.2	121.	10.2	.133	2.8
%RSD	.15713	.16901	.19043	.14762	.07516

#1	5198.5	71520.	5348.3	90.420	3690.4
#2	5210.0	71691.	5334.0	90.231	3694.4

Sample Name: I4562-19 Acquired: 8/3/2017 17:02:27 Type: Unk
Method: P4-ICP2(v2124) 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	.04470	.01050	.87797	.07555	.00191	117.77	.99514	.00560
Stddev	.00153	.00029	.00056	.00435	.00161	.10	.00101	.00003
%RSD	3.4302	2.7967	.06389	5.7631	84.468	.08151	.10191	.54923

#1	.04579	.01071	.87757	.07862	.00304	117.71	.99442	.00562
#2	.04362	.01029	.87837	.07247	.00077	117.84	.99586	.00557

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00308	97.857	.20999	.11263	.38689	227.48	4.0736	49.201
Stddev	.00024	.407	.00062	.00003	.00066	2.25	.0250	.156
%RSD	7.8345	.41550	.29749	.02998	.17032	.98815	.61374	.31657

#1	.00291	97.570	.20955	.11266	.38642	229.07	4.0559	49.090
#2	.00325	98.145	.21043	.11261	.38735	225.89	4.0912	49.311

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23609	.01889	13.880	.38785	1.2589	25.361	.00535	-.00083
Stddev	.00034	.00039	.014	.00177	.0132	.080	.00022	.01087
%RSD	.14396	2.0403	.09989	.45563	1.0466	.31706	4.0948	1310.0

#1	.23585	.01917	13.889	.38910	1.2682	25.304	.00551	.00685
#2	.23633	.01862	13.870	.38660	1.2496	25.418	.00520	-.00851

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	8.2258	9.1005	.04667	5.6917	.16971	5.615	.41278	
Stddev	.0008	.0370	.00021	.0290	.00122	.001	.00182	
%RSD	.01025	.40657	.44053	.50970	.71944	.0229	.44018	

#1	8.2252	9.0744	.04681	5.6712	.16885	5.616	.41150	
#2	8.2264	9.1267	.04652	5.7122	.17057	5.614	.41406	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5303.1	73302.	5505.4	89.216	3629.3			
Stddev	6.1	50.	15.4	.945	2.4			
%RSD	.11501	.06829	.27901	1.0595	.06639			

#1	5298.8	73267.	5516.2	88.548	3627.6			
#2	5307.4	73337.	5494.5	89.885	3631.0			

Sample Name: I4562-22 Acquired: 8/3/2017 17:06:34 Type: Unk
Method: P4-ICP2(v2124) 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	.05884	.01281	2.0897	.10216	.00420	116.67	.94697	.00537	.00578
Stddev	.00152	.00159	.0021	.00454	.00178	.04	.00970	.00011	.00117
%RSD	2.5882	12.422	.10229	4.4454	42.375	.03548	1.0242	2.0431	20.243

#1	.05777	.01169	2.0882	.09895	.00546	116.70	.94011	.00545	.00661
#2	.05992	.01394	2.0912	.10537	.00294	116.64	.95383	.00529	.00496

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	141.23	.16167	.14754	.51609	314.54	4.8546	66.473	.28758	.02674
Stddev	1.76	.00117	.00042	.00618	10.89	.0262	.823	.00009	.00125
%RSD	1.2445	.72199	.28447	1.1970	3.4622	.54047	1.2377	.03085	4.6572

#1	139.98	.16084	.14783	.52046	306.84	4.8360	65.892	.28764	.02586
#2	142.47	.16249	.14724	.51172	322.24	4.8731	67.055	.28752	.02762

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	15.685	.42800	1.5197	16.058	.00311	.32445	4.4418	6.5908	.11896
Stddev	.182	.00106	.0532	.121	.00020	.00114	.0077	.1066	.00029
%RSD	1.1588	.24865	3.5033	.75172	6.5161	.35081	.17303	1.6177	.24238

#1	15.557	.42725	1.4821	15.973	.00297	.32364	4.4473	6.5154	.11876
#2	15.814	.42875	1.5574	16.144	.00326	.32525	4.4364	6.6661	.11917

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.4408	.16548	9.983	.54034
Stddev	.0440	.00235	.012	.00639
%RSD	.99144	1.4230	.1195	1.1819

#1	4.4097	.16382	9.991	.53583
#2	4.4720	.16715	9.975	.54486

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5575.6	77512.	5831.4	90.013	3513.0
Stddev	4.7	167.	71.5	3.116	3.3
%RSD	.08497	.21570	1.2257	3.4619	.09384

#1	5572.3	77631.	5881.9	92.217	3510.6
#2	5579.0	77394.	5780.8	87.810	3515.3

Sample Name: I4562-22DUP Acquired: 8/3/2017 17:10:46 Type: Unk
Method: P4-ICP2(v2124) 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	.05908	.01367	2.0957	.10565	.00421	117.60	.94268	.00536	.00511
Stddev	.00180	.00031	.0037	.00005	.00082	.14	.00120	.00013	.00000
%RSD	3.0500	2.2392	.17410	.04329	19.415	.11680	.12710	2.4501	.06165

#1	.06035	.01345	2.0983	.10568	.00479	117.70	.94353	.00527	.00511
#2	.05780	.01388	2.0931	.10562	.00363	117.50	.94184	.00546	.00511

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	140.41	.16102	.14761	.51400	320.91	4.8685	66.376	.28728	.02805
Stddev	.38	.00029	.00026	.00108	2.02	.0034	.063	.00098	.00063
%RSD	.27416	.17708	.17767	.20940	.62921	.06954	.09532	.34035	2.2407

#1	140.68	.16082	.14742	.51476	322.34	4.8709	66.421	.28658	.02849
#2	140.14	.16122	.14780	.51324	319.48	4.8661	66.332	.28797	.02760

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	15.624	.42755	1.5412	15.994	.00309	.33716	4.4356	6.5302	.11958
Stddev	.024	.00145	.0156	.007	.00013	.00310	.0029	.0090	.00071
%RSD	.15103	.33942	1.0138	.04306	4.2124	.92077	.06558	.13750	.59372

#1	15.641	.42652	1.5523	15.999	.00300	.33496	4.4335	6.5365	.12008
#2	15.607	.42857	1.5302	15.990	.00318	.33935	4.4376	6.5239	.11907

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.4362	.16483	9.994	.53873
Stddev	.0114	.00006	.004	.00029
%RSD	.25662	.03571	.0396	.05465

#1	4.4443	.16479	9.996	.53894
#2	4.4282	.16487	9.991	.53852

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5568.1	77169.	5886.2	88.746	3512.1
Stddev	18.7	246.	44.1	1.006	9.9
%RSD	.33540	.31863	.74915	1.1331	.28094

#1	5554.9	76996.	5855.0	88.035	3505.2
#2	5581.3	77343.	5917.3	89.457	3519.1

Sample Name: I4562-22LX5 Acquired: 8/3/2017 17:14:57 Type: Unk
Method: P4-ICP2(v2124) 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	.01284	.00313	.42194	.01978	-.00098	27.470	.22600	.00145
Stddev	.00029	.00034	.00139	.00331	.00088	.209	.00279	.00001
%RSD	2.2397	10.786	.32997	16.716	89.397	.76171	1.2346	.74505

#1	.01304	.00289	.42292	.02212	-.00036	27.322	.22798	.00144
#2	.01263	.00336	.42095	.01745	-.00161	27.618	.22403	.00146

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	34.365	.03963	.02886	.13624	63.671	1.2309	16.218
Stddev	.00021	.088	.00064	.00001	.00070	2.621	.0139	.102
%RSD	683.41	.25684	1.6194	.03778	.51722	4.1168	1.1284	.62858

#1	-.00012	34.427	.03918	.02887	.13574	65.525	1.2211	16.290
#2	.00018	34.303	.04009	.02885	.13674	61.818	1.2407	16.146

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05686	.00519	3.6666	.10460	.31181	3.8108	.00057	.06178
Stddev	.00002	.00091	.0112	.00160	.01465	.0311	.00023	.01170
%RSD	.04385	17.466	.30638	1.5291	4.6980	.81494	39.501	18.941

#1	.05687	.00583	3.6746	.10347	.32217	3.8327	.00073	.07005
#2	.05684	.00455	3.6587	.10573	.30145	3.7888	.00041	.05350

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.85822	1.6012	.02363	1.0702	.03550	2.124	.12789	
Stddev	.00139	.0149	.00006	.0045	.00089	.002	.00068	
%RSD	.16218	.93121	.27084	.42088	2.5097	.1130	.52966	

#1	.85920	1.5906	.02368	1.0734	.03613	2.125	.12837	
#2	.85724	1.6117	.02359	1.0670	.03487	2.122	.12741	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4912.2	65900.	4940.8	93.738	3831.2			
Stddev	8.7	401.	47.2	4.344	13.0			
%RSD	.17686	.60798	.95532	4.6340	.33971			

#1	4906.0	66184.	4907.5	90.667	3822.0			
#2	4918.3	65617.	4974.2	96.810	3840.4			

Sample Name: I4562-22MS Acquired: 8/3/2017 17:19:02 Type: Unk
Method: P4-ICP2(v2124) 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	.70983	2.0136	3.0040	1.6174	.13016	114.77	1.1649	.17867	.20295
Stddev	.00039	.0006	.0000	.0002	.00217	.40	.0024	.00000	.00072
%RSD	.05468	.02923	.00018	.00989	1.6677	.35055	.20619	.00216	.35407

#1	.70955	2.0132	3.0040	1.6175	.13169	114.48	1.1666	.17867	.20346
#2	.71010	2.0141	3.0040	1.6173	.12862	115.05	1.1632	.17867	.20244

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	193.59	.49756	.32963	.68223	247.27	4.5498	78.264	.77240	.08491
Stddev	1.07	.00127	.00036	.00272	3.29	.0010	.541	.00031	.00033
%RSD	.55216	.25594	.10952	.39835	1.3317	.02103	.69096	.04075	.38524

#1	194.34	.49666	.32989	.68415	244.94	4.5491	78.647	.77262	.08468
#2	192.83	.49846	.32938	.68031	249.60	4.5505	77.882	.77218	.08514

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	21.606	.60455	1.6630	25.959	.32470	.46796	4.1499	8.6122	.82589
Stddev	.085	.00105	.0245	.113	.00050	.00517	.0108	.0278	.00065
%RSD	.39552	.17310	1.4763	.43478	.15528	1.1038	.26123	.32310	.07923

#1	21.667	.60381	1.6456	26.039	.32434	.46430	4.1575	8.6318	.82635
#2	21.546	.60529	1.6804	25.879	.32506	.47161	4.1422	8.5925	.82542

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	3.9021	.32561	14.59	.79954
Stddev	.0230	.00005	.04	.00324
%RSD	.58859	.01512	.2534	.40575

#1	3.9183	.32564	14.61	.80183
#2	3.8858	.32557	14.56	.79724

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5390.8	75172.	5607.8	89.101	3502.2
Stddev	11.8	46.	42.7	1.179	9.2
%RSD	.21938	.06122	.76206	1.3233	.26287

#1	5382.4	75204.	5577.6	89.935	3495.7
#2	5399.1	75139.	5638.0	88.267	3508.7

Sample Name: CCV08 Acquired: 8/3/2017 17:23:04 Type: Unk
Method: P4-ICP2(v2124) 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	4.7498	4.9059	4.6596	4.9048	4.8315	10.275	9.8808	.24967	2.4192
Stddev	.0097	.0204	.0117	.0165	.0094	.069	.0491	.00102	.0002
%RSD	.20437	.41502	.25027	.33679	.19528	.67040	.49701	.41003	.00764

#1	4.7567	4.9203	4.6514	4.9165	4.8381	10.324	9.8461	.25039	2.4191
#2	4.7430	4.8915	4.6679	4.8931	4.8248	10.226	9.9155	.24894	2.4194

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.294	.99006	2.4206	1.2190	4.8532	2.5248	23.413	2.4539	1.1979
Stddev	.051	.00165	.0023	.0008	.0426	.0042	.074	.0014	.0019
%RSD	.20853	.16705	.09372	.06315	.87842	.16633	.31808	.05872	.16306

#1	24.330	.99123	2.4222	1.2196	4.8230	2.5278	23.465	2.4549	1.1993
#2	24.258	.98889	2.4190	1.2185	4.8833	2.5219	23.360	2.4529	1.1966

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	24.303	2.4779	2.4740	24.801	4.8088	4.9746	4.9199	4.9334	4.7787
Stddev	.031	.0019	.0377	.047	.0078	.0404	.0051	.0281	.0059
%RSD	.12753	.07615	1.5222	.19146	.16166	.81142	.10294	.56970	.12439

#1	24.325	2.4792	2.4473	24.835	4.8143	5.0031	4.9235	4.9135	4.7829
#2	24.281	2.4766	2.5006	24.768	4.8033	4.9460	4.9163	4.9532	4.7745

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8466	4.9549	5.189	4.8840
Stddev	.0026	.0094	.005	.0162
%RSD	.05294	.19041	.1019	.33177

#1	4.8447	4.9616	5.193	4.8726
#2	4.8484	4.9482	5.186	4.8955

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4634.6	62950.	4709.5	89.968	3681.7
Stddev	13.8	335.	8.8	1.233	5.3
%RSD	.29751	.53208	.18739	1.3704	.14517

#1	4624.8	62714.	4715.8	90.840	3677.9
#2	4644.3	63187.	4703.3	89.096	3685.4

Sample Name: CCB08 Acquired: 8/3/2017 17:27:10 Type: Unk

Method: P4-ICP2(v2124) 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	.00005	-.00045	-.00103	.00000	.00152	-.00014	.00000
Stddev	.00031	.00109	.00102	.00038	.0001	.00150	.00025	.00001
%RSD	31.636	1989.3	229.48	36.853	4553.0	98.576	185.42	379.09

#1	-.00077	.00082	.00028	-.00076	.00007	.00258	-.00031	.00000
#2	-.00121	-.00071	-.00117	-.00129	-.00007	.00046	.00004	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00429	-.00004	.00008	.00095	.01834	.00079	.04746
Stddev	.00001	.00450	.00005	.00005	.00010	.00754	.00006	.02145
%RSD	15.424	105.01	126.16	54.800	10.605	41.101	7.1052	45.199

#1	-.00008	.00110	-.00008	.00012	.00103	.02368	.00083	.03229
#2	-.00010	.00747	.00000	.00005	.00088	.01301	.00075	.06262

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	.00033	-.04328	-.00067	.00025	.02316	.00251	.00362
Stddev	.00007	.00030	.00478	.00001	.00007	.01351	.00079	.00356
%RSD	15.163	91.845	11.049	1.1982	28.525	58.342	31.482	98.491

#1	-.00048	.00054	-.03990	-.00066	.00030	.03272	.00307	.00614
#2	-.00039	.00011	-.04666	-.00067	.00020	.01361	.00195	.00110

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00169	.00564	.00085	.00138	-.00490	-.0003	-.00004	
Stddev	.00077	.00090	.00054	.00259	.00049	.0000	.00019	
%RSD	45.580	16.026	64.114	187.39	9.9295	3.921	437.26	

#1	.00223	.00500	.00123	.00321	-.00525	-.0004	.00009	
#2	.00114	.00627	.00046	-.00045	-.00456	-.0003	-.00018	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4729.6	62360.	4660.5	93.321	3852.6			
Stddev	17.2	848.	9.0	.686	17.5			
%RSD	.36406	1.3595	.19218	.73533	.45312			

#1	4717.4	61760.	4654.1	92.836	3840.3			
#2	4741.7	62959.	4666.8	93.806	3865.0			

Sample Name: I4562-22MSD Acquired: 8/3/2017 17:31:25 Type: Unk
Method: P4-ICP2(v2124) 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	.71457	2.0165	3.0266	1.6221	.12932	115.08	1.1640	.17971	.20319
Stddev	.00037	.0020	.0040	.0002	.00170	.34	.0023	.00026	.00004
%RSD	.05248	.09959	.13062	.01321	1.3113	.29213	.19581	.14499	.01787

#1	.71483	2.0151	3.0294	1.6220	.13052	114.84	1.1624	.17989	.20316
#2	.71430	2.0179	3.0238	1.6223	.12812	115.31	1.1656	.17953	.20321

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	193.84	.49552	.32960	.68724	246.10	4.5668	78.375	.77292	.08521
Stddev	.55	.00197	.00068	.00212	2.37	.0112	.389	.00134	.00027
%RSD	.28467	.39778	.20764	.30812	.96196	.24441	.49592	.17360	.31499

#1	193.45	.49691	.33008	.68874	244.43	4.5589	78.100	.77197	.08502
#2	194.23	.49413	.32911	.68575	247.78	4.5747	78.650	.77387	.08540

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	21.644	.60661	1.6567	25.937	.32710	.46721	4.1531	8.5487	.82601
Stddev	.018	.00065	.0191	.009	.00085	.00270	.0022	.0523	.00035
%RSD	.08125	.10684	1.1506	.03333	.26112	.57741	.05398	.61208	.04245

#1	21.631	.60615	1.6432	25.931	.32770	.46530	4.1515	8.5117	.82626
#2	21.656	.60707	1.6702	25.943	.32649	.46911	4.1546	8.5857	.82576

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	3.8984	.32686	14.59	.79836
Stddev	.0117	.00072	.01	.00089
%RSD	.30029	.21929	.0521	.11111

#1	3.8901	.32635	14.59	.79773
#2	3.9067	.32736	14.58	.79898

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5371.5	74867.	5608.7	89.408	3498.0
Stddev	20.3	1.	3.1	.848	7.0
%RSD	.37783	.00144	.05509	.94800	.20085

#1	5357.1	74866.	5610.9	90.007	3493.0
#2	5385.8	74868.	5606.5	88.808	3503.0

Sample Name: I4562-22A Acquired: 8/3/2017 17:35:27 Type: Unk
Method: P4-ICP2(v2124) 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	.73137	2.1103	3.0796	1.7671	.69292	115.93	1.1183	.18093	.21182
Stddev	.00070	.0031	.0053	.0018	.00143	1.05	.0008	.00097	.00011
%RSD	.09540	.14737	.17137	.10225	.20582	.90955	.07269	.53364	.05026

#1	.73088	2.1081	3.0834	1.7658	.69392	116.68	1.1177	.18162	.21190
#2	.73187	2.1125	3.0759	1.7684	.69191	115.19	1.1189	.18025	.21175

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	140.39	.50074	.35985	.76510	312.98	4.9463	67.984	.81891	.09207
Stddev	.24	.00447	.00088	.00142	1.59	.0431	.241	.00075	.00044
%RSD	.17176	.89315	.24579	.18603	.50680	.87183	.35519	.09112	.47966

#1	140.22	.50390	.35922	.76611	311.86	4.9768	67.813	.81944	.09238
#2	140.56	.49758	.36047	.76410	314.11	4.9158	68.154	.81838	.09175

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	18.182	.67695	1.7253	25.074	.35227	.59824	4.3497	7.9627	.87400
Stddev	.021	.00460	.0145	.073	.00038	.02300	.0066	.0561	.00114
%RSD	.11443	.68020	.84186	.29262	.10823	3.8442	.15092	.70490	.13027

#1	18.168	.68020	1.7150	25.022	.35254	.58198	4.3451	7.9230	.87480
#2	18.197	.67369	1.7356	25.126	.35200	.61450	4.3543	8.0024	.87319

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.5604	.33852	15.03	.69781
Stddev	.0094	.00116	.00	.00083
%RSD	.20573	.34169	.0043	.11838

#1	4.5537	.33770	15.03	.69723
#2	4.5670	.33934	15.03	.69840

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5509.2	76754.	5703.6	88.318	3499.1
Stddev	5.5	349.	27.4	.704	4.4
%RSD	.10010	.45529	.48064	.79761	.12494

#1	5505.3	76507.	5723.0	88.816	3496.0
#2	5513.1	77001.	5684.2	87.820	3502.1

Sample Name: I4588-01 Acquired: 8/3/2017 17:39:28 Type: Unk
Method: P4-ICP2(v2124) 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	68.244	.07873	2.3944	.11151	.20057	51.412	1.0253	.00401
Stddev	.328	.00046	.0002	.00273	.00074	.024	.0001	.00001
%RSD	.48088	.58742	.00823	2.4526	.37127	.04673	.00684	.29878

#1	68.012	.07906	2.3942	.11345	.20004	51.429	1.0254	.00400
#2	68.476	.07840	2.3945	.10958	.20109	51.396	1.0253	.00402

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04029	99.810	.22030	.08922	1.2643	219.26	1.4212	48.044
Stddev	.00008	.050	.00188	.00032	.0059	1.55	.0047	.098
%RSD	.19659	.04999	.85507	.36003	.46297	.70882	.33374	.20355

#1	.04035	99.846	.21897	.08944	1.2601	220.35	1.4179	48.114
#2	.04023	99.775	.22164	.08899	1.2684	218.16	1.4246	47.975

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48668	.02270	5.6790	.19083	2.5530	6.5195	.01941	-.00426
Stddev	.00036	.00042	.0217	.00169	.0116	.0125	.00008	.00681
%RSD	.07474	1.8642	.38271	.88725	.45402	.19143	.42001	159.91

#1	.48693	.02300	5.6944	.18963	2.5612	6.5284	.01935	.00056
#2	.48642	.02240	5.6636	.19202	2.5448	6.5107	.01947	-.00907

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	90.343	2.8016	.29902	1.8849	.08378	3.710	.53653	
Stddev	.024	.0306	.00018	.0033	.00041	.000	.00021	
%RSD	.02604	1.0924	.06052	.17640	.48955	.0014	.03910	

#1	90.326	2.7800	.29914	1.8825	.08407	3.710	.53668	
#2	90.359	2.8233	.29889	1.8872	.08349	3.710	.53638	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4869.9	66449.	5058.9	92.757	3753.2			
Stddev	14.8	24.	19.4	.527	2.3			
%RSD	.30391	.03624	.38297	.56849	.06034			

#1	4880.3	66432.	5045.2	92.384	3751.6			
#2	4859.4	66466.	5072.6	93.130	3754.8			

Sample Name: I4588-02 Acquired: 8/3/2017 17:43:27 Type: Unk
Method: P4-ICP2(v2124) 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	13.564	.03493	16.383	.27186	.07052	105.15	18.112	.00723
Stddev	.055	.00138	.004	.00057	.00009	1.07	.167	.00012
%RSD	.40750	3.9396	.02340	.20894	.12461	1.0150	.92448	1.6673

#1	13.525	.03396	16.386	.27227	.07046	105.90	17.994	.00715
#2	13.603	.03590	16.381	.27146	.07059	104.39	18.231	.00732

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07473	75.070	.69464	.16516	17.910	623.52	3.9029	38.777
Stddev	.00030	.032	.00140	.00017	.045	2.29	.0241	.061
%RSD	.39980	.04241	.20106	.10483	.25367	.36808	.61837	.15686

#1	.07452	75.093	.69562	.16528	17.878	625.14	3.9200	38.820
#2	.07494	75.048	.69365	.16503	17.942	621.89	3.8859	38.734

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0063	.71773	3.6533	.51579	10.944	10.416	.02507	-.02504
Stddev	.0007	.00056	.0049	.00126	.051	.004	.00016	.00001
%RSD	.06674	.07822	.13420	.24521	.46217	.04110	.64271	.02240

#1	1.0067	.71813	3.6567	.51489	10.908	10.419	.02518	-.02504
#2	1.0058	.71733	3.6498	.51668	10.980	10.413	.02496	-.02503

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	17.690	2.7748	2.1449	2.4056	.16085	19.94	1.4485	
Stddev	.001	.0121	.0016	.0227	.00092	.01	.0020	
%RSD	.00785	.43484	.07527	.94385	.57378	.0458	.13710	

#1	17.691	2.7663	2.1438	2.4216	.16150	19.95	1.4499	
#2	17.689	2.7833	2.1461	2.3895	.16019	19.94	1.4471	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5148.0	72802.	5588.4	92.673	3382.9			
Stddev	3.0	321.	22.0	.245	11.3			
%RSD	.05789	.44069	.39388	.26385	.33492			

#1	5150.1	72575.	5604.0	92.846	3374.9			
#2	5145.9	73028.	5572.8	92.500	3390.9			

Sample Name: I4588-03 Acquired: 8/3/2017 17:47:37 Type: Unk
Method: P4-ICP2(v2124) 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	21.597	.42976	8.7332	.18287	1.3117	145.76	2.3261	.00573	.17598
Stddev	.122	.00026	.0614	.00737	.0068	.17	.0070	.00005	.00000
%RSD	.56346	.06117	.70348	4.0326	.52103	.11756	.30081	.94416	.00135

#1	21.683	.42957	8.7766	.18809	1.3166	145.63	2.3212	.00570	.17598
#2	21.511	.42995	8.6898	.17766	1.3069	145.88	2.3311	.00577	.17598

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	495.07	.52868	.58953	3.9385	388.52	4.7519	116.93	.67462	.06871
Stddev	2.30	.00014	.00445	.0181	9.96	.0033	.45	.00469	.00034
%RSD	.46437	.02728	.75454	.46033	2.5623	.07021	.38811	.69475	.49465

#1	493.44	.52858	.59267	3.9514	395.56	4.7496	116.61	.67793	.06895
#2	496.69	.52879	.58638	3.9257	381.48	4.7543	117.25	.67130	.06846

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4274	.59734	5.1026	29.926	.01734	1.0044	25.034	2.2332	.23545
Stddev	.0425	.00204	.1324	.152	.00002	.0152	.140	.0012	.00141
%RSD	.66113	.34109	2.5949	.50766	.13534	1.5170	.55881	.05529	.59963

#1	6.3974	.59590	5.1962	29.819	.01732	1.0152	25.133	2.2323	.23645
#2	6.4574	.59878	5.0090	30.034	.01736	.99361	24.935	2.2340	.23445

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	7.0317	.22873	8.151	2.3736
Stddev	.0316	.00120	.057	.0071
%RSD	.44949	.52580	.6989	.29839

#1	7.0094	.22788	8.191	2.3685
#2	7.0541	.22958	8.111	2.3786

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4969.5	70468.	5350.6	84.962	3294.2
Stddev	34.4	47.	23.9	2.319	24.8
%RSD	.69194	.06730	.44751	2.7291	.75279

#1	4945.2	70502.	5367.5	83.322	3276.7
#2	4993.8	70435.	5333.7	86.601	3311.7

Sample Name: I4588-04 Acquired: 8/3/2017 17:51:46 Type: Unk
Method: P4-ICP2(v2124) 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	8.4919	.07380	10.848	.10787	.10172	136.37	1.9208	.00431	.05075
Stddev	.0124	.00138	.001	.00318	.00122	.28	.0105	.00003	.00063
%RSD	.14561	1.8758	.00853	2.9498	1.2003	.20218	.54484	.77222	1.2418

#1	8.4832	.07282	10.848	.10562	.10258	136.17	1.9282	.00434	.05119
#2	8.5006	.07478	10.847	.11012	.10086	136.56	1.9134	.00429	.05030

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	465.38	.39641	.19546	11.165	371.21	3.8180	83.088	.40999	.05549
Stddev	1.43	.00113	.00044	.006	4.15	.0481	.258	.00031	.00111
%RSD	.30653	.28516	.22687	.05196	1.1179	1.2612	.31100	.07475	1.9936

#1	466.39	.39561	.19577	11.161	368.28	3.7839	83.271	.40977	.05471
#2	464.37	.39721	.19514	11.170	374.15	3.8520	82.905	.41021	.05628

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0310	.82970	3.1913	23.546	.02506	.96740	17.953	1.9070	.23443
Stddev	.0364	.00095	.0391	.061	.00001	.00213	.024	.0089	.00010
%RSD	.51831	.11455	1.2259	.25697	.05211	.21977	.13112	.46804	.04456

#1	7.0568	.82903	3.1636	23.589	.02506	.96589	17.970	1.9133	.23450
#2	7.0053	.83037	3.2189	23.504	.02505	.96890	17.937	1.9007	.23436

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	6.1559	.20632	8.915	2.2234
Stddev	.0299	.00115	.001	.0071
%RSD	.48562	.55978	.0141	.32064

#1	6.1771	.20714	8.916	2.2285
#2	6.1348	.20551	8.914	2.2184

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4992.2	71017.	5409.4	88.482	3356.2
Stddev	5.3	154.	21.2	.957	10.5
%RSD	.10664	.21687	.39278	1.0811	.31267

#1	4988.4	71126.	5394.4	89.158	3348.8
#2	4995.9	70908.	5424.5	87.805	3363.6

Sample Name: I4588-05 Acquired: 8/3/2017 17:55:57 Type: Unk
Method: P4-ICP2(v2124) 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	.89954	.00875	.36287	-.07744	.00486	184.80	1.8041	.00492
Stddev	.00565	.00108	.00150	.00011	.00229	1.17	.0005	.00003
%RSD	.62822	12.315	.41324	.13650	47.089	.63316	.02726	.59120

#1	.89554	.00951	.36181	-.07737	.00648	185.62	1.8045	.00494
#2	.90354	.00799	.36393	-.07752	.00324	183.97	1.8038	.00490

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00348	1134.3	.26305	.08098	.48834	157.50	2.9757	80.159
Stddev	.00016	6.9	.00131	.00023	.00019	1.99	.0147	.178
%RSD	4.5869	.60938	.49919	.28640	.03870	1.2631	.49377	.22175

#1	.00360	1129.4	.26398	.08115	.48821	156.09	2.9861	80.033
#2	.00337	1139.2	.26212	.08082	.48847	158.90	2.9653	80.285

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20966	.01133	21.479	.29007	1.1484	22.216	.00456	.19584
Stddev	.00015	.00018	.018	.00122	.0154	.054	.00000	.01085
%RSD	.07179	1.5553	.08471	.42068	1.3443	.24087	.07684	5.5389

#1	.20977	.01146	21.466	.29093	1.1375	22.178	.00456	.20351
#2	.20956	.01121	21.492	.28920	1.1593	22.254	.00456	.18817

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	27.810	.71512	.01982	5.2333	.16031	6.517	6.0804	
Stddev	.114	.00527	.00030	.0265	.00116	.017	.0025	
%RSD	.40941	.73741	1.4942	.50594	.72553	.2655	.04180	

#1	27.729	.71139	.01961	5.2146	.15948	6.505	6.0822	
#2	27.890	.71885	.02003	5.2520	.16113	6.529	6.0786	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4630.9	65548.	5037.6	85.462	3277.9			
Stddev	6.9	320.	6.7	1.055	9.0			
%RSD	.14809	.48878	.13280	1.2341	.27551			

#1	4635.8	65322.	5042.3	86.208	3284.3			
#2	4626.1	65775.	5032.8	84.717	3271.5			

Sample Name: I4588-06 Acquired: 8/3/2017 18:00:16 Type: Unk
Method: P4-ICP2(v2124) 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	.09804	.01411	.13874	-.07979	.00592	149.90	.94301	.00670
Stddev	.00231	.00007	.00033	.00036	.00316	.81	.00017	.00004
%RSD	2.3530	.48576	.24033	.45497	53.323	.54242	.01842	.66258

#1	.09967	.01416	.13850	-.08005	.00815	150.48	.94289	.00673
#2	.09641	.01406	.13897	-.07953	.00369	149.33	.94313	.00667

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00502	1414.6	.83577	.09422	.53386	235.59	3.6652	78.872
Stddev	.00005	7.0	.00189	.00039	.00046	1.34	.0326	.095
%RSD	1.0508	.49711	.22629	.41387	.08638	.56739	.88963	.12104

#1	.00498	1409.7	.83711	.09450	.53419	236.54	3.6883	78.805
#2	.00506	1419.6	.83444	.09395	.53354	234.65	3.6421	78.940

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42824	.01754	4.7259	.29180	.41416	13.535	.04463	.25901
Stddev	.00134	.00010	.0471	.00220	.00395	.007	.00014	.00627
%RSD	.31375	.56128	.99757	.75367	.95379	.04853	.31074	2.4201

#1	.42919	.01747	4.6926	.29336	.41695	13.530	.04453	.26344
#2	.42729	.01761	4.7592	.29024	.41137	13.539	.04473	.25458

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	35.923	1.2430	.02630	5.5306	.16433	7.121	6.0915	
Stddev	.096	.0136	.00008	.0100	.00075	.005	.0228	
%RSD	.26757	1.0952	.31918	.18018	.45861	.0695	.37406	

#1	35.991	1.2334	.02636	5.5235	.16486	7.117	6.0753	
#2	35.855	1.2527	.02624	5.5376	.16380	7.124	6.1076	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4673.5	66306.	5110.3	85.076	3177.2			
Stddev	10.8	417.	15.0	.722	11.1			
%RSD	.23113	.62910	.29426	.84844	.34788			

#1	4665.9	66011.	5099.7	84.565	3169.4			
#2	4681.2	66601.	5121.0	85.586	3185.0			

Sample Name: I4511-02 Acquired: 8/3/2017 18:04:42 Type: Unk
Method: P4-ICP2(v2124) 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	.04920	.01422	.09889	-.54798	-.00263	27.458	.29967	.00257
Stddev	.00019	.00150	.00352	.00269	.00079	.186	.00050	.00005
%RSD	.38547	10.520	3.5566	.49059	30.073	.67786	.16641	1.9796

#1	.04934	.01316	.09640	-.54989	-.00319	27.589	.29931	.00253
#2	.04907	.01527	.10137	-.54608	-.00207	27.326	.30002	.00261

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00546	F 5096.7	.06574	.05349	.05701	137.14	5.7901	204.48
Stddev	.00039	26.6	.00032	.00106	.00174	3.97	.0068	.03
%RSD	7.1480	.52287	.48858	1.9751	3.0437	2.8950	.11708	.01542

#1	.00519	5115.6	.06597	.05275	.05578	139.95	5.7949	204.50
#2	.00574	5077.9	.06551	.05424	.05823	134.33	5.7853	204.46

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14600	.00822	2.2630	.05018	.27158	9.6973	.00171	.02780
Stddev	.00045	.00028	.0082	.00056	.00623	.0164	.00028	.00595
%RSD	.31031	3.3919	.36058	1.1212	2.2957	.16913	16.238	21.392

#1	.14567	.00842	2.2572	.04979	.27598	9.6857	.00151	.03200
#2	.14632	.00803	2.2688	.05058	.26717	9.7089	.00190	.02359

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	29.023	3.3601	-.00055	.01909	.24878	3.405	10.874	
Stddev	.137	.0261	.00006	.00170	.00079	.008	.058	
%RSD	.47060	.77605	10.025	8.8867	.31896	.2341	.53505	

#1	28.926	3.3416	-.00051	.01789	.24822	3.399	10.833	
#2	29.119	3.3785	-.00059	.02029	.24934	3.410	10.915	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4217.0	63862.	5081.6	70.813	2475.0			
Stddev	15.8	442.	13.4	1.668	8.3			
%RSD	.37440	.69163	.26438	2.3557	.33588			

#1	4228.2	63550.	5091.1	69.633	2480.8			
#2	4205.8	64175.	5072.1	71.992	2469.1			

Sample Name: I4522-01 Acquired: 8/3/2017 18:09:01 Type: Unk
Method: P4-ICP2(v2124) 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	.15057	.02033	7.0440	.02466	.03664	112.46	2.6412	.00993	.02023
Stddev	.00030	.00005	.0277	.00176	.00187	.43	.0160	.00009	.00101
%RSD	.20127	.23714	.39274	7.1540	5.0918	.38134	.60538	.89451	5.0113

#1	.15079	.02030	7.0635	.02341	.03796	112.15	2.6525	.00999	.02095
#2	.15036	.02037	7.0244	.02591	.03532	112.76	2.6299	.00987	.01951

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1149.7	.15365	.12004	1.6167	392.96	6.3412	464.65	.32014	.03275
Stddev	7.0	.00103	.00047	.0092	4.98	.0077	1.60	.00374	.00018
%RSD	.61263	.67041	.39399	.56682	1.2681	.12153	.34534	1.1667	.53871

#1	1154.7	.15292	.12038	1.6232	389.43	6.3357	465.78	.32278	.03262
#2	1144.7	.15438	.11971	1.6102	396.48	6.3466	463.51	.31750	.03287

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	3.5866	.29059	4.2142	11.964	.01672	.03671	10.718	6.1878	.45991
Stddev	.0249	.00232	.0630	.080	.00006	.00884	.055	.0031	.00244
%RSD	.69432	.79844	1.4951	.66577	.34934	24.094	.51231	.05038	.53085

#1	3.6042	.28895	4.1697	12.021	.01676	.03045	10.757	6.1900	.46164
#2	3.5689	.29223	4.2588	11.908	.01668	.04296	10.679	6.1855	.45819

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	1.8935	.20955	7.799	1.5196
Stddev	.0129	.00140	.029	.0117
%RSD	.68210	.66937	.3732	.76801

#1	1.9027	.21054	7.819	1.5278
#2	1.8844	.20856	7.778	1.5113

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4837.3	69978.	5377.3	79.976	2909.6
Stddev	19.5	355.	11.0	1.193	11.4
%RSD	.40342	.50739	.20381	1.4920	.39314

#1	4823.5	70229.	5369.6	80.819	2901.5
#2	4851.1	69727.	5385.1	79.132	2917.7

Sample Name: CCV09 Acquired: 8/3/2017 18:13:14 Type: Unk
Method: P4-ICP2(v2124) 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	4.7353	4.8247	4.6576	4.8541	4.8134	10.337	9.8587	.24985	2.3979
Stddev	.0030	.0003	.0106	.0026	.0052	.009	.0289	.00051	.0030
%RSD	.06265	.00524	.22822	.05418	.10782	.08964	.29340	.20542	.12479

#1	4.7374	4.8245	4.6651	4.8560	4.8171	10.344	9.8791	.24949	2.4000
#2	4.7332	4.8249	4.6500	4.8522	4.8097	10.331	9.8382	.25021	2.3957

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.408	.98160	2.3961	1.2182	4.8360	2.5257	23.748	2.4245	1.1988
Stddev	.005	.00230	.0038	.0034	.0093	.0045	.017	.0063	.0012
%RSD	.02106	.23392	.15882	.28276	.19233	.17740	.07172	.25882	.10330

#1	24.411	.98322	2.3988	1.2206	4.8426	2.5226	23.736	2.4290	1.1997
#2	24.404	.97997	2.3934	1.2158	4.8294	2.5289	23.760	2.4201	1.1979

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	24.330	2.4746	2.4386	24.999	4.7991	5.0249	4.8519	4.9677	4.7394
Stddev	.052	.0019	.0217	.088	.0039	.0058	.0193	.0204	.0005
%RSD	.21292	.07654	.89018	.35260	.08140	.11485	.39855	.41082	.01002

#1	24.294	2.4733	2.4232	24.937	4.8018	5.0208	4.8655	4.9532	4.7397
#2	24.367	2.4760	2.4539	25.062	4.7963	5.0290	4.8382	4.9821	4.7390

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8604	4.9830	5.118	4.8539
Stddev	.0264	.0086	.009	.0183
%RSD	.54255	.17194	.1837	.37751

#1	4.8417	4.9890	5.124	4.8410
#2	4.8790	4.9769	5.111	4.8669

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4653.0	62683.	4664.6	91.110	3719.7
Stddev	21.0	41.	4.3	.525	20.2
%RSD	.45130	.06566	.09285	.57627	.54411

#1	4638.1	62654.	4667.7	91.481	3705.4
#2	4667.8	62712.	4661.6	90.738	3734.0

Sample Name: LLCCV02 Acquired: 8/3/2017 18:17:20 Type: Unk
Method: P4-ICP2(v2124) 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	.01947	.03775	.01159	.01929	.04738	.11222	.10030	.00607	.00581
Stddev	.00015	.00071	.00006	.00116	.00084	.00649	.00065	.00002	.00001
%RSD	.78982	1.8797	.50601	6.0113	1.7819	5.7811	.64570	.37556	.21936

#1	.01936	.03825	.01163	.01847	.04798	.11681	.09984	.00609	.00580
#2	.01958	.03724	.01155	.02011	.04678	.10763	.10076	.00605	.00582

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9755	.01028	.02880	.02568	.11942	.02254	1.9485	.03903	.00980
Stddev	.0144	.00022	.00004	.00056	.00626	.00017	.0049	.00060	.00038
%RSD	.73137	2.1376	.12914	2.1933	5.2431	.76533	.25140	1.5499	3.8817

#1	1.9653	.01043	.02882	.02608	.11500	.02266	1.9450	.03860	.01007
#2	1.9858	.01012	.02877	.02529	.12385	.02242	1.9519	.03945	.00953

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	1.9285	.03833	.04035	2.0408	.20544	.10267	.01906	.37345	.04047
Stddev	.0068	.00004	.00018	.0059	.00072	.00128	.00050	.00200	.00016
%RSD	.35141	.09604	.44007	.28669	.35098	1.2469	2.5996	.53523	.40686

#1	1.9237	.03835	.04048	2.0367	.20595	.10358	.01941	.37204	.04059
#2	1.9333	.03830	.04022	2.0450	.20493	.10177	.01871	.37487	.04035

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.04303	.01597	.0209	.02046
Stddev	.00059	.00034	.0005	.00024
%RSD	1.3621	2.1493	2.174	1.1713

#1	.04344	.01621	.0205	.02029
#2	.04261	.01573	.0212	.02062

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4728.1	63278.	4657.3	94.420	3908.0
Stddev	7.4	201.	2.4	.277	4.5
%RSD	.15685	.31837	.05137	.29388	.11596

#1	4722.9	63136.	4655.7	94.224	3904.8
#2	4733.4	63420.	4659.0	94.617	3911.2

Sample Name: CCB09 Acquired: 8/3/2017 18:21:33 Type: Unk
Method: P4-ICP2(v2124) 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	.00030	.00109	-.00027	-.00077	-.00159	.00623	.00098	-.00001
Stddev	.00114	.00076	.00077	.00058	.00048	.01493	.00012	.00000
%RSD	374.89	69.796	282.33	75.890	29.947	239.80	12.337	93.359

#1	.00111	.00055	.00027	-.00036	-.00193	-.00433	.00090	.00000
#2	-.00050	.00162	-.00082	-.00118	-.00125	.01678	.00107	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00700	.00017	.00018	.00321	.00955	.00134	.01281
Stddev	.00003	.01687	.00012	.00032	.00039	.01156	.00002	.01674
%RSD	337.19	241.21	74.027	177.16	12.059	120.95	1.6585	130.73

#1	.00003	.00494	.00025	-.00005	.00294	.00138	.00136	.02464
#2	-.00001	-.01893	.00008	.00040	.00349	.01773	.00133	.00097

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	-.00024	-.04342	-.00030	.00033	.05992	.00043	-.00345
Stddev	.00015	.00001	.00333	.00002	.00009	.01399	.00022	.00008
%RSD	45.793	2.2110	7.6722	5.7152	28.586	23.350	50.442	2.3652

#1	-.00043	-.00024	-.04577	-.00031	.00040	.06981	.00059	-.00340
#2	-.00022	-.00023	-.04106	-.00029	.00026	.05002	.00028	-.00351

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00130	.00048	-.00029	.00291	-.00328	-.0012	-.00014	
Stddev	.00073	.00164	.00015	.00162	.00152	.0004	.00011	
%RSD	55.965	340.64	52.608	55.803	46.372	36.49	78.406	

#1	.00079	.00164	-.00039	.00406	-.00220	-.0009	-.00022	
#2	.00182	-.00068	-.00018	.00176	-.00436	-.0015	-.00006	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4706.7	63439.	4641.1	92.278	3870.9			
Stddev	7.5	361.	2.0	.978	3.2			
%RSD	.15967	.56836	.04329	1.0594	.08253			

#1	4701.4	63184.	4642.5	91.587	3868.6			
#2	4712.0	63694.	4639.7	92.970	3873.2			

Sample Name: I4544-01 Acquired: 8/3/2017 18:25:48 Type: Unk
Method: P4-ICP2(v2124) 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	.01200	-.00414	.00566	.00371	.00071	11.086	.35723	-.00002
Stddev	.00096	.00053	.00105	.00076	.00118	.053	.00266	.00007
%RSD	7.9832	12.740	18.618	20.472	167.51	.47570	.74502	398.45
#1	.01132	-.00377	.00641	.00317	.00154	11.123	.35911	-.00007
#2	.01268	-.00452	.00492	.00424	-.00013	11.048	.35535	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	37.114	.01690	.00056	.02226	10.113	.08313	13.516
Stddev	.00002	.006	.00084	.00001	.00012	.005	.00073	.013
%RSD	11.335	.01698	4.9872	1.3768	.53677	.05139	.87931	.09801
#1	-.00017	37.119	.01630	.00056	.02218	10.110	.08261	13.506
#2	-.00014	37.110	.01750	.00057	.02234	10.117	.08365	13.525
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00276	.00114	16.576	.02503	.24147	12.711	.00066	.33823
Stddev	.00025	.00051	.084	.00109	.00285	.030	.00039	.01058
%RSD	8.9501	44.660	.50816	4.3710	1.1787	.23773	58.673	3.1281
#1	.00258	.00078	16.635	.02426	.23946	12.733	.00039	.34572
#2	.00293	.00150	16.516	.02581	.24348	12.690	.00094	.33075
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	30.017	20.840	.00133	.40106	.00323	.1276	.12696	
Stddev	.078	.955	.00019	.00350	.00044	.0013	.00069	
%RSD	.26013	4.5826	14.147	.87230	13.687	1.042	.54105	
#1	30.072	20.164	.00147	.40354	.00292	.1286	.12745	
#2	29.962	21.515	.00120	.39859	.00354	.1267	.12648	
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4665.2	63494.	4669.5	92.206	3904.3			
Stddev	9.7	23.	13.3	.720	16.1			
%RSD	.20691	.03651	.28541	.78036	.41109			
#1	4658.4	63478.	4660.0	92.715	3892.9			
#2	4672.0	63511.	4678.9	91.698	3915.6			

Sample Name: I4544-02 Acquired: 8/3/2017 18:29:57 Type: Unk
Method: P4-ICP2(v2124) 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	-.00077	-.00278	.07424	-.01359	-.00284	12.448	.22950	.00774
Stddev	.00043	.00002	.00068	.00021	.00076	.011	.00195	.00007
%RSD	56.223	.63547	.90999	1.5575	26.882	.08740	.84879	.87785

#1	-.00046	-.00280	.07471	-.01374	-.00338	12.441	.22812	.00779
#2	-.00107	-.00277	.07376	-.01344	-.00230	12.456	.23088	.00769

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	165.55	.01973	.09562	.08280	4.2862	2.6961	35.944
Stddev	.00006	.18	.00031	.00027	.00011	.0229	.0048	.149
%RSD	13.040	.10744	1.5482	.28152	.13193	.53522	.17947	.41517

#1	.00050	165.68	.01995	.09543	.08272	4.2700	2.6995	35.838
#2	.00042	165.43	.01951	.09581	.08287	4.3024	2.6926	36.049

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24788	.00031	11.965	-.00079	.81543	1.3285	-.00015	.18620
Stddev	.00051	.00018	.002	.00009	.00192	.0174	.00001	.00013
%RSD	.20747	57.624	.01931	11.725	.23560	1.3085	9.5584	.07114

#1	.24824	.00019	11.963	-.00085	.81407	1.3408	-.00016	.18629
#2	.24751	.00044	11.966	-.00072	.81679	1.3162	-.00014	.18610

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	164.44	7.0324	.00040	-.00134	.19637	.0336	.87009	
Stddev	.44	.0055	.00010	.00116	.00054	.0009	.00073	
%RSD	.26980	.07830	24.554	86.515	.27714	2.812	.08420	

#1	164.76	7.0362	.00047	-.00216	.19675	.0342	.86957	
#2	164.13	7.0285	.00033	-.00052	.19598	.0329	.87061	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4726.6	65575.	4763.5	96.092	3957.7			
Stddev	14.3	163.	7.3	.017	13.8			
%RSD	.30177	.24922	.15427	.01804	.34891			

#1	4716.5	65460.	4758.3	96.105	3948.0			
#2	4736.7	65691.	4768.7	96.080	3967.5			

Sample Name: I4544-02DUP Acquired: 8/3/2017 18:34:04 Type: Unk
Method: P4-ICP2(v2124) 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	-.00279	.07491	-.01246	-.00281	12.478	.23118	.00794
Stddev	.00052	.00073	.00014	.00083	.00145	.012	.00100	.00008
%RSD	44.902	26.148	.18593	6.6349	51.604	.09982	.43415	1.0665

#1	.00079	-.00227	.07481	-.01304	-.00384	12.469	.23047	.00788
#2	.00153	-.00331	.07501	-.01187	-.00179	12.487	.23189	.00800

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	166.42	.01981	.09546	.08307	4.3129	2.7037	36.120
Stddev	.00015	.32	.00002	.00007	.00052	.0316	.0072	.155
%RSD	33.686	.19360	.08396	.07480	.62449	.73157	.26679	.42882

#1	.00034	166.65	.01980	.09551	.08344	4.2906	2.6986	36.230
#2	.00056	166.20	.01982	.09541	.08271	4.3352	2.7088	36.011

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24783	.00009	12.072	-.00052	.82607	1.3926	-.00029	.18296
Stddev	.00003	.00019	.094	.00003	.00438	.0126	.00011	.01248
%RSD	.01154	207.20	.77977	4.8984	.53075	.90366	36.511	6.8208

#1	.24785	-.00004	12.139	-.00050	.82297	1.3837	-.00036	.19178
#2	.24781	.00022	12.005	-.00054	.82917	1.4015	-.00021	.17413

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	164.16	7.0997	.00022	-.00109	.19743	.0328	.87565	
Stddev	.24	.0159	.00011	.00355	.00033	.0004	.00122	
%RSD	.14558	.22325	52.004	327.43	.16860	1.090	.13990	

#1	164.33	7.0885	.00030	-.00360	.19720	.0326	.87651	
#2	163.99	7.1109	.00014	.00143	.19767	.0331	.87478	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4726.9	65577.	4729.3	95.009	3970.3			
Stddev	23.9	68.	3.2	.269	15.6			
%RSD	.50606	.10420	.06842	.28278	.39286			

#1	4710.0	65528.	4727.0	95.199	3959.3			
#2	4743.8	65625.	4731.6	94.819	3981.4			

Sample Name: I4544-02LX5 Acquired: 8/3/2017 18:41:57 Type: Unk
Method: P4-ICP2(v2124) 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	.00055	-.00079	.01552	-.00138	-.00245	2.5590	.04700	.00162
Stddev	.00183	.00101	.00149	.00038	.00038	.0038	.00025	.00001
%RSD	331.25	127.54	9.6247	27.188	15.599	.14736	.53254	.91298

#1	-.00074	-.00008	.01658	-.00165	-.00218	2.5564	.04718	.00163
#2	.00185	-.00150	.01447	-.00112	-.00272	2.5617	.04682	.00161

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	34.097	.00392	.01897	.01771	.88563	.56727	7.4759
Stddev	.00002	.079	.00017	.00011	.00027	.00708	.00206	.0281
%RSD	285.11	.23223	4.4585	.57336	1.5018	.79903	.36315	.37549

#1	-.00002	34.041	.00380	.01889	.01789	.88063	.56872	7.4560
#2	.00001	34.153	.00404	.01905	.01752	.89064	.56581	7.4957

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04959	.00033	2.4053	-.00053	.17119	.31345	-.00023	.03744
Stddev	.00043	.00041	.0026	.00010	.00300	.01685	.00021	.01450
%RSD	.85798	125.05	.10643	18.007	1.7541	5.3768	89.890	38.740

#1	.04989	.00062	2.4071	-.00060	.16907	.32537	-.00008	.04770
#2	.04929	.00004	2.4035	-.00046	.17332	.30154	-.00038	.02718

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	35.877	1.5026	-.00022	.00433	.03403	.0075	.17490	
Stddev	.066	.0049	.00013	.00093	.00097	.0010	.00035	
%RSD	.18282	.32891	57.789	21.426	2.8488	13.06	.19863	

#1	35.831	1.4991	-.00013	.00368	.03334	.0082	.17465	
#2	35.924	1.5061	-.00031	.00499	.03471	.0068	.17514	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4791.7	64723.	4711.1	97.374	4149.0			
Stddev	10.0	304.	19.4	1.693	6.1			
%RSD	.20868	.47044	.41096	1.7390	.14598			

#1	4784.6	64508.	4724.8	98.571	4153.3			
#2	4798.8	64938.	4697.4	96.176	4144.7			

Sample Name: I4544-02MS Acquired: 8/3/2017 18:45:57 Type: Unk
Method: P4-ICP2(v2124) 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	.80086	1.9658	1.0752	1.7295	.82333	15.040	.46418	.21078	.20637
Stddev	.00162	.0011	.0003	.0061	.00429	.066	.00094	.00091	.00020
%RSD	.20193	.05642	.02835	.35412	.52154	.44108	.20357	.43137	.09692

#1	.80201	1.9650	1.0750	1.7339	.82636	14.993	.46484	.21014	.20651
#2	.79972	1.9665	1.0755	1.7252	.82029	15.087	.46351	.21143	.20623

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	174.98	.41562	.30759	.41421	7.5890	2.9881	39.761	.76952	.07460
Stddev	.90	.00139	.00089	.00125	.0296	.0121	.002	.00156	.00044
%RSD	.51574	.33479	.29009	.30179	.39054	.40443	.00610	.20332	.59464

#1	175.61	.41464	.30696	.41509	7.6100	2.9795	39.759	.76841	.07429
#2	174.34	.41661	.30823	.41333	7.5680	2.9966	39.763	.77063	.07491

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	16.018	.32127	1.0841	12.710	.43798	.53336	172.82	8.4297	.73352
Stddev	.063	.00182	.0065	.061	.00075	.00375	.07	.0479	.00118
%RSD	.39634	.56798	.60239	.47951	.17046	.70388	.03810	.56775	.16101

#1	16.063	.31998	1.0888	12.753	.43851	.53601	172.87	8.4635	.73269
#2	15.973	.32256	1.0795	12.667	.43745	.53070	172.78	8.3958	.73436

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.22014	.42913	5.698	1.1211
Stddev	.00234	.00076	.006	.0035
%RSD	1.0629	.17694	.1117	.31250

#1	.22179	.42859	5.693	1.1236
#2	.21848	.42966	5.702	1.1186

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4730.0	65956.	4714.2	94.235	3947.9
Stddev	27.0	22.	37.0	.939	12.5
%RSD	.57070	.03280	.78428	.99605	.31596

#1	4710.9	65971.	4688.0	93.571	3939.1
#2	4749.1	65941.	4740.3	94.898	3956.7

Sample Name: I4544-02MSD Acquired: 8/3/2017 18:49:53 Type: Unk
Method: P4-ICP2(v2124) 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	.80222	1.9747	1.0809	1.7375	.82803	15.113	.46667	.21270	.20744
Stddev	.00169	.0069	.0000	.0047	.00523	.013	.00260	.00079	.00044
%RSD	.21111	.34964	.00030	.26908	.63169	.08543	.55772	.37229	.20981

#1	.80342	1.9698	1.0809	1.7408	.83173	15.103	.46851	.21214	.20714
#2	.80103	1.9795	1.0809	1.7342	.82433	15.122	.46483	.21326	.20775

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	175.91	.41990	.30977	.41545	7.7020	3.0089	40.089	.77428	.07473
Stddev	.28	.00080	.00025	.00021	.1854	.0058	.319	.00100	.00024
%RSD	.16066	.19056	.07935	.05062	2.4069	.19155	.79463	.12971	.32027

#1	176.11	.41933	.30960	.41559	7.8330	3.0048	39.863	.77357	.07456
#2	175.71	.42046	.30994	.41530	7.5709	3.0130	40.314	.77499	.07490

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	16.035	.32381	1.1074	12.782	.43883	.52343	173.70	8.4941	.73909
Stddev	.051	.00096	.0229	.026	.00049	.00993	.11	.0405	.00116
%RSD	.31879	.29622	2.0684	.20193	.11266	1.8971	.06123	.47647	.15715

#1	16.071	.32313	1.1236	12.800	.43848	.53045	173.78	8.5227	.73827
#2	15.999	.32448	1.0912	12.764	.43918	.51641	173.63	8.4655	.73991

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.22188	.43004	5.729	1.1245
Stddev	.00234	.00425	.001	.0049
%RSD	1.0551	.98875	.0226	.43694

#1	.22022	.43305	5.730	1.1280
#2	.22354	.42704	5.728	1.1210

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4717.9	65660.	4684.1	92.482	3931.4
Stddev	21.0	77.	17.0	2.321	11.3
%RSD	.44561	.11800	.36292	2.5092	.28782

#1	4703.0	65715.	4672.1	90.841	3923.4
#2	4732.7	65605.	4696.1	94.123	3939.4

Sample Name: I4544-02A Acquired: 8/3/2017 18:53:51 Type: Unk
Method: P4-ICP2(v2124) 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	.77020	1.9028	1.0401	1.6490	.78373	14.359	.44044	.20406	.20035
Stddev	.00526	.0040	.0015	.0086	.00254	.084	.00053	.00043	.00035
%RSD	.68272	.21083	.14679	.52148	.32403	.58195	.11982	.21065	.17436

#1	.77392	1.9057	1.0411	1.6551	.78552	14.300	.44007	.20436	.20059
#2	.76648	1.9000	1.0390	1.6429	.78193	14.418	.44081	.20376	.20010

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	164.92	.42429	.29623	.39892	7.4868	2.8461	37.556	.74760	.07219
Stddev	.47	.00075	.00099	.00218	.2527	.0044	.195	.00255	.00013
%RSD	.28728	.17663	.33398	.54703	3.3747	.15575	.51802	.34164	.17351

#1	164.58	.42482	.29693	.40047	7.3082	2.8492	37.419	.74941	.07228
#2	165.25	.42376	.29553	.39738	7.6655	2.8429	37.694	.74580	.07210

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	15.145	.31423	1.0430	12.248	.42067	.50370	161.27	7.8662	.70537
Stddev	.014	.00164	.0342	.003	.00275	.00377	.41	.0159	.00191
%RSD	.08911	.52137	3.2816	.02326	.65398	.74848	.25462	.20283	.27073

#1	15.135	.31539	1.0188	12.250	.42262	.50637	161.56	7.8775	.70672
#2	15.154	.31307	1.0672	12.246	.41872	.50103	160.98	7.8549	.70402

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.21227	.40687	5.491	1.0589
Stddev	.00483	.00575	.018	.0017
%RSD	2.2760	1.4128	.3297	.15601

#1	.20886	.40280	5.504	1.0578
#2	.21569	.41093	5.478	1.0601

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4732.2	65612.	4726.3	92.398	3956.4
Stddev	24.5	129.	8.3	3.052	9.0
%RSD	.51741	.19736	.17651	3.3030	.22816

#1	4714.9	65520.	4720.4	94.556	3950.0
#2	4749.5	65704.	4732.2	90.240	3962.7

Sample Name: I4555-02 Acquired: 8/3/2017 18:57:48 Type: Unk
 Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04812	-.00231	.04547	.00637	.01023	2.4974	.04765	-.00020
Stddev	.00066	.00087	.00059	.00029	.00095	.0019	.00022	.00001
%RSD	1.3799	37.650	1.3022	4.5035	9.2750	.07584	.47047	5.9782

#1	.04859	-.00293	.04506	.00617	.00956	2.4987	.04781	-.00020
#2	.04765	-.00170	.04589	.00657	.01090	2.4960	.04750	-.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	11.482	.20304	-.00108	.01997	2.0598	.14528	2.3191
Stddev	.00001	.017	.00104	.00018	.00001	.0481	.00048	.0327
%RSD	3.5443	.14872	.51441	16.904	.07387	2.3337	.33275	1.4110

#1	.00031	11.470	.20378	-.00121	.01996	2.0258	.14562	2.2960
#2	.00032	11.494	.20231	-.00095	.01998	2.0938	.14494	2.3422

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02082	.00028	359.86	.11798	.04012	10.012	.00982	.17379
Stddev	.00019	.00006	2.19	.00072	.00032	.062	.00010	.00079
%RSD	.93137	23.090	.60903	.61097	.78780	.61734	1.0350	.45637

#1	.02069	.00023	361.41	.11849	.03989	10.056	.00974	.17435
#2	.02096	.00032	358.32	.11747	.04034	9.9682	.00989	.17323

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	15.921	F 111.31	.00104	.06197	.01327	1.503	.07544	
Stddev	.009	1.03	.00023	.00201	.00023	.002	.00016	
%RSD	.05454	.92897	22.186	3.2459	1.7692	.1544	.21327	

#1	15.915	112.04	.00088	.06054	.01344	1.501	.07556	
#2	15.927	110.58	.00121	.06339	.01310	1.505	.07533	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4639.0	63544.	4635.8	95.377	3909.4			
Stddev	4.2	356.	38.0	.319	3.9			
%RSD	.09012	.56026	.82011	.33475	.09983			

#1	4636.1	63292.	4609.0	95.602	3906.7			
#2	4642.0	63796.	4662.7	95.151	3912.2			

Sample Name: I4555-08 Acquired: 8/3/2017 19:02:08 Type: Unk
 Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: 2013 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	-.00150	.14301	.00182	.00013	.27882	.29130	-.00012
Stddev	.00043	.00116	.00099	.00110	.00129	.00290	.00126	.00003
%RSD	68.516	76.937	.69565	60.781	995.79	1.0388	.43136	24.404

#1	-.00032	-.00232	.14231	.00260	-.00078	.27677	.29041	-.00014
#2	-.00093	-.00069	.14371	.00104	.00104	.28087	.29219	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00145	8.2759	.00123	.00392	.03343	.06861	.15944	1.4822
Stddev	.00000	.0783	.00012	.00000	.00012	.00265	.00009	.0174
%RSD	.05283	.94551	9.4133	.09416	.36378	3.8652	.05513	1.1719

#1	.00145	8.2206	.00115	.00392	.03334	.07049	.15950	1.4700
#2	.00145	8.3313	.00131	.00392	.03351	.06674	.15937	1.4945

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00985	.00004	328.52	.00055	.53710	.64762	-.00036	.02701
Stddev	.00016	.00026	.07	.00003	.00887	.00326	.00010	.00084
%RSD	1.6060	626.02	.02022	4.7009	1.6510	.50410	26.830	3.1268

#1	.00996	.00022	328.47	.00053	.54337	.64531	-.00042	.02641
#2	.00974	-.00014	328.56	.00056	.53083	.64993	-.00029	.02761

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.47922	.91985	.00060	.00585	.00325	.0399	.04142	
Stddev	.00229	.00226	.00013	.00102	.00071	.0017	.00004	
%RSD	.47789	.24605	21.314	17.399	21.832	4.205	.10542	

#1	.47760	.91825	.00051	.00657	.00275	.0411	.04139	
#2	.48083	.92145	.00069	.00513	.00375	.0387	.04145	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4641.1	64418.	4630.3	94.221	3898.6			
Stddev	7.7	251.	10.7	1.976	4.9			
%RSD	.16668	.38953	.23062	2.0971	.12532			

#1	4635.6	64595.	4637.8	92.824	3895.1			
#2	4646.6	64240.	4622.7	95.619	3902.0			

Sample Name: I4555-13 Acquired: 8/3/2017 19:06:26 Type: Unk
Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: 2043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00314	-.00181	.17915	.00264	-.00131	.26016	.61836	-.00016
Stddev	.00150	.00030	.00173	.00064	.00020	.00354	.00105	.00001
%RSD	47.859	16.394	.96290	24.348	15.547	1.3611	.17006	6.4649

#1	-.00207	-.00202	.18037	.00219	-.00146	.25765	.61761	-.00015
#2	-.00420	-.00160	.17793	.00310	-.00117	.26266	.61910	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	7.2335	.00114	.00271	.02693	.15535	.10118	.73905
Stddev	.00005	.0151	.00021	.00012	.00056	.00725	.00015	.03513
%RSD	5.9919	.20872	18.759	4.3927	2.0709	4.6683	.14639	4.7540

#1	.00084	7.2228	.00129	.00279	.02732	.15022	.10129	.76389
#2	.00092	7.2442	.00099	.00262	.02653	.16047	.10108	.71421

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01414	.00001	354.64	-.00005	1.0664	.47777	-.00044	.00514
Stddev	.00023	.00002	2.23	.00035	.0153	.02745	.00028	.00597
%RSD	1.6304	210.12	.62857	737.12	1.4358	5.7455	65.175	116.04

#1	.01430	-.00001	353.06	-.00030	1.0555	.45836	-.00064	.00092
#2	.01397	.00003	356.22	.00020	1.0772	.49718	-.00023	.00936

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.45723	.79995	.00059	.00765	.00336	.0079	.04620	
Stddev	.00120	.00226	.00048	.00068	.00085	.0006	.00032	
%RSD	.26253	.28212	80.702	8.9426	25.214	7.929	.69678	

#1	.45808	.79836	.00025	.00716	.00396	.0074	.04597	
#2	.45639	.80155	.00093	.00813	.00276	.0083	.04643	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4642.9	64148.	4627.4	94.575	3892.2			
Stddev	9.4	358.	28.8	1.223	10.8			
%RSD	.20173	.55817	.62286	1.2929	.27653			

#1	4636.3	63895.	4647.8	95.440	3884.6			
#2	4649.5	64401.	4607.0	93.711	3899.8			

Sample Name: CCV10 Acquired: 8/3/2017 19:10:42 Type: Unk
Method: P4-ICP2(v2124) 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	4.8484	4.8442	4.7419	4.9238	4.8988	10.218	9.9652	.24754	2.4296
Stddev	.0043	.0074	.0032	.0090	.0009	.028	.0449	.00068	.0004
%RSD	.08903	.15277	.06856	.18192	.01840	.27029	.45061	.27295	.01705

#1	4.8515	4.8494	4.7442	4.9175	4.8995	10.198	9.9335	.24706	2.4298
#2	4.8454	4.8390	4.7396	4.9301	4.8982	10.237	9.9970	.24801	2.4293

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.988	.97684	2.4180	1.2279	4.8433	2.5228	24.482	2.4409	1.1994
Stddev	.163	.00781	.0035	.0017	.0132	.0101	.307	.0017	.0090
%RSD	.65214	.80002	.14379	.13817	.27195	.40236	1.2555	.07004	.74837

#1	24.873	.97131	2.4204	1.2291	4.8526	2.5157	24.265	2.4421	1.1930
#2	25.103	.98237	2.4155	1.2267	4.8340	2.5300	24.699	2.4397	1.2057

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	24.430	2.4657	2.4860	25.353	4.8794	5.1019	4.9074	5.2548	4.8316
Stddev	.204	.0154	.0091	.242	.0027	.0556	.0012	.0647	.0013
%RSD	.83599	.62454	.36627	.95414	.05553	1.0907	.02489	1.2304	.02703

#1	24.285	2.4548	2.4796	25.182	4.8775	5.0625	4.9083	5.2091	4.8325
#2	24.574	2.4766	2.4925	25.524	4.8813	5.1412	4.9065	5.3006	4.8306

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.9316	5.0691	5.171	4.9426
Stddev	.0373	.0490	.003	.0534
%RSD	.75708	.96571	.0586	1.0805

#1	4.9052	5.0345	5.169	4.9048
#2	4.9580	5.1038	5.173	4.9803

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4670.1	64090.	4633.9	91.287	3760.5
Stddev	5.5	196.	41.5	.183	7.5
%RSD	.11726	.30521	.89578	.20048	.19959

#1	4666.3	64228.	4663.3	91.417	3755.2
#2	4674.0	63951.	4604.6	91.158	3765.8

Sample Name: LLCCV03 Acquired: 8/3/2017 19:14:49 Type: Unk
Method: P4-ICP2(v2124) 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	.02026	.03747	.01138	.01925	.04793	.11219	.10024	.00607	.00582
Stddev	.00231	.00117	.00034	.00205	.00017	.01676	.00022	.00000	.00004
%RSD	11.375	3.1264	2.9890	10.660	.36276	14.938	.21733	.04310	.60250

#1	.02189	.03664	.01114	.02070	.04780	.10034	.10039	.00608	.00580
#2	.01863	.03830	.01162	.01780	.04805	.12404	.10008	.00607	.00585

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9613	.00992	.02837	.02151	.09486	.02122	1.9728	.03853	.00953
Stddev	.0213	.00011	.00002	.00004	.00931	.00009	.0428	.00013	.00044
%RSD	1.0880	1.0634	.08531	.16369	9.8179	.41359	2.1690	.33141	4.5898

#1	1.9764	.00999	.02835	.02154	.10145	.02128	2.0031	.03862	.00984
#2	1.9462	.00984	.02838	.02149	.08828	.02116	1.9426	.03844	.00922

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	1.9454	.03794	.03966	2.0152	.20763	.10783	.02130	.37643	.03968
Stddev	.0050	.00022	.00010	.0078	.00083	.00457	.00078	.00053	.00072
%RSD	.25544	.57062	.24794	.38542	.40105	4.2409	3.6523	.14133	1.8265

#1	1.9489	.03779	.03959	2.0097	.20822	.10460	.02075	.37681	.04020
#2	1.9419	.03810	.03973	2.0206	.20704	.11107	.02185	.37606	.03917

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.04327	.01729	.0201	.02035
Stddev	.00128	.00010	.0012	.00002
%RSD	2.9568	.55871	6.120	.09402

#1	.04236	.01722	.0192	.02037
#2	.04417	.01736	.0209	.02034

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4750.7	63504.	4625.8	94.454	3967.0
Stddev	6.4	394.	.4	.333	4.8
%RSD	.13520	.62098	.00968	.35219	.11980

#1	4746.2	63226.	4626.1	94.689	3970.4
#2	4755.3	63783.	4625.4	94.219	3963.7

Sample Name: CCB10 Acquired: 8/3/2017 19:19:01 Type: Unk

Method: P4-ICP2(v2124) 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	.00030	.00047	-.00085	-.00021	-.00069	.01260	.00053	.00000
Stddev	.00037	.00096	.00070	.00046	.00077	.01105	.00079	.00003
%RSD	124.66	203.55	82.133	224.29	111.42	87.684	148.08	874.49

#1	.00056	-.00021	-.00135	-.00053	-.00124	.02041	-.00003	.00003
#2	.00004	.00115	-.00036	.00012	-.00015	.00479	.00109	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.01605	.00020	-.00007	.00036	.00163	.00017	.01671
Stddev	.00003	.00679	.00027	.00004	.00031	.00889	.00007	.01559
%RSD	36.942	42.338	137.29	59.345	84.798	546.42	39.970	93.317

#1	-.00011	.01124	.00039	-.00010	.00014	.00792	.00021	.00568
#2	-.00006	.02085	.00001	-.00004	.00058	-.00466	.00012	.02773

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	.00014	-.02146	-.00063	-.00022	.05786	.00036	.00409
Stddev	.00020	.00017	.00090	.00053	.00000	.04054	.00036	.00333
%RSD	65.265	125.86	4.1815	84.116	1.4901	70.072	102.10	81.415

#1	-.00045	.00026	-.02083	-.00101	-.00022	.08653	.00061	.00644
#2	-.00017	.00002	-.02210	-.00026	-.00023	.02919	.00010	.00173

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00275	.00237	.00005	.00320	-.00437	.0003	-.00004	
Stddev	.00029	.00053	.00051	.00061	.00070	.0003	.00003	
%RSD	10.377	22.123	1017.5	19.176	16.058	89.33	68.168	

#1	.00255	.00275	.00041	.00276	-.00487	.0001	-.00002	
#2	.00295	.00200	-.00031	.00363	-.00388	.0006	-.00006	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4761.2	63296.	4651.2	92.552	3931.7			
Stddev	2.2	100.	8.2	.990	7.8			
%RSD	.04548	.15789	.17622	1.0696	.19890			

#1	4759.7	63367.	4657.0	93.252	3926.2			
#2	4762.8	63225.	4645.4	91.852	3937.2			

Sample Name: I4584-03 Acquired: 8/3/2017 19:23:15 Type: Unk
Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: OK-01-080217 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00150	.01757	-.00142	-.00176	.17229	.08130	-.00015
Stddev	.00197	.00141	.00123	.00049	.00028	.00636	.00061	.00002
%RSD	1626.6	94.086	6.9972	34.535	15.711	3.6915	.75101	11.920

#1	.00127	-.00050	.01670	-.00108	-.00157	.16780	.08173	-.00016
#2	-.00151	-.00249	.01844	-.00177	-.00196	.17679	.08087	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	26.364	.00052	.00340	.00379	.59768	.67443	1.3061
Stddev	.00000	.006	.00034	.00007	.00049	.01968	.00715	.0037
%RSD	3.9386	.02167	66.134	2.1055	12.972	3.2925	1.0603	.28513

#1	-.00005	26.368	.00077	.00345	.00413	.58376	.67949	1.3087
#2	-.00005	26.360	.00028	.00335	.00344	.61159	.66937	1.3034

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	.00021	331.19	-.00047	.01863	.74404	-.00025	.01120
Stddev	.00004	.00055	.34	.00023	.00036	.00616	.00013	.00538
%RSD	1.5616	260.21	.10356	48.534	1.9284	.82777	51.515	48.076

#1	.00240	-.00018	331.44	-.00031	.01838	.74840	-.00016	.01501
#2	.00234	.00060	330.95	-.00063	.01889	.73969	-.00034	.00739

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.32339	1.7262	.00052	.00128	-.00114	.0034	.07623	
Stddev	.00074	.0027	.00047	.00016	.00203	.0004	.00004	
%RSD	.22791	.15619	90.704	12.565	178.81	10.55	.05203	

#1	.32287	1.7281	.00085	.00139	.00030	.0036	.07620	
#2	.32391	1.7243	.00019	.00116	-.00257	.0031	.07626	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4661.7	65075.	4619.8	94.922	3893.1			
Stddev	2.9	780.	5.9	1.698	.9			
%RSD	.06157	1.1993	.12854	1.7883	.02386			

#1	4659.7	64523.	4624.0	96.123	3892.4			
#2	4663.7	65627.	4615.6	93.722	3893.7			

Sample Name: I4585-03 Acquired: 8/3/2017 19:27:34 Type: Unk
Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: OR-01-080217 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	-.00148	.02373	-.00713	-.00255	.04961	.11273	-.00006
Stddev	.00066	.00025	.00009	.00157	.00046	.00551	.00032	.00006
%RSD	49.311	17.019	.36588	22.066	18.177	11.098	.28292	103.61

#1	.00180	-.00166	.02379	-.00824	-.00288	.04572	.11295	-.00001
#2	.00087	-.00130	.02367	-.00602	-.00222	.05351	.11250	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	94.535	-.00022	.00333	.00213	.09735	.71917	2.5014
Stddev	.00009	.162	.00004	.00015	.00001	.00559	.00806	.0583
%RSD	145.98	.17185	17.644	4.5699	.41620	5.7427	1.1211	2.3296

#1	.00000	94.650	-.00025	.00322	.00214	.09340	.72487	2.4602
#2	.00012	94.420	-.00020	.00344	.00212	.10130	.71347	2.5426

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00361	-.00019	307.25	-.00041	.06641	1.9121	-.00045	.01053
Stddev	.00020	.00003	.37	.00011	.00040	.0138	.00004	.00089
%RSD	5.4122	14.255	.12131	26.378	.60895	.72115	8.6683	8.4830

#1	.00347	-.00021	306.99	-.00033	.06670	1.9219	-.00042	.00990
#2	.00375	-.00017	307.52	-.00049	.06613	1.9024	-.00048	.01117

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.46807	1.3184	.00061	.00097	.00262	.0041	.18090	
Stddev	.00171	.0217	.00063	.00080	.00021	.0003	.00029	
%RSD	.36594	1.6481	102.99	82.837	8.1602	6.995	.16256	

#1	.46686	1.3338	.00017	.00040	.00277	.0043	.18110	
#2	.46928	1.3030	.00106	.00153	.00247	.0039	.18069	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4659.2	64166.	4672.9	93.641	3909.2			
Stddev	8.4	841.	37.5	.658	15.2			
%RSD	.17969	1.3104	.80175	.70221	.38936			

#1	4653.3	63572.	4646.4	93.176	3898.4			
#2	4665.1	64761.	4699.4	94.106	3920.0			

Sample Name: I4585-03DUP Acquired: 8/3/2017 19:31:53 Type: Unk
Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: OR-01-080217 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	-.00143	.02377	-.00678	-.00255	.05586	.11362	-.00006
Stddev	.00063	.00062	.00089	.00078	.00047	.00618	.00028	.00002
%RSD	167.07	43.282	3.7369	11.577	18.282	11.056	.24485	37.017

#1	-.00083	-.00099	.02315	-.00622	-.00222	.06022	.11382	-.00004
#2	.00007	-.00187	.02440	-.00733	-.00288	.05149	.11342	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	94.751	.00005	.00348	.00237	.09242	.70828	2.4811
Stddev	.00010	.280	.00002	.00014	.00015	.00492	.00733	.0134
%RSD	88.606	.29564	53.808	4.1403	6.4619	5.3213	1.0350	.53997

#1	.00004	94.949	.00006	.00337	.00226	.08895	.71347	2.4716
#2	.00018	94.553	.00003	.00358	.00248	.09590	.70310	2.4905

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00355	.00013	306.56	-.00062	.06575	1.9516	-.00037	.00739
Stddev	.00045	.00002	.14	.00064	.00139	.0122	.00029	.00104
%RSD	12.682	12.671	.04604	103.27	2.1204	.62644	79.099	14.051

#1	.00387	.00011	306.65	-.00017	.06476	1.9429	-.00058	.00813
#2	.00323	.00014	306.46	-.00108	.06673	1.9602	-.00016	.00666

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.46717	1.3257	-.00015	.00141	.00465	.0034	.18146	
Stddev	.00136	.0076	.00030	.00131	.00149	.0009	.00003	
%RSD	.29063	.57677	205.76	92.823	31.975	26.34	.01925	

#1	.46813	1.3311	.00007	.00233	.00359	.0028	.18149	
#2	.46621	1.3203	-.00036	.00048	.00570	.0041	.18144	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4647.7	64871.	4660.5	94.467	3901.9			
Stddev	19.3	557.	9.9	2.096	7.7			
%RSD	.41528	.85939	.21262	2.2192	.19739			

#1	4634.1	64476.	4653.5	95.950	3896.5			
#2	4661.3	65265.	4667.5	92.985	3907.4			

Sample Name: I4585-03LX5 Acquired: 8/3/2017 19:36:10 Type: Unk
Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: OR-01-080217 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00033	.00437	-.00152	-.00179	.00934	.02408	-.00002
Stddev	.00091	.00033	.00006	.00303	.00063	.00871	.00035	.00005
%RSD	1939.2	100.06	1.3232	198.82	35.208	93.213	1.4624	281.23

#1	.00069	-.00010	.00442	-.00366	-.00134	.00318	.02383	-.00005
#2	-.00060	-.00057	.00433	.00062	-.00223	.01550	.02433	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	19.539	-.00032	.00061	.00062	.01220	.15106	.55353
Stddev	.00000	.028	.00051	.00007	.00020	.00224	.00021	.02701
%RSD	2.3318	.14340	160.75	11.405	32.138	18.373	.14034	4.8788

#1	-.00009	19.519	-.00068	.00056	.00076	.01379	.15121	.53444
#2	-.00009	19.559	.00004	.00066	.00048	.01062	.15091	.57263

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	.00011	64.321	-.00038	.01396	.42646	-.00050	.00111
Stddev	.00030	.00031	.004	.00047	.00020	.00142	.00005	.00147
%RSD	84.857	274.90	.00667	123.04	1.4009	.33251	10.582	132.18

#1	.00014	-.00011	64.318	-.00071	.01382	.42546	-.00053	.00215
#2	.00057	.00034	64.324	-.00005	.01410	.42747	-.00046	.00007

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.09752	.27779	-.00070	.00193	-.00138	.0023	.03699	
Stddev	.00255	.00083	.00002	.00048	.00103	.0004	.00014	
%RSD	2.6134	.29914	3.1369	24.845	74.952	17.02	.36763	

#1	.09932	.27720	-.00068	.00227	-.00211	.0025	.03708	
#2	.09572	.27838	-.00071	.00159	-.00065	.0020	.03689	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4725.5	64283.	4673.8	95.371	4075.8			
Stddev	16.3	416.	14.2	1.241	10.5			
%RSD	.34478	.64748	.30402	1.3013	.25750			

#1	4714.0	63989.	4683.8	96.249	4068.4			
#2	4737.1	64577.	4663.7	94.494	4083.2			

Sample Name: I4585-03MS Acquired: 8/3/2017 19:40:23 Type: Unk
Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: OR-01-080217 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	.81971	1.8786	.97880	1.8217	.78495	2.2106	.34419	.20293	.19577
Stddev	.00205	.0027	.00374	.0053	.00119	.0321	.00084	.00103	.00021
%RSD	.25045	.14544	.38212	.28999	.15136	1.4511	.24269	.50673	.10681

#1	.81826	1.8767	.97616	1.8255	.78579	2.2332	.34360	.20366	.19563
#2	.82116	1.8806	.98145	1.8180	.78411	2.1879	.34478	.20220	.19592

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	107.53	.41257	.20379	.31507	3.1320	.99963	4.9368	.50033	.07673
Stddev	.38	.00095	.00024	.00017	.0958	.00276	.0229	.00083	.00083
%RSD	.35803	.23128	.11814	.05330	3.0601	.27658	.46469	.16551	1.0793

#1	107.26	.41324	.20362	.31519	3.0642	1.0016	4.9206	.49974	.07732
#2	107.80	.41189	.20396	.31495	3.1998	.99768	4.9530	.50091	.07615

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	340.55	.32053	.27520	13.272	.42607	.32304	.50725	2.4301	.69427
Stddev	1.84	.00111	.00710	.011	.00009	.00704	.00123	.0035	.00087
%RSD	.53928	.34525	2.5790	.08389	.02109	2.1778	.24215	.14337	.12528

#1	341.84	.32131	.27018	13.280	.42614	.31806	.50638	2.4277	.69366
#2	339.25	.31974	.28022	13.264	.42601	.32801	.50811	2.4326	.69489

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.21566	.21929	5.788	.40339
Stddev	.00133	.00447	.004	.00088
%RSD	.61581	2.0364	.0760	.21846

#1	.21472	.21613	5.785	.40277
#2	.21660	.22245	5.791	.40401

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4567.0	64167.	4527.3	93.016	3836.9
Stddev	13.9	386.	3.7	2.269	9.3
%RSD	.30519	.60190	.08169	2.4389	.24143

#1	4557.2	63894.	4529.9	94.621	3830.4
#2	4576.9	64440.	4524.6	91.412	3843.5

Sample Name: I4585-03MSD Acquired: 8/3/2017 19:44:28 Type: Unk
Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: OR-01-080217 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	.81372	1.8831	.97776	1.8190	.78107	2.2146	.34490	.20475	.19556
Stddev	.00605	.0070	.00497	.0013	.00503	.0124	.00084	.00031	.00009
%RSD	.74342	.37340	.50871	.06861	.64434	.55774	.24346	.15373	.04501

#1	.81800	1.8880	.98128	1.8181	.78463	2.2234	.34550	.20497	.19550
#2	.80944	1.8781	.97424	1.8198	.77751	2.2059	.34431	.20452	.19562

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	107.71	.41570	.20417	.31409	3.2626	1.0055	5.0367	.50087	.07655
Stddev	.28	.00114	.00010	.00059	.0751	.0003	.0616	.00156	.00053
%RSD	.25995	.27502	.04915	.18807	2.3024	.02884	1.2239	.31222	.69133

#1	107.51	.41489	.20424	.31367	3.3157	1.0057	4.9931	.49976	.07692
#2	107.90	.41650	.20410	.31450	3.2095	1.0053	5.0803	.50197	.07618

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	337.54	.32165	.28629	13.278	.42536	.32879	.50420	2.4589	.69747
Stddev	.99	.00074	.00690	.022	.00101	.00068	.00218	.0188	.00072
%RSD	.29427	.22940	2.4105	.16848	.23859	.20747	.43228	.76504	.10379

#1	338.24	.32217	.29117	13.262	.42608	.32928	.50574	2.4456	.69696
#2	336.84	.32112	.28141	13.293	.42464	.32831	.50265	2.4722	.69798

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.21531	.22123	5.786	.40284
Stddev	.00011	.00207	.005	.00079
%RSD	.05222	.93769	.0828	.19588

#1	.21539	.22270	5.789	.40229
#2	.21523	.21976	5.782	.40340

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4588.8	63956.	4497.9	89.455	3842.0
Stddev	11.0	68.	14.8	2.130	9.9
%RSD	.24059	.10676	.32895	2.3810	.25661

#1	4581.0	63908.	4508.4	87.949	3835.1
#2	4596.6	64005.	4487.5	90.961	3849.0

Sample Name: I4585-03A Acquired: 8/3/2017 19:48:32 Type: Unk
Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: OR-01-080217 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	.80626	1.8467	.95842	1.8274	.77322	2.1561	.33134	.20109	.19089
Stddev	.00463	.0010	.00086	.0027	.00500	.0089	.00333	.00108	.00003
%RSD	.57452	.05326	.08947	.14865	.64655	.41455	1.0058	.53725	.01337

#1	.80953	1.8474	.95903	1.8293	.76969	2.1498	.33370	.20186	.19091
#2	.80298	1.8460	.95781	1.8255	.77676	2.1624	.32898	.20033	.19088

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	101.36	.40313	.19849	.30962	3.0570	.95431	4.6858	.48732	.07488
Stddev	.03	.00041	.00002	.00065	.0317	.00106	.0306	.00049	.00027
%RSD	.02589	.10255	.01134	.21008	1.0367	.11096	.65332	.10157	.36014

#1	101.34	.40284	.19850	.31008	3.0346	.95506	4.6642	.48697	.07507
#2	101.38	.40342	.19847	.30916	3.0794	.95357	4.7075	.48767	.07468

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	322.17	.31203	.27092	12.811	.41864	.30997	.48806	2.3934	.68928
Stddev	2.08	.00061	.00385	.084	.00196	.00119	.00053	.0108	.00337
%RSD	.64412	.19485	1.4200	.65748	.46933	.38470	.10957	.45182	.48829

#1	323.63	.31246	.26820	12.871	.41725	.31082	.48768	2.3857	.68690
#2	320.70	.31160	.27364	12.752	.42003	.30913	.48844	2.4010	.69166

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.20856	.20891	5.705	.38501
Stddev	.00258	.00102	.012	.00073
%RSD	1.2352	.48969	.2022	.18877

#1	.20674	.20819	5.713	.38552
#2	.21038	.20964	5.697	.38449

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4602.3	64392.	4561.3	92.598	3872.1
Stddev	7.3	375.	14.1	1.479	2.6
%RSD	.15799	.58234	.31006	1.5974	.06716

#1	4597.2	64127.	4551.3	93.644	3870.3
#2	4607.5	64657.	4571.3	91.552	3874.0

Sample Name: I4586-03 Acquired: 8/3/2017 19:52:37 Type: Unk
Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: HARDWICK-SOI 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	-.00303	.01074	-.00261	-.00224	.11950	.11249	-.00020
Stddev	.00018	.00051	.00018	.00152	.00033	.01217	.00092	.00003
%RSD	15.285	16.696	1.6909	58.130	14.591	10.187	.82217	15.695

#1	.00104	-.00339	.01087	-.00154	-.00201	.11089	.11315	-.00018
#2	.00130	-.00267	.01062	-.00368	-.00247	.12810	.11184	-.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	41.411	.00093	-.00057	.01469	.15902	.18071	7.6105
Stddev	.00007	.171	.00037	.00025	.00081	.00392	.00198	.0588
%RSD	112.50	.41404	40.005	43.767	5.5170	2.4665	1.0935	.77308

#1	-.00011	41.290	.00120	-.00074	.01526	.15625	.17931	7.5689
#2	-.00001	41.533	.00067	-.00039	.01411	.16180	.18211	7.6521

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.00020	312.04	.00030	.07121	3.6895	-.00029	.06912
Stddev	.00003	.00010	.17	.00010	.00167	.0066	.00020	.00224
%RSD	11.134	52.240	.05396	33.829	2.3415	.17993	67.058	3.2417

#1	.00028	.00027	311.92	.00037	.07003	3.6942	-.00015	.06753
#2	.00024	.00012	312.15	.00023	.07238	3.6848	-.00043	.07070

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.31836	.47329	.00059	.00427	.00518	3.197	.14204	
Stddev	.00120	.00189	.00027	.00112	.00071	.004	.00010	
%RSD	.37643	.40002	45.661	26.280	13.631	.1098	.07103	

#1	.31920	.47195	.00078	.00506	.00468	3.199	.14211	
#2	.31751	.47463	.00040	.00347	.00568	3.194	.14197	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4602.6	64296.	4575.0	92.704	3868.7			
Stddev	1.1	324.	16.3	2.169	.2			
%RSD	.02334	.50359	.35643	2.3397	.00527			

#1	4601.9	64524.	4563.5	94.238	3868.9			
#2	4603.4	64067.	4586.6	91.170	3868.6			

Sample Name: I4591-03 Acquired: 8/3/2017 19:56:56 Type: Unk
Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: DRUM-1-2-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00312	-.00238	.01417	-.00359	-.00281	.02545	.16061	-.00003
Stddev	.00044	.00031	.00154	.00063	.00155	.00358	.00011	.00002
%RSD	14.168	13.163	10.885	17.445	55.018	14.063	.06540	55.485

#1	-.00281	-.00216	.01308	-.00403	-.00391	.02292	.16068	-.00002
#2	-.00344	-.00260	.01526	-.00315	-.00172	.02798	.16053	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	64.772	-.00001	.00146	.00403	2.2011	1.5356	9.4556
Stddev	.00000	.210	.00013	.00021	.00015	.0861	.0033	.1367
%RSD	7.6773	.32423	1894.0	14.655	3.6291	3.9123	.21273	1.4455

#1	-.00001	64.623	-.00010	.00161	.00392	2.1402	1.5333	9.3589
#2	-.00002	64.920	.00008	.00131	.00413	2.2620	1.5379	9.5522

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00637	.00041	356.67	-.00026	.06104	1.1475	-.00012	.01106
Stddev	.00033	.00003	1.12	.00023	.00242	.0161	.00027	.00594
%RSD	5.1345	7.2522	.31411	88.863	3.9632	1.4023	226.41	53.698

#1	.00660	.00043	357.47	-.00010	.05933	1.1362	-.00031	.00686
#2	.00613	.00039	355.88	-.00042	.06275	1.1589	.00007	.01525

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.58930	.39176	.00052	.00116	.00628	.0035	.15460	
Stddev	.00004	.00486	.00063	.00056	.00132	.0010	.00022	
%RSD	.00726	1.2399	122.07	48.255	21.054	27.84	.14311	

#1	.58933	.38832	.00096	.00077	.00534	.0028	.15444	
#2	.58927	.39519	.00007	.00156	.00721	.0042	.15475	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4553.4	64005.	4574.0	91.480	3806.4			
Stddev	15.6	177.	16.5	3.231	11.4			
%RSD	.34196	.27635	.36111	3.5314	.29931			

#1	4542.4	64131.	4585.7	93.764	3798.3			
#2	4564.4	63880.	4562.3	89.196	3814.4			

Sample Name: I4591-07 Acquired: 8/3/2017 20:01:14 Type: Unk
Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: GRAVEL-PILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00314	-.00238	.02336	.00090	-.00052	.08299	.15299	-.00011
Stddev	.00120	.00008	.00057	.00190	.00136	.00550	.00055	.00000
%RSD	38.226	3.5333	2.4396	211.11	260.88	6.6331	.36223	1.8202

#1	-.00399	-.00232	.02376	.00225	.00044	.07910	.15338	-.00011
#2	-.00229	-.00244	.02295	-.00044	-.00148	.08688	.15260	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	15.563	.00130	.00409	.01155	.02296	.33967	3.1963
Stddev	.00005	.064	.00031	.00004	.00010	.00222	.00012	.0148
%RSD	10.890	.41387	23.663	.91975	.84309	9.6748	.03633	.46210

#1	.00048	15.518	.00152	.00411	.01148	.02139	.33958	3.1859
#2	.00041	15.609	.00108	.00406	.01161	.02453	.33976	3.2068

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00660	-.00014	330.58	-.00003	.26862	2.4703	-.00021	.01840
Stddev	.00020	.00040	.26	.00005	.00013	.0069	.00003	.00134
%RSD	3.0858	289.91	.07740	161.49	.04685	.28032	14.936	7.3089

#1	.00645	.00014	330.40	.00000	.26853	2.4654	-.00024	.01745
#2	.00674	-.00042	330.77	-.00007	.26871	2.4752	-.00019	.01935

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.53492	1.2852	.00052	.00221	.00814	.0140	.08845	
Stddev	.00278	.0076	.00016	.00164	.00186	.0010	.00028	
%RSD	.52032	.59219	31.700	74.368	22.857	6.913	.31124	

#1	.53295	1.2798	.00063	.00105	.00683	.0133	.08826	
#2	.53688	1.2906	.00040	.00337	.00946	.0147	.08865	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4550.0	63516.	4536.0	92.288	3853.2			
Stddev	6.1	237.	.0	.077	1.4			
%RSD	.13511	.37246	.00052	.08300	.03636			

#1	4545.7	63349.	4536.1	92.342	3854.2			
#2	4554.4	63683.	4536.0	92.234	3852.2			

Sample Name: CCV11 Acquired: 8/3/2017 20:05:32 Type: Unk
Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV11 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	4.8393	4.7270	4.7479	4.8530	4.8642	10.022	9.8808	.24657	2.3963
Stddev	.0082	.0042	.0152	.0106	.0056	.019	.1452	.00008	.0040
%RSD	.17029	.08870	.32051	.21917	.11577	.18503	1.4699	.03227	.16486

#1	4.8335	4.7240	4.7372	4.8455	4.8602	10.036	9.9835	.24663	2.3935
#2	4.8452	4.7299	4.7587	4.8605	4.8682	10.009	9.7781	.24651	2.3991

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.595	.96252	2.3823	1.2182	4.8126	2.5121	24.557	2.3910	1.1906
Stddev	.253	.00191	.0075	.0032	.0894	.0035	.053	.0030	.0018
%RSD	1.0285	.19868	.31661	.26438	1.8573	.13952	.21545	.12385	.15003

#1	24.774	.96388	2.3770	1.2159	4.7494	2.5145	24.594	2.3889	1.1918
#2	24.416	.96117	2.3876	1.2204	4.8758	2.5096	24.519	2.3931	1.1893

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	23.642	2.4451	2.4739	24.848	4.8737	4.9912	4.8000	5.1237	4.7658
Stddev	.164	.0044	.0266	.234	.0095	.0893	.0117	.0599	.0220
%RSD	.69335	.17817	1.0731	.94272	.19500	1.7890	.24456	1.1685	.46181

#1	23.758	2.4482	2.4551	25.014	4.8670	5.0543	4.7917	5.1660	4.7502
#2	23.527	2.4420	2.4926	24.683	4.8804	4.9280	4.8083	5.0814	4.7813

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8247	4.9685	5.044	4.8996
Stddev	.0379	.0592	.011	.0998
%RSD	.78649	1.1916	.2228	2.0363

#1	4.8516	5.0104	5.036	4.9702
#2	4.7979	4.9266	5.052	4.8291

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4639.9	63876.	4606.5	90.717	3788.4
Stddev	2.3	208.	63.3	.832	1.6
%RSD	.04855	.32523	1.3744	.91677	.04108

#1	4638.4	63729.	4561.8	91.305	3789.5
#2	4641.5	64022.	4651.3	90.129	3787.3

Sample Name: CCB11 Acquired: 8/3/2017 20:09:39 Type: Unk
Method: P4-ICP2(v2124) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00068	.00126	-.00008	-.00128	-.00111	.00285	.00186	.00003
Stddev	.00021	.00122	.00013	.00171	.00019	.00655	.00003	.00001
%RSD	30.602	96.679	166.85	133.65	17.190	229.51	1.3853	19.047

#1	-.00053	.00040	.00001	-.00249	-.00125	.00748	.00184	.00002
#2	-.00083	.00213	-.00017	-.00007	-.00098	-.00178	.00188	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00216	-.00040	-.00006	-.00006	-.00492	.00006	.05013
Stddev	.00004	.00122	.00067	.00008	.00001	.00597	.00001	.02064
%RSD	105.87	56.408	169.33	125.96	20.143	121.27	17.361	41.173

#1	-.00006	.00302	-.00087	-.00012	-.00005	-.00070	.00005	.06473
#2	-.00001	.00130	.00008	-.00001	-.00007	-.00915	.00007	.03554

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	-.00024	.06374	-.00065	-.00027	.03962	.00274	.00326
Stddev	.00007	.00017	.00344	.00031	.00013	.01278	.00069	.00388
%RSD	13.978	69.230	5.4018	48.373	46.566	32.263	25.374	119.19

#1	-.00043	-.00012	.06617	-.00043	-.00018	.03058	.00323	.00600
#2	-.00052	-.00036	.06130	-.00087	-.00036	.04866	.00225	.00051

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00057	.00073	.00056	.00441	-.00276	-.0006	-.00005	
Stddev	.00053	.00051	.00061	.00301	.00203	.0007	.00009	
%RSD	94.261	70.452	107.96	68.168	73.723	115.1	172.52	

#1	.00094	.00037	.00099	.00229	-.00420	-.0011	-.00012	
#2	.00019	.00109	.00013	.00654	-.00132	-.0001	.00001	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4705.6	62715.	4584.3	92.778	3925.4			
Stddev	8.5	359.	8.2	.899	7.2			
%RSD	.18019	.57307	.17944	.96885	.18450			

#1	4699.6	62969.	4590.1	92.142	3920.3			
#2	4711.6	62461.	4578.5	93.414	3930.5			

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2	Custom ID3
1	1	1	1	1	Unk	ICV01		ICV01		
2	2	1	2	1	Unk	LLICV01		LLICV01		
3	3	1	3	1	Unk	ICB01		ICB01		
4	4	1	4	1	Unk	CRI01		CRI01		
5	5	1	5	1	Unk	ICSA01		ICSA01		
6	6	1	6	1	Unk	ICSAB01		ICSAB01		
7	7	1	7	1	Unk	CCV01		CCV01		
8	8	1	8	1	Unk	LLCCV01		LLCCV01		
9	9	1	9	1	Unk	CCB01		CCB01		
10	10	1	10	1	Unk	I4488-15				
11	11	1	11	1	Unk	I4488-15-TAL				
12	12	1	12	1	Unk	I4488-15DUP				
13	13	1	1	2	Unk	I4488-15LX5				
14	14	1	2	2	Unk	I4488-15MS				
15	14	1	2	2	Unk	I4488-15MSD				
16	15	1	3	2	Unk	I4488-15A				
17	16	1	4	2	Unk	I4537-09DLX10				
18	17	1	5	2	Unk	I4543-04				
19	18	1	6	2	Unk	I4559-03				
20	19	1	7	2	Unk	CCV02				
21	20	1	8	2	Unk	CCB02				
22	21	1	9	2	Unk	PB101194BL				
23	22	1	10	2	Unk	PB101194BS				
24	23	1	11	2	Unk	PB101194TB				
25	24	1	12	2	Unk	PB101167BL				
26	25	1	1	3	Unk	PB101167BS				
27	26	1	2	3	Unk	PB101167TB				
28	27	1	3	3	Unk	PB101192BL				
29	28	1	4	3	Unk	PB101192BS				
30	29	1	5	3	Unk	PB101192TB				
31	30	1	6	3	Unk	I4540-01				
32	31	1	7	3	Unk	CCV03				
33	32	1	8	3	Unk	CCB03				
34	33	1	9	3	Unk	I4540-01DUP				
35	34	1	10	3	Unk	I4540-01LX5				
36	35	1	11	3	Unk	I4540-01MS				
37	35	1	11	3	Unk	I4540-01MSD				
38	37	1	1	4	Unk	I4540-05				
39	38	1	2	4	Unk	I4540-09				
40	40	1	4	4	Unk	I4566-01				
41	36	1	12	3	Unk	I4540-01A				
42	39	1	3	4	Unk	I4576-01				
43	41	1	5	4	Unk	I4573-01				
44	42	1	6	4	Unk	CCV04				
45	43	1	7	4	Unk	CCB04				
46	44	1	8	4	Unk	I4589-01				
47	45	1	9	4	Unk	I4589-01DUP				
48	46	1	10	4	Unk	I4589-01LX5				
49	47	1	11	4	Unk	I4589-01MS				
50	47	1	11	4	Unk	I4589-01MSD				
51	48	1	12	4	Unk	I4589-01A				
52	49	1	1	5	Unk	I4374-01				
53	50	1	2	5	Unk	I4374-01DUP				
54	51	1	3	5	Unk	I4374-01LX5				
55	52	1	4	5	Unk	I4374-01MS				
56	53	1	5	5	Unk	CCV05				
57	54	1	6	5	Unk	CCB05				
58	52	1	4	5	Unk	I4374-01MSD				
59	55	1	7	5	Unk	I4374-01A				

	CorrFact	Check	Check Table	Fail Action
1	1	X	ICV 200.7	---
2	1	X	LLICV CHECK	---
3	1	X	DoD LOD ICB CCB	---
4	1	X	LLICV CHECK	---
5	1	X	ICSA	---
6	1	X	ICSAB	---
7	1	X	CCV1 200.7	---
8	1	X	LLICV CHECK	---
9	1	X	DoD LOD ICB CCB	---
10	1	X	LR1	---
11	1	X	LR1	---
12	1	X	LR1	---
13	1	X	LR1	---
14	1	X	LR1	---
15	1	X	LR1	---
16	1	X	LR1	---
17	1	X	LR1	---
18	1	X	LR1	---
19	1	X	LR1	---
20	1	X	CCV	---
21	1	X	DoD LOD ICB CCB	---
22	1	X	DoD LOD ICB CCB	---
23	1	X	LCS6010	---
24	1	X	CCB1	---
25	1	X	DoD LOD ICB CCB	---
26	1	X	LCS6010	---
27	1	X	CCB1	---
28	1	X	DoD LOD ICB CCB	---
29	1	X	LCS6010	---
30	1	X	CCB1	---
31	1	X	LR1	---
32	1	X	CCV	---
33	1	X	DoD LOD ICB CCB	---
34	1	X	LR1	---
35	1	X	LR1	---
36	1	X	LR1	---
37	1	X	LR1	---
38	1	X	LR1	---
39	1	X	LR1	---
40	1	X	LR1	---
41	1	X	LR1	---
42	1	X	LR1	---
43	1	X	LR1	---
44	1	X	CCV	---
45	1	X	DoD LOD ICB CCB	---
46	1	X	LR1	---
47	1	X	LR1	---
48	1	X	LR1	---
49	1	X	LR1	---
50	1	X	LR1	---
51	1	X	LR1	---
52	1	X	LR1	---
53	1	X	LR1	---
54	1	X	LR1	---
55	1	X	LR1	---
56	1	X	CCV	---
57	1	X	DoD LOD ICB CCB	---
58	1	X	LR1	---
59	1	X	LR1	---

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2	Custom ID3
60	56	1	8	5	Unk	PB101219BL				
61	57	1	9	5	Unk	PB101219BS				
62	58	1	10	5	Unk	I4540-13				
63	59	1	11	5	Unk	I4540-17				
64	60	1	12	5	Unk	I4540-21				
65	61	2	1	1	Unk	I4541-01				
66	62	2	2	1	Unk	I4541-05				
67	63	2	3	1	Unk	I4541-09				
68	64	2	4	1	Unk	ZZZ				
69	64	2	4	1	Unk	CCV06				
70	65	2	5	1	Unk	CCB06				
71	66	2	6	1	Unk	I4541-13				
72	67	2	7	1	Unk	I4542-01				
73	68	2	8	1	Unk	I4539-01				
74	69	2	9	1	Unk	I4539-05				
75	70	2	10	1	Unk	I4546-01				
76	71	2	11	1	Unk	I4558-02				
77	72	2	12	1	Unk	I4558-04				
78	73	2	1	2	Unk	I4560-02				
79	74	2	2	2	Unk	I4560-04				
80	75	2	3	2	Unk	I4562-01				
81	76	2	4	2	Unk	CCV07				
82	77	2	5	2	Unk	CCB07				
83	78	2	6	2	Unk	I4562-04				
84	79	2	7	2	Unk	I4562-07				
85	80	2	8	2	Unk	I4562-10				
86	81	2	9	2	Unk	I4562-13				
87	82	2	10	2	Unk	I4562-16				
88	83	2	11	2	Unk	I4562-19				
89	84	2	12	2	Unk	I4562-22				
90	85	2	1	3	Unk	I4562-22DUP				
91	86	2	2	3	Unk	I4562-22LX5				
92	87	2	3	3	Unk	I4562-22MS				
93	88	2	4	3	Unk	CCV08				
94	89	2	5	3	Unk	CCB08				
95	87	2	3	3	Unk	I4562-22MSD				
96	90	2	6	3	Unk	I4562-22A				
97	91	2	7	3	Unk	I4588-01				
98	92	2	8	3	Unk	I4588-02				
99	93	2	9	3	Unk	I4588-03				
100	94	2	10	3	Unk	I4588-04				
101	95	2	11	3	Unk	I4588-05				
102	96	2	12	3	Unk	I4588-06				
103	97	2	1	4	Unk	I4511-02				
104	98	2	2	4	Unk	I4522-01				
105	99	2	3	4	Unk	CCV09				
106	100	2	4	4	Unk	LLCCV02				
107	101	2	5	4	Unk	CCB09				
108	102	2	6	4	Unk	I4544-01				
109	103	2	7	4	Unk	I4544-02				
110	104	2	8	4	Unk	I4544-02DUP				
111	105	2	9	4	Unk	I4544-02LX5				
112	106	2	10	4	Unk	I4544-02MS				
113	106	2	10	4	Unk	I4544-02MSD				
114	107	2	11	4	Unk	I4544-02A				
115	108	2	12	4	Unk	I4555-02		CRI		
116	109	2	1	5	Unk	I4555-08		2013		
117	110	2	2	5	Unk	I4555-13		2043		
118	111	2	3	5	Unk	CCV10				

	CorrFact	Check	Check Table	Fail Action
60	1	X	LR1	---
61	1	X	LR1	---
62	1	X	LR1	---
63	1	X	LR1	---
64	1	X	LR1	---
65	1	X	LR1	---
66	1	X	LR1	---
67	1	X	LR1	---
68	1	X	CCV	---
69	1	X	CCV	---
70	1	X	DoD LOD ICB CCB	---
71	1	X	LR1	---
72	1	X	LR1	---
73	1	X	LR1	---
74	1	X	LR1	---
75	1	X	LR1	---
76	1	X	LR1	---
77	1	X	LR1	---
78	1	X	LR1	---
79	1	X	LR1	---
80	1	X	LR1	---
81	1	X	CCV	---
82	1	X	DoD LOD ICB CCB	---
83	1	X	LR1	---
84	1	X	LR1	---
85	1	X	LR1	---
86	1	X	LR1	---
87	1	X	LR1	---
88	1	X	LR1	---
89	1	X	LR1	---
90	1	X	LR1	---
91	1	X	LR1	---
92	1	X	LR1	---
93	1	X	CCV	---
94	1	X	DoD LOD ICB CCB	---
95	1	X	LR1	---
96	1	X	LR1	---
97	1	X	LR1	---
98	1	X	LR1	---
99	1	X	LR1	---
100	1	X	LR1	---
101	1	X	LR1	---
102	1	X	LR1	---
103	1	X	LR1	---
104	1	X	LR1	---
105	1	X	CCV	---
106	1	X	LLICV CHECK	---
107	1	X	DoD LOD ICB CCB	---
108	1	X	LR1	---
109	1	X	LR1	---
110	1	X	LR1	---
111	1	X	LR1	---
112	1	X	LR1	---
113	1	X	LR1	---
114	1	X	LR1	---
115	1	X	LR1	---
116	1	X	LR1	---
117	1	X	LR1	---
118	1	X	CCV	---

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2	Custom ID3
119	112	2	4	5	Unk	LLCCV03				
120	113	2	5	5	Unk	CCB10				
121	114	2	6	5	Unk	I4584-03		OK-01-080217		
122	115	2	7	5	Unk	I4585-03		OR-01-080217		
123	116	2	8	5	Unk	I4585-03DUP		OR-01-080217		
124	117	2	9	5	Unk	I4585-03LX5		OR-01-080217		
125	118	2	10	5	Unk	I4585-03MS		OR-01-080217		
126	118	2	10	5	Unk	I4585-03MSD		OR-01-080217		
127	119	2	11	5	Unk	I4585-03A		OR-01-080217		
128	120	2	12	5	Unk	I4586-03		HARDWICK-S		
129	121	3	1	1	Unk	I4591-03		DRUM-1-2-CO		
130	122	3	2	1	Unk	I4591-07		GRAVEL-PILE		
131	123	3	3	1	Unk	CCV11		CCV11		
132	124	3	4	1	Unk	CCB11		CCB11		

	CorrFact	Check	Check Table	Fail Action
119	1	X	LLICV CHECK	---
120	1	X	DoD LOD ICB CCB	---
121	1	X	LR1	---
122	1	X	LR1	---
123	1	X	LR1	---
124	1	X	LR1	---
125	1	X	LR1	---
126	1	X	LR1	---
127	1	X	LR1	---
128	1	X	LR1	---
129	1	X	LR1	---
130	1	X	LR1	---
131	1	X	CCV	---
132	1	X	DoD LOD ICB CCB	---