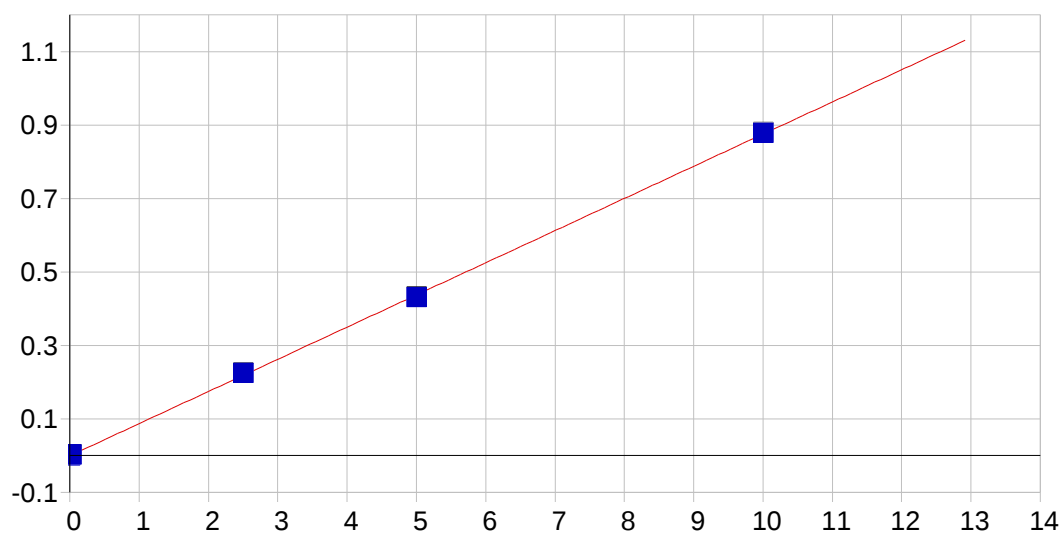




As 189.042 {478}

Date of Fit: 8/2/2017 14:29:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000453

Re-Slope: 1.000000

A1 (Gain): 0.087565

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999916

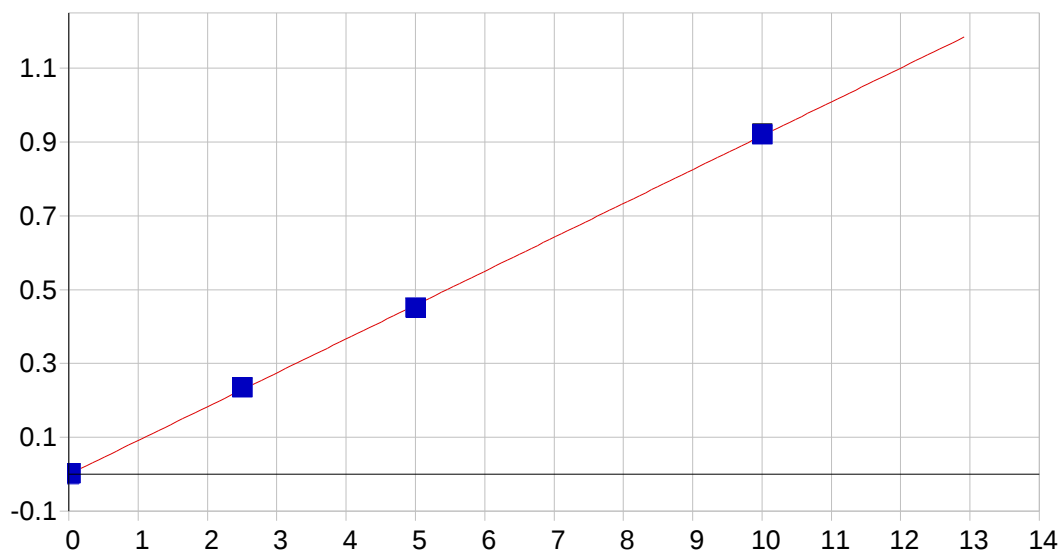
Status: OK.

Std Error of Est: 0.000027

Predicted MDL: 0.002474

Predicted MQL: 0.008246

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00045	.000	1
S1	.02000	.01961	.000	-1.94	.00129	.000	1
S3	2.5000	2.5609	.061	2.44	.22409	.000	1
S4	5.0000	4.9163	-.084	-1.67	.43065	.001	1
S5	10.000	10.023	.023	.232	.87843	.001	1

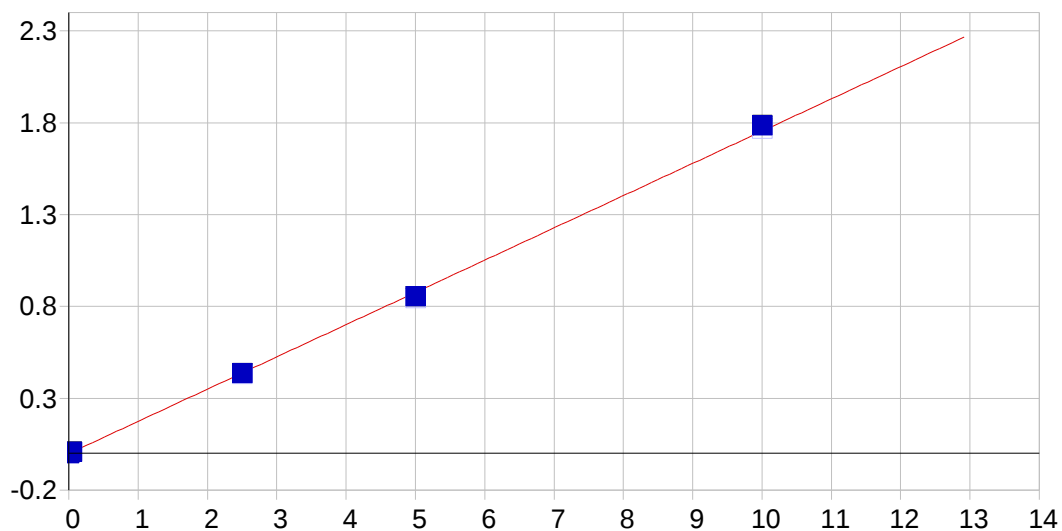


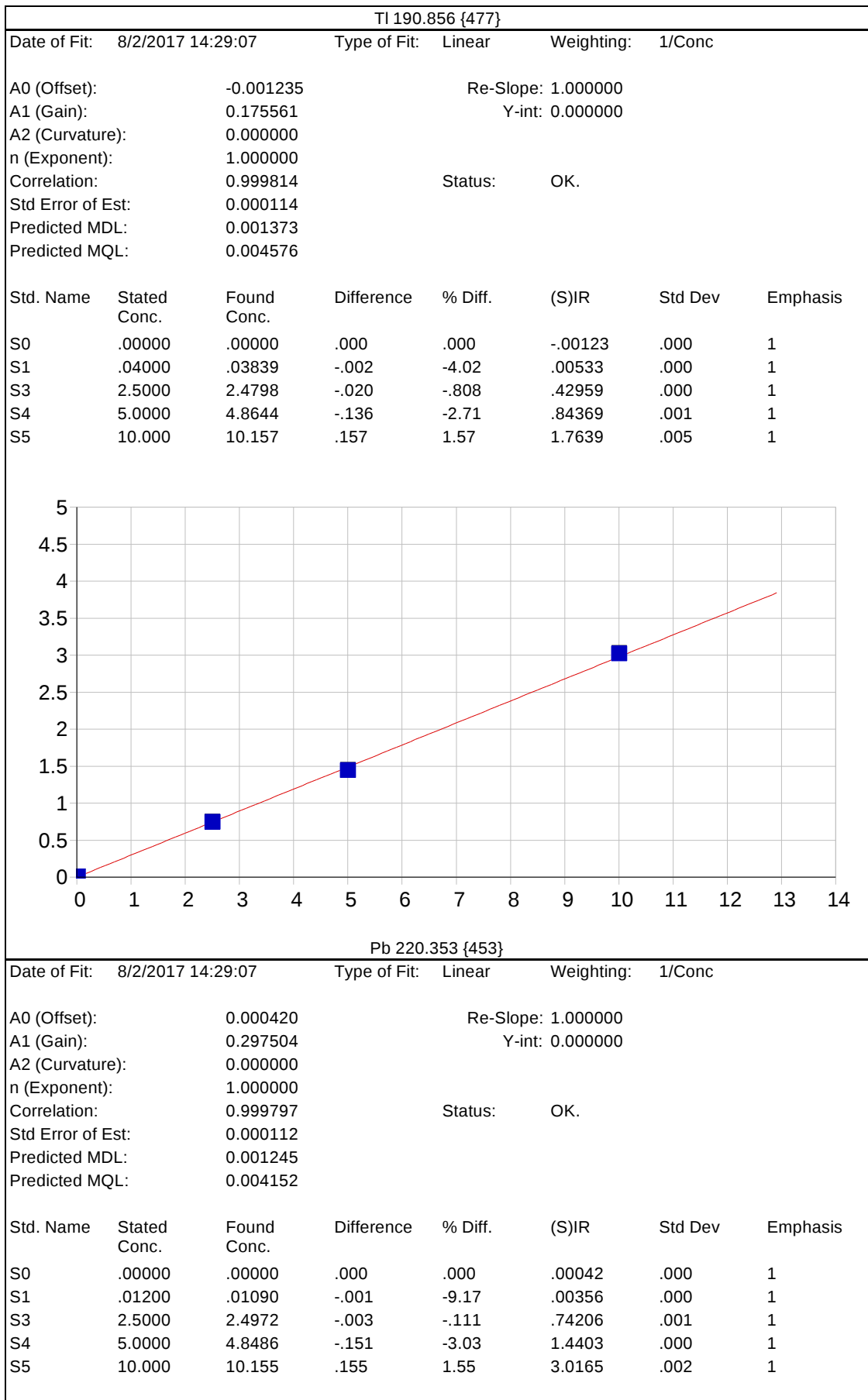
As 189.042 {479}

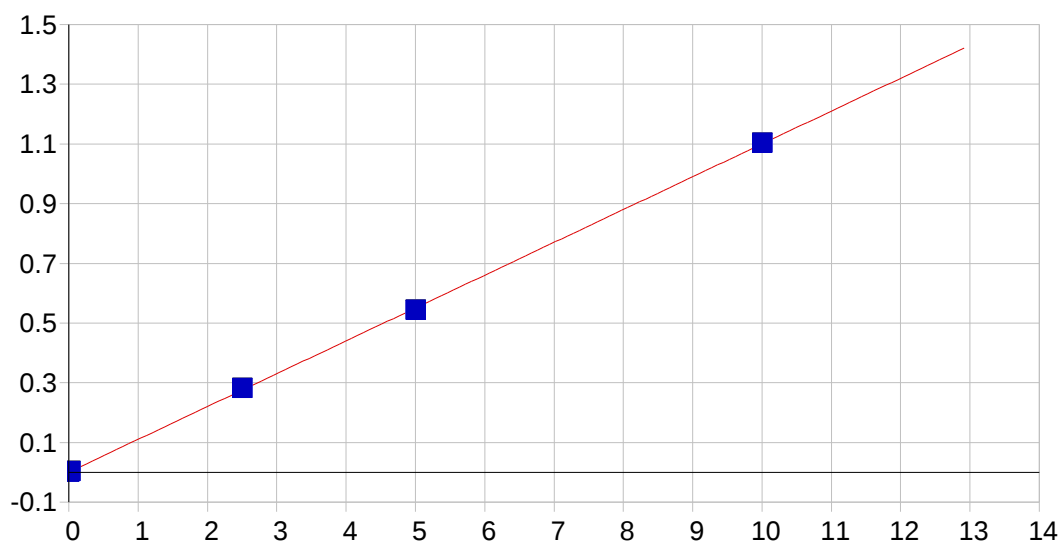
Date of Fit: 8/2/2017 14:29:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000539 Re-Slope: 1.000000
 A1 (Gain): 0.091760 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.001880
 Predicted MQL: 0.006266

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00054	.000	1
S1	.02000	.02002	.000	.085	.00133	.000	1
S3	2.5000	2.5519	.052	2.07	.23394	.001	1
S4	5.0000	4.9154	-.085	-1.69	.45113	.001	1
S5	10.000	10.033	.033	.328	.92134	.001	1





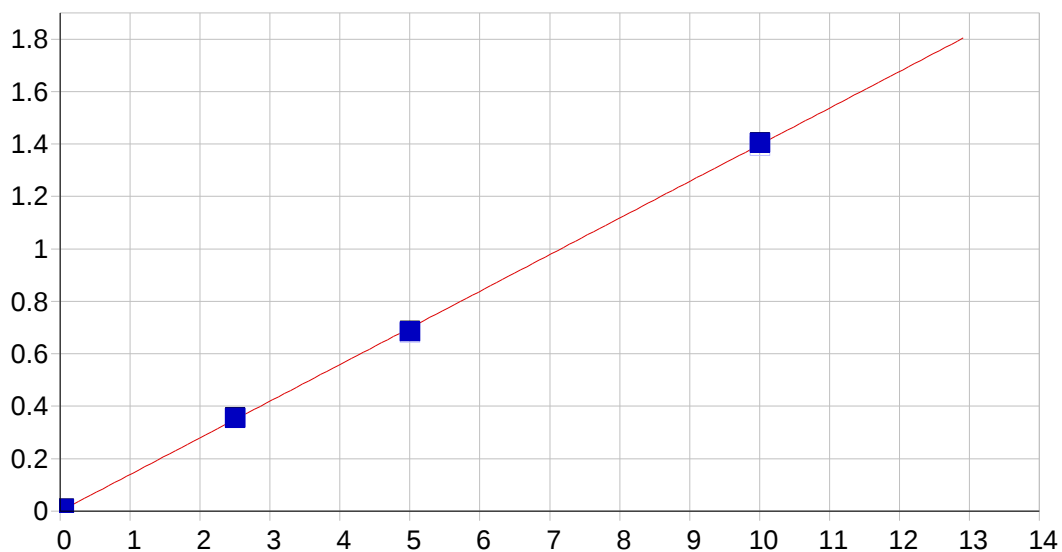


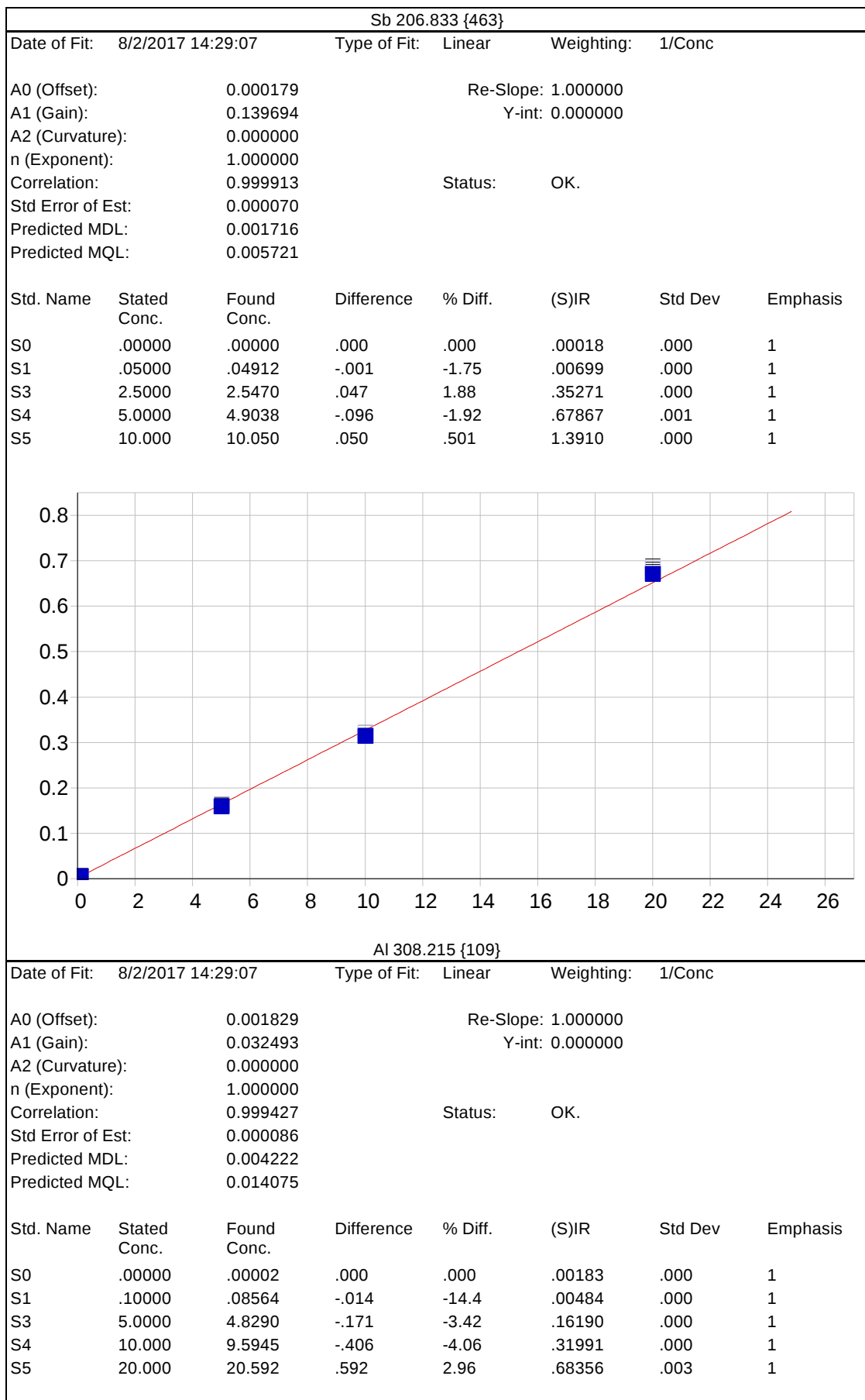
Se 196.090 {472}

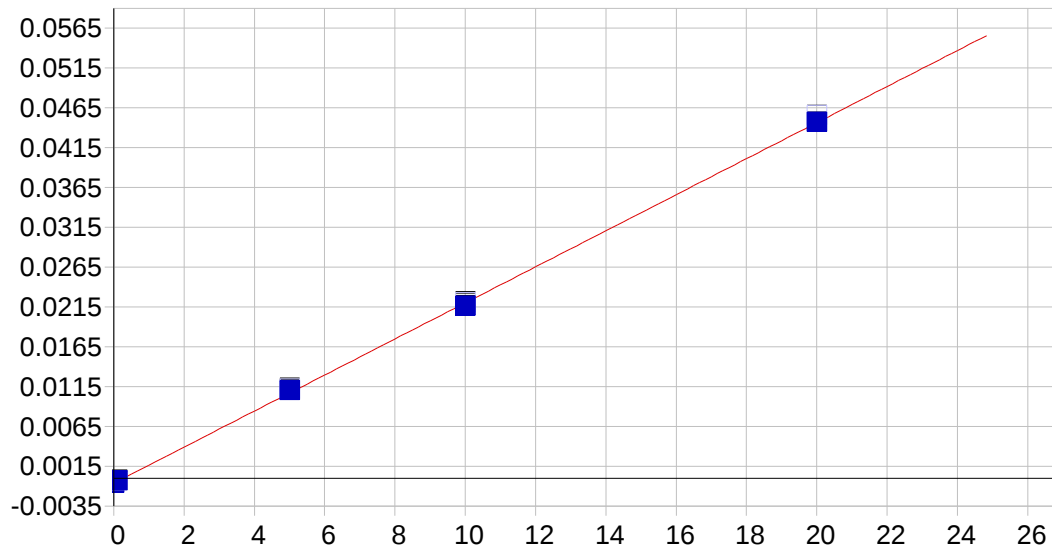
Date of Fit: 8/2/2017 14:29:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000301 Re-Slope: 1.000000
 A1 (Gain): 0.109984 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.002016
 Predicted MQL: 0.006720

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.000	1
S1	.02000	.02080	.001	4.01	.00259	.000	1
S3	2.5000	2.5463	.046	1.85	.28051	.000	1
S4	5.0000	4.9344	-.066	-1.31	.54333	.001	1
S5	10.000	10.019	.019	.185	1.1028	.000	1







Date of Fit: 8/2/2017 14:29:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000615

Re-Slope: 1.000000

A1 (Gain): 0.002263

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999811

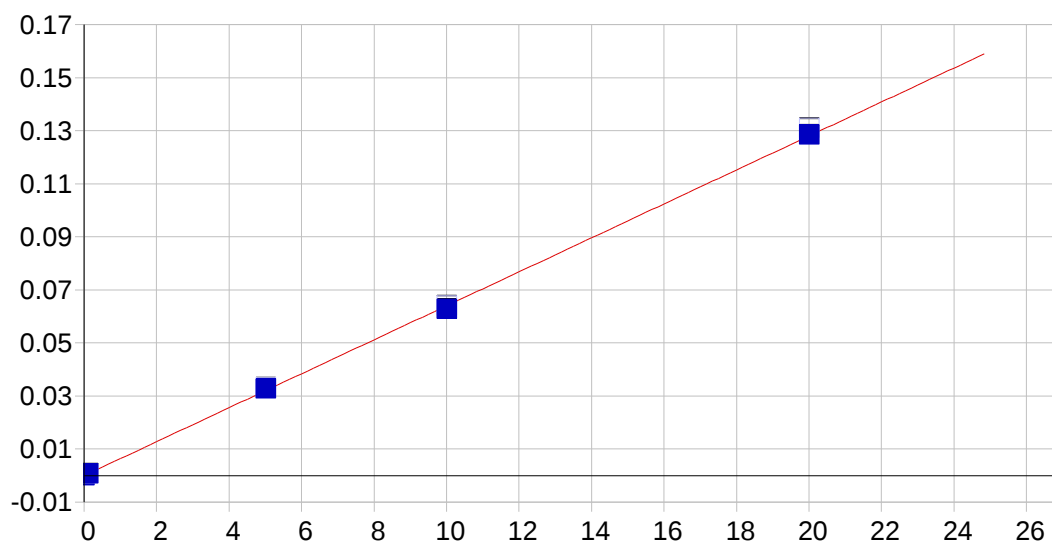
Status: OK.

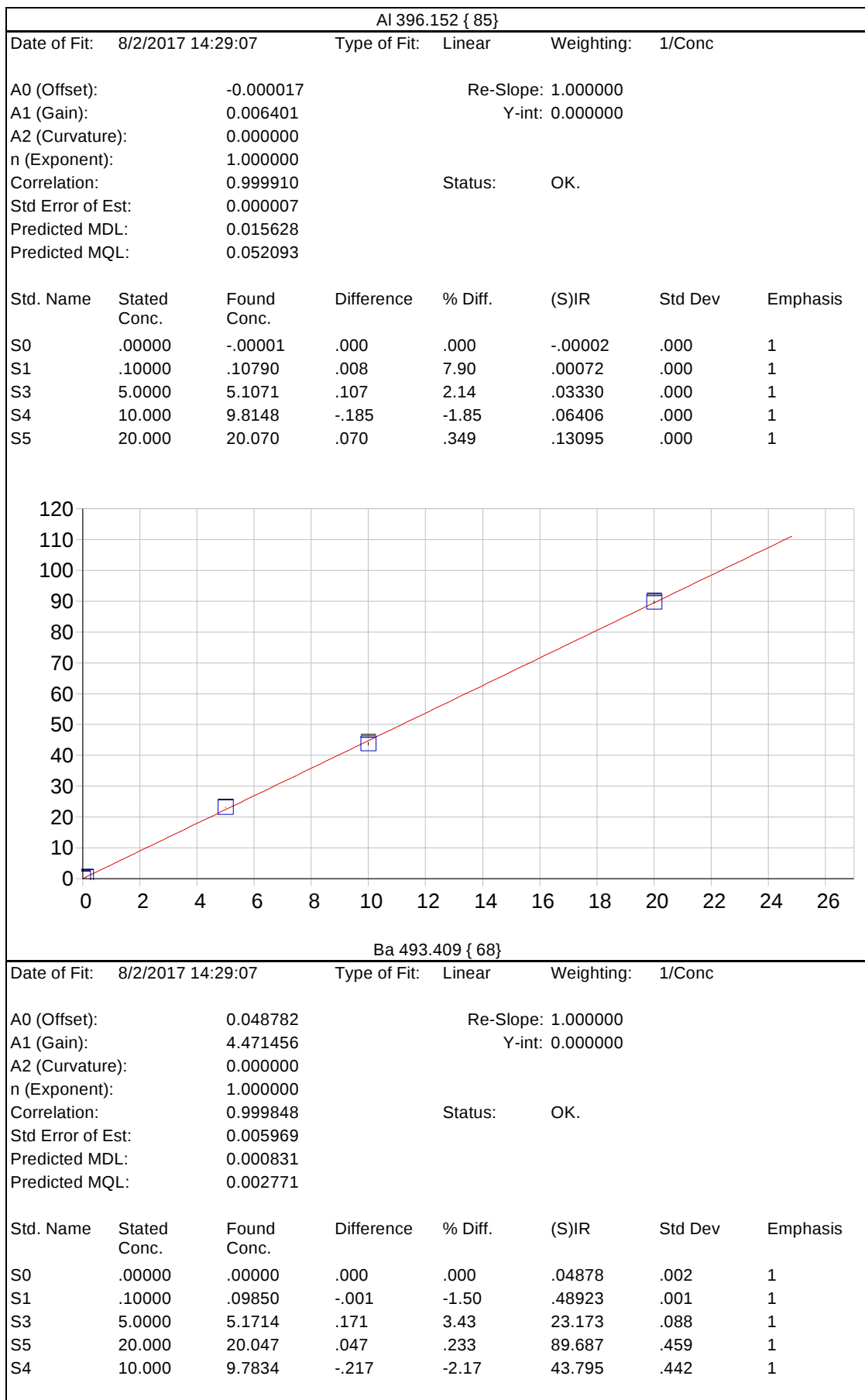
Std Error of Est: 0.000003

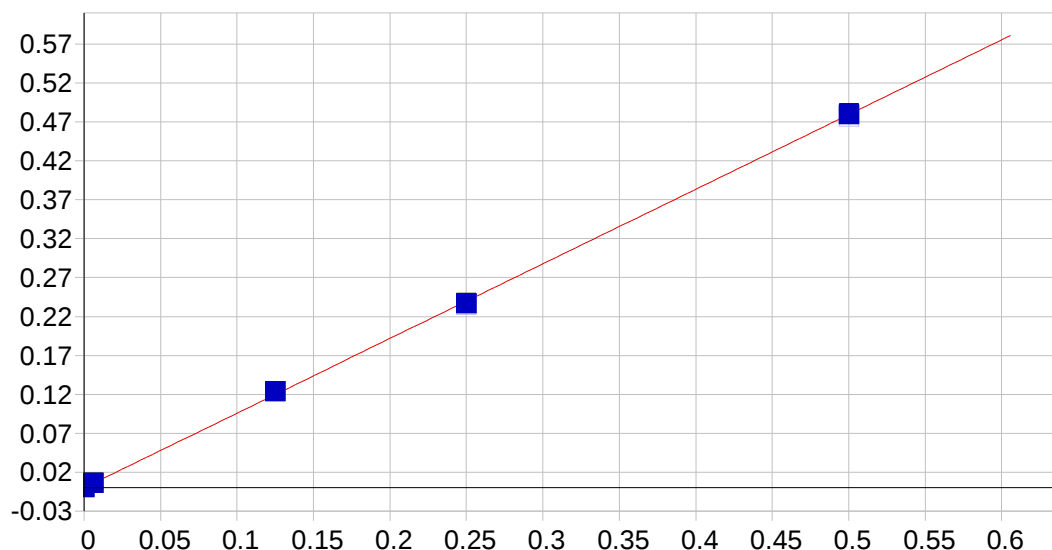
Predicted MDL: 0.030978

Predicted MQL: 0.103260

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	-.00062	.000	1
S1	.10000	.12650	.027	26.5	-.00031	.000	1
S3	5.0000	5.1338	.134	2.68	.01123	.000	1
S4	10.000	9.8221	-.178	-1.78	.02206	.000	1
S5	20.000	20.016	.016	.082	.04557	.000	1





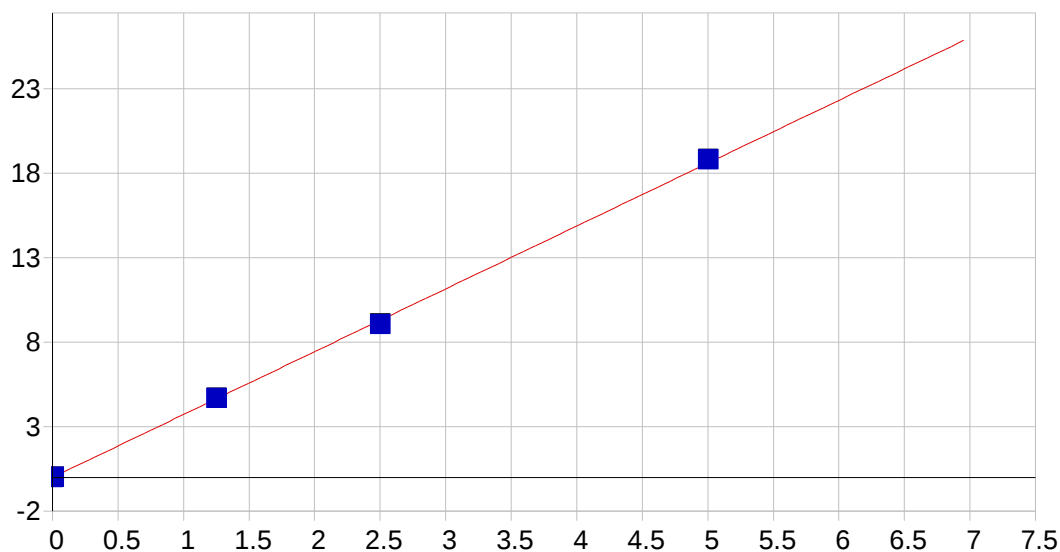


Be 234.861 {144}

Date of Fit: 8/2/2017 14:29:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.958759 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.000070
 Predicted MQL: 0.000232

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.00600	.00603	.000	.512	.00573	.000	1
S3	.12500	.12873	.004	2.99	.12265	.000	1
S4	.25000	.24630	-.004	-1.48	.23458	.001	1
S5	.50000	.49993	.000	-.014	.47617	.001	1

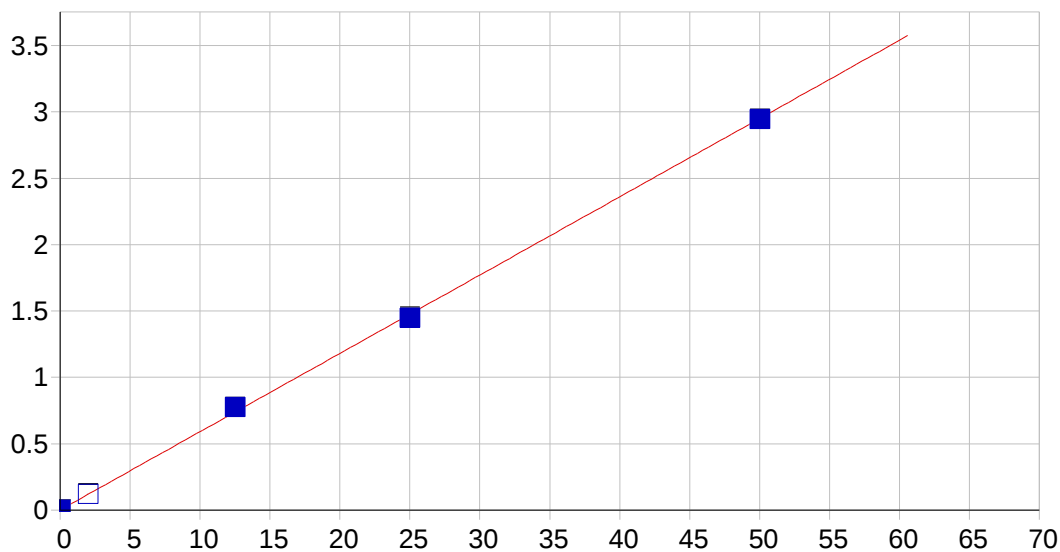


Cd 226.502 {449}

Date of Fit: 8/2/2017 14:29:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000343 Re-Slope: 1.000000
 A1 (Gain): 3.720733 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870 Status: OK.
 Std Error of Est: 0.000561
 Predicted MDL: 0.000098
 Predicted MQL: 0.000327

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.00600	.00587	.000	-2.18	.02152	.000	1
S3	1.2500	1.2559	.006	.471	4.6731	.003	1
S4	2.5000	2.4370	-.063	-2.52	9.0683	.014	1
S5	5.0000	5.0573	.057	1.15	18.819	.015	1

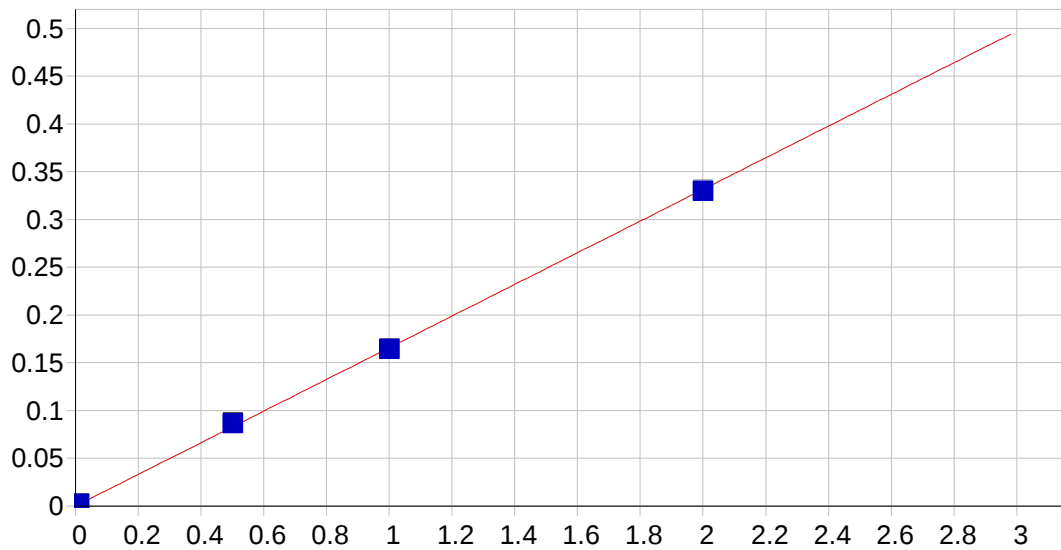


Ca 373.690 { 90}

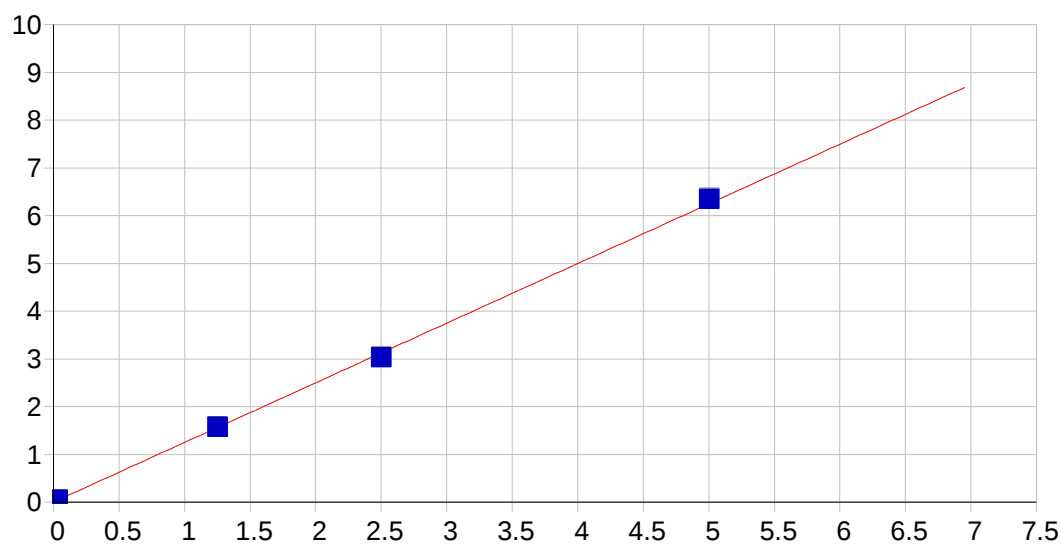
Date of Fit: 8/2/2017 14:29:07 Type of Fit: Linear Weighting: 1/Conc

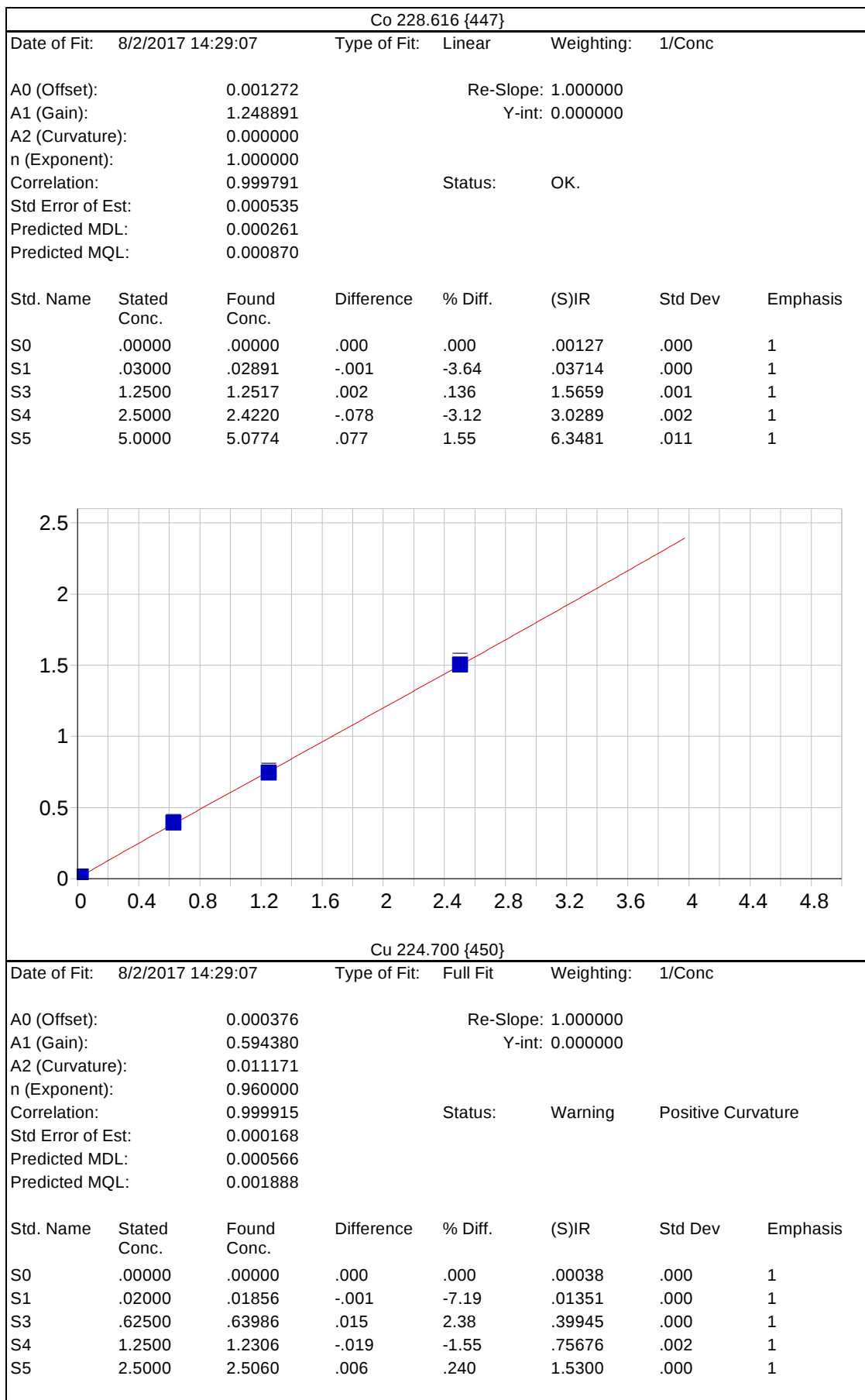
A0 (Offset): 0.001537 Re-Slope: 1.000000
 A1 (Gain): 0.058973 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999793 Status: OK.
 Std Error of Est: 0.000656
 Predicted MDL: 0.016791
 Predicted MQL: 0.055971

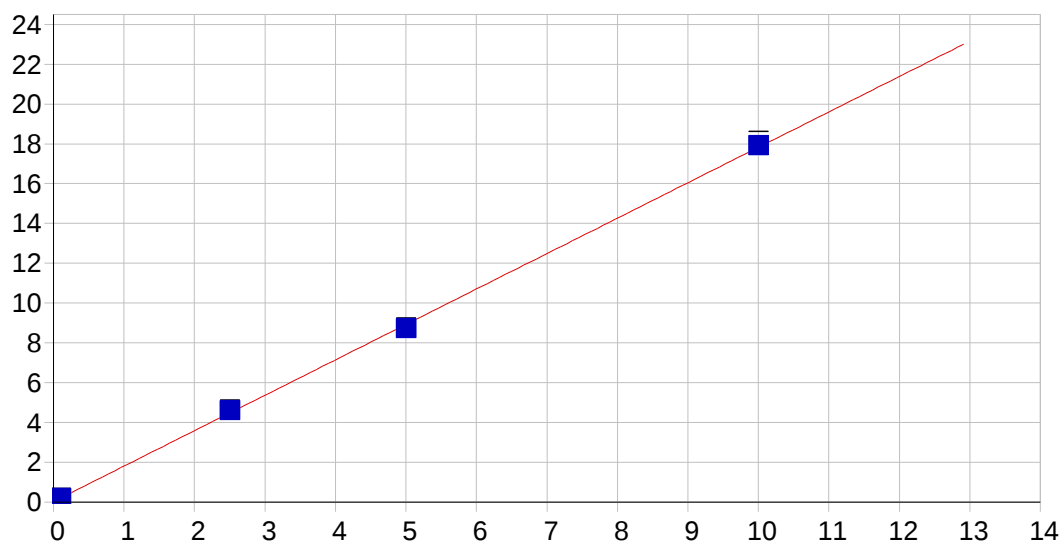
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0183	.018	.913	.12056	.001	1
S0	.00000	-.00007	.000	.000	.00153	.000	1
S3	12.500	13.085	.585	4.68	.77344	.002	1
S4	25.000	24.517	-.483	-1.93	1.4479	.007	1
S5	50.000	49.880	-.120	-.241	2.9441	.000	1



Cr 267.716 {126}							
Date of Fit: 8/2/2017 14:29:07		Type of Fit: Linear		Weighting: 1/Conc			
A0 (Offset):		0.000078		Re-Slope: 1.000000			
A1 (Gain):		0.165719		Y-int: 0.000000			
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.999836		Status: OK.			
Std Error of Est:		0.000023					
Predicted MDL:		0.000528					
Predicted MQL:		0.001760					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.01000	.01049	.000	4.94	.00182	.000	1
S3	.50000	.52176	.022	4.35	.08663	.000	1
S4	1.0000	.98953	-.010	-1.05	.16424	.000	1
S5	2.0000	1.9882	-.012	-.589	.32992	.000	1





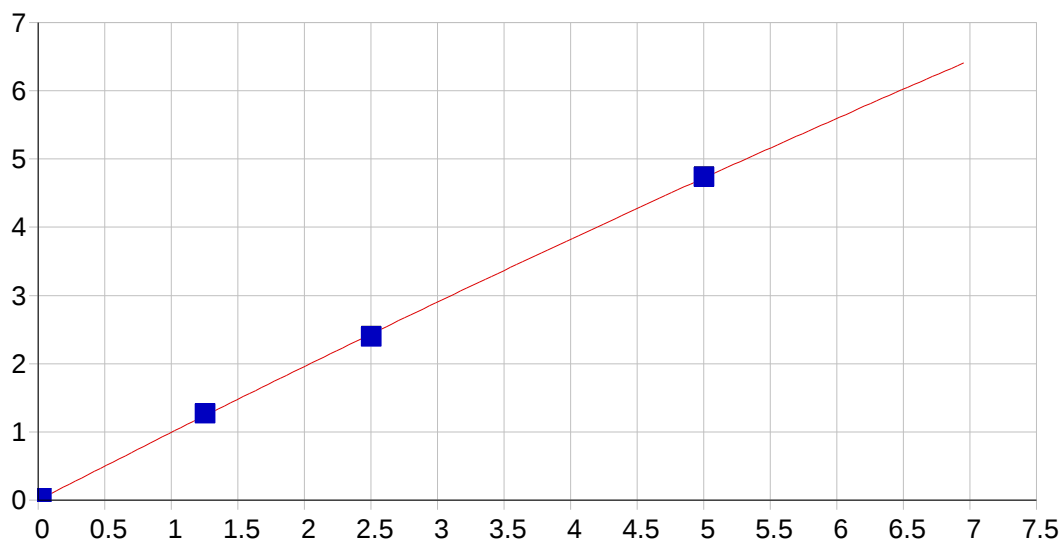


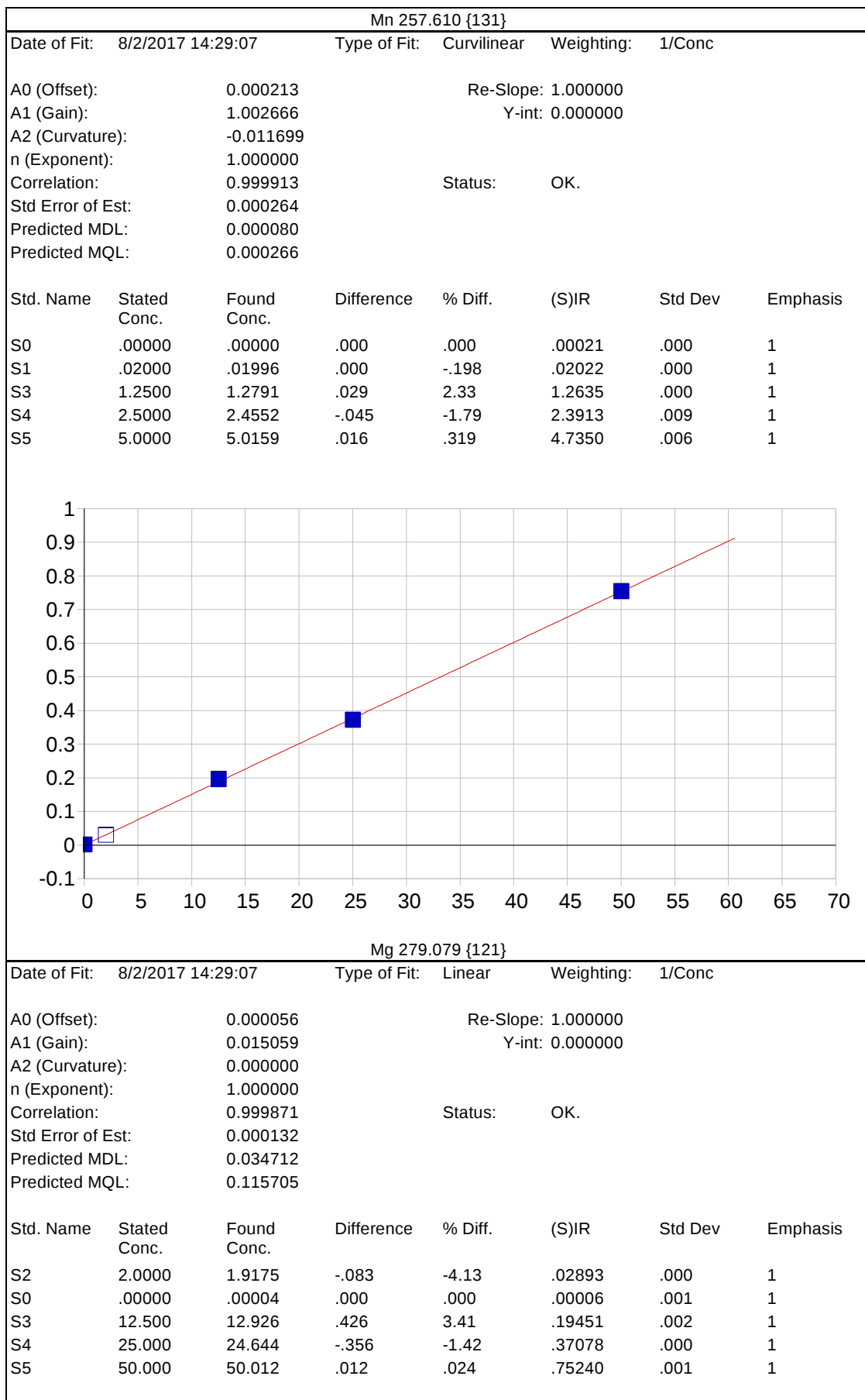
Fe 240.488 {140}

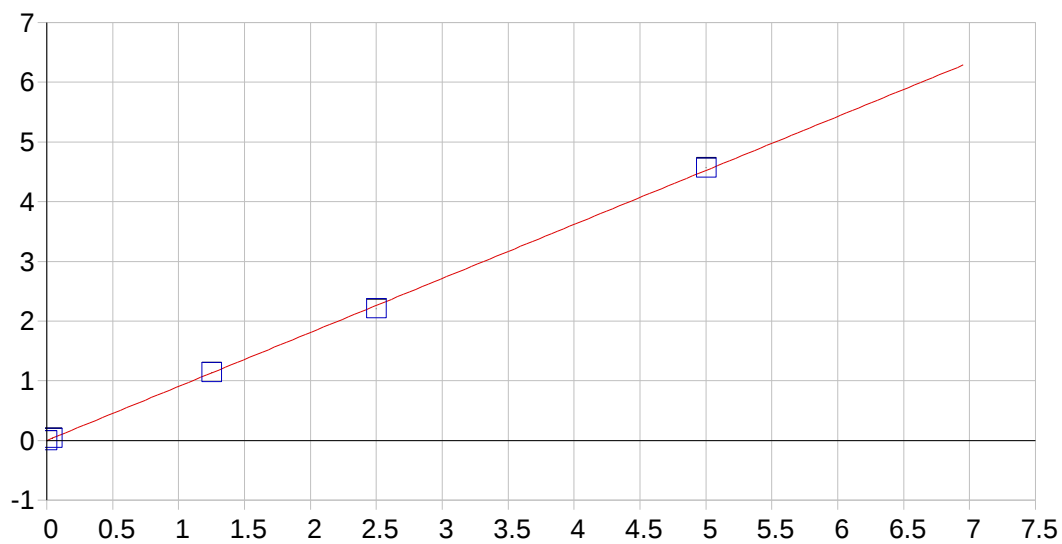
Date of Fit: 8/2/2017 14:29:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.030602 Re-Slope: 1.000000
 A1 (Gain): 1.779417 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999795 Status: OK.
 Std Error of Est: 0.001948
 Predicted MDL: 0.008624
 Predicted MQL: 0.028748

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.03062	.016	1
S1	.10000	.08655	-.013	-13.5	.18441	.015	1
S3	2.5000	2.5775	.078	3.10	4.6090	.002	1
S4	5.0000	4.8836	-.116	-2.33	8.7045	.032	1
S5	10.000	10.052	.052	.523	17.886	.221	1





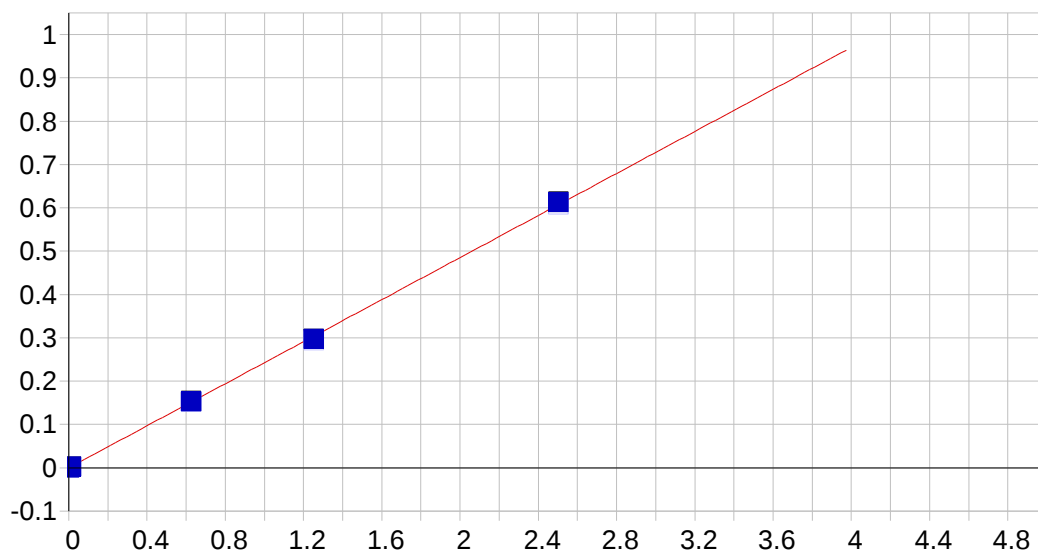


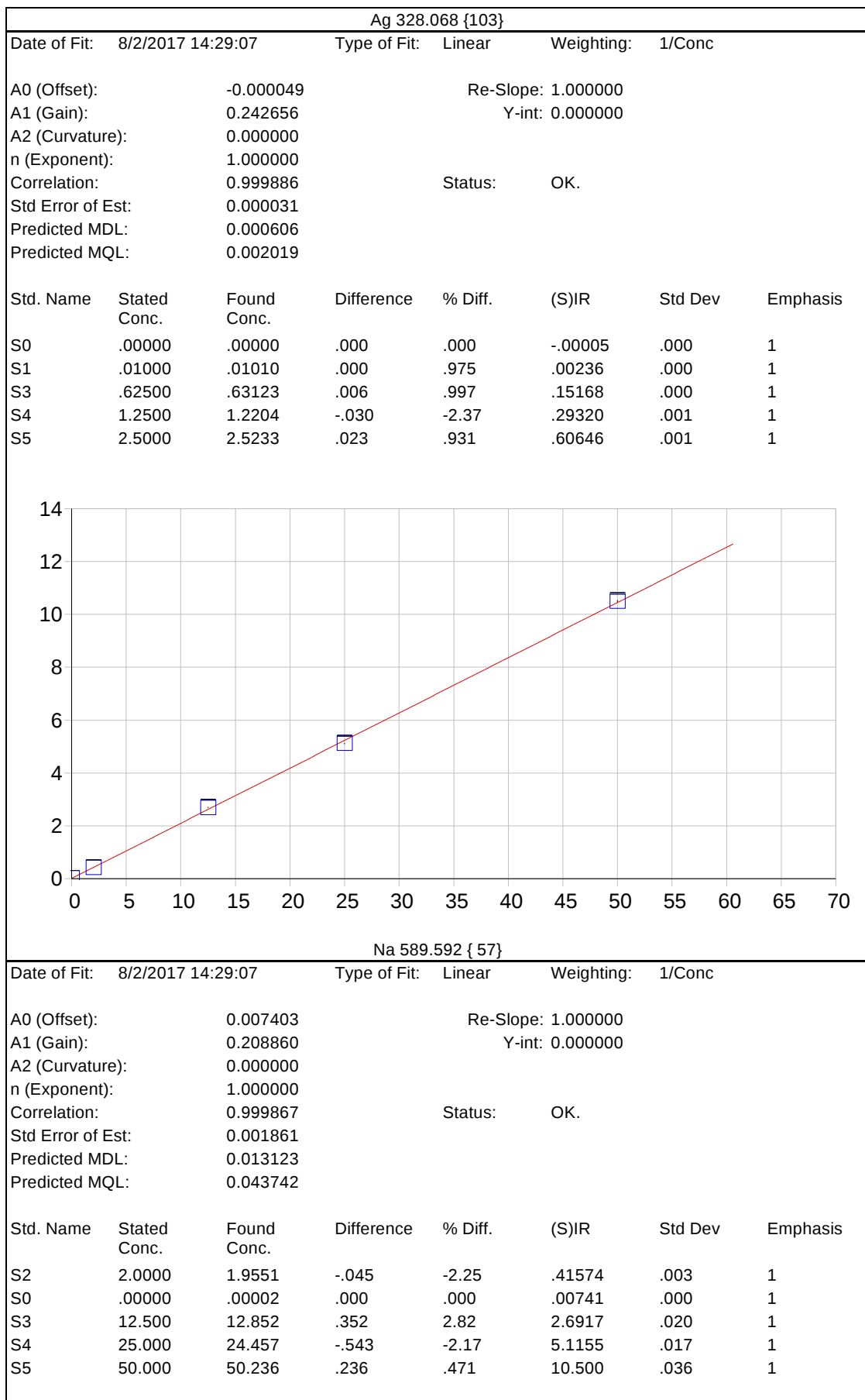
Ni 231.604 {445}

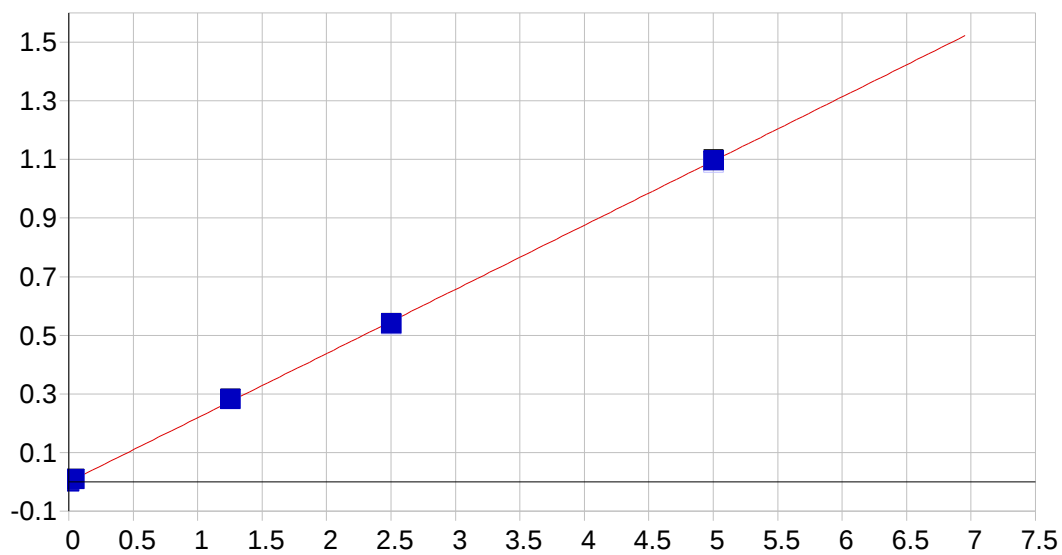
Date of Fit: 8/2/2017 14:29:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000103 Re-Slope: 1.000000
 A1 (Gain): 0.904477 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000337
 Predicted MDL: 0.000401
 Predicted MQL: 0.001336

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.04000	.03955	.000	-1.13	.03567	.000	1
S3	1.2500	1.2628	.013	1.03	1.1421	.000	1
S4	2.5000	2.4391	-.061	-2.44	2.2060	.003	1
S5	5.0000	5.0485	.048	.970	4.5661	.005	1





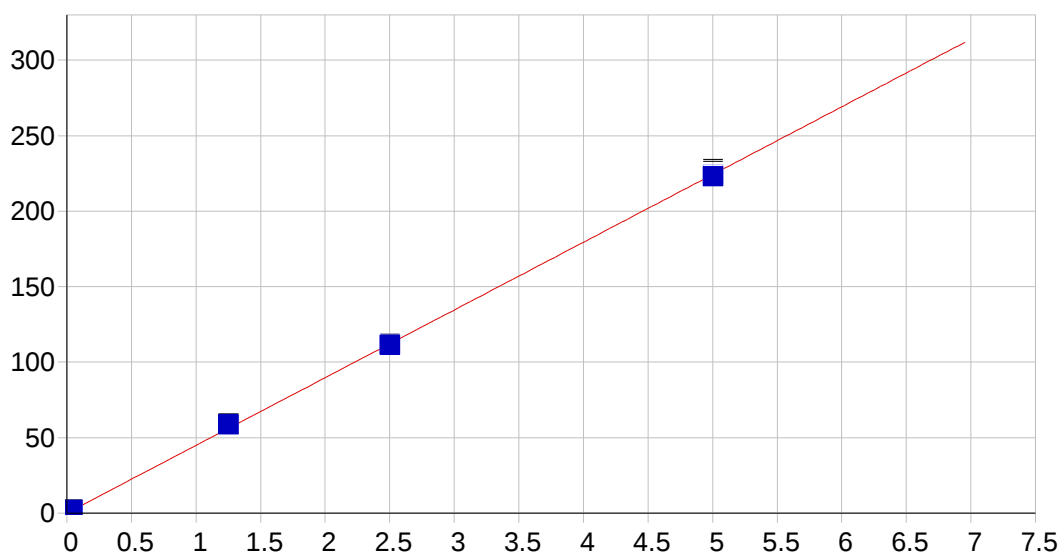


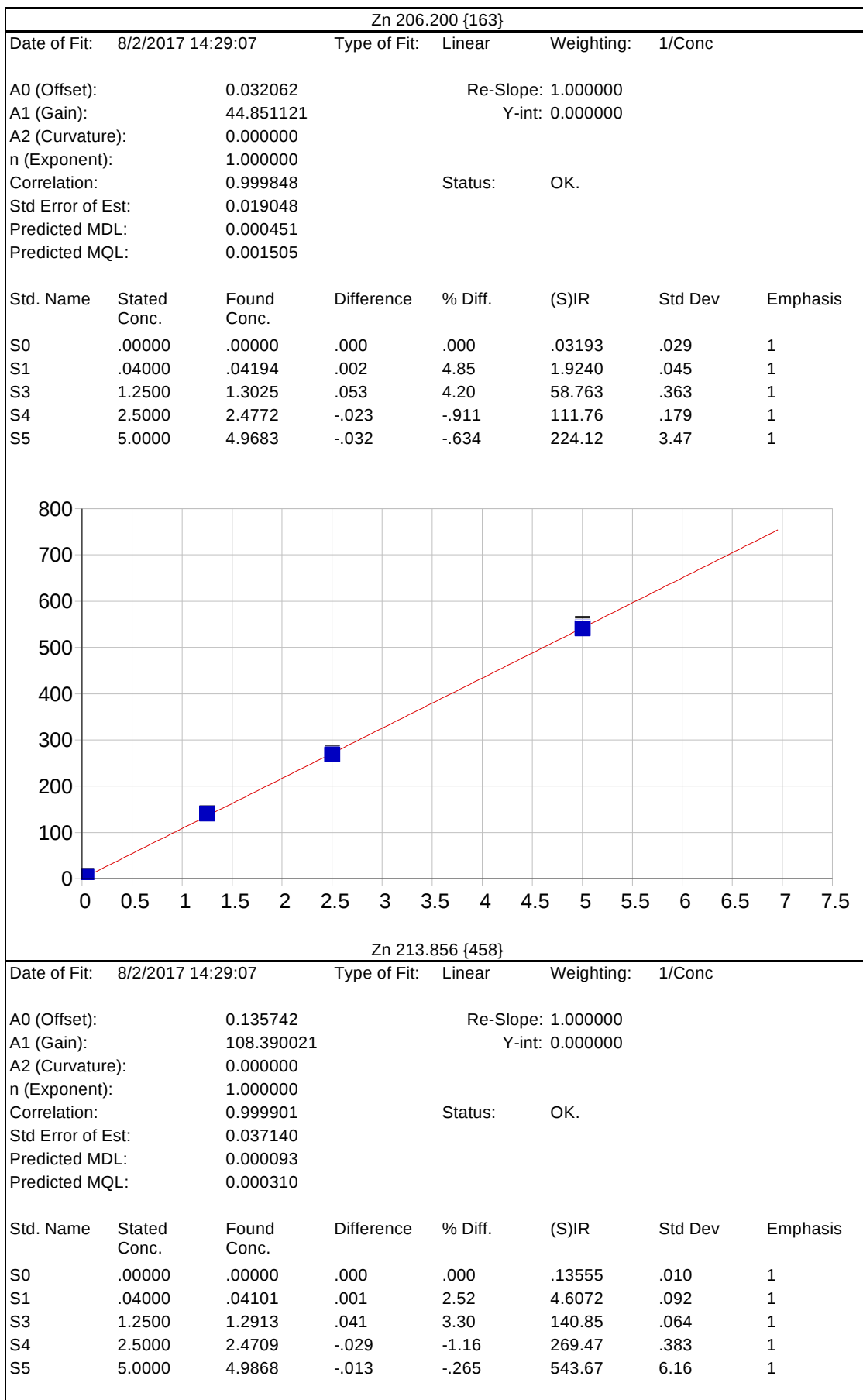
V 292.402 {115}

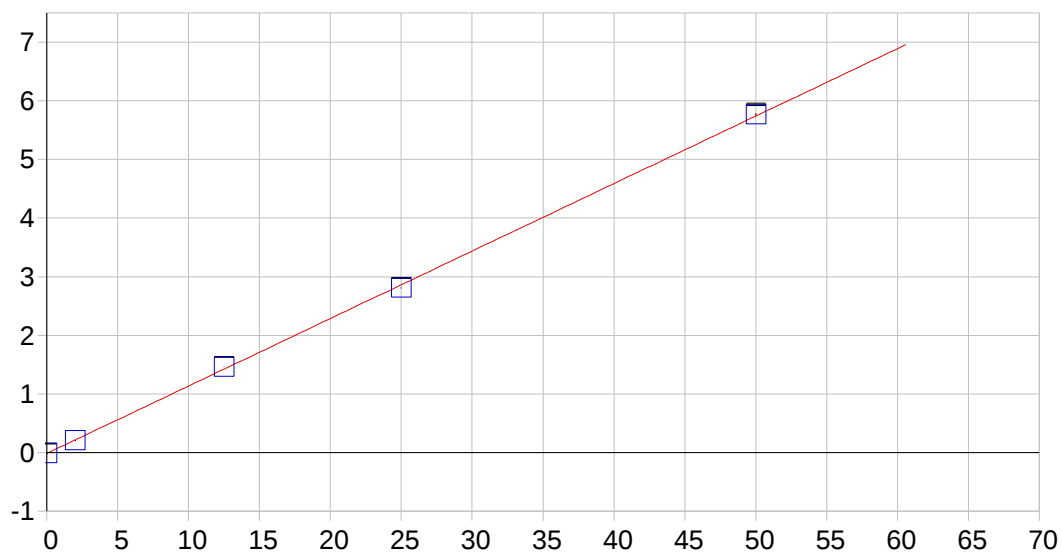
Date of Fit: 8/2/2017 14:29:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000230 Re-Slope: 1.000000
 A1 (Gain): 0.218962 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.000506
 Predicted MQL: 0.001688

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.04000	.03899	-.001	-2.52	.00817	.000	1
S3	1.2500	1.2884	.038	3.07	.28011	.000	1
S4	2.5000	2.4598	-.040	-1.61	.53485	.002	1
S5	5.0000	5.0028	.003	.057	1.0882	.003	1





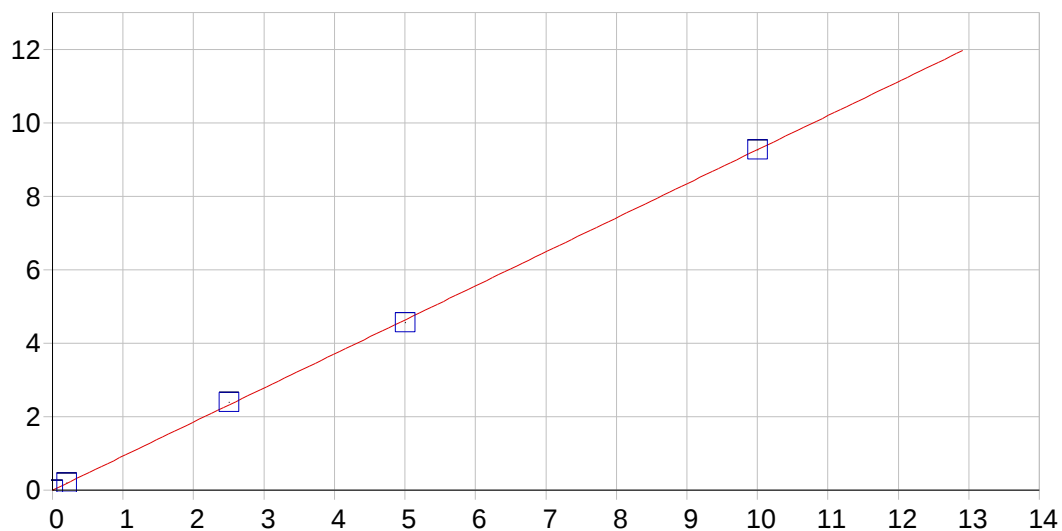


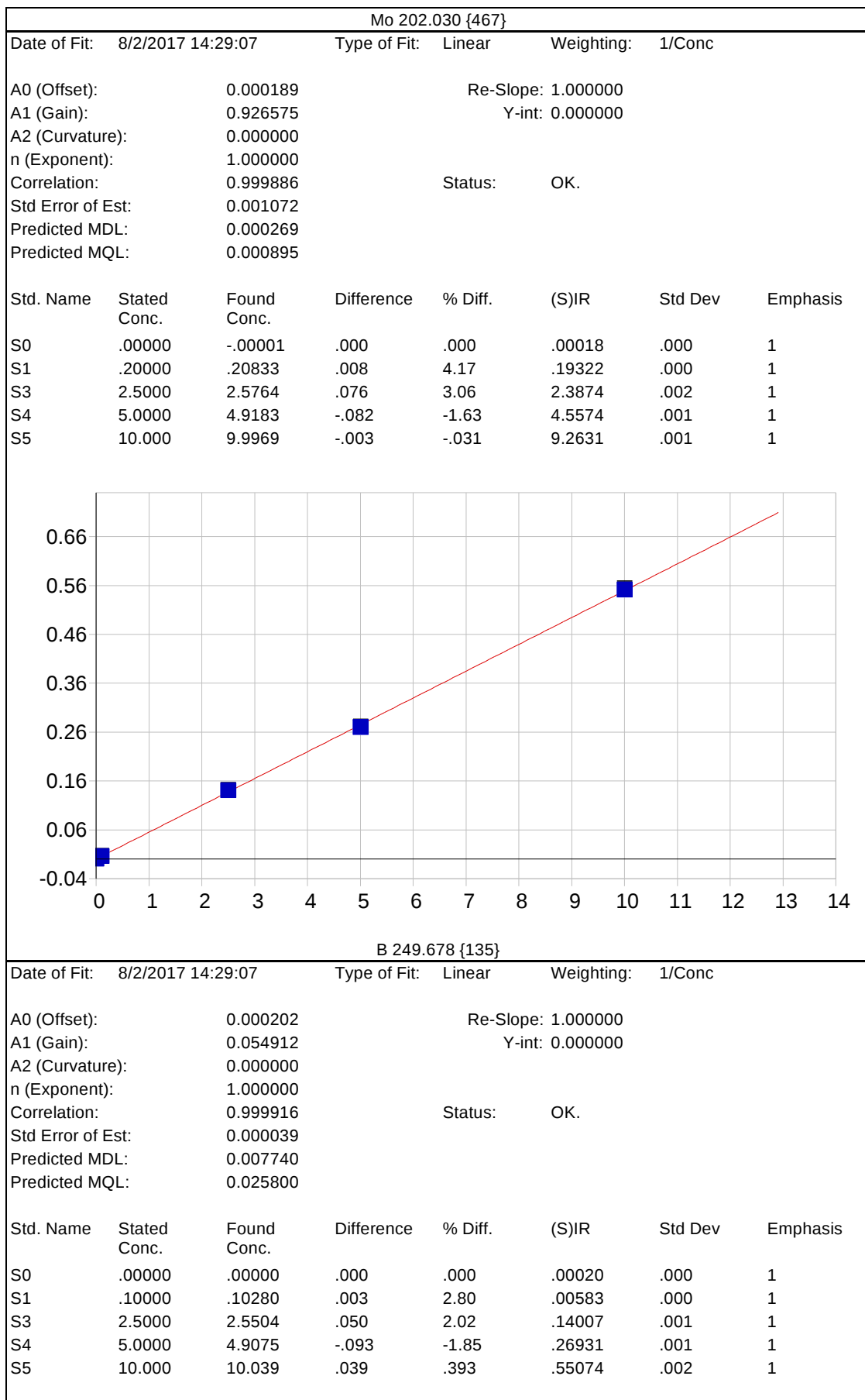
K 766.490 { 44}

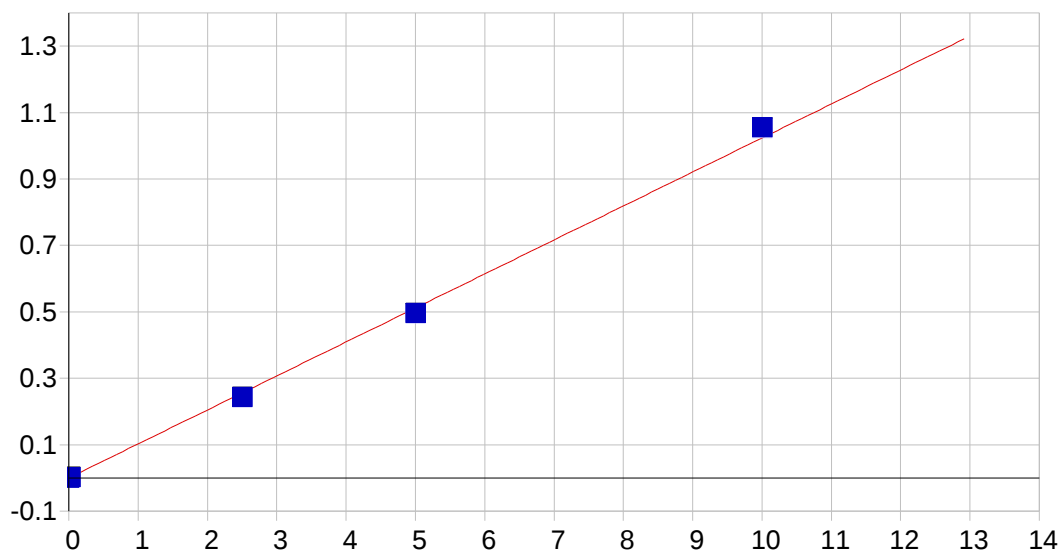
Date of Fit: 8/2/2017 14:29:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.016230 Re-Slope: 1.000000
 A1 (Gain): 0.115111 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886 Status: OK.
 Std Error of Est: 0.000948
 Predicted MDL: 0.032805
 Predicted MQL: 0.109350

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9206	-.079	-3.97	.20486	.002	1
S0	.00000	.00006	.000	.000	-.01622	.007	1
S3	12.500	12.806	.306	2.45	1.4579	.005	1
S4	25.000	24.536	-.464	-1.86	2.8081	.005	1
S5	50.000	50.238	.238	.475	5.7667	.020	1





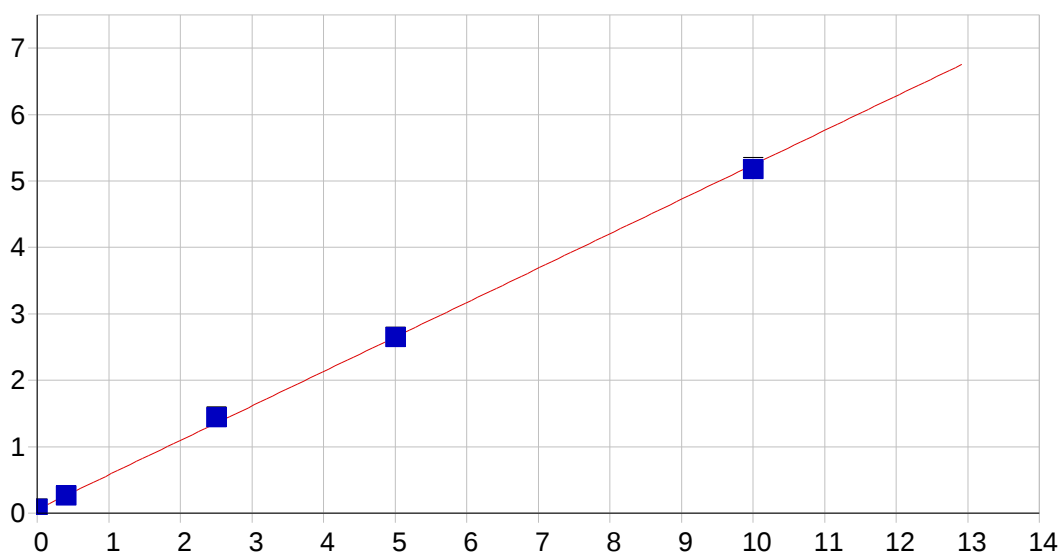


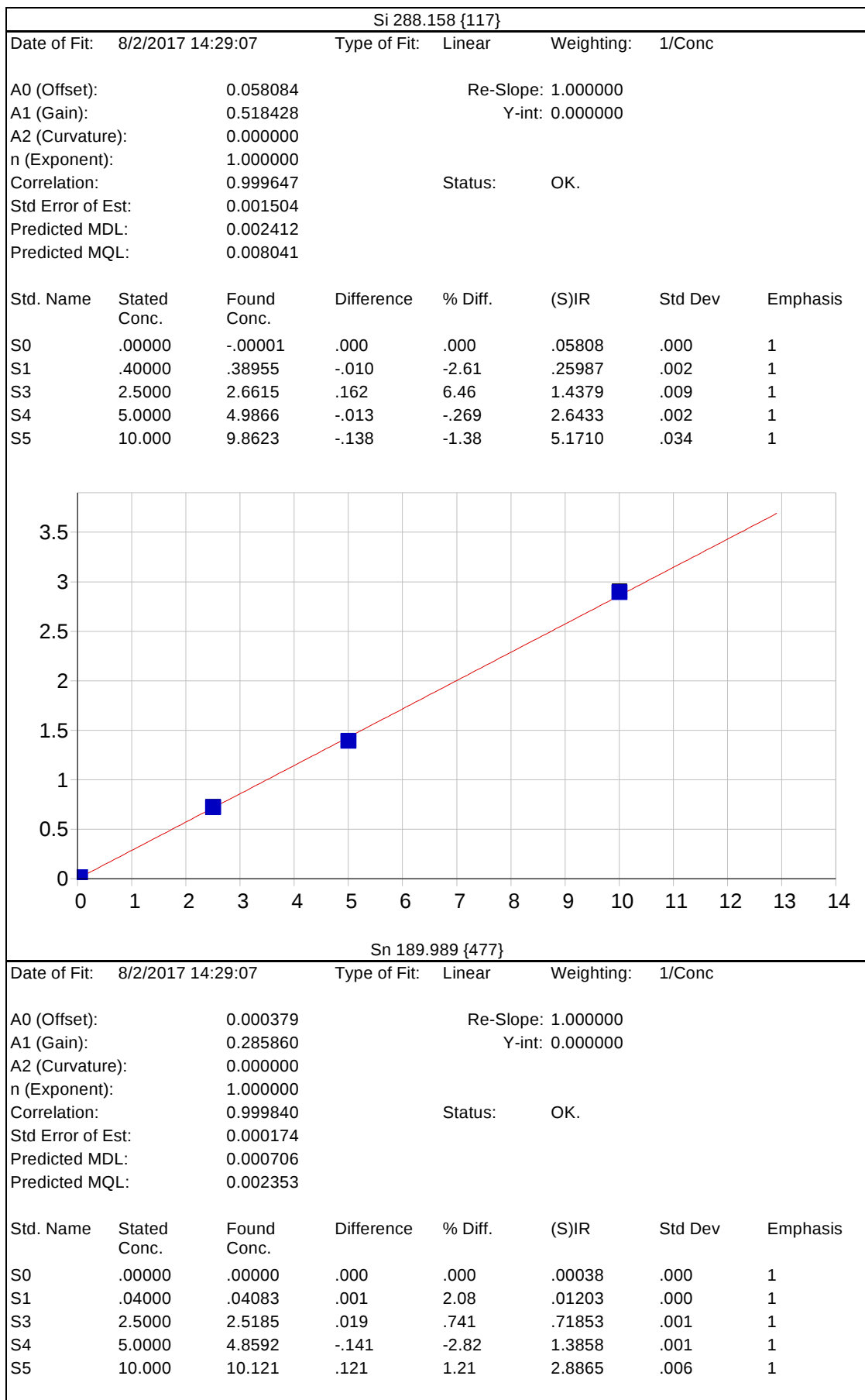
S 182.034 {485}

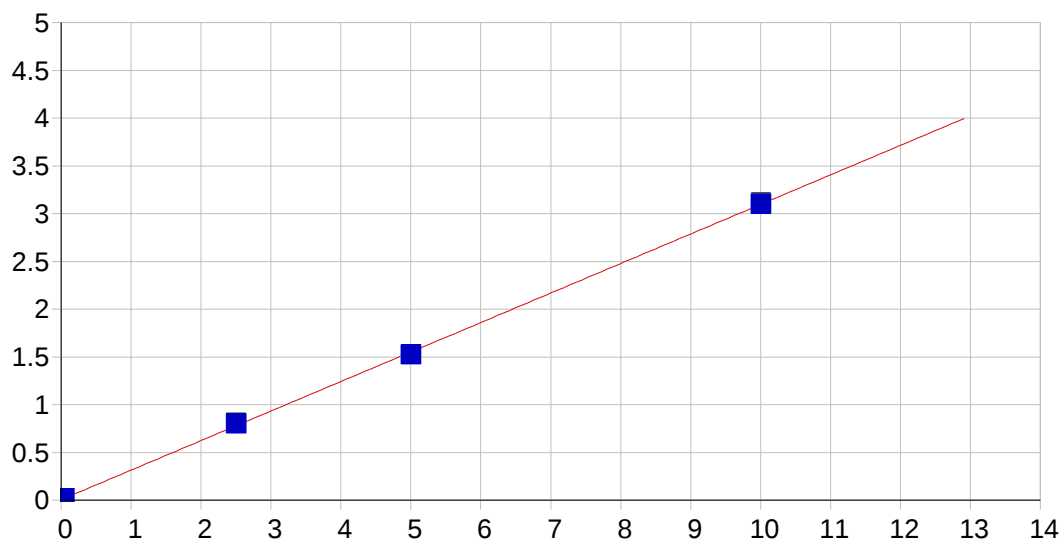
Date of Fit: 8/2/2017 14:29:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000060 Re-Slope: 1.000000
 A1 (Gain): 0.102351 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999360 Status: OK.
 Std Error of Est: 0.000088
 Predicted MDL: 0.002019
 Predicted MQL: 0.006730

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.02000	.01710	-.003	-14.5	.00164	.000	1
S3	2.5000	2.3649	-.135	-5.41	.24148	.000	1
S4	5.0000	4.8350	-.165	-3.30	.49379	.000	1
S5	10.000	10.303	.303	3.03	1.0524	.001	1





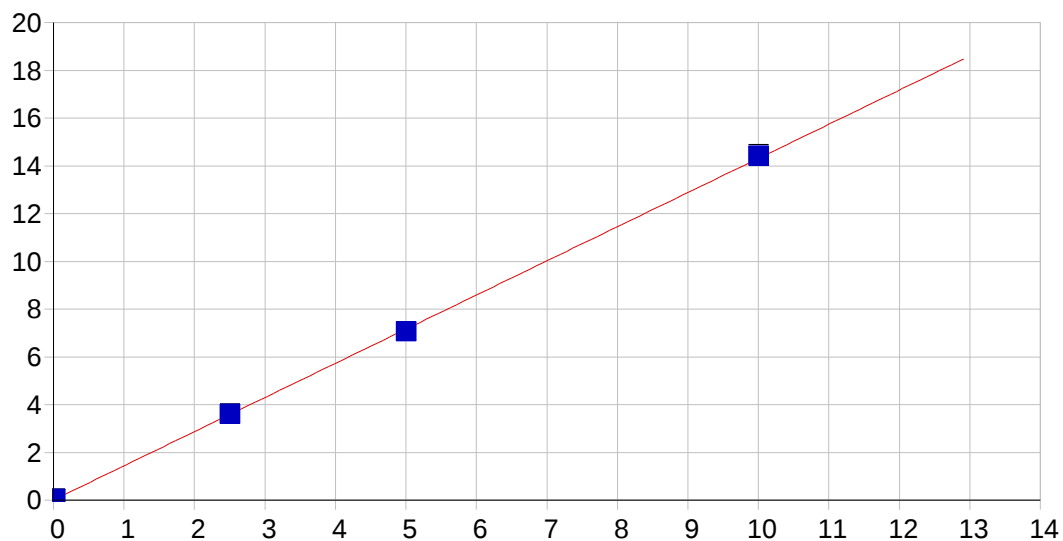


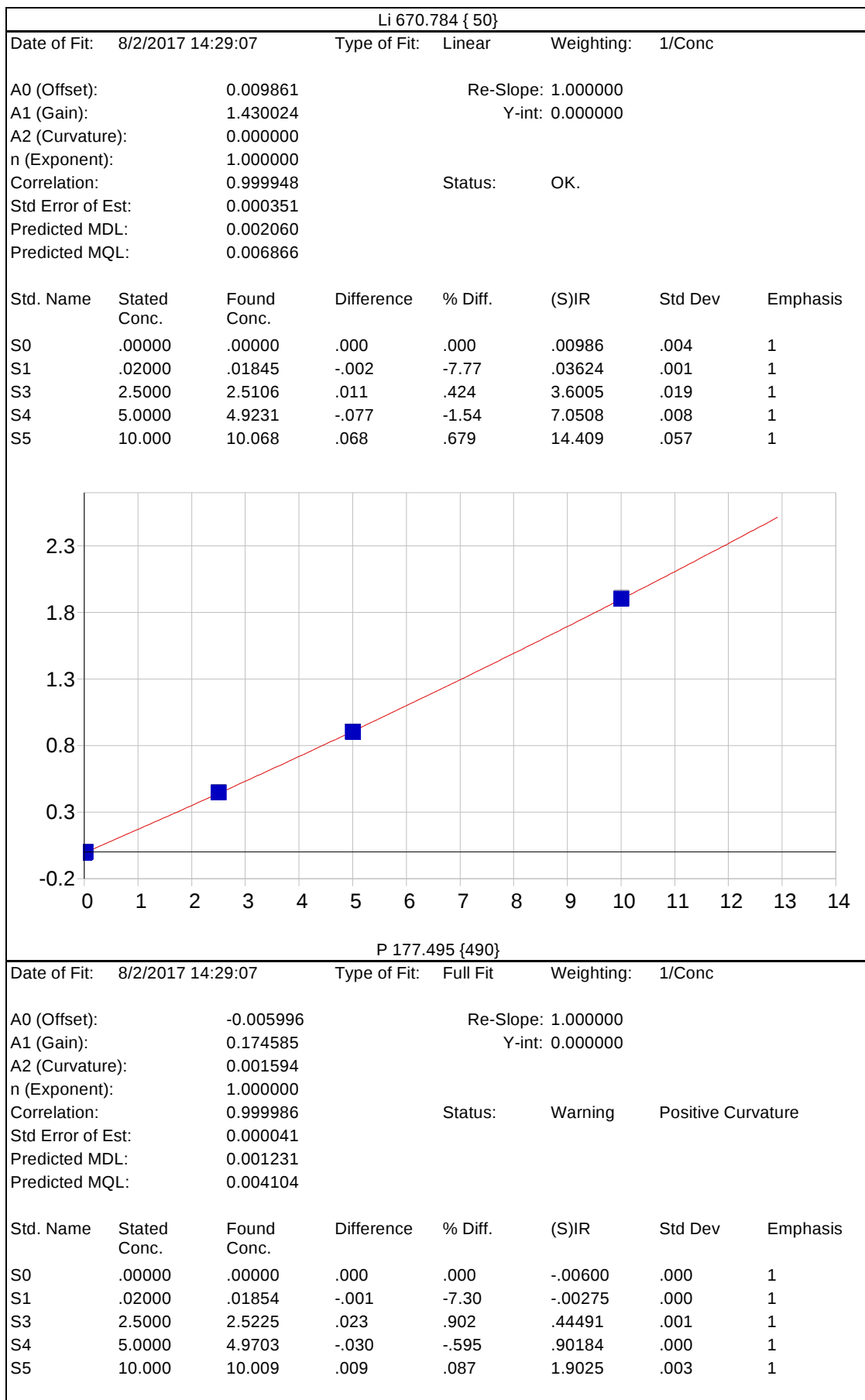
Ti 336.121 {100}

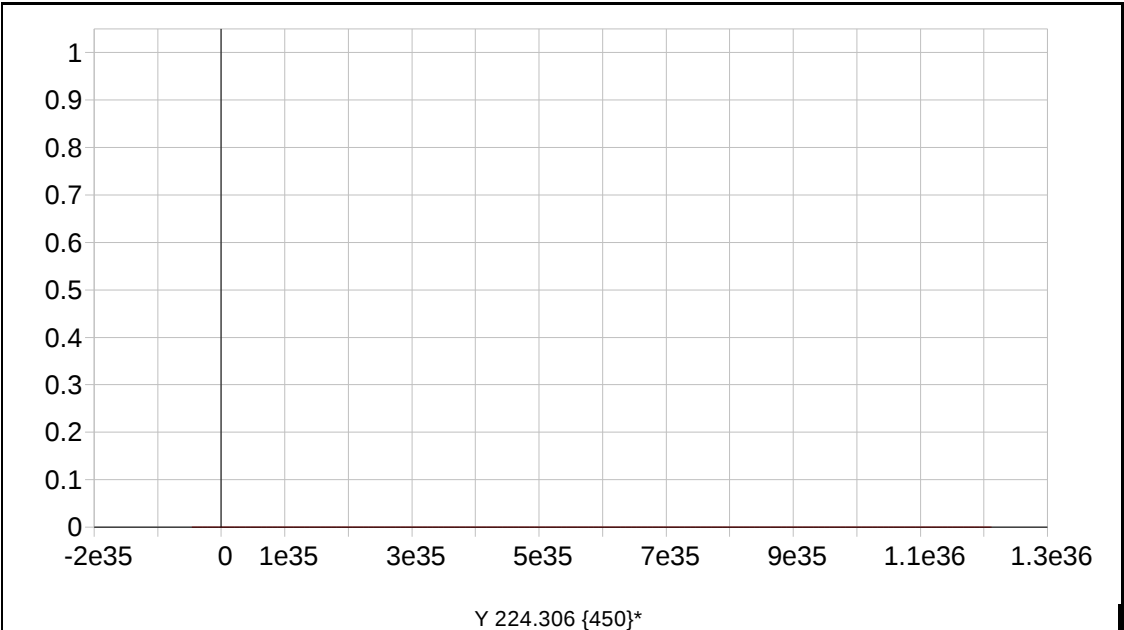
Date of Fit: 8/2/2017 14:29:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004731 Re-Slope: 1.000000
 A1 (Gain): 0.309141 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891 Status: OK.
 Std Error of Est: 0.000156
 Predicted MDL: 0.002215
 Predicted MQL: 0.007382

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00473	.000	1
S1	.04000	.03916	-.001	-2.09	.01683	.001	1
S3	2.5000	2.5720	.072	2.88	.79947	.002	1
S4	5.0000	4.9079	-.092	-1.84	1.5213	.001	1
S5	10.000	10.021	.021	.209	3.1012	.006	1



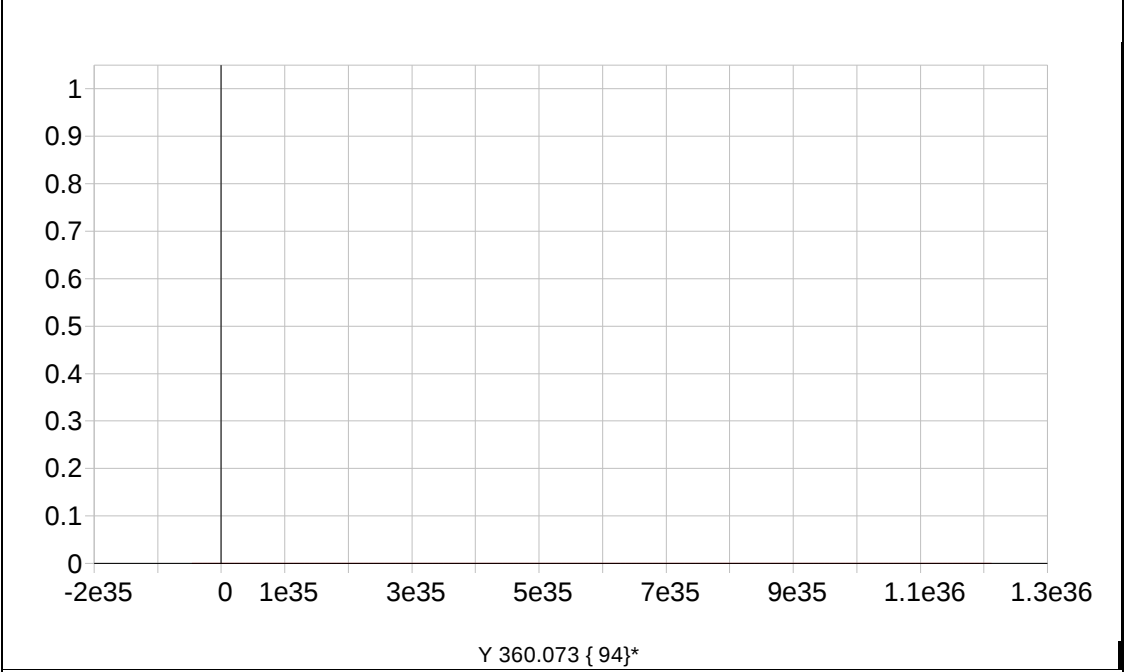




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

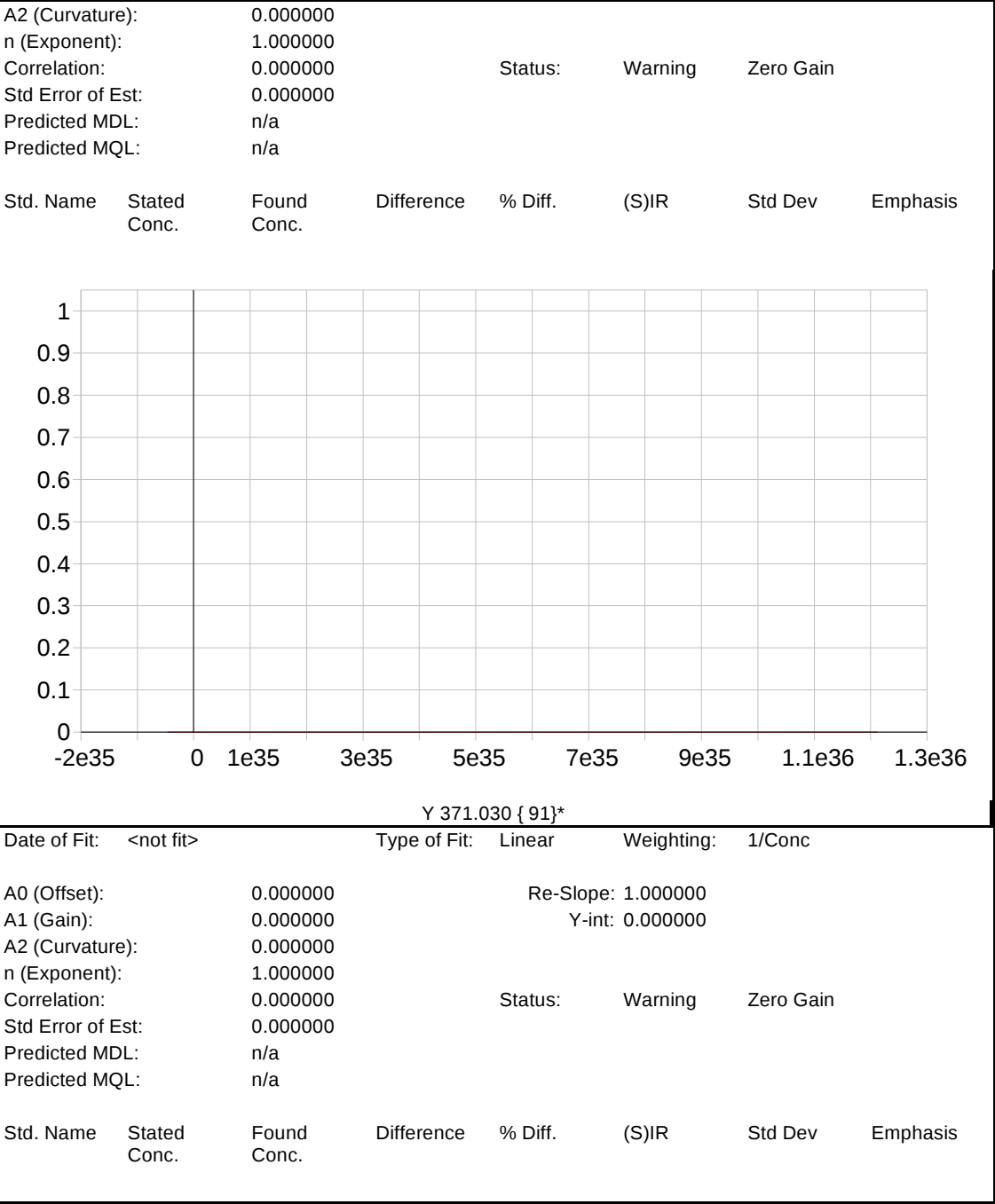
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

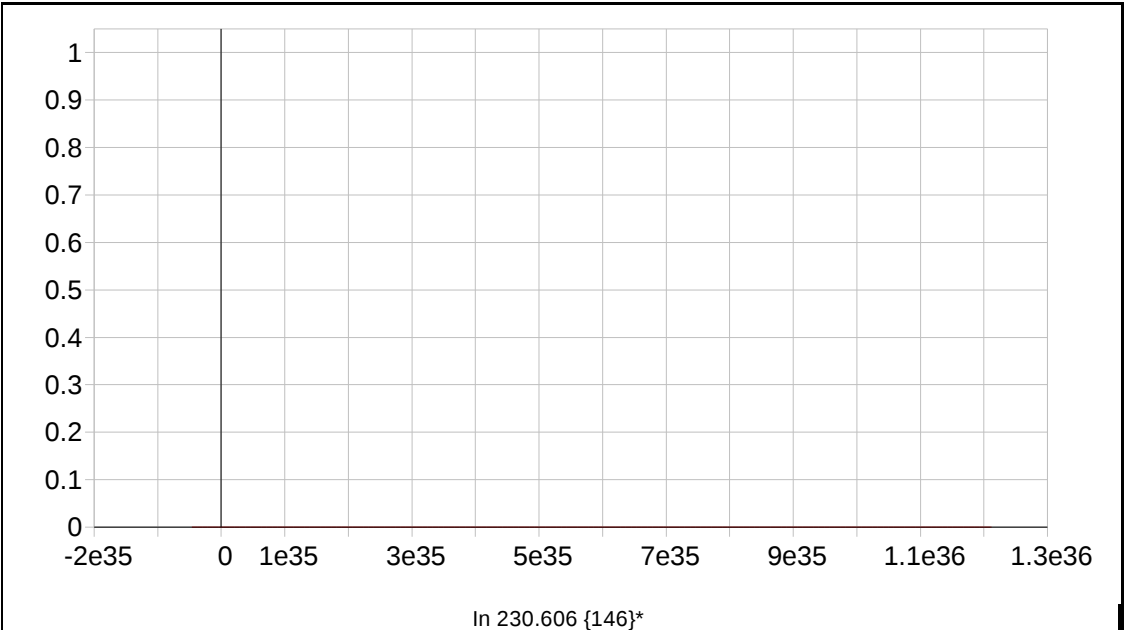
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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

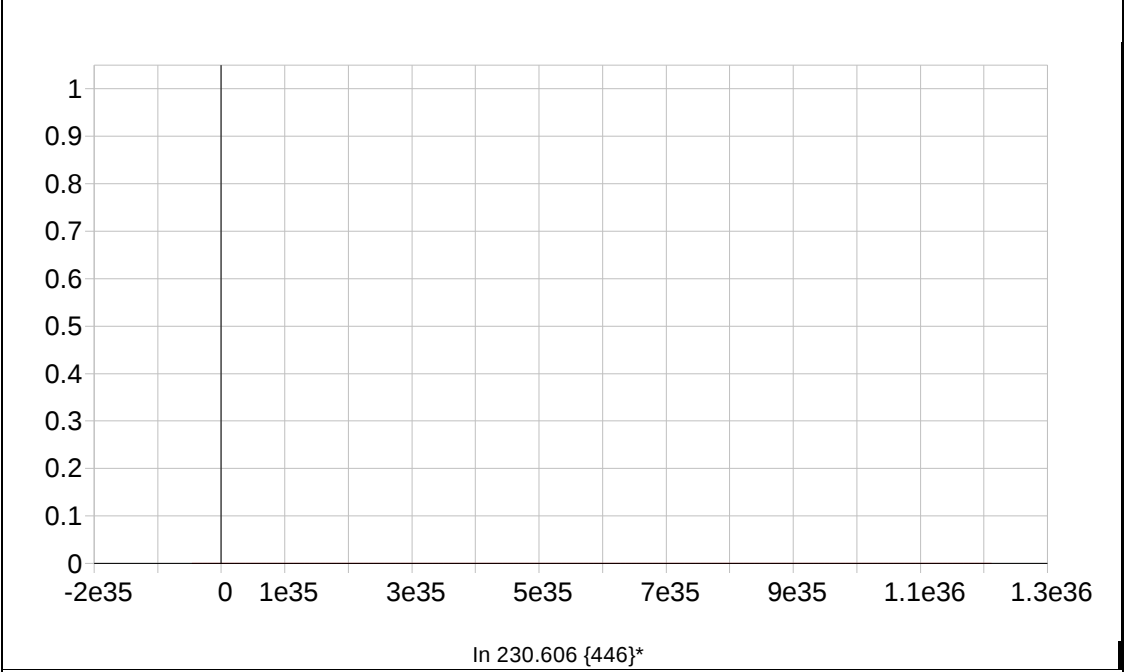




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

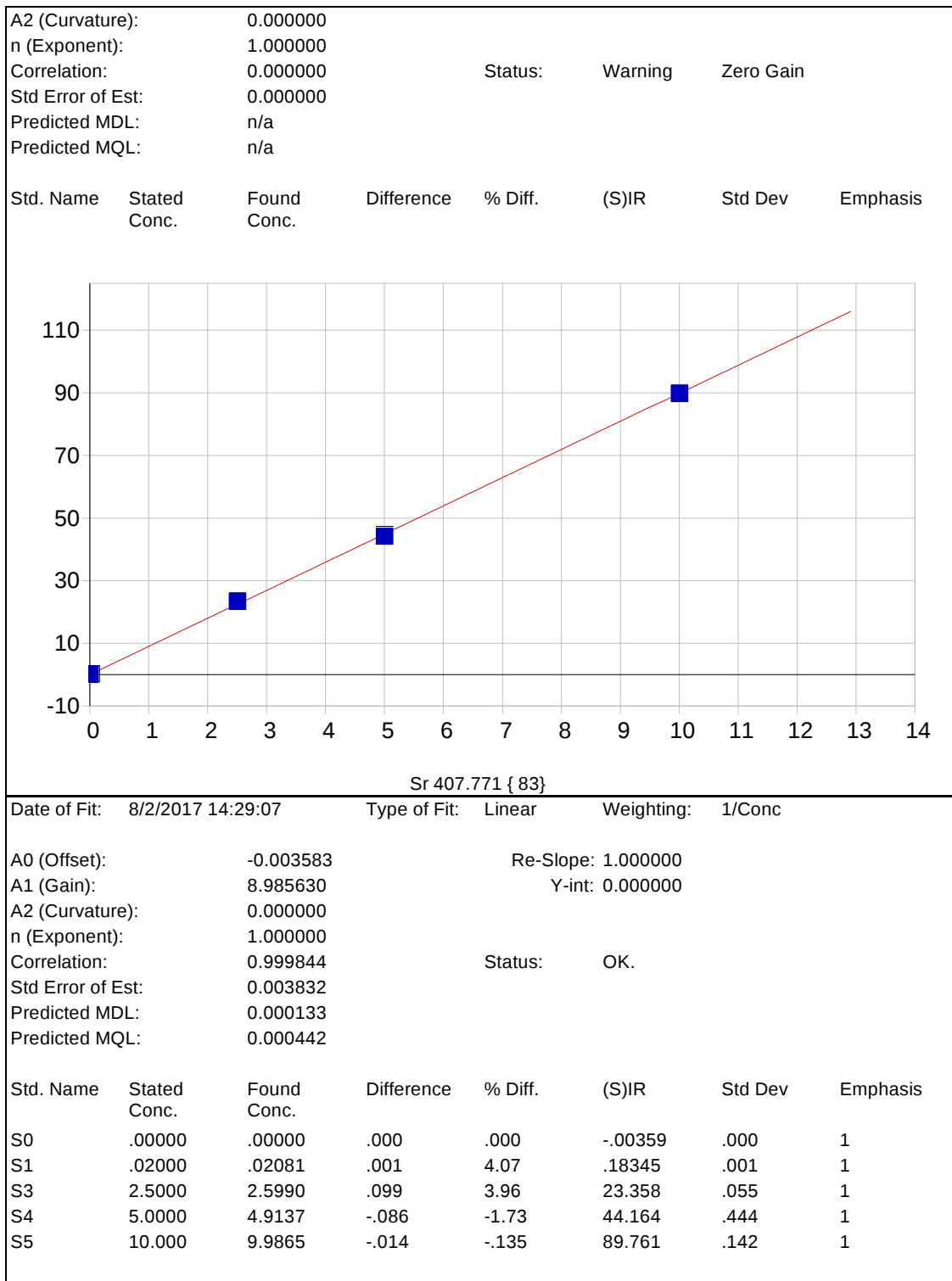
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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: 8/2/2017 13:52:26 Type: Cal
Method: P4-ICP2(v2122) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00054	-.00123	.00042	.00030	.00018	-.00002	.04878	.00001
Stddev	.00001	.00001	.00004	.00032	.00004	.00000	.00212	.00001
%RSD	1.6534	.42874	10.545	104.66	20.241	4.6361	4.3434	128.40

#1	-.00055	-.00123	.00045	.00008	.00015	-.00002	.04728	.00000
#2	-.00053	-.00124	.00039	.00052	.00020	-.00002	.05028	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00034	.00153	.00008	.00127	.00038	.03062	.00021	.00006
Stddev	.00003	.00046	.00000	.00005	.00026	.01599	.00010	.00058
%RSD	9.5035	29.740	4.6643	3.9671	69.669	52.208	46.656	1020.3

#1	-.00032	.00121	.00008	.00131	.00056	.01932	.00014	-.00035
#2	-.00037	.00186	.00008	.00124	.00019	.04193	.00028	.00047

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	-.00010	-.00005	.00741	-.00023	.13555	-.01622	.00018	.00020
Stddev	.00009	.00014	.00014	.00002	.01003	.00663	.00007	.00034
%RSD	86.406	290.69	1.8475	6.8197	7.3970	40.877	37.975	166.39

#1	-.00017	-.00015	.00750	-.00024	.14264	-.01153	.00023	.00044
#2	-.00004	.00005	.00731	-.00022	.12846	-.02091	.00013	-.00004

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	-.00006	.05808	.00038	.00473	.00986	-.0060	-.00359	
Stddev	.00008	.00034	.00005	.00001	.00391	.0001	.00021	
%RSD	141.05	.58466	14.164	.30357	39.622	1.120	5.9266	

#1	-.00012	.05832	.00042	.00474	.00710	-.0060	-.00374	
#2	.00000	.05784	.00034	.00472	.01263	-.0059	-.00344	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4663.9	63085.	4739.0	93.592	3913.8			
Stddev	22.8	152.	14.3	.257	24.6			
%RSD	.48789	.24078	.30090	.27416	.62852			

#1	4647.9	62977.	4749.1	93.411	3896.4			
#2	4680.0	63192.	4729.0	93.773	3931.2			

Sample Name: S1 Acquired: 8/2/2017 13:56:33 Type: Cal
 Method: P4-ICP2(v2122) 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	.00133	.00533	.00356	.00259	.00699	.00072	.48923	.00573
Stddev	.00001	.00005	.00027	.00009	.00006	.00007	.00132	.00001
%RSD	1.1125	.89024	7.5334	3.3490	.88177	9.6788	.26946	.17209

#1	.00132	.00530	.00375	.00252	.00703	.00067	.49016	.00574
#2	.00134	.00536	.00337	.00265	.00694	.00077	.48830	.00573

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	.02152	.00182	.03714	.01351	.18441	.02022	.03567	.00236
Stddev	.00004	.00001	.00021	.00003	.01451	.00006	.00010	.00001
%RSD	.19821	.60581	.55684	.24589	7.8680	.32111	.27783	.55864

#1	.02149	.00183	.03728	.01354	.17415	.02017	.03560	.00235
#2	.02155	.00181	.03699	.01349	.19466	.02027	.03574	.00237

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	.00817	4.6072	.19322	.00583	.00164	.25987	.01203	.01683
Stddev	.00002	.0917	.00010	.00016	.00022	.00223	.00013	.00061
%RSD	.29651	1.9914	.05282	2.7358	13.303	.85750	1.0823	3.6114

#1	.00815	4.6721	.19315	.00571	.00148	.26145	.01194	.01640
#2	.00818	4.5423	.19330	.00594	.00179	.25829	.01212	.01726

Elem	Li6707	P_1774	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.03624	-.0027	.18345
Stddev	.00079	.0001	.00068
%RSD	2.1806	2.222	.36806

#1	.03680	-.0027	.18297
#2	.03568	-.0028	.18393

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4706.7	64250.	4801.8	96.782	4000.3
Stddev	8.7	63.	25.9	2.285	.2
%RSD	.18533	.09728	.53836	2.3612	.00503

#1	4700.5	64206.	4783.5	95.166	4000.5
#2	4712.9	64294.	4820.1	98.398	4000.2

Sample Name: S2 Acquired: 8/2/2017 14:00:55 Type: Cal
Method: P4-ICP2(v2122) 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	.12056	.02893	.41574	.20486
Stddev	.00083	.00037	.00280	.00205
%RSD	.68711	1.2657	.67389	.99872

#1	.11997	.02867	.41376	.20341
#2	.12115	.02919	.41773	.20630

Int. Std.	Y_3710
Units	Cts/S
Avg	4887.9
Stddev	12.9
%RSD	.26435

#1	4897.1
#2	4878.8

Sample Name: S3 Acquired: 8/2/2017 14:05:01 Type: Cal
Method: P4-ICP2(v2122) 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	.23394	.42959	.74206	.28051	.35271	.03330	23.173	.12265
Stddev	.00057	.00049	.00083	.00018	.00023	.00002	.088	.00023
%RSD	.24358	.11297	.11122	.06285	.06590	.05881	.38130	.18914

#1	.23434	.42993	.74148	.28039	.35255	.03331	23.110	.12248
#2	.23354	.42925	.74264	.28064	.35288	.03328	23.235	.12281

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	4.6731	.77344	.08663	1.5659	.39945	4.6090	1.2635	.19451
Stddev	.0034	.00180	.00019	.0008	.00030	.0016	.0003	.00162
%RSD	.07227	.23238	.22194	.05361	.07527	.03553	.02245	.83326

#1	4.6707	.77217	.08677	1.5665	.39966	4.6079	1.2637	.19337
#2	4.6755	.77471	.08650	1.5653	.39924	4.6102	1.2633	.19566

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	1.1421	.15168	2.6917	.28011	140.85	1.4579	2.3874	.14007
Stddev	.0002	.00035	.0203	.00046	.06	.0046	.0016	.00056
%RSD	.01803	.23232	.75507	.16383	.04563	.31259	.06596	.39741

#1	1.1420	.15193	2.6773	.28044	140.81	1.4546	2.3863	.13967
#2	1.1423	.15143	2.7061	.27979	140.90	1.4611	2.3886	.14046

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	.24148	1.4379	.71853	.79947	3.6005	.4449	23.358	
Stddev	.00049	.0086	.00096	.00232	.0190	.0007	.055	
%RSD	.20100	.59778	.13387	.29061	.52675	.1564	.23387	

#1	.24182	1.4318	.71785	.79783	3.5871	.4454	23.319	
#2	.24113	1.4440	.71921	.80112	3.6139	.4444	23.396	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4681.1	64565.	4844.4	97.155	3908.4			
Stddev	2.0	34.	34.6	.028	2.3			
%RSD	.04204	.05328	.71443	.02834	.05780			

#1	4679.7	64541.	4868.8	97.135	3906.8			
#2	4682.5	64589.	4819.9	97.174	3910.0			

Sample Name: S4 Acquired: 8/2/2017 14:09:01 Type: Cal
Method: P4-ICP2(v2122) 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	.45113	.84369	1.4403	.54333	.67867	.06406	43.795	.23458
Stddev	.00079	.00057	.0001	.00055	.00060	.00015	.442	.00078
%RSD	.17418	.06729	.00548	.10117	.08778	.23710	1.0084	.33133

#1	.45057	.84329	1.4402	.54371	.67909	.06416	44.107	.23513
#2	.45169	.84409	1.4404	.54294	.67825	.06395	43.482	.23403

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	9.0683	1.4479	.16424	3.0289	.75676	8.7045	2.3913	.37078
Stddev	.0135	.0066	.00021	.0022	.00203	.0317	.0087	.00047
%RSD	.14897	.45347	.12718	.07312	.26782	.36403	.36343	.12725

#1	9.0588	1.4526	.16409	3.0274	.75533	8.6821	2.3975	.37045
#2	9.0779	1.4433	.16439	3.0305	.75819	8.7269	2.3852	.37111

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	2.2060	.29320	5.1155	.53485	269.47	2.8081	4.5574	.26931
Stddev	.0027	.00081	.0169	.00163	.38	.0050	.0014	.00120
%RSD	.12330	.27653	.32979	.30395	.14224	.17801	.03148	.44570

#1	2.2080	.29377	5.1274	.53600	269.20	2.8117	4.5564	.26846
#2	2.2041	.29262	5.1036	.53370	269.74	2.8046	4.5584	.27016

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	.49379	2.6433	1.3858	1.5213	7.0508	.9018	44.164	
Stddev	.00026	.0022	.0008	.0007	.0080	.0004	.444	
%RSD	.05326	.08447	.05456	.04866	.11279	.0397	1.0051	

#1	.49398	2.6449	1.3853	1.5218	7.0564	.9021	44.478	
#2	.49361	2.6417	1.3864	1.5207	7.0452	.9016	43.850	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4654.6	64731.	4870.1	96.227	3811.1			
Stddev	2.8	281.	11.8	.006	2.2			
%RSD	.06119	.43444	.24298	.00611	.05773			

#1	4652.6	64533.	4861.8	96.231	3809.5			
#2	4656.6	64930.	4878.5	96.223	3812.6			

Sample Name: S5 Acquired: 8/2/2017 14:13:13 Type: Cal
Method: P4-ICP2(v2122) 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	.92134	1.7639	3.0165	1.1028	1.3910	.13095	89.687	.47617
Stddev	.00144	.0047	.0022	.0005	.0005	.00019	.459	.00129
%RSD	.15652	.26690	.07221	.04317	.03371	.14868	.51133	.27013

#1	.92236	1.7672	3.0180	1.1032	1.3914	.13081	90.011	.47708
#2	.92032	1.7606	3.0149	1.1025	1.3907	.13109	89.362	.47526

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	18.819	2.9441	.32992	6.3481	1.5300	17.886	4.7350	.75240
Stddev	.015	.0001	.00047	.0109	.0003	.221	.0064	.00108
%RSD	.07725	.00504	.14104	.17165	.01819	1.2355	.13425	.14383

#1	18.829	2.9442	.33025	6.3558	1.5302	18.042	4.7305	.75316
#2	18.809	2.9440	.32959	6.3404	1.5298	17.730	4.7395	.75163

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	4.5661	.60646	10.500	1.0882	543.67	5.7667	9.2631	.55074
Stddev	.0054	.00103	.036	.0032	6.16	.0197	.0011	.00195
%RSD	.11763	.16921	.34358	.29767	1.1335	.34240	.01206	.35430

#1	4.5699	.60719	10.525	1.0905	548.03	5.7806	9.2639	.54936
#2	4.5623	.60574	10.474	1.0859	539.31	5.7527	9.2623	.55212

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	1.0524	5.1710	2.8865	3.1012	14.409	1.902	89.761	
Stddev	.0008	.0344	.0064	.0063	.057	.004	.142	
%RSD	.07739	.66459	.22238	.20273	.39819	.1823	.15865	

#1	1.0530	5.1953	2.8910	3.1056	14.449	1.905	89.660	
#2	1.0519	5.1467	2.8819	3.0968	14.368	1.900	89.862	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4539.9	63905.	4808.2	93.825	3609.7			
Stddev	5.8	86.	22.4	1.194	9.9			
%RSD	.12747	.13427	.46511	1.2728	.27562			

#1	4535.8	63844.	4792.4	92.980	3602.7			
#2	4544.0	63965.	4824.0	94.669	3616.8			

Sample Name: ICV01 Acquired: 8/2/2017 14:22:05 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0248	1.0016	.98792	1.0096	.98406	2.6012	.51503	.49599
Stddev	.0021	.0015	.00028	.0008	.00029	.0020	.00220	.00214
%RSD	.20301	.14654	.02808	.08031	.02997	.07624	.42704	.43089

#1	1.0234	1.0006	.98811	1.0091	.98385	2.6026	.51659	.49448
#2	1.0263	1.0027	.98772	1.0102	.98427	2.5998	.51348	.49750

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49527	10.337	.51402	.49937	.50732	5.1324	.50419	6.1891
Stddev	.00032	.001	.00253	.00008	.00102	.0648	.00130	.0048
%RSD	.06487	.00580	.49155	.01544	.20133	1.2630	.25854	.07800

#1	.49550	10.338	.51224	.49942	.50804	5.0866	.50327	6.1926
#2	.49505	10.337	.51581	.49931	.50660	5.1783	.50511	6.1857

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50451	.50219	10.216	.50174	1.0445	10.247	2.4500	2.4475
Stddev	.00144	.00111	.007	.00171	.0134	.058	.0003	.0274
%RSD	.28620	.22142	.07328	.34032	1.2869	.56458	.01277	1.1209

#1	.50349	.50141	10.210	.50053	1.0350	10.288	2.4502	2.4281
#2	.50553	.50298	10.221	.50295	1.0540	10.207	2.4497	2.4669

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	2.5635	2.4830	2.3859	2.4601	F 1.5210	F 1.548	F 1.7355	
Stddev	.0052	.0115	.0018	.0016	.0046	.005	.0029	
%RSD	.20130	.46289	.07412	.06666	.30314	.3380	.16514	

#1	2.5598	2.4911	2.3871	2.4613	1.5242	1.545	1.7375	
#2	2.5671	2.4749	2.3846	2.4590	1.5177	1.552	1.7334	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4730.4	64889.	4860.5	96.390	3987.4			
Stddev	5.3	274.	6.5	.979	8.6			
%RSD	.11148	.42274	.13304	1.0156	.21607			

#1	4726.6	65083.	4855.9	97.083	3981.3			
#2	4734.1	64695.	4865.0	95.698	3993.4			

Sample Name: LLICV01 Acquired: 8/2/2017 14:31:01 Type: Unk
Method: P4-ICP2(v2122) 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	.02026	.03781	.01111	.02099	.04848	.10722	.09759	.00605	.00589
Stddev	.00024	.00067	.00083	.00036	.00084	.00432	.00057	.00003	.00003
%RSD	1.1873	1.7610	7.4880	1.7189	1.7421	4.0297	.58643	.57042	.58461

#1	.02009	.03828	.01170	.02073	.04908	.11028	.09719	.00607	.00587
#2	.02043	.03734	.01052	.02124	.04788	.10417	.09800	.00602	.00592

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9330	.01001	.02842	.01817	.08769	.01972	1.9305	.03908	.00945
Stddev	.0027	.00017	.00015	.00085	.00575	.00001	.0207	.00050	.00063
%RSD	.13815	1.6927	.54238	4.6618	6.5521	.04542	1.0728	1.2698	6.6962

#1	1.9348	.01013	.02853	.01758	.08363	.01973	1.9451	.03944	.00990
#2	1.9311	.00989	.02831	.01877	.09176	.01972	1.9158	.03873	.00901

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	1.9409	.03836	.03896	1.9603	.20446	.09735	.01605	.37424	.04143
Stddev	.0081	.00040	.00026	.0055	.00034	.00088	.00071	.00373	.00022
%RSD	.41725	1.0455	.65567	.27924	.16434	.90685	4.4103	.99562	.52944

#1	1.9466	.03808	.03878	1.9642	.20423	.09797	.01655	.37688	.04128
#2	1.9351	.03865	.03914	1.9565	.20470	.09672	.01555	.37161	.04159

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.03948	.01690	.0195	.02048
Stddev	.00119	.00009	.0002	.00008
%RSD	3.0091	.55638	1.255	.37315

#1	.03864	.01684	.0193	.02054
#2	.04032	.01697	.0196	.02043

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4783.9	64448.	4903.4	100.79	4016.2
Stddev	6.7	122.	47.5	.65	8.5
%RSD	.13949	.18927	.96788	.64473	.21183

#1	4779.2	64534.	4869.8	101.24	4010.2
#2	4788.7	64361.	4936.9	100.33	4022.2

Sample Name: ICB01 Acquired: 8/2/2017 14:35:05 Type: Unk
Method: P4-ICP2(v2122) 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	.00048	.00109	-.00001	.00142	-.00030	.00257	-.00112	.00004
Stddev	.00078	.00073	.00053	.00101	.00089	.01231	.00035	.00004
%RSD	164.55	66.752	3711.9	71.412	297.71	479.13	31.437	93.876

#1	-.00008	.00058	-.00039	.00213	-.00093	.01127	-.00138	.00001
#2	.00103	.00161	.00036	.00070	.00033	-.00613	-.00087	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00605	.00003	-.00009	-.00004	-.01763	-.00003	-.01506
Stddev	.00009	.00593	.00012	.00021	.00010	.01821	.00005	.01733
%RSD	214.89	98.126	355.86	227.08	225.05	103.29	173.46	115.07

#1	.00002	-.01024	.00012	-.00024	.00003	-.00475	.00001	-.02732
#2	-.00010	-.00185	-.00005	.00006	-.00011	-.03050	-.00007	-.00281

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00033	.01237	-.00036	-.00028	.02807	.00053	.00271
Stddev	.00026	.00018	.00895	.00013	.00002	.00813	.00018	.00379
%RSD	1745.3	53.629	72.321	35.863	5.6858	28.977	34.524	139.96

#1	.00017	-.00046	.01870	-.00027	-.00029	.02232	.00066	.00003
#2	-.00020	-.00021	.00604	-.00045	-.00027	.03382	.00040	.00539

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00028	.00194	.00128	-.00138	-.00014	.0009	.00001	
Stddev	.00010	.00065	.00004	.00182	.00045	.0008	.00003	
%RSD	36.091	33.484	3.3812	132.33	314.60	87.93	586.75	

#1	.00035	.00240	.00131	-.00266	.00018	.0015	.00003	
#2	.00021	.00148	.00125	-.00009	-.00046	.0004	-.00002	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4691.6	63950.	4853.2	95.364	3893.1			
Stddev	18.6	335.	1.7	1.270	15.1			
%RSD	.39599	.52384	.03497	1.3313	.38913			

#1	4678.5	64186.	4852.0	96.261	3882.4			
#2	4704.7	63713.	4854.4	94.466	3903.8			

Sample Name: CRI01 Acquired: 8/2/2017 14:39:28 Type: Unk
Method: P4-ICP2(v2122) 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	.02022	.03807	.01098	.01953	.04960	.10392	.09785	.00602	.00597
Stddev	.00053	.00016	.00001	.00060	.00038	.00999	.00005	.00003	.00007
%RSD	2.6002	.41562	.09212	3.0537	.76298	9.6114	.05249	.53804	1.2077

#1	.02059	.03818	.01098	.01911	.04934	.11099	.09781	.00599	.00592
#2	.01985	.03796	.01099	.01995	.04987	.09686	.09789	.00604	.00602

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9667	.01072	.02914	.01776	.08214	.02005	1.9865	.03965	.00983
Stddev	.0084	.00033	.00016	.00008	.00309	.00003	.0206	.00027	.00036
%RSD	.42506	3.0795	.55854	.46760	3.7588	.16184	1.0354	.67116	3.6375

#1	1.9608	.01048	.02903	.01770	.07996	.02007	2.0010	.03946	.01008
#2	1.9726	.01095	.02926	.01782	.08433	.02003	1.9720	.03984	.00957

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	1.9927	.03982	.04023	2.0081	.20825	.10005	.01813	.40963	.04121
Stddev	.0168	.00010	.00021	.0176	.00004	.00496	.00008	.00250	.00002
%RSD	.84473	.25411	.52313	.87492	.01828	4.9596	.45509	.60913	.05351

#1	1.9808	.03975	.04008	2.0205	.20822	.09654	.01807	.41139	.04123
#2	2.0046	.03989	.04038	1.9956	.20827	.10355	.01819	.40786	.04119

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.03891	.01840	.0209	.02089
Stddev	.00416	.00153	.0010	.00024
%RSD	10.690	8.2938	4.918	1.1321

#1	.03597	.01948	.0202	.02072
#2	.04185	.01732	.0216	.02106

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4749.6	64321.	4884.0	98.758	3984.0
Stddev	3.7	63.	11.3	.449	3.8
%RSD	.07775	.09730	.23213	.45509	.09551

#1	4747.0	64366.	4876.0	99.076	3986.7
#2	4752.2	64277.	4892.0	98.440	3981.3

Sample Name: ICSA01 Acquired: 8/2/2017 14:43:40 Type: Unk
Method: P4-ICP2(v2122) 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	.00238	.00416	.00147	.00546	.00161	259.23	.00493
Stddev	.00007	.00066	.00005	.00269	.00051	1.41	.00081
%RSD	2.9195	15.796	3.6075	49.257	31.888	.54367	16.518

#1	.00243	.00369	.00144	.00736	.00125	258.23	.00551
#2	.00233	.00462	.00151	.00356	.00198	260.23	.00436

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	.00116	241.92	.04670	-.00076	.00440	100.41
Stddev	.00007	.00024	.33	.00010	.00033	.00040	1.21
%RSD	27.844	20.724	.13712	.21224	43.674	9.0253	1.2065

#1	-.00029	.00133	241.69	.04677	-.00053	.00468	99.555
#2	-.00019	.00099	242.16	.04663	-.00100	.00412	101.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01286	252.07	.00292	.00730	.04565	.00133	.00303
Stddev	.00003	1.97	.00005	.00058	.00067	.00033	.00007
%RSD	.21737	.78193	1.8021	7.9029	1.4661	24.960	2.3701

#1	.01284	250.67	.00288	.00689	.04613	.00110	.00298
#2	.01288	253.46	.00295	.00770	.04518	.00157	.00309

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04402	.00034	F .08346	F -.01382	.00514	.00099	-.00287
Stddev	.06029	.00026	.00054	.00214	.00770	.00079	.00396
%RSD	136.97	75.347	.64509	15.460	149.86	79.689	137.85

#1	.00138	.00016	.08384	-.01231	.01059	.00043	-.00567
#2	.08665	.00053	.08308	-.01533	-.00031	.00155	-.00007

Elem	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm
Avg	.00513	.0085	F .07981
Stddev	.00246	.0004	.00021
%RSD	47.963	4.505	.26731

#1	.00339	.0088	.07966
#2	.00687	.0083	.07996

Sample Name: ICSA01 Acquired: 8/2/2017 14:43:40 Type: Unk
Method: P4-ICP2(v2122) 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	4387.1	61607.	4752.7	88.544	3532.0
Stddev	10.5	215.	8.5	.718	2.7
%RSD	.23982	.34852	.17852	.81116	.07716
#1	4379.7	61759.	4746.7	89.052	3530.1
#2	4394.6	61455.	4758.7	88.036	3533.9

Sample Name: ICSAB01 Acquired: 8/2/2017 14:47:55 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10449	.10981	.05755	.06137	.58852	245.88	.51195	.49510	.93473
Stddev	.00185	.00091	.00146	.00179	.00114	.36	.00225	.00071	.00143
%RSD	1.7662	.82833	2.5449	2.9145	.19395	.14765	.43988	.14281	.15248

#1	.10319	.11045	.05652	.06010	.58771	245.63	.51036	.49460	.93574
#2	.10580	.10916	.05859	.06263	.58932	246.14	.51354	.49560	.93372

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	232.42	.52522	.46782	.45972	94.642	.48320	240.38	.92221	.21515
Stddev	.78	.00015	.00103	.00311	.164	.00108	.90	.00136	.00128
%RSD	.33463	.02796	.22026	.67754	.17288	.22380	.37351	.14758	.59309

#1	231.87	.52532	.46855	.46192	94.758	.48244	239.75	.92317	.21425
#2	232.97	.52512	.46709	.45752	94.527	.48397	241.02	.92124	.21606

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	.08113	.48498	.99459	.07590	.99917	1.0861	.85591	.99719	1.0012
Stddev	.00032	.00028	.00016	.02640	.00159	.0015	.00134	.00564	.0009
%RSD	.39480	.05673	.01597	34.784	.15908	.13584	.15602	.56596	.09435

#1	.08136	.48479	.99471	.05723	1.0003	1.0851	.85686	.99320	1.0019
#2	.08090	.48517	.99448	.09457	.99805	1.0871	.85497	1.0012	1.0005

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	1.0559	1.0652	F 1.076	1.1079
Stddev	.0076	.0026	.002	.0026
%RSD	.71844	.24307	.2041	.23410

#1	1.0505	1.0634	1.078	1.1060
#2	1.0613	1.0671	1.075	1.1097

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4441.8	62784.	4807.1	90.598	3551.2
Stddev	18.8	20.	18.3	.183	12.8
%RSD	.42246	.03141	.38064	.20198	.36178

#1	4428.5	62770.	4820.1	90.468	3542.1
#2	4455.0	62798.	4794.2	90.727	3560.3

Sample Name: CCV01 Acquired: 8/2/2017 14:52:00 Type: Unk
Method: P4-ICP2(v2122) 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	5.0137	4.9900	4.9394	5.0691	5.0091	10.072	9.9978	.25422	2.4949
Stddev	.0021	.0060	.0124	.0075	.0147	.035	.0384	.00008	.0077
%RSD	.04250	.12028	.25133	.14724	.29423	.34362	.38428	.03111	.30860

#1	5.0122	4.9857	4.9306	5.0638	4.9987	10.047	9.9706	.25416	2.4895
#2	5.0152	4.9942	4.9482	5.0744	5.0195	10.096	10.025	.25428	2.5004

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.226	1.0191	2.4868	1.2580	5.1117	2.5227	25.137	2.5043	1.2498
Stddev	.009	.0002	.0061	.0053	.1267	.0004	.158	.0074	.0021
%RSD	.03720	.02057	.24708	.42511	2.4782	.01424	.63049	.29506	.16935

#1	25.233	1.0192	2.4825	1.2542	5.2012	2.5230	25.025	2.4991	1.2484
#2	25.219	1.0189	2.4911	1.2618	5.0221	2.5225	25.249	2.5095	1.2513

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.245	2.5292	2.5584	25.194	4.9990	5.0361	4.9752	5.0927	4.9743
Stddev	.020	.0015	.0745	.062	.0092	.0095	.0092	.0076	.0097
%RSD	.08032	.06011	2.9109	.24506	.18477	.18796	.18566	.15028	.19527

#1	25.260	2.5281	2.6111	25.237	4.9925	5.0294	4.9687	5.0873	4.9675
#2	25.231	2.5302	2.5058	25.150	5.0055	5.0428	4.9817	5.0981	4.9812

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	5.0556	5.0475	5.133	5.0446
Stddev	.0240	.0098	.012	.0381
%RSD	.47506	.19406	.2366	.75448

#1	5.0386	5.0406	5.124	5.0715
#2	5.0726	5.0545	5.141	5.0177

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4633.1	63941.	4820.3	94.374	3767.6
Stddev	7.0	35.	9.2	2.831	8.8
%RSD	.15030	.05445	.19061	3.0000	.23421

#1	4638.0	63917.	4813.8	92.372	3773.8
#2	4628.2	63966.	4826.8	96.376	3761.3

Sample Name: LLCCV01 Acquired: 8/2/2017 14:56:09 Type: Unk
Method: P4-ICP2(v2122) 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	.02044	.03828	.01104	.01986	.04900	.11054	.09942	.00614	.00585
Stddev	.00068	.00052	.00099	.00122	.00103	.00488	.00039	.00005	.00008
%RSD	3.3518	1.3483	8.9454	6.1497	2.1094	4.4161	.38906	.83586	1.3639

#1	.02092	.03792	.01173	.02072	.04973	.10709	.09969	.00617	.00591
#2	.01995	.03865	.01034	.01899	.04827	.11399	.09914	.00610	.00580

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9772	.01026	.02904	.01800	.09179	.02008	2.0011	.03963	.01013
Stddev	.0050	.00010	.00007	.00038	.00048	.00001	.0100	.00026	.00030
%RSD	.25279	.94658	.25366	2.1371	.51909	.05683	.49896	.66242	2.9942

#1	1.9807	.01019	.02898	.01827	.09213	.02007	2.0082	.03982	.00991
#2	1.9737	.01033	.02909	.01773	.09146	.02009	1.9941	.03945	.01034

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	1.9950	.03973	.04139	1.9751	.21066	.10450	.01785	.41835	.04206
Stddev	.0000	.00033	.00014	.0032	.00135	.00207	.00077	.00293	.00006
%RSD	.00111	.84223	.34628	.16003	.64087	1.9816	4.3157	.70083	.13121

#1	1.9950	.03950	.04149	1.9729	.21161	.10304	.01840	.41628	.04202
#2	1.9950	.03997	.04129	1.9773	.20970	.10597	.01731	.42042	.04210

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.04016	.01943	.0219	.02078
Stddev	.00072	.00014	.0004	.00001
%RSD	1.7931	.72051	1.718	.06582

#1	.03965	.01953	.0216	.02079
#2	.04067	.01933	.0221	.02077

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4745.4	64162.	4827.8	96.939	4000.9
Stddev	12.3	29.	11.9	.658	1.7
%RSD	.25849	.04506	.24643	.67859	.04129

#1	4736.8	64183.	4819.4	96.474	3999.7
#2	4754.1	64142.	4836.2	97.405	4002.1

Sample Name: CCB01 Acquired: 8/2/2017 15:00:34 Type: Unk
Method: P4-ICP2(v2122) 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	.00126	.00141	-.00096	.00121	-.00176	.01179	-.00103	.00002
Stddev	.00065	.00006	.00017	.00043	.00027	.00144	.00067	.00000
%RSD	52.074	3.9913	17.762	35.080	15.102	12.234	64.430	3.5959

#1	.00172	.00145	-.00084	.00091	-.00157	.01282	-.00150	.00002
#2	.00079	.00137	-.00108	.00151	-.00194	.01077	-.00056	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00755	-.00007	-.00013	.00008	-.00618	-.00001	-.02033
Stddev	.00007	.00321	.00018	.00015	.00022	.00757	.00001	.02425
%RSD	112.48	42.469	255.34	117.95	286.22	122.48	74.247	119.27

#1	-.00001	-.00528	-.00020	-.00024	.00024	-.00083	-.00001	-.00319
#2	-.00011	-.00982	.00006	-.00002	-.00008	-.01153	-.00002	-.03748

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	.00004	.00151	-.00016	-.00033	.02075	.00042	.00498
Stddev	.00004	.00070	.00237	.00000	.00001	.00899	.00002	.00450
%RSD	15.674	1948.8	156.40	.83349	3.4727	43.304	4.5650	90.339

#1	.00025	.00053	.00319	-.00016	-.00032	.02711	.00043	.00180
#2	.00031	-.00046	-.00016	-.00016	-.00034	.01440	.00041	.00817

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00028	-.00305	.00105	-.00015	-.00206	-.0002	-.00004	
Stddev	.00079	.00175	.00021	.00063	.00178	.0002	.00013	
%RSD	279.74	57.501	19.930	411.59	86.298	103.4	313.81	

#1	.00028	-.00428	.00120	-.00060	-.00331	.0000	.00005	
#2	-.00084	-.00181	.00091	.00029	-.00080	-.0003	-.00014	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4816.7	65260.	4901.9	98.806	4012.7			
Stddev	1.0	70.	.4	.501	14.1			
%RSD	.01981	.10694	.00757	.50692	.35016			

#1	4817.4	65211.	4902.2	98.452	4002.7			
#2	4816.1	65309.	4901.7	99.160	4022.6			

Sample Name: S 100PPM Acquired: 8/2/2017 15:08:20 Type: Unk
Method: P4-ICP2(v2122) 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	.00113	.00079	-.00009	.00078	.00137	.00494	-.00072	.00002
Stddev	.00064	.00144	.00024	.00137	.00083	.00277	.00024	.00000
%RSD	56.812	182.73	272.58	174.61	60.653	56.117	33.091	5.0396

#1	.00158	-.00023	-.00026	.00175	.00196	.00690	-.00055	.00002
#2	.00068	.00180	.00008	-.00018	.00078	.00298	-.00089	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00236	.00115	-.00011	.00012	-.01106	.00029	.00971
Stddev	.00007	.00329	.00020	.00006	.00018	.00620	.00003	.03156
%RSD	153.82	139.48	17.817	51.768	145.21	56.108	11.606	325.05

#1	.00000	-.00003	.00100	-.00007	.00025	-.01544	.00026	.03202
#2	.00010	-.00469	.00129	-.00015	.00000	-.00667	.00031	-.01261

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	-.00032	.03035	-.00022	.00204	.03071	.00541	.00255
Stddev	.00001	.00004	.00306	.00040	.00008	.01608	.00012	.00164
%RSD	.62267	11.333	10.067	179.91	4.0384	52.367	2.2702	64.367

#1	.00115	-.00035	.02819	.00006	.00198	.01934	.00532	.00371
#2	.00114	-.00029	.03252	-.00051	.00210	.04208	.00550	.00139

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	105.14	.00184	.00460	.00622	.00429	.0045	.00152	
Stddev	.34	.00209	.00059	.00105	.00068	.0002	.00001	
%RSD	.32401	113.79	12.755	16.960	15.879	5.523	.73762	

#1	105.38	.00332	.00419	.00696	.00381	.0047	.00151	
#2	104.90	.00036	.00502	.00547	.00477	.0043	.00153	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4771.1	65046.	4888.5	101.53	4129.4			
Stddev	26.8	334.	2.3	.55	22.1			
%RSD	.56273	.51306	.04785	.54501	.53601			

#1	4752.1	64810.	4890.2	101.92	4113.7			
#2	4790.1	65282.	4886.9	101.14	4145.0			

Sample Name: S 135PPM Acquired: 8/2/2017 15:13:34 Type: Unk
Method: P4-ICP2(v2122) 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	.00029	.00103	-.00124	.00142	.00148	.01006	.00018	.00002
Stddev	.00005	.00027	.00073	.00110	.00083	.01341	.00008	.00000
%RSD	17.795	26.379	59.297	77.553	55.895	133.26	41.427	8.9937

#1	.00033	.00122	-.00175	.00220	.00206	.01955	.00024	.00002
#2	.00026	.00084	-.00072	.00064	.00089	.00058	.00013	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00744	.00090	-.00024	.00016	-.00753	.00041	-.02494
Stddev	.00014	.00672	.00042	.00021	.00024	.00594	.00004	.04289
%RSD	605.49	90.278	46.859	84.739	151.63	78.837	10.131	171.98

#1	-.00007	-.00269	.00060	-.00039	.00032	-.01173	.00038	.00539
#2	.00012	-.01219	.00120	-.00010	-.00001	-.00333	.00044	-.05526

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00123	.00002	.01064	.00015	.00326	.03405	.00707	.00599
Stddev	.00015	.00026	.00501	.00002	.00005	.03889	.00011	.00255
%RSD	12.345	1270.7	47.126	13.913	1.5704	114.21	1.5169	42.604

#1	.00134	-.00016	.00709	.00014	.00330	.06155	.00714	.00779
#2	.00112	.00020	.01418	.00017	.00322	.00655	.00699	.00418

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	136.50	.00240	.00475	.00666	.00191	.0061	.00197	
Stddev	.09	.00047	.00050	.00011	.00123	.0003	.00007	
%RSD	.06351	19.722	10.609	1.5958	64.264	5.467	3.3234	

#1	136.57	.00206	.00510	.00658	.00278	.0058	.00202	
#2	136.44	.00273	.00439	.00673	.00104	.0063	.00192	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4838.0	65887.	4906.6	102.12	4203.8			
Stddev	9.2	26.	9.0	.87	12.0			
%RSD	.19053	.04014	.18362	.85299	.28649			

#1	4831.5	65906.	4913.0	102.73	4195.3			
#2	4844.5	65869.	4900.2	101.50	4212.3			

Sample Name: I4545-01 Acquired: 8/2/2017 15:29:00 Type: Unk
Method: P4-ICP2(v2122) 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	51.511	.03077	82.380	.34659	.19516	94.414	7.8065	.01124
Stddev	.075	.00042	.208	.00306	.00018	.017	.0655	.00005
%RSD	.14514	1.3505	.25190	.88275	.09337	.01817	.83969	.46500

#1	51.458	.03107	82.233	.34443	.19529	94.402	7.7601	.01128
#2	51.564	.03048	82.527	.34876	.19503	94.426	7.8528	.01120

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35699	91.139	.22367	.11696	1.2406	229.75	1.7049	10.880
Stddev	.00080	.058	.00130	.00034	.0001	2.97	.0005	.021
%RSD	.22495	.06355	.58100	.29325	.00688	1.2935	.02872	.19402

#1	.35642	91.098	.22275	.11721	1.2406	227.64	1.7045	10.895
#2	.35755	91.180	.22459	.11672	1.2407	231.85	1.7052	10.865

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26071	.99388	11.907	.37702	F 54.234	12.683	.07611	.30954
Stddev	.00067	.00164	.002	.00010	1.003	.006	.00064	.00633
%RSD	.25653	.16476	.01862	.02668	1.8501	.04921	.84666	2.0450

#1	.26118	.99272	11.905	.37695	53.524	12.678	.07657	.30506
#2	.26023	.99504	11.908	.37709	54.943	12.687	.07566	.31401

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	131.87	27.678	1.2804	2.1487	.17193	12.42	.83494	
Stddev	.29	.004	.0020	.0255	.00014	.02	.00049	
%RSD	.21888	.01613	.15346	1.1858	.08154	.2008	.05831	

#1	131.66	27.675	1.2790	2.1667	.17183	12.40	.83529	
#2	132.07	27.681	1.2818	2.1307	.17202	12.44	.83460	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5171.4	74342.	5552.9	97.847	3882.1			
Stddev	3.7	195.	21.1	1.520	6.4			
%RSD	.07212	.26281	.38073	1.5534	.16581			

#1	5174.1	74204.	5538.0	98.922	3886.6			
#2	5168.8	74480.	5567.9	96.772	3877.5			

Sample Name: S 170PPM Acquired: 8/2/2017 15:33:14 Type: Unk
Method: P4-ICP2(v2122) 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	.00197	.00042	.00070	.00082	.00029	.00377	-.00107	.00001
Stddev	.00121	.00094	.00033	.00060	.00038	.00953	.00060	.00002
%RSD	61.603	222.29	47.555	72.324	130.11	252.88	55.411	118.09

#1	.00283	-.00024	.00047	.00125	.00002	.01051	-.00149	.00000
#2	.00111	.00109	.00094	.00040	.00057	-.00297	-.00065	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00147	.00141	-.00010	-.00014	.00728	.00056	-.04723
Stddev	.00006	.00918	.00015	.00003	.00026	.00635	.00003	.01434
%RSD	392.49	622.76	10.707	33.843	180.81	87.313	4.5743	30.355

#1	-.00005	-.00502	.00151	-.00012	.00004	.01177	.00054	-.05737
#2	.00003	.00797	.00130	-.00008	-.00032	.00278	.00057	-.03710

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	.00024	.00335	.00007	.01752	-.00819	.00864	.00968
Stddev	.00032	.00018	.00267	.00025	.00255	.00371	.00002	.00443
%RSD	30.822	75.188	79.813	373.63	14.538	45.315	.18323	45.743

#1	.00082	.00011	.00524	.00024	.01932	-.01081	.00865	.01281
#2	.00127	.00037	.00146	-.00011	.01572	-.00556	.00863	.00655

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	170.54	.00463	.00671	.00862	.00020	.0064	.00263	
Stddev	.73	.00115	.00039	.00121	.00031	.0016	.00001	
%RSD	.42836	24.820	5.8339	13.994	151.82	24.65	.47275	

#1	170.02	.00545	.00643	.00947	.00042	.0075	.00262	
#2	171.06	.00382	.00698	.00777	-.00001	.0053	.00264	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4836.3	66536.	4952.0	102.60	4190.3			
Stddev	2.3	126.	13.1	2.42	11.1			
%RSD	.04747	.18980	.26476	2.3600	.26549			

#1	4837.9	66447.	4942.7	104.31	4198.2			
#2	4834.7	66625.	4961.3	100.89	4182.5			

Sample Name: I4545-02 Acquired: 8/2/2017 15:37:30 Type: Unk
Method: P4-ICP2(v2122) 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	.14390	.01665	.88377	.20452	.01347	214.90	1.0642	.01091	.00685
Stddev	.00125	.00017	.00091	.00139	.00304	.09	.0036	.00010	.00018
%RSD	.86983	1.0290	.10244	.67887	22.583	.04102	.33781	.88013	2.6170

#1	.14479	.01653	.88313	.20354	.01562	214.96	1.0667	.01098	.00672
#2	.14302	.01677	.88441	.20550	.01132	214.83	1.0616	.01084	.00697

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.405	.40405	.26151	.39288	509.80	5.8679	101.38	.52944	.04072
Stddev	.054	.00053	.00071	.00278	2.31	.0024	.22	.00033	.00022
%RSD	.17107	.13137	.26990	.70660	.45306	.04154	.21678	.06247	.54193

#1	31.367	.40443	.26101	.39484	508.16	5.8662	101.53	.52920	.04057
#2	31.443	.40368	.26201	.39092	511.43	5.8696	101.22	.52967	.04088

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	2.4786	.71146	2.1589	35.813	.02061	.55450	.47423	35.384	.05975
Stddev	.0174	.00028	.0124	.075	.00003	.00032	.00498	.186	.00021
%RSD	.70005	.03993	.57237	.20971	.14269	.05712	1.0504	.52501	.35131

#1	2.4908	.71166	2.1501	35.866	.02059	.55428	.47775	35.515	.05960
#2	2.4663	.71126	2.1676	35.760	.02063	.55472	.47070	35.252	.05990

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	13.255	.37433	9.639	.22184
Stddev	.011	.00051	.017	.00044
%RSD	.08506	.13550	.1808	.20035

#1	13.263	.37397	9.626	.22215
#2	13.247	.37469	9.651	.22152

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6231.9	89723.	6711.8	94.086	3575.3
Stddev	24.1	35.	15.2	.293	5.0
%RSD	.38644	.03886	.22606	.31094	.13959

#1	6214.9	89698.	6701.1	94.293	3571.7
#2	6248.9	89748.	6722.6	93.880	3578.8

Sample Name: I4545-03 Acquired: 8/2/2017 15:41:41 Type: Unk
Method: P4-ICP2(v2122) 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	.12612	.01926	4.2208	.16696	.02160	145.03	1.3497	.00816	.00867
Stddev	.00152	.00095	.0025	.00373	.00036	.53	.0043	.00022	.00074
%RSD	1.2062	4.9369	.05953	2.2343	1.6688	.36380	.32206	2.6467	8.5011

#1	.12720	.01993	4.2190	.16960	.02134	144.66	1.3467	.00800	.00815
#2	.12505	.01859	4.2226	.16432	.02185	145.40	1.3528	.00831	.00919

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.841	.29140	.19381	1.5264	422.04	7.1098	52.899	.30983	.03434
Stddev	.256	.00049	.00014	.0047	7.19	.0696	.343	.00020	.00099
%RSD	.46624	.16913	.07209	.30945	1.7032	.97936	.64837	.06382	2.8707

#1	54.660	.29175	.19371	1.5231	427.12	7.0606	52.656	.30969	.03504
#2	55.022	.29105	.19391	1.5297	416.95	7.1591	53.141	.30997	.03364

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	3.3436	.51568	4.3608	20.931	.04549	.45293	1.0835	30.238	1.0444
Stddev	.0109	.00158	.0636	.063	.00026	.00713	.0027	.065	.0001
%RSD	.32445	.30723	1.4589	.30013	.56927	1.5744	.25048	.21401	.01037

#1	3.3359	.51456	4.4058	20.886	.04567	.45797	1.0854	30.192	1.0444
#2	3.3513	.51680	4.3158	20.975	.04531	.44788	1.0816	30.283	1.0445

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	6.5543	.27681	9.992	.53647
Stddev	.0114	.00417	.007	.00110
%RSD	.17333	1.5067	.0738	.20432

#1	6.5463	.27386	9.997	.53570
#2	6.5624	.27975	9.987	.53725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5775.3	82020.	6095.5	96.234	3711.6
Stddev	1.3	288.	31.3	1.559	6.4
%RSD	.02238	.35166	.51401	1.6202	.17181

#1	5774.4	82224.	6117.6	95.131	3707.1
#2	5776.2	81816.	6073.3	97.336	3716.1

Sample Name: I4545-04 Acquired: 8/2/2017 15:45:53 Type: Unk
Method: P4-ICP2(v2122) 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	.12967	.01454	7.9511	.13183	.02301	144.81	2.4809	.00670	.00798
Stddev	.00112	.00243	.0111	.00880	.00006	.39	.0196	.00003	.00151
%RSD	.86247	16.720	.13903	6.6778	.24460	.27206	.79016	.41574	18.978

#1	.13046	.01626	7.9432	.13806	.02297	144.54	2.4948	.00672	.00691
#2	.12888	.01282	7.9589	.12561	.02304	145.09	2.4671	.00668	.00905

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	107.42	.40539	.21255	1.0939	360.26	6.6222	104.89	.65574	.02973
Stddev	.57	.00049	.00099	.0125	14.79	.0156	.86	.00231	.00231
%RSD	.53365	.12017	.46518	1.1421	4.1065	.23571	.82418	.35290	7.7589

#1	107.83	.40504	.21185	1.0850	370.72	6.6112	105.50	.65410	.03136
#2	107.02	.40573	.21325	1.1027	349.80	6.6333	104.28	.65738	.02810

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6005	.48311	4.1903	22.241	.01513	.39030	6.4628	27.501	.40408
Stddev	.0297	.00065	.1605	.118	.00006	.01780	.0107	.142	.00256
%RSD	.52997	.13555	3.8313	.53133	.41071	4.5601	.16507	.51554	.63299

#1	5.6215	.48264	4.3038	22.325	.01517	.40289	6.4553	27.602	.40228
#2	5.5795	.48357	4.0768	22.158	.01508	.37772	6.4704	27.401	.40589

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	6.4994	.21020	9.161	.58867
Stddev	.0696	.00037	.029	.00649
%RSD	1.0707	.17371	.3156	1.1022

#1	6.5486	.21046	9.141	.59326
#2	6.4502	.20994	9.182	.58408

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5382.0	78059.	5866.6	97.964	3673.0
Stddev	7.0	8.	38.7	3.996	3.0
%RSD	.13068	.01034	.66008	4.0789	.08069

#1	5377.1	78053.	5839.2	95.139	3670.9
#2	5387.0	78065.	5894.0	100.79	3675.1

Sample Name: I4545-05 Acquired: 8/2/2017 15:50:04 Type: Unk
Method: P4-ICP2(v2122) 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	.49561	.02570	3.1496	.28617	.03105	219.55	1.3710	.00820
Stddev	.00248	.00274	.0018	.00140	.00216	.09	.0019	.00003
%RSD	.50109	10.668	.05702	.48869	6.9445	.03872	.14219	.32584

#1	.49737	.02764	3.1508	.28716	.03257	219.61	1.3723	.00818
#2	.49386	.02376	3.1483	.28518	.02952	219.49	1.3696	.00821

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01769	51.572	.48590	.24325	1.2439	622.50	3.2258	94.942
Stddev	.00077	.022	.00018	.00050	.0004	5.69	.0106	.473
%RSD	4.3556	.04299	.03786	.20708	.02823	.91338	.32724	.49871

#1	.01715	51.556	.48603	.24290	1.2441	626.52	3.2184	94.607
#2	.01824	51.588	.48577	.24361	1.2436	618.48	3.2333	95.277

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57936	.05234	5.7735	.54643	5.4063	17.734	.07041	.71516
Stddev	.00038	.00122	.0027	.00152	.0462	.010	.00006	.00822
%RSD	.06550	2.3250	.04663	.27735	.85388	.05793	.07904	1.1492

#1	.57909	.05320	5.7754	.54536	5.4389	17.742	.07037	.72097
#2	.57962	.05148	5.7716	.54750	5.3736	17.727	.07045	.70935

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	F 345.81	34.035	.19979	8.9058	.68211	7.794	.35418	
Stddev	.44	.007	.00001	.0103	.00173	.002	.00110	
%RSD	.12762	.02005	.00293	.11544	.25344	.0188	.30948	

#1	346.12	34.040	.19979	8.9130	.68334	7.795	.35495	
#2	345.50	34.030	.19978	8.8985	.68089	7.793	.35340	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5402.6	78264.	5928.6	94.660	3537.0			
Stddev	46.1	227.	17.9	1.179	15.9			
%RSD	.85285	.29005	.30114	1.2456	.44944			

#1	5370.0	78104.	5916.0	93.827	3525.7			
#2	5435.2	78425.	5941.2	95.494	3548.2			

Sample Name: I4497-01 Acquired: 8/2/2017 15:54:14 Type: Unk
Method: P4-ICP2(v2122) 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	.02329	.00958	.16100	.08915	.00542	101.13	.49588	.00545
Stddev	.00118	.00008	.00025	.00639	.00052	.38	.00034	.00008
%RSD	5.0890	.84111	.15333	7.1727	9.5341	.37093	.06813	1.5480

#1	.02412	.00952	.16082	.08463	.00506	100.87	.49612	.00551
#2	.02245	.00963	.16117	.09367	.00579	101.40	.49565	.00539

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00124	13.471	.21864	.14419	.19442	233.23	3.3156	35.745
Stddev	.00047	.011	.00115	.00011	.00219	4.25	.0095	.027
%RSD	37.823	.07891	.52684	.07325	1.1283	1.8225	.28534	.07636

#1	-.00091	13.479	.21946	.14426	.19597	230.22	3.3089	35.764
#2	-.00157	13.464	.21783	.14411	.19287	236.23	3.3223	35.726

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18422	.01657	1.5789	.32096	.39778	8.6742	.00163	.25915
Stddev	.00093	.00033	.0037	.00010	.00508	.0222	.00027	.00216
%RSD	.50329	2.0170	.23399	.03218	1.2766	.25611	16.833	.83223

#1	.18356	.01633	1.5815	.32089	.39419	8.6585	.00183	.26067
#2	.18488	.01680	1.5762	.32103	.40137	8.6899	.00144	.25762

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.21877	5.5717	.01035	2.7003	.15142	2.164	.05848	
Stddev	.00175	.0304	.00014	.0052	.00122	.001	.00005	
%RSD	.79952	.54604	1.3115	.19181	.80474	.0380	.08480	

#1	.22000	5.5932	.01025	2.7040	.15056	2.164	.05845	
#2	.21753	5.5502	.01044	2.6967	.15228	2.163	.05852	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5242.3	73202.	5468.5	98.570	3978.3			
Stddev	12.9	41.	26.7	1.270	13.1			
%RSD	.24528	.05593	.48811	1.2884	.32844			

#1	5233.2	73173.	5449.6	99.468	3969.1			
#2	5251.4	73230.	5487.3	97.672	3987.6			

Sample Name: I4497-01DUP Acquired: 8/2/2017 15:58:23 Type: Unk
Method: P4-ICP2(v2122) 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	.02294	.00984	.16245	.09049	.00547	101.15	.50034	.00538
Stddev	.00108	.00069	.00068	.00268	.00191	.32	.00221	.00012
%RSD	4.7081	6.9846	.42002	2.9635	34.940	.31804	.44089	2.1823

#1	.02371	.01033	.16197	.08859	.00683	101.37	.49878	.00546
#2	.02218	.00936	.16294	.09238	.00412	100.92	.50190	.00530

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00139	13.534	.22036	.14617	.19689	236.61	3.3253	36.440
Stddev	.00052	.048	.00003	.00036	.00238	5.26	.0053	.042
%RSD	37.780	.35588	.01301	.24290	1.2098	2.2246	.15818	.11559

#1	-.00102	13.500	.22034	.14643	.19858	232.89	3.3291	36.470
#2	-.00176	13.568	.22038	.14592	.19521	240.33	3.3216	36.410

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18566	.01731	1.5735	.32160	.40108	8.7203	.00130	.26925
Stddev	.00078	.00077	.0263	.00054	.01050	.0359	.00028	.00744
%RSD	.41762	4.4663	1.6723	.16841	2.6169	.41179	21.301	2.7626

#1	.18511	.01677	1.5549	.32121	.39366	8.6949	.00111	.26399
#2	.18621	.01786	1.5921	.32198	.40850	8.7457	.00150	.27451

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.21201	5.6675	.01009	2.7448	.15171	2.186	.05907	
Stddev	.00069	.0546	.00010	.0002	.00101	.001	.00079	
%RSD	.32410	.96396	.98063	.00803	.66846	.0619	1.3332	

#1	.21249	5.6289	.01002	2.7450	.15100	2.185	.05851	
#2	.21152	5.7061	.01016	2.7446	.15243	2.187	.05962	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5188.1	73045.	5420.5	97.646	3935.9			
Stddev	4.9	168.	30.3	2.325	1.0			
%RSD	.09506	.23029	.55930	2.3812	.02493			

#1	5184.6	72926.	5442.0	99.290	3936.6			
#2	5191.6	73164.	5399.1	96.002	3935.2			

Sample Name: CCV02 Acquired: 8/2/2017 16:02:33 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV02 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	4.8919	4.7556	4.8665	4.8419	4.8533	9.4757	9.6915	.24276	2.4146
Stddev	.0107	.0013	.0050	.0031	.0045	.0614	.0959	.00003	.0023
%RSD	.21836	.02671	.10321	.06422	.09179	.64802	.98905	.01321	.09349

#1	4.8995	4.7565	4.8700	4.8397	4.8501	9.5192	9.7592	.24279	2.4162
#2	4.8844	4.7547	4.8629	4.8441	4.8564	9.4323	9.6237	.24274	2.4130

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.586	.97645	2.3969	1.2227	5.0156	2.4264	24.999	2.3957	1.2078
Stddev	.254	.00038	.0061	.0031	.0659	.0023	.213	.0038	.0000
%RSD	1.0319	.03862	.25598	.25290	1.3142	.09514	.85168	.15698	.00212

#1	24.765	.97618	2.4013	1.2205	5.0623	2.4280	25.150	2.3984	1.2078
#2	24.406	.97672	2.3926	1.2249	4.9690	2.4248	24.849	2.3930	1.2078

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	24.499	2.4239	2.4973	24.505	4.8861	4.8521	4.7477	5.0354	4.8209
Stddev	.125	.0033	.0173	.113	.0035	.0478	.0037	.0120	.0095
%RSD	.51094	.13689	.69338	.46164	.07212	.98472	.07678	.23757	.19707

#1	24.587	2.4263	2.5095	24.585	4.8836	4.8859	4.7502	5.0270	4.8276
#2	24.410	2.4216	2.4850	24.425	4.8886	4.8183	4.7451	5.0439	4.8142

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.9014	4.8747	4.890	4.9189
Stddev	.0280	.0336	.004	.0085
%RSD	.57164	.68905	.0712	.17307

#1	4.9212	4.8985	4.892	4.9249
#2	4.8816	4.8510	4.887	4.9129

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4760.1	66877.	4911.5	96.584	3932.1
Stddev	3.5	204.	18.9	.841	11.8
%RSD	.07272	.30433	.38513	.87029	.29883

#1	4757.7	66733.	4898.1	95.989	3923.7
#2	4762.6	67021.	4924.9	97.178	3940.4

Sample Name: CCB02 Acquired: 8/2/2017 16:21:03 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.00081	-.00036	.00082	.00096	.00639	.00050	.00001
Stddev	.00002	.00054	.00150	.00125	.00022	.00701	.00088	.00005
%RSD	6.8435	66.726	420.58	152.32	22.464	109.73	177.45	752.60

#1	.00027	.00120	.00070	.00170	.00081	.01134	-.00013	.00004
#2	.00025	.00043	-.00141	-.00006	.00112	.00143	.00112	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00679	-.00005	.00002	-.00047	-.00020	.00031	.02252
Stddev	.00003	.01053	.00021	.00009	.00023	.01385	.00006	.05909
%RSD	219.19	154.97	426.60	418.12	50.231	7097.3	18.072	262.36

#1	.00003	.00065	-.00020	-.00004	-.00030	.00960	.00027	.06430
#2	-.00001	-.01424	.00010	.00009	-.00063	-.00999	.00035	-.01926

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00019	-.01359	-.00020	.00037	-.01508	.00013	.00109
Stddev	.00016	.00012	.01046	.00006	.00007	.02777	.00019	.00252
%RSD	20234.	62.876	76.966	28.110	17.670	184.18	146.88	230.54

#1	.00012	-.00027	-.00619	-.00024	.00042	.00456	.00000	-.00069
#2	-.00012	-.00010	-.02098	-.00016	.00033	-.03471	.00026	.00288

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	F .00652	-.00418	-.00037	-.00050	-.00258	-.0004	.00002	
Stddev	.00052	.00084	.00040	.00255	.00047	.0006	.00007	
%RSD	7.9050	20.046	106.77	511.27	18.164	129.7	331.33	

#1	.00616	-.00358	-.00065	-.00231	-.00224	-.0008	.00007	
#2	.00689	-.00477	-.00009	.00131	-.00291	.0000	-.00003	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4881.3	66336.	4882.8	98.634	4082.3			
Stddev	13.1	96.	1.6	2.732	14.3			
%RSD	.26849	.14401	.03343	2.7698	.34956			

#1	4872.0	66403.	4884.0	100.57	4072.2			
#2	4890.5	66268.	4881.7	96.702	4092.4			

Sample Name: I4497-01MS Acquired: 8/2/2017 16:25:10 Type: Unk
Method: P4-ICP2(v2122) 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	.76315	2.0405	1.2249	1.7255	.18560	136.33	.76686	.19590	.20796
Stddev	.00147	.0062	.0006	.0085	.00018	.19	.00267	.00066	.00059
%RSD	.19232	.30139	.05257	.49433	.09465	.14208	.34847	.33561	.28589

#1	.76211	2.0448	1.2245	1.7195	.18548	136.20	.76497	.19544	.20838
#2	.76418	2.0361	1.2254	1.7316	.18573	136.47	.76875	.19637	.20754

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.497	.71245	.36452	.48795	284.24	3.4258	39.746	.73914	.09105
Stddev	.057	.00141	.00069	.00319	4.61	.0288	.085	.00032	.00108
%RSD	.39312	.19756	.18880	.65435	1.6232	.84038	.21450	.04297	1.1853

#1	14.457	.71145	.36501	.49021	280.98	3.4461	39.685	.73891	.09029
#2	14.538	.71344	.36404	.48570	287.51	3.4054	39.806	.73936	.09182

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	4.6833	.74242	.63840	18.758	.34058	.57127	.20350	5.5678	.67398
Stddev	.0290	.00179	.00976	.035	.00067	.00403	.00339	.0226	.00014
%RSD	.61844	.24167	1.5289	.18877	.19608	.70577	1.6668	.40615	.02138

#1	4.6628	.74115	.63150	18.783	.34011	.56842	.20110	5.5518	.67388
#2	4.7038	.74369	.64530	18.733	.34105	.57413	.20590	5.5837	.67408

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	3.3216	.35694	7.581	.25380
Stddev	.0092	.00481	.014	.00079
%RSD	.27653	1.3489	.1778	.31116

#1	3.3151	.35353	7.591	.25324
#2	3.3280	.36034	7.572	.25435

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5251.0	72843.	5386.3	97.789	3900.7
Stddev	6.0	5.	11.4	1.432	12.1
%RSD	.11371	.00746	.21188	1.4644	.31067

#1	5246.8	72847.	5394.4	98.802	3892.1
#2	5255.2	72839.	5378.3	96.777	3909.3

Sample Name: I4497-01MSD Acquired: 8/2/2017 16:29:32 Type: Unk
Method: P4-ICP2(v2122) 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	.77273	2.0723	1.2467	1.7389	.18972	136.55	.77122	.19607	.21159
Stddev	.00185	.0055	.0008	.0065	.00286	.28	.00082	.00083	.00085
%RSD	.23879	.26656	.06464	.37448	1.5068	.20453	.10663	.42367	.40367

#1	.77142	2.0684	1.2461	1.7435	.19174	136.75	.77180	.19665	.21099
#2	.77403	2.0763	1.2473	1.7342	.18769	136.35	.77064	.19548	.21220

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.549	.71693	.37082	.49688	288.02	3.4189	39.975	.75227	.09122
Stddev	.057	.00153	.00008	.00193	7.16	.0103	.023	.00092	.00053
%RSD	.38864	.21314	.02163	.38892	2.4871	.30045	.05636	.12241	.58605

#1	14.509	.71801	.37077	.49551	293.08	3.4261	39.959	.75162	.09159
#2	14.589	.71585	.37088	.49824	282.95	3.4116	39.991	.75292	.09084

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	4.7209	.74547	.65094	18.896	.34575	.57273	.20410	5.6039	.68549
Stddev	.0070	.00180	.01526	.068	.00027	.01565	.00304	.0292	.00085
%RSD	.14823	.24091	2.3450	.36120	.07838	2.7320	1.4882	.52059	.12468

#1	4.7259	.74674	.66174	18.945	.34594	.58379	.20196	5.6246	.68488
#2	4.7160	.74420	.64015	18.848	.34556	.56167	.20625	5.5833	.68609

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	3.3342	.35967	7.701	.25462
Stddev	.0051	.00039	.002	.00030
%RSD	.15288	.10859	.0300	.11969

#1	3.3378	.35940	7.699	.25484
#2	3.3306	.35995	7.702	.25440

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5188.4	72757.	5337.4	96.201	3847.0
Stddev	5.1	100.	2.5	2.391	2.2
%RSD	.09872	.13747	.04691	2.4854	.05765

#1	5184.7	72686.	5335.7	94.510	3845.5
#2	5192.0	72828.	5339.2	97.891	3848.6

Sample Name: I4497-01A Acquired: 8/2/2017 16:33:34 Type: Unk
Method: P4-ICP2(v2122) 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	.78602	2.0625	1.2220	1.8429	.73302	100.47	.69401	.19699	.20857
Stddev	.00496	.0054	.0055	.0017	.00249	.40	.00083	.00045	.00057
%RSD	.63045	.26014	.44564	.09304	.34014	.39639	.11948	.22655	.27259

#1	.78953	2.0663	1.2259	1.8442	.73478	100.19	.69460	.19667	.20898
#2	.78252	2.0587	1.2181	1.8417	.73126	100.75	.69343	.19730	.20817

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.295	.61175	.35828	.48195	231.69	3.4686	37.458	.71652	.08921
Stddev	.013	.00193	.00044	.00011	1.75	.0101	.070	.00009	.00033
%RSD	.08744	.31552	.12168	.02264	.75420	.28973	.18813	.01244	.36641

#1	14.287	.61038	.35859	.48187	232.92	3.4757	37.409	.71646	.08944
#2	14.304	.61311	.35798	.48203	230.45	3.4615	37.508	.71659	.08898

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	4.5671	.60960	.60693	18.525	.38588	.56020	.19838	4.1916	.73681
Stddev	.0273	.00154	.00635	.008	.00144	.00078	.00362	.0352	.00408
%RSD	.59714	.25318	1.0471	.04325	.37270	.13836	1.8226	.83858	.55322

#1	4.5864	.60851	.61143	18.531	.38689	.55965	.20093	4.2164	.73969
#2	4.5478	.61069	.60244	18.520	.38486	.56075	.19582	4.1667	.73392

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	2.8145	.34355	7.517	.24451
Stddev	.0084	.00084	.024	.00020
%RSD	.29701	.24340	.3166	.08268

#1	2.8204	.34414	7.534	.24466
#2	2.8086	.34296	7.500	.24437

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5205.5	72800.	5339.3	97.817	3928.1
Stddev	9.3	168.	17.1	.932	9.1
%RSD	.17894	.23042	.32063	.95314	.23178

#1	5198.9	72919.	5327.2	97.157	3921.7
#2	5212.1	72681.	5351.4	98.476	3934.5

Sample Name: I4497-05 Acquired: 8/2/2017 16:37:36 Type: Unk
Method: P4-ICP2(v2122) 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	.02719	.01140	.14768	.09140	.00700	102.76	.41815	.00497
Stddev	.00077	.00113	.00015	.00167	.00132	.31	.00079	.00008
%RSD	2.8241	9.9237	.10172	1.8232	18.803	.30422	.18959	1.6764

#1	.02774	.01060	.14779	.09023	.00607	102.54	.41759	.00491
#2	.02665	.01220	.14758	.09258	.00793	102.98	.41871	.00503

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00116	12.658	.21497	.12245	.16974	232.56	3.7666	31.628
Stddev	.00041	.059	.00070	.00033	.00134	3.41	.0308	.227
%RSD	35.664	.46898	.32630	.27081	.79136	1.4665	.81811	.71791

#1	-.00087	12.616	.21547	.12268	.17069	230.15	3.7449	31.467
#2	-.00145	12.700	.21448	.12221	.16879	234.97	3.7884	31.788

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16722	.01658	2.6233	.33906	.37748	8.5785	.00231	.24793
Stddev	.00025	.00071	.0017	.00082	.00503	.0123	.00019	.01524
%RSD	.14809	4.2891	.06289	.24061	1.3313	.14294	8.0703	6.1477

#1	.16704	.01608	2.6244	.33848	.37392	8.5872	.00244	.23715
#2	.16739	.01708	2.6221	.33964	.38103	8.5698	.00218	.25871

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.19181	4.7067	.00936	2.4892	.14213	3.838	.05525	
Stddev	.00101	.0348	.00063	.0041	.00044	.023	.00027	
%RSD	.52664	.73977	6.7518	.16378	.30829	.5976	.48727	

#1	.19253	4.6820	.00891	2.4920	.14182	3.822	.05544	
#2	.19110	4.7313	.00981	2.4863	.14244	3.855	.05506	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5215.8	72418.	5355.1	97.007	3938.9			
Stddev	4.2	10.	3.6	1.208	5.5			
%RSD	.08133	.01426	.06806	1.2451	.13945			

#1	5218.8	72425.	5352.5	97.861	3942.8			
#2	5212.8	72410.	5357.7	96.153	3935.1			

Sample Name: I4497-09 Acquired: 8/2/2017 16:41:43 Type: Unk
Method: P4-ICP2(v2122) 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	.03429	.01058	.19369	.09959	.00751	133.70	.50698	.00597
Stddev	.00112	.00071	.00046	.00095	.00070	1.27	.00096	.00001
%RSD	3.2754	6.7347	.23788	.95404	9.3508	.95122	.19034	.18798

#1	.03509	.01108	.19401	.09892	.00800	134.60	.50767	.00598
#2	.03350	.01007	.19336	.10026	.00701	132.80	.50630	.00596

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	10.215	.23406	.13449	.21866	252.28	3.1358	34.303
Stddev	.00045	.008	.00049	.00038	.00195	2.53	.0049	.100
%RSD	47.833	.08031	.20994	.27957	.89168	1.0021	.15651	.29098

#1	-.00126	10.209	.23441	.13475	.21728	254.07	3.1323	34.233
#2	-.00062	10.221	.23371	.13422	.22004	250.49	3.1392	34.374

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18486	.01906	2.2186	.36945	.45376	8.8337	.00263	.28531
Stddev	.00026	.00055	.0125	.00195	.00132	.0352	.00018	.00342
%RSD	.13878	2.8768	.56482	.52870	.29113	.39821	6.9797	1.1977

#1	.18468	.01945	2.2097	.37083	.45470	8.8089	.00250	.28773
#2	.18505	.01867	2.2274	.36807	.45283	8.8586	.00276	.28289

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.61856	4.1849	.01203	2.4269	.15934	3.659	.05261	
Stddev	.00012	.0261	.00100	.0014	.00079	.002	.00014	
%RSD	.02011	.62444	8.2723	.05882	.49615	.0438	.27334	

#1	.61865	4.1664	.01133	2.4259	.15879	3.660	.05251	
#2	.61847	4.2033	.01273	2.4279	.15990	3.658	.05271	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5588.6	77638.	5810.5	96.652	3955.1			
Stddev	3.9	440.	29.6	.460	9.8			
%RSD	.06964	.56609	.51022	.47583	.24695			

#1	5585.8	77328.	5831.5	96.327	3948.2			
#2	5591.3	77949.	5789.5	96.977	3962.0			

Sample Name: PB101044BL Acquired: 8/2/2017 16:45:53 Type: Unk
Method: P4-ICP2(v2122) 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	-.00024	.00124	-.00049	.00083	.00081	.01370	.00093	.00003
Stddev	.00040	.00053	.00025	.00165	.00141	.01078	.00015	.00004
%RSD	165.68	42.855	49.963	199.21	174.24	78.686	15.570	146.06

#1	-.00052	.00162	-.00067	.00200	.00181	.02133	.00083	.00005
#2	.00004	.00086	-.00032	-.00034	-.00019	.00608	.00103	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00644	-.00015	.00002	.00000	.02939	.00052	.00204
Stddev	.00002	.00988	.00038	.00004	.00023	.01827	.00004	.05710
%RSD	185.62	153.35	249.96	166.69	4887.1	62.179	7.9507	2805.8

#1	-.00003	-.01343	.00012	.00005	-.00016	.04231	.00049	.04241
#2	.00000	.00054	-.00042	.00000	.00017	.01647	.00055	-.03834

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	-.00008	-.00805	.00021	.00029	.00405	-.00009	-.00508
Stddev	.00010	.00019	.01276	.00040	.00005	.01578	.00007	.01142
%RSD	34.044	255.14	158.63	195.13	17.760	389.35	74.219	224.77

#1	.00035	.00006	-.01707	-.00008	.00033	.01521	-.00005	-.01316
#2	.00022	-.00021	.00098	.00049	.00025	-.00711	-.00014	.00299

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00409	-.00669	-.00081	.00055	-.00163	-.0003	.00001	
Stddev	.00016	.00060	.00030	.00166	.00081	.0006	.00002	
%RSD	3.8849	9.0097	36.416	301.72	49.350	188.0	172.06	

#1	.00398	-.00712	-.00102	-.00062	-.00106	.0001	.00000	
#2	.00420	-.00627	-.00060	.00172	-.00220	-.0008	.00002	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4844.2	65639.	4852.4	96.799	4070.9			
Stddev	.9	149.	9.3	1.211	4.0			
%RSD	.01934	.22647	.19163	1.2507	.09736			

#1	4843.5	65534.	4845.8	95.943	4068.1			
#2	4844.9	65745.	4859.0	97.655	4073.7			

Sample Name: PB101044BS Acquired: 8/2/2017 16:50:05 Type: Unk
Method: P4-ICP2(v2122) 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	.82645	1.9083	.99978	1.9915	.81896	1.9997	.21450	.20658	.19845
Stddev	.00039	.0010	.00388	.0062	.00041	.0060	.00088	.00019	.00030
%RSD	.04675	.05251	.38763	.30870	.04990	.29985	.40794	.09428	.14976

#1	.82618	1.9090	1.0025	1.9958	.81867	1.9955	.21388	.20644	.19824
#2	.82673	1.9076	.99704	1.9871	.81925	2.0039	.21512	.20672	.19866

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0699	.42665	.20051	.32185	3.1346	.20764	2.1912	.50160	.07335
Stddev	.0116	.00265	.00003	.00060	.0401	.00051	.0302	.00004	.00013
%RSD	1.0803	.62175	.01511	.18513	1.2805	.24536	1.3765	.00892	.17958

#1	1.0781	.42478	.20053	.32227	3.1062	.20728	2.2125	.50163	.07345
#2	1.0618	.42853	.20049	.32143	3.1630	.20800	2.1698	.50156	.07326

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	3.2178	.31227	.21865	10.643	.42049	.31461	8.2900	1.0263	.72014
Stddev	.0063	.00011	.00187	.092	.00025	.00495	.0145	.0049	.00024
%RSD	.19444	.03511	.85734	.86870	.06047	1.5734	.17533	.48056	.03351

#1	3.2222	.31219	.21732	10.708	.42031	.31111	8.3003	1.0298	.71997
#2	3.2134	.31235	.21997	10.578	.42067	.31811	8.2797	1.0228	.72031

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.21486	.20162	5.367	.19707
Stddev	.00115	.00207	.010	.00065
%RSD	.53487	1.0257	.1939	.33139

#1	.21405	.20309	5.360	.19753
#2	.21568	.20016	5.375	.19661

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4825.4	66145.	4813.8	99.990	4246.1
Stddev	15.1	148.	.1	.650	15.7
%RSD	.31374	.22316	.00141	.65049	.37000

#1	4814.7	66250.	4813.7	100.45	4235.0
#2	4836.1	66041.	4813.8	99.530	4257.2

Sample Name: I4543-01 Acquired: 8/2/2017 16:54:03 Type: Unk
Method: P4-ICP2(v2122) 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	.04585	.00932	1.2585	.09021	.00845	114.12	.81444	.00411	.00290
Stddev	.00093	.00032	.0016	.00270	.00144	.34	.00143	.00011	.00021
%RSD	2.0304	3.4597	.12959	2.9947	17.018	.30188	.17616	2.5694	7.2211

#1	.04519	.00955	1.2574	.08830	.00743	113.88	.81545	.00418	.00304
#2	.04651	.00910	1.2597	.09212	.00946	114.36	.81342	.00404	.00275

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	101.86	.19145	.08829	.64303	253.79	4.0267	39.486	.20859	.01984
Stddev	.03	.00031	.00013	.00049	3.48	.0139	.089	.00084	.00070
%RSD	.02699	.16180	.14742	.07581	1.3696	.34547	.22663	.40122	3.5533

#1	101.84	.19123	.08838	.64338	251.33	4.0169	39.423	.20800	.01934
#2	101.88	.19167	.08820	.64269	256.24	4.0365	39.549	.20918	.02034

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	7.4918	.34617	1.0306	13.125	.01066	.30892	5.0242	32.661	.04234
Stddev	.0114	.00044	.0138	.008	.00000	.00530	.0017	.134	.00128
%RSD	.15211	.12752	1.3390	.06180	.01687	1.7171	.03328	.41016	3.0200

#1	7.4838	.34586	1.0208	13.120	.01066	.30517	5.0230	32.756	.04324
#2	7.4999	.34649	1.0403	13.131	.01065	.31267	5.0254	32.567	.04143

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.0481	.12103	6.562	.46377
Stddev	.0004	.00072	.016	.00030
%RSD	.00897	.59313	.2419	.06378

#1	4.0484	.12053	6.573	.46398
#2	4.0479	.12154	6.551	.46356

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5596.5	79345.	5940.1	98.843	3892.2
Stddev	15.4	152.	16.8	.982	12.9
%RSD	.27599	.19203	.28267	.99370	.33217

#1	5585.6	79453.	5928.3	99.538	3883.0
#2	5607.5	79237.	5952.0	98.149	3901.3

Sample Name: I4545-01DLX10 Acquired: 8/2/2017 16:58:09 Type: Unk
Method: P4-ICP2(v2122) 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	6.1623	.00321	8.3127	.04151	.02313	10.068	.84123	.00130	.03570
Stddev	.0142	.00136	.0120	.00099	.00231	.045	.00084	.00001	.00003
%RSD	.23039	42.304	.14417	2.3884	9.9772	.44477	.10017	.80941	.09647

#1	6.1724	.00417	8.3211	.04081	.02477	10.100	.84182	.00131	.03567
#2	6.1523	.00225	8.3042	.04221	.02150	10.036	.84063	.00129	.03572

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.129	.02454	.01136	.13490	22.655	.19082	1.2023	.02523	.10479
Stddev	.045	.00017	.00017	.00021	.183	.00057	.0036	.00000	.00049
%RSD	.44311	.68918	1.5292	.15315	.80885	.29705	.29533	.00241	.46667

#1	10.098	.02466	.01123	.13504	22.526	.19042	1.2048	.02523	.10513
#2	10.161	.02442	.01148	.13475	22.785	.19122	1.1997	.02523	.10444

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	1.2697	.04115	20.583	1.3511	.00665	.03421	13.900	2.8777	.12485
Stddev	.0010	.00048	.210	.0165	.00001	.00450	.019	.0158	.00001
%RSD	.07509	1.1559	1.0188	1.2249	.08666	13.159	.13429	.54846	.00492

#1	1.2703	.04082	20.435	1.3628	.00665	.03740	13.913	2.8889	.12485
#2	1.2690	.04149	20.731	1.3394	.00664	.03103	13.887	2.8665	.12486

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.20945	.01575	1.414	.08976
Stddev	.00072	.00119	.002	.00021
%RSD	.34276	7.5387	.1440	.23737

#1	.20894	.01491	1.413	.08961
#2	.20996	.01659	1.416	.08992

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4904.5	67385.	5013.9	101.67	4150.9
Stddev	21.9	66.	2.9	.70	17.9
%RSD	.44618	.09757	.05816	.68453	.43065

#1	4889.1	67338.	5011.8	102.17	4138.3
#2	4920.0	67431.	5016.0	101.18	4163.6

Sample Name: I4497-01LX5 Acquired: 8/2/2017 17:02:17 Type: Unk
Method: P4-ICP2(v2122) 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	.00470	.00263	.03305	.01740	.00122	21.791	.10828	.00125
Stddev	.00098	.00012	.00149	.00058	.00152	.202	.00048	.00000
%RSD	20.849	4.5684	4.5140	3.3475	124.04	.92788	.44314	.03083

#1	.00401	.00255	.03410	.01699	.00015	21.648	.10794	.00125
#2	.00540	.00272	.03199	.01781	.00230	21.934	.10862	.00125

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	3.1858	.04848	.02854	.04397	47.067	.71929	7.8771
Stddev	.00010	.0037	.00028	.00008	.00002	.304	.00367	.0867
%RSD	16.437	.11560	.56979	.29291	.04025	.64509	.50980	1.1007

#1	-.00068	3.1832	.04829	.02848	.04398	47.282	.71669	7.8158
#2	-.00054	3.1884	.04868	.02860	.04395	46.852	.72188	7.9384

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03657	.00295	.35970	.06979	.08440	1.8398	.00022	.05410
Stddev	.00017	.00003	.01818	.00062	.00120	.0039	.00014	.00018
%RSD	.45444	1.1840	5.0541	.88428	1.4207	.21363	66.082	.32448

#1	.03669	.00292	.34684	.06935	.08524	1.8370	.00032	.05398
#2	.03646	.00297	.37255	.07023	.08355	1.8425	.00012	.05423

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.04752	1.0403	.00171	.57495	.02911	.4498	.01331	
Stddev	.00114	.0000	.00066	.00224	.00092	.0010	.00007	
%RSD	2.3993	.00220	38.475	.38998	3.1650	.2171	.49675	

#1	.04833	1.0403	.00217	.57336	.02845	.4505	.01326	
#2	.04672	1.0403	.00124	.57653	.02976	.4491	.01335	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4955.5	67786.	5021.0	99.283	4122.5			
Stddev	7.7	209.	9.5	.997	10.9			
%RSD	.15573	.30862	.18829	1.0046	.26368			

#1	4950.0	67934.	5014.3	98.578	4114.8			
#2	4960.9	67639.	5027.7	99.988	4130.1			

Sample Name: CCV03 Acquired: 8/2/2017 17:06:21 Type: Unk
Method: P4-ICP2(v2122) 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	4.8784	4.7641	4.8680	4.8203	4.8294	9.4693	9.7341	.24237	2.4149
Stddev	.0060	.0018	.0078	.0005	.0089	.0308	.0397	.00025	.0054
%RSD	.12220	.03698	.16053	.01011	.18462	.32470	.40787	.10312	.22207

#1	4.8742	4.7628	4.8624	4.8200	4.8231	9.4475	9.7622	.24219	2.4111
#2	4.8826	4.7653	4.8735	4.8206	4.8357	9.4910	9.7061	.24255	2.4187

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.621	.97554	2.3925	1.2182	5.0150	2.4259	24.859	2.3962	1.2030
Stddev	.093	.00077	.0030	.0035	.0354	.0002	.004	.0028	.0003
%RSD	.37712	.07919	.12536	.28744	.70677	.00892	.01441	.11843	.02720

#1	24.686	.97499	2.3903	1.2157	5.0401	2.4258	24.856	2.3942	1.2032
#2	24.555	.97609	2.3946	1.2206	4.9899	2.4261	24.861	2.3982	1.2027

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	24.402	2.4221	2.5219	24.366	4.8692	4.8784	4.7260	5.0349	4.8101
Stddev	.024	.0024	.0065	.052	.0120	.0033	.0031	.0009	.0080
%RSD	.09700	.09708	.25759	.21374	.24628	.06682	.06574	.01748	.16597

#1	24.419	2.4238	2.5265	24.329	4.8608	4.8761	4.7238	5.0355	4.8044
#2	24.385	2.4204	2.5173	24.403	4.8777	4.8807	4.7282	5.0343	4.8157

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8853	4.8642	4.909	4.8719
Stddev	.0121	.0084	.009	.0078
%RSD	.24670	.17278	.1789	.16053

#1	4.8938	4.8582	4.903	4.8774
#2	4.8768	4.8701	4.915	4.8664

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4760.2	66580.	4873.8	95.361	3921.4
Stddev	4.4	63.	1.1	.526	6.3
%RSD	.09269	.09455	.02209	.55159	.15963

#1	4757.1	66536.	4873.1	94.989	3917.0
#2	4763.3	66625.	4874.6	95.733	3925.8

Sample Name: CCB03 Acquired: 8/2/2017 17:10:26 Type: Unk

Method: P4-ICP2(v2122) 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	.00164	.00172	.00000	.00229	.00040	.00453	.00014	.00003
Stddev	.00099	.00054	.00071	.00045	.00083	.00503	.00008	.00001
%RSD	60.640	31.055	20203.	19.455	206.09	111.07	56.631	43.592

#1	.00093	.00210	.00050	.00261	-.00018	.00097	.00020	.00004
#2	.00234	.00134	-.00050	.00198	.00099	.00809	.00009	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00308	-.00034	.00005	.00005	.00182	.00028	-.00173
Stddev	.00001	.00778	.00002	.00009	.00031	.00193	.00006	.00880
%RSD	50.661	252.58	6.3166	187.74	608.40	105.98	20.209	507.79

#1	-.00002	-.00242	-.00033	-.00002	.00027	.00046	.00024	.00449
#2	-.00001	.00858	-.00036	.00011	-.00017	.00319	.00032	-.00795

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00004	-.01460	-.00009	.00019	-.00523	.00247	.01053
Stddev	.00051	.00004	.00575	.00015	.00004	.00118	.00053	.00015
%RSD	592.88	95.421	39.343	173.85	22.530	22.652	21.403	1.4078

#1	-.00028	-.00007	-.01867	.00002	.00016	-.00439	.00284	.01042
#2	.00045	-.00001	-.01054	-.00020	.00022	-.00607	.00209	.01063

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00354	-.00647	.00083	-.00106	-.00236	-.00007	.00014	
Stddev	.00105	.00036	.00004	.00041	.00173	.0004	.00005	
%RSD	29.746	5.6148	5.0966	38.478	73.452	52.47	35.030	

#1	.00428	-.00621	.00086	-.00077	-.00113	-.0010	.00018	
#2	.00280	-.00673	.00080	-.00134	-.00358	-.0005	.00011	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4894.2	66916.	4929.1	101.51	4128.0			
Stddev	6.6	57.	7.0	2.72	1.6			
%RSD	.13532	.08520	.14298	2.6792	.03907			

#1	4889.5	66876.	4924.2	103.44	4126.8			
#2	4898.9	66957.	4934.1	99.589	4129.1			

Sample Name: I4534-01 Acquired: 8/2/2017 17:14:40 Type: Unk
Method: P4-ICP2(v2122) 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	.03078	.00247	.44141	.03263	.00289	65.969	.33979	.00146
Stddev	.00048	.00025	.00116	.00128	.00180	.075	.00003	.00002
%RSD	1.5593	10.146	.26177	3.9165	62.212	.11421	.00952	1.2298

#1	.03112	.00229	.44059	.03173	.00416	65.916	.33976	.00147
#2	.03044	.00265	.44223	.03354	.00162	66.023	.33981	.00144

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	14.342	.11507	.01799	.16188	85.326	.68078	9.0446
Stddev	.00022	.005	.00048	.00023	.00044	1.471	.00025	.0539
%RSD	1996.0	.03590	.41628	1.2939	.27229	1.7245	.03606	.59609

#1	-.00017	14.345	.11541	.01782	.16157	86.366	.68060	9.0065
#2	.00014	14.338	.11473	.01815	.16219	84.286	.68095	9.0827

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05889	.00617	.53410	.14286	.50154	4.7665	.00425	.09154
Stddev	.00008	.00023	.01677	.00000	.00715	.0148	.00019	.00272
%RSD	.12933	3.6898	3.1403	.00040	1.4266	.31022	4.3770	2.9710

#1	.05883	.00634	.54596	.14286	.50660	4.7561	.00438	.09346
#2	.05894	.00601	.52224	.14286	.49648	4.7770	.00412	.08961

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.43737	9.0862	.04387	.97180	.03442	3.730	.06103	
Stddev	.00176	.1248	.00073	.00563	.00004	.010	.00017	
%RSD	.40228	1.3730	1.6718	.57969	.10594	.2639	.27363	

#1	.43613	9.1744	.04439	.97578	.03439	3.723	.06114	
#2	.43862	8.9980	.04335	.96781	.03444	3.737	.06091	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5065.2	70045.	5224.9	101.28	4222.6			
Stddev	15.9	129.	.1	1.60	2.0			
%RSD	.31383	.18372	.00248	1.5841	.04836			

#1	5054.0	70136.	5225.0	100.15	4221.1			
#2	5076.4	69954.	5224.8	102.42	4224.0			

Sample Name: I4534-03 Acquired: 8/2/2017 17:18:47 Type: Unk
Method: P4-ICP2(v2122) 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	.02704	.00136	.40172	.03220	.00381	73.834	.30367	.00127
Stddev	.00145	.00135	.00227	.00076	.00184	.474	.00037	.00006
%RSD	5.3541	98.943	.56572	2.3477	48.265	.64188	.12036	4.4005

#1	.02807	.00231	.40011	.03166	.00251	73.499	.30341	.00131
#2	.02602	.00041	.40333	.03273	.00511	74.169	.30393	.00123

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	14.780	.10544	.01864	.17160	81.036	.61035	8.9611
Stddev	.00018	.005	.00153	.00007	.00060	1.521	.00126	.0132
%RSD	147.23	.03682	1.4510	.39406	.35033	1.8765	.20715	.14705

#1	-.00026	14.777	.10436	.01859	.17117	82.112	.60946	8.9518
#2	.00001	14.784	.10652	.01869	.17203	79.961	.61124	8.9704

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05558	.00555	.73374	.14413	.48896	4.7985	.00318	.07481
Stddev	.00067	.00008	.00980	.00129	.00854	.0131	.00028	.00852
%RSD	1.2091	1.4742	1.3351	.89692	1.7457	.27361	8.9571	11.393

#1	.05605	.00549	.72681	.14321	.49499	4.8078	.00338	.08083
#2	.05510	.00561	.74066	.14504	.48292	4.7892	.00298	.06878

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.44783	9.8896	.02939	.99153	.03691	3.394	.05627	
Stddev	.00260	.0387	.00102	.00641	.00055	.004	.00007	
%RSD	.58061	.39107	3.4783	.64630	1.4830	.1077	.12275	

#1	.44967	9.9170	.03011	.99606	.03730	3.391	.05632	
#2	.44600	9.8623	.02866	.98700	.03653	3.396	.05623	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5070.9	70610.	5251.4	103.31	4234.3			
Stddev	11.6	500.	10.8	1.89	7.8			
%RSD	.22958	.70850	.20495	1.8313	.18435			

#1	5062.7	70964.	5259.0	101.97	4228.8			
#2	5079.1	70257.	5243.8	104.65	4239.9			

Sample Name: PB101179BL Acquired: 8/2/2017 17:22:53 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	.00134	-.00019	.00057	-.00088	-.00385	.00049	-.00005
Stddev	.00018	.00028	.00066	.00003	.00027	.00548	.00012	.00001
%RSD	14.222	20.989	345.80	5.4131	30.544	142.27	23.686	28.116

#1	.00142	.00114	.00028	.00059	-.00069	.00002	.00040	-.00006
#2	.00116	.00154	-.00066	.00055	-.00107	-.00773	.00057	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00934	-.00036	.00019	.00020	.00814	.00017	.00115
Stddev	.00000	.01077	.00003	.00009	.00022	.01014	.00009	.00187
%RSD	10.697	115.30	7.2325	44.956	108.64	124.53	53.918	162.78

#1	-.00002	-.01696	-.00034	.00026	.00005	.00097	.00024	.00247
#2	-.00002	-.00173	-.00038	.00013	.00036	.01531	.00011	-.00017

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	.00007	-.01246	.00006	.00014	-.00182	-.00007	.00397
Stddev	.00008	.00033	.00475	.00072	.00000	.00153	.00001	.00570
%RSD	25.545	464.73	38.117	1247.5	3.3844	84.228	19.917	143.49

#1	.00025	.00030	-.01582	-.00045	.00014	-.00290	-.00007	-.00006
#2	.00036	-.00016	-.00911	.00057	.00015	-.00074	-.00006	.00801

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00416	-.00779	-.00061	.00096	-.00152	-.0005	.00000	
Stddev	.00121	.00081	.00008	.00116	.00062	.0007	.0001	
%RSD	28.973	10.452	13.476	120.65	40.592	124.4	6773.7	

#1	.00502	-.00837	-.00066	.00014	-.00108	-.0010	.00008	
#2	.00331	-.00722	-.00055	.00178	-.00196	-.0001	-.00008	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4932.7	67000.	4905.2	101.20	4165.2			
Stddev	10.7	540.	1.2	.01	20.2			
%RSD	.21679	.80587	.02415	.00741	.48491			

#1	4925.1	66618.	4904.4	101.21	4150.9			
#2	4940.3	67382.	4906.0	101.20	4179.5			

Sample Name: PB101179BS Acquired: 8/2/2017 17:27:07 Type: Unk
Method: P4-ICP2(v2122) 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	.81180	1.8459	.98762	1.9492	.80079	1.9692	.20987	.20280	.19495
Stddev	.00275	.0054	.00073	.0001	.00098	.0042	.00186	.00005	.00015
%RSD	.33826	.29488	.07442	.00475	.12243	.21193	.88439	.02706	.07682

#1	.81374	1.8421	.98710	1.9491	.80009	1.9662	.20856	.20283	.19485
#2	.80985	1.8498	.98814	1.9492	.80148	1.9721	.21118	.20276	.19506

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0751	.41695	.19499	.31617	2.9510	.20346	2.1911	.48621	.07227
Stddev	.0076	.00034	.00031	.00005	.0394	.00092	.0267	.00108	.00039
%RSD	.71076	.08062	.15794	.01464	1.3367	.44990	1.2179	.22282	.54007

#1	1.0805	.41719	.19477	.31620	2.9231	.20410	2.1722	.48544	.07199
#2	1.0697	.41671	.19521	.31614	2.9789	.20281	2.2100	.48698	.07255

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	3.1904	.30633	.20711	10.442	.41246	.32407	9.1256	1.0048	.70032
Stddev	.0001	.00140	.00144	.002	.00142	.01139	.0116	.0006	.00117
%RSD	.00363	.45639	.69310	.02329	.34528	3.5134	.12681	.05969	.16729

#1	3.1903	.30534	.20610	10.440	.41346	.31602	9.1175	1.0044	.69950
#2	3.1905	.30732	.20813	10.443	.41145	.33213	9.1338	1.0053	.70115

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.21143	.19917	5.216	.19370
Stddev	.00067	.00096	.004	.00037
%RSD	.31617	.48411	.0844	.19031

#1	.21095	.19985	5.219	.19344
#2	.21190	.19848	5.213	.19396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4908.1	67313.	4883.0	106.11	4358.6
Stddev	10.0	253.	2.1	.59	3.5
%RSD	.20294	.37521	.04275	.55907	.08095

#1	4901.1	67135.	4881.5	106.52	4356.1
#2	4915.1	67492.	4884.5	105.69	4361.1

Sample Name: I4559-01 Acquired: 8/2/2017 17:31:05 Type: Unk
Method: P4-ICP2(v2122) 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	.07118	.01183	.49061	.11550	.00713	81.866	.39873	.00414
Stddev	.00148	.00036	.00044	.00051	.00027	.337	.00087	.00009
%RSD	2.0790	3.0118	.08963	.43899	3.7961	.41193	.21865	2.2733

#1	.07014	.01158	.49029	.11515	.00694	81.627	.39812	.00421
#2	.07223	.01208	.49092	.11586	.00732	82.104	.39935	.00408

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	18.089	.18904	.06832	.17976	293.90	2.3882	19.160
Stddev	.00035	.012	.00158	.00005	.00116	3.57	.0001	.002
%RSD	45.003	.06628	.83797	.07664	.64727	1.2141	.00620	.01268

#1	-.00053	18.098	.18792	.06829	.18059	291.38	2.3881	19.161
#2	-.00102	18.081	.19016	.06836	.17894	296.42	2.3883	19.158

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29654	.02093	.87897	.24204	.43475	4.8270	.00456	.28246
Stddev	.00018	.00056	.00838	.00243	.00429	.0057	.00039	.00064
%RSD	.06118	2.6895	.95359	1.0056	.98656	.11905	8.5158	.22635

#1	.29666	.02053	.88490	.24032	.43171	4.8310	.00484	.28291
#2	.29641	.02133	.87305	.24376	.43778	4.8229	.00429	.28201

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.87817	8.0991	.01437	1.7429	.06887	4.182	.09604	
Stddev	.00189	.0421	.00060	.0077	.00086	.001	.00036	
%RSD	.21477	.52027	4.1525	.44023	1.2500	.0155	.37382	

#1	.87951	8.0693	.01395	1.7375	.06947	4.181	.09579	
#2	.87684	8.1289	.01480	1.7483	.06826	4.182	.09630	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5340.1	75133.	5591.5	99.209	3986.1			
Stddev	11.8	43.	26.8	.662	6.7			
%RSD	.22189	.05771	.47866	.66762	.16713			

#1	5331.7	75163.	5572.6	99.677	3981.4			
#2	5348.5	75102.	5610.5	98.741	3990.8			

Sample Name: I4559-01DUP Acquired: 8/2/2017 17:35:06 Type: Unk
Method: P4-ICP2(v2122) 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	.07076	.01185	.48516	.11132	.00644	81.145	.39328	.00417
Stddev	.00110	.00079	.00173	.00019	.00004	.325	.00039	.00007
%RSD	1.5579	6.6363	.35654	.17475	.61219	.40073	.09862	1.7943

#1	.07154	.01130	.48638	.11146	.00647	80.915	.39300	.00423
#2	.06998	.01241	.48393	.11118	.00642	81.375	.39355	.00412

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	17.918	.18792	.06740	.17929	286.02	2.3800	18.915
Stddev	.00030	.074	.00040	.00001	.00097	2.76	.0054	.071
%RSD	89.604	.41490	.21266	.01716	.54045	.96623	.22809	.37431

#1	-.00055	17.971	.18763	.06741	.17860	287.97	2.3761	18.865
#2	-.00012	17.866	.18820	.06739	.17997	284.07	2.3838	18.965

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29239	.02031	.86820	.23961	.42401	4.7691	.00462	.26878
Stddev	.00084	.00011	.00239	.00012	.00614	.0180	.00010	.00280
%RSD	.28649	.55893	.27525	.04902	1.4482	.37725	2.1135	1.0428

#1	.29299	.02023	.86651	.23969	.42836	4.7819	.00469	.27076
#2	.29180	.02039	.86989	.23953	.41967	4.7564	.00455	.26680

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.86742	7.8912	.01336	1.7124	.06792	4.141	.09439	
Stddev	.00047	.2192	.00041	.0120	.00031	.004	.00001	
%RSD	.05383	2.7780	3.0654	.70144	.45745	.0971	.01469	

#1	.86709	8.0462	.01307	1.7209	.06770	4.139	.09440	
#2	.86775	7.7362	.01365	1.7039	.06814	4.144	.09438	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5384.2	75945.	5650.8	101.89	4031.8			
Stddev	8.3	166.	42.0	1.43	8.6			
%RSD	.15383	.21862	.74310	1.4007	.21357			

#1	5378.3	76063.	5621.1	100.88	4025.7			
#2	5390.0	75828.	5680.5	102.90	4037.8			

Sample Name: I4559-01LX5 Acquired: 8/2/2017 17:39:05 Type: Unk
Method: P4-ICP2(v2122) 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	.01676	.00247	.09756	.02387	.00218	18.446	.08931	.00099
Stddev	.00054	.00100	.00049	.00019	.00052	.041	.00031	.00000
%RSD	3.2161	40.629	.50286	.81358	23.618	.22466	.34631	.28514

#1	.01637	.00318	.09722	.02401	.00255	18.417	.08953	.00098
#2	.01714	.00176	.09791	.02373	.00182	18.476	.08910	.00099

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	4.0823	.04323	.01328	.04173	59.176	.51909	4.3259
Stddev	.00000	.0144	.00047	.00046	.00025	.271	.00216	.0321
%RSD	.13497	.35267	1.0773	3.4365	.60607	.45770	.41557	.74155

#1	-.00067	4.0925	.04290	.01296	.04190	58.985	.51756	4.3486
#2	-.00067	4.0721	.04356	.01361	.04155	59.368	.52061	4.3032

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05958	.00423	.18640	.05445	.08766	1.1037	.00095	.05523
Stddev	.00078	.00023	.01037	.00029	.00035	.0148	.00033	.00406
%RSD	1.3104	5.5350	5.5642	.53832	.39658	1.3374	35.294	7.3431

#1	.05903	.00440	.19373	.05466	.08741	1.1142	.00071	.05236
#2	.06013	.00407	.17906	.05425	.08790	1.0933	.00119	.05810

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.18528	2.0541	.00278	.39270	.01181	.8854	.02137	
Stddev	.00049	.0019	.00061	.00046	.00242	.0019	.00001	
%RSD	.26661	.09502	21.795	.11643	20.540	.2181	.05472	

#1	.18494	2.0555	.00235	.39237	.01352	.8840	.02138	
#2	.18563	2.0527	.00321	.39302	.01009	.8867	.02136	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4990.2	68406.	5074.5	101.37	4157.8			
Stddev	12.9	56.	31.1	.01	9.1			
%RSD	.25760	.08120	.61313	.00737	.21999			

#1	4999.3	68366.	5052.5	101.38	4164.3			
#2	4981.1	68445.	5096.5	101.37	4151.3			

Sample Name: I4559-01MS Acquired: 8/2/2017 17:43:13 Type: Unk
Method: P4-ICP2(v2122) 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	.77336	1.9263	1.3520	1.6886	.32034	92.792	.63103	.18231	.19674
Stddev	.00083	.0046	.0021	.0003	.00033	.339	.00094	.00039	.00028
%RSD	.10787	.23758	.15841	.01821	.10158	.36576	.14824	.21572	.14164

#1	.77277	1.9231	1.3504	1.6883	.32011	92.552	.63036	.18259	.19654
#2	.77395	1.9296	1.3535	1.6888	.32057	93.032	.63169	.18204	.19694

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.478	.56158	.25020	.45320	277.39	1.4568	19.100	.75088	.08695
Stddev	.044	.00027	.00037	.00081	2.26	.0016	.095	.00143	.00053
%RSD	.30395	.04791	.14877	.17814	.81539	.10741	.49641	.19088	.60700

#1	14.447	.56139	.25046	.45263	278.99	1.4557	19.167	.74987	.08732
#2	14.509	.56177	.24994	.45377	275.79	1.4579	19.033	.75189	.08658

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	3.6995	.51575	.56905	14.139	.37088	.52228	9.4208	12.333	.69373
Stddev	.0300	.00050	.00282	.023	.00077	.01166	.0012	.028	.00147
%RSD	.81058	.09661	.49584	.15974	.20652	2.2334	.01244	.22666	.21161

#1	3.6783	.51540	.57105	14.123	.37034	.53053	9.4200	12.353	.69477
#2	3.7207	.51611	.56706	14.155	.37142	.51403	9.4217	12.314	.69269

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	2.2609	.24507	8.605	.26300
Stddev	.0226	.00193	.001	.00027
%RSD	.99965	.78830	.0168	.10080

#1	2.2450	.24370	8.604	.26282
#2	2.2769	.24643	8.606	.26319

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5314.4	74799.	5489.8	100.68	4033.2
Stddev	4.4	192.	7.7	.60	1.8
%RSD	.08304	.25667	.14091	.59620	.04342

#1	5317.5	74935.	5495.3	100.26	4034.5
#2	5311.2	74664.	5484.4	101.10	4032.0

Sample Name: I4559-01MSD Acquired: 8/2/2017 17:47:06 Type: Unk
Method: P4-ICP2(v2122) 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	.78013	1.9466	1.3679	1.6955	.32081	92.724	.63324	.18144	.19896
Stddev	.01372	.0352	.0207	.0244	.00300	.443	.00110	.00089	.00318
%RSD	1.7581	1.8063	1.5133	1.4392	.93449	.47756	.17397	.49325	1.6000

#1	.77043	1.9217	1.3532	1.6783	.31869	92.411	.63246	.18080	.19671
#2	.78983	1.9714	1.3825	1.7128	.32293	93.038	.63402	.18207	.20121

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.511	.55989	.25265	.45780	280.64	1.4541	19.217	.75794	.08772
Stddev	.004	.00197	.00417	.00703	1.77	.0063	.091	.01267	.00048
%RSD	.02991	.35156	1.6508	1.5365	.63090	.43640	.47436	1.6720	.54660

#1	14.514	.55850	.24970	.45282	279.39	1.4496	19.153	.74898	.08738
#2	14.508	.56129	.25560	.46277	281.89	1.4586	19.282	.76690	.08806

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	3.7218	.51421	.57289	14.148	.37374	.52752	9.4986	12.274	.69914
Stddev	.0059	.00153	.00282	.015	.00472	.01207	.1326	.089	.00978
%RSD	.15809	.29740	.49171	.10856	1.2631	2.2890	1.3964	.72744	1.3993

#1	3.7176	.51313	.57089	14.137	.37040	.53606	9.4048	12.337	.69222
#2	3.7260	.51529	.57488	14.159	.37707	.51898	9.5924	12.211	.70605

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	2.2825	.24504	8.666	.26402
Stddev	.0048	.00294	.108	.00009
%RSD	.21121	1.2014	1.241	.03492

#1	2.2791	.24296	8.589	.26409
#2	2.2859	.24712	8.742	.26396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5282.3	75202.	5509.3	100.08	4002.0
Stddev	56.4	242.	10.9	.37	50.9
%RSD	1.0674	.32244	.19855	.36812	1.2711

#1	5322.2	75374.	5501.6	100.34	4037.9
#2	5242.4	75031.	5517.1	99.822	3966.0

Sample Name: I4559-01A Acquired: 8/2/2017 17:50:59 Type: Unk
Method: P4-ICP2(v2122) 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	.81919	2.0236	1.5218	1.8520	.74940	81.111	.58459	.19111	.20663
Stddev	.00595	.0035	.0031	.0015	.00270	.586	.00144	.00072	.00081
%RSD	.72658	.17508	.20517	.07866	.35999	.72269	.24636	.37831	.39434

#1	.81498	2.0211	1.5196	1.8510	.74749	80.697	.58357	.19060	.20605
#2	.82340	2.0261	1.5241	1.8530	.75130	81.526	.58560	.19162	.20720

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.582	.56743	.27542	.46524	283.34	2.4271	20.730	.80686	.09101
Stddev	.074	.00211	.00015	.00236	1.91	.0100	.046	.00017	.00031
%RSD	.39613	.37111	.05503	.50655	.67337	.41041	.22018	.02049	.34493

#1	18.530	.56594	.27553	.46357	284.69	2.4201	20.698	.80698	.09079
#2	18.635	.56892	.27532	.46690	281.99	2.4342	20.762	.80675	.09124

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	3.8804	.52095	.62138	14.536	.39456	.55628	9.3854	9.8478	.75801
Stddev	.0014	.00158	.00510	.079	.00089	.00248	.0199	.0063	.00097
%RSD	.03732	.30261	.82122	.54486	.22528	.44567	.21177	.06373	.12779

#1	3.8794	.51983	.62499	14.480	.39393	.55803	9.3713	9.8433	.75869
#2	3.8814	.52206	.61777	14.592	.39519	.55453	9.3994	9.8522	.75732

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	1.9278	.25678	9.073	.27554
Stddev	.0155	.00103	.012	.00021
%RSD	.80576	.40274	.1294	.07646

#1	1.9168	.25751	9.065	.27539
#2	1.9388	.25605	9.082	.27569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5347.3	75394.	5535.2	100.52	4036.9
Stddev	.1	95.	6.1	1.09	4.1
%RSD	.00170	.12576	.11064	1.0799	.10214

#1	5347.3	75461.	5530.9	99.753	4034.0
#2	5347.2	75327.	5539.6	101.29	4039.9

Sample Name: CCV04 Acquired: 8/2/2017 17:54:54 Type: Unk
Method: P4-ICP2(v2122) 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	4.8580	4.6539	4.8138	4.7786	4.7839	9.2912	9.5708	.24003	2.3714
Stddev	.0048	.0022	.0007	.0074	.0039	.0657	.0138	.00090	.0047
%RSD	.09901	.04756	.01416	.15416	.08038	.70720	.14469	.37631	.19829

#1	4.8546	4.6524	4.8133	4.7734	4.7811	9.3377	9.5610	.24067	2.3681
#2	4.8614	4.6555	4.8143	4.7838	4.7866	9.2447	9.5806	.23939	2.3747

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.443	.95994	2.3481	1.2065	4.9331	2.3892	24.942	2.3466	1.1926
Stddev	.079	.00146	.0036	.0014	.0240	.0064	.069	.0044	.0001
%RSD	.32245	.15253	.15243	.11588	.48740	.26863	.27821	.18574	.00877

#1	24.387	.96097	2.3455	1.2075	4.9501	2.3937	24.892	2.3435	1.1926
#2	24.499	.95890	2.3506	1.2055	4.9161	2.3847	24.991	2.3497	1.1927

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	24.251	2.3814	2.4718	24.131	4.8203	4.7822	4.6478	5.0520	4.7273
Stddev	.070	.0093	.0106	.042	.0003	.0559	.0153	.0131	.0083
%RSD	.28716	.39232	.43006	.17202	.00621	1.1685	.32861	.25978	.17607

#1	24.202	2.3880	2.4643	24.102	4.8201	4.7427	4.6370	5.0427	4.7215
#2	24.300	2.3747	2.4794	24.161	4.8205	4.8217	4.6586	5.0613	4.7332

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8538	4.8153	4.826	4.8664
Stddev	.0122	.0157	.009	.0257
%RSD	.25127	.32529	.1972	.52747

#1	4.8452	4.8042	4.819	4.8483
#2	4.8624	4.8263	4.833	4.8846

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4797.8	67379.	4904.1	97.057	3987.8
Stddev	8.0	483.	2.3	.253	1.6
%RSD	.16673	.71757	.04600	.26081	.04058

#1	4792.2	67037.	4905.7	97.236	3986.6
#2	4803.5	67721.	4902.5	96.878	3988.9

Sample Name: LLCCV02 Acquired: 8/2/2017 17:58:58 Type: Unk
Method: P4-ICP2(v2122) 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	.02008	.03638	.01077	.01952	.04753	.11290	.09610	.00582	.00576
Stddev	.00072	.00090	.00035	.00048	.00001	.00812	.00008	.00000	.00012
%RSD	3.6050	2.4739	3.2701	2.4715	.01327	7.1921	.08411	.04134	2.1314

#1	.02059	.03701	.01102	.01918	.04754	.10716	.09604	.00582	.00567
#2	.01957	.03574	.01052	.01986	.04753	.11864	.09615	.00582	.00584

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9211	.01058	.02792	.01833	.11103	.01941	2.0110	.03810	.00973
Stddev	.0122	.00019	.00003	.00012	.00433	.00004	.0125	.00010	.00033
%RSD	.63367	1.7739	.09367	.66939	3.9036	.19410	.62115	.25320	3.3914

#1	1.9125	.01072	.02794	.01842	.11410	.01943	2.0198	.03817	.00996
#2	1.9297	.01045	.02790	.01824	.10797	.01938	2.0022	.03803	.00950

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	1.9335	.03732	.03996	1.9255	.20531	.10488	.01773	.37975	.03999
Stddev	.0170	.00036	.00067	.0144	.00023	.00381	.00049	.00374	.00136
%RSD	.87753	.97717	1.6758	.74827	.11418	3.6375	2.7400	.98536	3.3946

#1	1.9455	.03758	.04043	1.9356	.20514	.10757	.01739	.38239	.04095
#2	1.9215	.03707	.03948	1.9153	.20547	.10218	.01807	.37710	.03903

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.03785	.01756	.0199	.02012
Stddev	.00007	.00043	.0008	.00001
%RSD	.18920	2.4300	4.261	.05654

#1	.03780	.01786	.0193	.02011
#2	.03790	.01726	.0205	.02013

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4909.3	66982.	4909.3	100.31	4210.2
Stddev	10.9	62.	20.3	1.65	15.4
%RSD	.22205	.09290	.41313	1.6400	.36543

#1	4901.6	67026.	4895.0	99.147	4199.3
#2	4917.0	66938.	4923.7	101.47	4221.1

Sample Name: CCB04 Acquired: 8/2/2017 18:03:09 Type: Unk

Method: P4-ICP2(v2122) 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	.00102	.00181	-.00088	-.00002	.00080	-.00562	.00045	.00003
Stddev	.00088	.00136	.00012	.00068	.00046	.00217	.00056	.00002
%RSD	85.516	75.533	13.531	3187.5	56.970	38.647	125.03	57.048

#1	.00164	.00277	-.00096	-.00051	.00048	-.00715	.00005	.00005
#2	.00040	.00084	-.00080	.00046	.00112	-.00408	.00085	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00629	-.00014	.00009	-.00015	.00694	.00018	-.02038
Stddev	.0000	.01387	.00013	.00008	.00061	.00452	.00002	.01475
%RSD	265.32	220.74	89.494	80.985	405.56	65.121	12.610	72.374

#1	.00000	-.01610	-.00023	.00004	.00028	.01014	.00016	-.03082
#2	.00000	.00353	-.00005	.00015	-.00059	.00375	.00019	-.00995

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00005	-.00890	.00019	-.00021	-.00063	.00043	-.00103
Stddev	.00018	.00003	.00560	.00010	.00002	.05065	.00011	.00140
%RSD	94.303	57.558	62.920	51.107	8.6583	7977.3	24.609	135.81

#1	.00007	.00008	-.01286	.00026	-.00020	-.03645	.00050	-.00004
#2	.00033	.00003	-.00494	.00012	-.00023	.03518	.00035	-.00203

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00210	-.00931	-.00042	-.00191	-.00109	-.0003	.00011	
Stddev	.00165	.00008	.00044	.00079	.00036	.0000	.00000	
%RSD	78.583	.89571	103.62	41.354	33.573	9.156	3.2628	

#1	.00093	-.00937	-.00011	-.00135	-.00083	-.0003	.00011	
#2	.00326	-.00925	-.00073	-.00247	-.00134	-.0003	.00012	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4922.6	68027.	4974.8	102.42	4173.6			
Stddev	18.4	336.	27.1	.03	10.8			
%RSD	.37471	.49425	.54439	.02981	.25954			

#1	4909.5	67790.	4993.9	102.40	4165.9			
#2	4935.6	68265.	4955.6	102.44	4181.3			

Sample Name: I4543-07 Acquired: 8/2/2017 18:07:24 Type: Unk
Method: P4-ICP2(v2122) 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	.04093	.00334	.43694	.06444	.00356	49.646	.32400	.00189
Stddev	.00107	.00132	.00207	.00086	.00111	.039	.00314	.00003
%RSD	2.6108	39.349	.47416	1.3335	31.317	.07912	.97003	1.7506

#1	.04169	.00427	.43840	.06505	.00277	49.618	.32622	.00191
#2	.04018	.00241	.43547	.06383	.00435	49.673	.32178	.00187

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	57.086	.06684	.05327	.20373	170.81	1.6632	27.644
Stddev	.00044	.175	.00029	.00048	.00236	4.36	.0011	.120
%RSD	113.39	.30598	.43229	.90614	1.1566	2.5502	.06755	.43513

#1	-.00069	57.209	.06664	.05292	.20207	173.90	1.6640	27.729
#2	-.00008	56.962	.06705	.05361	.20540	167.73	1.6624	27.559

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10086	.01303	4.2787	.23587	.40958	10.090	.00622	.18329
Stddev	.00034	.00072	.0287	.00065	.00995	.070	.00012	.00563
%RSD	.33929	5.4884	.67036	.27519	2.4286	.69733	1.8727	3.0702

#1	.10110	.01354	4.2990	.23632	.41661	10.140	.00630	.18727
#2	.10061	.01252	4.2584	.23541	.40255	10.040	.00614	.17931

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	6.6997	21.393	.02352	2.1909	.05153	7.795	.10087	
Stddev	.0171	.134	.00053	.0088	.00060	.007	.00068	
%RSD	.25537	.62785	2.2571	.40234	1.1683	.0950	.67754	

#1	6.7118	21.488	.02389	2.1971	.05195	7.790	.10135	
#2	6.6876	21.298	.02314	2.1847	.05110	7.800	.10039	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	6093.7	86892.	6381.3	102.44	4120.0			
Stddev	29.3	35.	38.9	2.99	15.2			
%RSD	.48062	.04062	.60947	2.9166	.36916			

#1	6073.0	86867.	6353.8	100.32	4109.2			
#2	6114.5	86916.	6408.8	104.55	4130.8			

Sample Name: I4537-01 Acquired: 8/2/2017 18:11:27 Type: Unk
Method: P4-ICP2(v2122) 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	.22578	.00942	.13244	-.10617	.00457	126.73	7.4169	.01099
Stddev	.00116	.00173	.00215	.00053	.00289	.19	.0032	.00012
%RSD	.51172	18.324	1.6269	.49514	63.239	.14607	.04334	1.0648

#1	.22496	.01064	.13092	-.10580	.00661	126.86	7.4146	.01091
#2	.22660	.00820	.13397	-.10654	.00253	126.60	7.4192	.01107

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00435	1461.6	.29144	.07013	.27176	161.15	1.6553	72.478
Stddev	.00016	2.6	.00074	.00035	.00034	1.69	.0013	.401
%RSD	3.5834	.17553	.25447	.49844	.12448	1.0509	.08061	.55266

#1	.00446	1463.4	.29092	.07038	.27152	159.95	1.6543	72.195
#2	.00424	1459.7	.29197	.06989	.27200	162.35	1.6562	72.762

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27763	.01148	6.6753	.52196	4.9260	17.229	.03329	.28307
Stddev	.00067	.00026	.0164	.00043	.0571	.072	.00038	.01234
%RSD	.24056	2.2966	.24538	.08285	1.1589	.42051	1.1455	4.3603

#1	.27715	.01130	6.6637	.52227	4.8856	17.178	.03302	.27435
#2	.27810	.01167	6.6869	.52165	4.9663	17.280	.03356	.29180

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	44.139	1.4530	.02570	6.5893	.17691	4.214	2.8005	
Stddev	.141	.0110	.00149	.0174	.00006	.021	.0017	
%RSD	.32033	.75463	5.8124	.26456	.03563	.5079	.05898	

#1	44.039	1.4453	.02675	6.5770	.17687	4.199	2.7993	
#2	44.239	1.4608	.02464	6.6017	.17696	4.229	2.8017	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4888.6	72570.	5522.1	91.274	3450.1			
Stddev	3.3	223.	11.0	.885	1.7			
%RSD	.06826	.30696	.19961	.96932	.04823			

#1	4890.9	72412.	5529.9	91.900	3449.0			
#2	4886.2	72727.	5514.3	90.648	3451.3			

Sample Name: I4537-02 Acquired: 8/2/2017 18:15:45 Type: Unk
Method: P4-ICP2(v2122) 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	.11719	.01071	.10113	-.06060	.00260	103.75	1.3707	.00753
Stddev	.00025	.00161	.00028	.00226	.00066	.03	.0003	.00002
%RSD	.21156	15.023	.27597	3.7239	25.418	.03001	.01947	.22548

#1	.11736	.00957	.10133	-.05901	.00213	103.73	1.3705	.00752
#2	.11701	.01184	.10093	-.06220	.00307	103.78	1.3709	.00754

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00233	1035.7	.49007	.06202	.30671	151.51	2.0712	52.297
Stddev	.00006	6.7	.00246	.00014	.00054	2.48	.0083	.015
%RSD	2.6993	.64285	.50131	.23029	.17616	1.6361	.39848	.02823

#1	.00237	1031.0	.48834	.06192	.30709	149.76	2.0654	52.287
#2	.00228	1040.4	.49181	.06212	.30633	153.26	2.0771	52.307

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38187	.00971	4.6612	.26059	3.6049	12.907	.05671	.29289
Stddev	.00195	.00028	.0037	.00120	.0650	.014	.00023	.00434
%RSD	.51028	2.8828	.07994	.46038	1.8041	.11199	.40919	1.4816

#1	.38049	.00952	4.6586	.25974	3.5590	12.897	.05655	.28982
#2	.38325	.00991	4.6639	.26143	3.6509	12.918	.05687	.29596

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	26.481	.91628	.02095	4.7410	.13272	5.666	4.8937	
Stddev	.070	.02355	.00069	.0051	.00105	.015	.0008	
%RSD	.26339	2.5702	3.3140	.10667	.79302	.2645	.01533	

#1	26.431	.89963	.02144	4.7446	.13346	5.655	4.8942	
#2	26.530	.93293	.02046	4.7375	.13197	5.676	4.8931	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4779.3	69735.	5292.5	95.317	3638.6			
Stddev	4.9	77.	7.6	1.555	3.5			
%RSD	.10349	.10983	.14362	1.6315	.09654			

#1	4775.8	69681.	5287.1	96.416	3641.0			
#2	4782.8	69790.	5297.9	94.217	3636.1			

Sample Name: I4537-03 Acquired: 8/2/2017 18:19:58 Type: Unk
 Method: P4-ICP2(v2122) 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	.16268	.01225	.22255	-.10918	.00519	147.08	5.1516	.00874
Stddev	.00075	.00048	.00187	.00071	.00078	.57	.0094	.00010
%RSD	.46337	3.8920	.83836	.65078	15.002	.38698	.18325	1.0901

#1	.16321	.01259	.22123	-.10868	.00464	147.48	5.1450	.00867
#2	.16215	.01192	.22387	-.10969	.00574	146.67	5.1583	.00881

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00424	1649.9	.60692	.06118	.31684	218.58	2.7586	64.168
Stddev	.00050	5.6	.00240	.00001	.00371	5.46	.0007	.043
%RSD	11.732	.34164	.39515	.01994	1.1702	2.4983	.02414	.06697

#1	.00389	1645.9	.60862	.06117	.31422	222.44	2.7591	64.138
#2	.00460	1653.8	.60522	.06119	.31946	214.71	2.7581	64.198

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53770	.01445	5.9234	.38265	4.4808	21.633	.07279	.44400
Stddev	.00029	.00053	.0210	.00159	.0951	.022	.00055	.00334
%RSD	.05384	3.6815	.35374	.41623	2.1230	.10154	.76131	.75192

#1	.53750	.01483	5.9382	.38378	4.5481	21.617	.07240	.44636
#2	.53791	.01408	5.9085	.38152	4.4136	21.648	.07318	.44164

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	39.800	1.8541	.03175	6.4126	.18903	7.552	7.3663	
Stddev	.001	.0142	.00085	.0080	.00080	.008	.0430	
%RSD	.00255	.76469	2.6661	.12454	.42406	.1062	.58350	

#1	39.799	1.8641	.03116	6.4070	.18846	7.557	7.3359	
#2	39.801	1.8440	.03235	6.4183	.18959	7.546	7.3967	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4792.5	71489.	5451.7	89.121	3375.6			
Stddev	5.9	302.	23.9	1.957	3.9			
%RSD	.12343	.42239	.43931	2.1955	.11542			

#1	4788.3	71276.	5468.7	87.737	3372.8			
#2	4796.7	71703.	5434.8	90.504	3378.3			

Sample Name: I4537-04 Acquired: 8/2/2017 18:24:15 Type: Unk
Method: P4-ICP2(v2122) 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	.16837	.01056	.21640	-.10255	.00784	156.68	2.3616	.00993
Stddev	.00194	.00004	.00277	.00050	.00154	1.30	.0021	.00018
%RSD	1.1526	.36593	1.2790	.48471	19.652	.83083	.08760	1.8233

#1	.16699	.01059	.21445	-.10290	.00675	155.76	2.3601	.01005
#2	.16974	.01053	.21836	-.10220	.00893	157.60	2.3631	.00980

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00623	1611.7	.69501	.06889	.34448	216.10	2.8291	59.093
Stddev	.00064	12.1	.00267	.00050	.00447	6.24	.0022	.258
%RSD	10.212	.75254	.38413	.73263	1.2982	2.8886	.07597	.43612

#1	.00668	1603.2	.69690	.06853	.34764	211.69	2.8276	58.910
#2	.00578	1620.3	.69312	.06925	.34132	220.51	2.8306	59.275

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51740	.01497	5.3222	.41543	7.6904	16.436	.09075	.46205
Stddev	.00000	.00119	.0208	.00189	.1896	.006	.00004	.01864
%RSD	.00042	7.9460	.39139	.45543	2.4648	.03661	.04237	4.0331

#1	.51741	.01413	5.3074	.41677	7.5564	16.432	.09078	.44887
#2	.51740	.01582	5.3369	.41409	7.8244	16.440	.09073	.47523

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	47.423	1.3944	.03415	7.0318	.18404	7.798	7.1080	
Stddev	.012	.0173	.00100	.0201	.00108	.008	.0839	
%RSD	.02565	1.2376	2.9196	.28638	.58530	.1028	1.1811	

#1	47.415	1.4066	.03486	7.0176	.18328	7.804	7.0486	
#2	47.432	1.3822	.03345	7.0460	.18480	7.792	7.1673	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4804.2	71402.	5472.4	91.936	3412.3			
Stddev	2.3	204.	15.4	2.301	4.9			
%RSD	.04885	.28630	.28224	2.5022	.14394			

#1	4802.6	71546.	5461.5	93.563	3415.8			
#2	4805.9	71257.	5483.3	90.309	3408.8			

Sample Name: I4537-05 Acquired: 8/2/2017 18:28:30 Type: Unk
Method: P4-ICP2(v2122) 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	.14319	.01190	.14587	-.09097	.00310	127.15	5.7713	.00725
Stddev	.00002	.00073	.00328	.00262	.00243	1.12	.0019	.00010
%RSD	.01696	6.1389	2.2473	2.8763	78.566	.87821	.03268	1.3641

#1	.14321	.01139	.14819	-.08912	.00481	126.36	5.7727	.00718
#2	.14317	.01242	.14355	-.09282	.00138	127.94	5.7700	.00732

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00444	1382.6	.54385	.05319	.40719	176.79	2.1504	61.338
Stddev	.00051	.1	.00510	.00019	.00120	4.89	.0177	.194
%RSD	11.516	.00987	.93850	.34817	.29415	2.7675	.82563	.31670

#1	.00408	1382.5	.54024	.05333	.40634	180.25	2.1379	61.200
#2	.00480	1382.7	.54746	.05306	.40803	173.33	2.1630	61.475

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44727	.01223	4.8164	.33768	4.9132	19.676	.06215	.35377
Stddev	.00166	.00022	.0212	.00308	.1409	.018	.00010	.01582
%RSD	.37199	1.8175	.44057	.91125	2.8673	.09375	.15439	4.4726

#1	.44610	.01239	4.8014	.33551	5.0128	19.689	.06222	.36496
#2	.44845	.01208	4.8314	.33986	4.8136	19.663	.06209	.34258

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	37.645	1.4253	.03009	5.9851	.18059	5.886	6.1239	
Stddev	.083	.0119	.00072	.0069	.00060	.006	.0011	
%RSD	.22139	.83185	2.3840	.11488	.33270	.1036	.01846	

#1	37.586	1.4170	.02958	5.9802	.18017	5.882	6.1231	
#2	37.704	1.4337	.03059	5.9900	.18102	5.890	6.1247	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4862.5	72608.	5485.9	92.375	3476.6			
Stddev	9.5	351.	17.6	2.728	.8			
%RSD	.19580	.48364	.32039	2.9533	.02240			

#1	4855.7	72856.	5473.5	90.446	3477.1			
#2	4869.2	72360.	5498.4	94.304	3476.0			

Sample Name: I4537-06 Acquired: 8/2/2017 18:32:51 Type: Unk
Method: P4-ICP2(v2122) 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	.17053	.01303	.15242	-.09640	.00506	140.81	6.8191	.00844
Stddev	.00059	.00058	.00112	.00358	.00040	.26	.0018	.00016
%RSD	.34785	4.4159	.73235	3.7179	7.8932	.18635	.02578	1.8921

#1	.17011	.01263	.15320	-.09387	.00478	141.00	6.8204	.00855
#2	.17095	.01344	.15163	-.09893	.00535	140.63	6.8179	.00832

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00460	1489.3	.64313	.06059	.31684	196.66	2.7891	57.486
Stddev	.00018	15.1	.00007	.00008	.00022	1.44	.0044	.063
%RSD	3.8695	1.0138	.01060	.12795	.06952	.73016	.15852	.10991

#1	.00447	1478.6	.64318	.06064	.31699	197.68	2.7922	57.531
#2	.00472	1500.0	.64308	.06053	.31668	195.65	2.7860	57.441

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51512	.01380	5.5530	.37824	5.3605	16.461	.07499	.39851
Stddev	.00015	.00006	.0144	.00031	.0543	.023	.00015	.00075
%RSD	.02921	.44988	.25868	.08326	1.0123	.13818	.19530	.18900

#1	.51522	.01384	5.5428	.37802	5.3989	16.477	.07510	.39797
#2	.51501	.01376	5.5632	.37846	5.3222	16.445	.07489	.39904

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	43.933	1.6393	.02876	6.0099	.17095	7.734	6.4574	
Stddev	.050	.0005	.00019	.0164	.00048	.001	.0377	
%RSD	.11323	.02890	.64398	.27261	.28352	.0138	.58365	

#1	43.898	1.6389	.02889	5.9983	.17129	7.735	6.4841	
#2	43.968	1.6396	.02863	6.0215	.17061	7.733	6.4308	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4856.6	72454.	5492.8	92.312	3471.0			
Stddev	13.0	112.	2.9	.987	2.8			
%RSD	.26670	.15470	.05254	1.0696	.08103			

#1	4847.5	72375.	5490.8	91.614	3469.0			
#2	4865.8	72533.	5494.9	93.010	3473.0			

Sample Name: I4537-07 Acquired: 8/2/2017 18:37:07 Type: Unk
 Method: P4-ICP2(v2122) 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	.15134	.01152	.15609	-.09395	.00489	148.62	3.9962	.00914
Stddev	.00016	.00111	.00020	.00408	.00054	.19	.0052	.00011
%RSD	.10447	9.6451	.13104	4.3394	11.080	.12693	.13108	1.2429

#1	.15145	.01073	.15624	-.09683	.00451	148.75	3.9925	.00906
#2	.15122	.01231	.15595	-.09106	.00528	148.49	3.9999	.00922

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00766	1464.9	.62161	.07184	.33780	200.23	2.6097	64.598
Stddev	.00032	4.0	.00135	.00009	.00384	4.88	.0015	.182
%RSD	4.1664	.27368	.21777	.12763	1.1369	2.4377	.05626	.28195

#1	.00788	1467.7	.62257	.07190	.34052	196.78	2.6107	64.470
#2	.00743	1462.1	.62066	.07177	.33509	203.68	2.6086	64.727

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49298	.01427	8.3760	.39859	3.2851	23.881	.07664	.40240
Stddev	.00094	.00095	.0198	.00042	.0748	.064	.00077	.00598
%RSD	.19059	6.6909	.23685	.10507	2.2778	.26879	1.0012	1.4858

#1	.49364	.01359	8.3619	.39888	3.2322	23.835	.07718	.39818
#2	.49231	.01494	8.3900	.39829	3.3380	23.926	.07609	.40663

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	40.089	1.0888	.03243	6.8132	.18967	6.586	6.3607	
Stddev	.127	.0135	.00078	.0149	.00111	.009	.0001	
%RSD	.31689	1.2430	2.4083	.21874	.58451	.1442	.00216	

#1	40.179	1.0984	.03298	6.8027	.19046	6.592	6.3606	
#2	39.999	1.0793	.03188	6.8238	.18889	6.579	6.3608	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4869.8	72265.	5492.5	93.765	3470.9			
Stddev	13.5	145.	2.8	2.151	4.3			
%RSD	.27810	.20041	.05079	2.2944	.12404			

#1	4860.2	72163.	5494.4	95.286	3467.8			
#2	4879.4	72367.	5490.5	92.244	3473.9			

Sample Name: I4537-08 Acquired: 8/2/2017 18:41:24 Type: Unk
Method: P4-ICP2(v2122) 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	.13417	.00856	.08887	-.05116	.00293	103.74	.89670	.00868
Stddev	.00017	.00187	.00078	.00114	.00034	.00	.00286	.00001
%RSD	.12840	21.800	.87817	2.2376	11.740	.00003	.31868	.09436

#1	.13405	.00724	.08942	-.05196	.00317	103.74	.89468	.00869
#2	.13429	.00988	.08832	-.05035	.00269	103.74	.89872	.00868

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00212	939.96	.27027	.06484	.18028	147.08	1.6410	50.592
Stddev	.00022	4.73	.00151	.00001	.00209	2.66	.0026	.316
%RSD	10.385	.50320	.55794	.01241	1.1579	1.8104	.15741	.62558

#1	.00227	936.62	.26921	.06484	.18176	145.20	1.6392	50.368
#2	.00196	943.31	.27134	.06483	.17881	148.96	1.6429	50.816

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21017	.00961	5.0562	.33539	.65830	15.413	.03790	.26779
Stddev	.00108	.00052	.0036	.00027	.01419	.017	.00009	.00700
%RSD	.51345	5.4269	.07031	.08094	2.1554	.11056	.24528	2.6131

#1	.21093	.00924	5.0537	.33558	.64827	15.401	.03797	.26284
#2	.20941	.00998	5.0587	.33520	.66834	15.425	.03783	.27274

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	25.613	1.2844	.02102	5.5785	.15980	6.766	3.0778	
Stddev	.057	.0107	.00114	.0174	.00118	.017	.0080	
%RSD	.22092	.83368	5.4265	.31107	.74076	.2443	.26049	

#1	25.653	1.2920	.02021	5.5662	.15897	6.777	3.0834	
#2	25.573	1.2769	.02182	5.5907	.16064	6.754	3.0721	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4998.4	74034.	5547.0	95.564	3698.6			
Stddev	6.7	8.	14.4	1.986	6.5			
%RSD	.13395	.01049	.26013	2.0778	.17559			

#1	4993.7	74029.	5557.2	96.968	3694.0			
#2	5003.1	74040.	5536.8	94.160	3703.2			

Sample Name: I4537-09 Acquired: 8/2/2017 18:45:36 Type: Unk
Method: P4-ICP2(v2122) 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	k .04591	k .15117	k 2.8420	k .80129	k .14104	29.251	80.967	k -.00172
Stddev	.00056	.00461	.0101	.01562	.00331	.057	.378	.00059
%RSD	1.2126	3.0479	.35633	1.9497	2.3450	.19524	.46694	34.326

#1	k .04630	k .14791	k 2.8348	k .79025	k .13870	29.291	80.699	k -.00130
#2	k .04551	k .15443	k 2.8492	k .81234	k .14338	29.210	81.234	k -.00214

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .17174	55.424	k 4.3610	k .20751	k 6.0319	F 2151.4	C .00000	343.03
Stddev	.00359	.153	.0049	.00016	.0047	35.9	.00000	.31
%RSD	2.0875	.27612	.11164	.07523	.07856	1.6669	.00000	.08971

#1	k .17427	55.532	k 4.3576	k .20762	k 6.0286	2126.1	C .00000	343.25
#2	k .16920	55.316	k 4.3645	k .20740	k 6.0353	2176.8	C .00000	342.82

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6251	k .14485	3.0387	k .36756	k 14.485	4.4836	.42219	k 2.5134
Stddev	.0007	.00456	.0004	.00105	.235	.0061	.00019	.0421
%RSD	.01826	3.1494	.01236	.28555	1.6251	.13619	.04579	1.6734

#1	3.6255	k .14163	3.0385	k .36682	k 14.319	4.4879	.42232	k 2.4837
#2	3.6246	k .14808	3.0390	k .36831	k 14.652	4.4793	.42205	k 2.5432

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	k 35.179	k 4.1691	k .38580	k 13.576	.35852	k 9.261	4.0597	
Stddev	.070	.0090	.00105	.076	.00119	.016	.0036	
%RSD	.19934	.21604	.27257	.55680	.33188	.1760	.08822	

#1	k 35.228	k 4.1628	k .38506	k 13.630	.35768	k 9.273	4.0572	
#2	k 35.129	k 4.1755	k .38654	k 13.523	.35937	k 9.250	4.0623	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4253.4	66168.	4923.7	88.462	2421.6			
Stddev	5.9	173.	8.9	1.414	3.9			
%RSD	.13788	.26196	.18157	1.5986	.16124			

#1	4257.5	66046.	4917.4	89.462	2418.8			
#2	4249.2	66291.	4930.0	87.462	2424.3			

Sample Name: CCV05 Acquired: 8/2/2017 18:49:57 Type: Unk
Method: P4-ICP2(v2122) 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	4.8588	4.6121	4.8177	4.7604	4.7757	9.2217	9.4680	.23782	2.3628
Stddev	.0192	.0043	.0150	.0154	.0171	.0419	.0046	.00044	.0035
%RSD	.39445	.09440	.31223	.32331	.35736	.45483	.04880	.18332	.14776

#1	4.8723	4.6152	4.8070	4.7713	4.7878	9.2514	9.4647	.23751	2.3603
#2	4.8452	4.6090	4.8283	4.7495	4.7637	9.1921	9.4713	.23813	2.3653

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.217	.94749	2.3388	1.2030	5.0951	2.3643	24.826	2.3305	1.1835
Stddev	.031	.00357	.0056	.0034	.0443	.0056	.067	.0040	.0066
%RSD	.12633	.37685	.23730	.28289	.87023	.23502	.27182	.17004	.55702

#1	24.238	.94497	2.3348	1.2054	5.0637	2.3604	24.778	2.3277	1.1788
#2	24.195	.95002	2.3427	1.2005	5.1264	2.3682	24.874	2.3333	1.1882

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	24.002	2.3585	2.4832	23.981	4.8187	4.7300	4.6296	4.9936	4.7068
Stddev	.072	.0066	.0082	.073	.0073	.0017	.0002	.0226	.0024
%RSD	.30162	.27986	.33163	.30599	.15079	.03605	.00351	.45156	.05140

#1	24.053	2.3539	2.4774	24.032	4.8238	4.7312	4.6295	4.9777	4.7051
#2	23.951	2.3632	2.4891	23.929	4.8135	4.7287	4.6297	5.0096	4.7085

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8203	4.7756	4.792	4.8525
Stddev	.0006	.0152	.004	.0196
%RSD	.01138	.31889	.0786	.40480

#1	4.8207	4.7864	4.789	4.8386
#2	4.8200	4.7649	4.795	4.8664

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4794.1	68143.	4967.1	96.428	4003.7
Stddev	6.8	102.	10.4	.477	10.8
%RSD	.14185	.15002	.21036	.49461	.27073

#1	4789.3	68071.	4959.7	96.765	4011.3
#2	4798.9	68216.	4974.5	96.091	3996.0

Sample Name: CCB05 Acquired: 8/2/2017 18:54:03 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00130	.00139	-.00053	.00104	.00245	.00398	.00291	.00000
Stddev	.00090	.00102	.00115	.00136	.00042	.00036	.00032	.0000
%RSD	69.645	72.985	218.48	130.48	17.287	9.0866	10.836	1371.3

#1	.00066	.00067	.00029	.00008	.00215	.00373	.00314	-.00003
#2	.00193	.00211	-.00134	.00201	.00275	.00424	.00269	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.01657	-.00040	-.00004	.00093	F .08190	.00323	-.00819
Stddev	.00003	.00454	.00024	.00021	.00039	.01156	.00002	.02007
%RSD	35.492	27.411	59.474	514.13	42.269	14.120	.65117	245.19

#1	-.00007	-.01978	-.00023	.00011	.00065	.09008	.00325	.00601
#2	-.00012	-.01336	-.00056	-.00019	.00121	.07372	.00322	-.02238

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	-.00003	.00757	.00005	.00133	.01625	.00283	.00018
Stddev	.00018	.00010	.00711	.00036	.00017	.02451	.00060	.00137
%RSD	42.137	284.32	93.876	657.08	12.665	150.82	21.131	741.99

#1	.00030	.00003	.01260	-.00020	.00145	.03358	.00325	-.00078
#2	.00056	-.00010	.00255	.00031	.00121	-.00108	.00241	.00115

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00490	-.00883	-.00023	-.00078	.00073	-.0001	.00010	
Stddev	.00137	.00175	.00055	.00122	.00133	.0003	.00004	
%RSD	28.058	19.834	243.03	155.65	182.12	359.9	44.100	

#1	.00392	-.01007	.00016	-.00165	-.00021	-.0003	.00013	
#2	.00587	-.00759	-.00062	.00008	.00166	.0001	.00007	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4903.5	67374.	4925.3	99.220	4167.6			
Stddev	4.5	75.	8.7	1.005	4.9			
%RSD	.09159	.11132	.17718	1.0129	.11697			

#1	4900.3	67427.	4931.5	98.509	4164.1			
#2	4906.7	67321.	4919.1	99.930	4171.0			

Sample Name: I4564-01 Acquired: 8/2/2017 18:58:17 Type: Unk
Method: P4-ICP2(v2122) 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	.76187	.00620	.45790	.07188	.02430	10.649	.43676	.01671
Stddev	.00226	.00023	.00078	.00009	.00068	.003	.00079	.00006
%RSD	.29683	3.7811	.17071	.12122	2.8073	.02874	.18158	.35108

#1	.76027	.00637	.45735	.07182	.02478	10.646	.43620	.01675
#2	.76347	.00604	.45845	.07194	.02382	10.651	.43732	.01667

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00171	20.467	.05419	.04070	.26930	140.23	.38145	9.0251
Stddev	.00002	.069	.00002	.00032	.00041	.71	.00009	.0136
%RSD	1.4378	.33878	.03461	.79048	.15087	.50420	.02323	.15091

#1	-.00169	20.516	.05420	.04048	.26902	139.73	.38139	9.0348
#2	-.00172	20.418	.05417	.04093	.26959	140.73	.38152	9.0155

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10125	.00994	.88922	.16715	.07248	2.4040	.02248	.14042
Stddev	.00039	.00007	.00982	.00005	.00032	.0118	.00014	.00221
%RSD	.39008	.65976	1.1047	.03058	.44179	.49069	.62571	1.5750

#1	.10097	.00999	.88228	.16711	.07226	2.4123	.02258	.14198
#2	.10152	.00990	.89617	.16718	.07271	2.3956	.02238	.13885

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	6.4799	3.4852	.02292	1.8313	.01423	.8212	.14647	
Stddev	.0232	.0161	.00003	.0054	.00089	.0062	.00007	
%RSD	.35871	.46168	.13551	.29259	6.2416	.7577	.05032	

#1	6.4635	3.4738	.02294	1.8351	.01486	.8168	.14652	
#2	6.4963	3.4965	.02290	1.8275	.01360	.8256	.14641	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	5031.4	70516.	5203.2	101.98	4177.3			
Stddev	7.6	110.	5.1	.30	14.4			
%RSD	.15049	.15610	.09875	.29221	.34384			

#1	5036.8	70593.	5199.6	102.19	4187.4			
#2	5026.0	70438.	5206.9	101.77	4167.1			

Sample Name: I4564-02 Acquired: 8/2/2017 19:02:20 Type: Unk
Method: P4-ICP2(v2122) 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	.12655	.02016	2.4499	.22004	.01289	287.14	1.8628	.01573	.00992
Stddev	.00088	.00298	.0118	.00143	.00022	.49	.0111	.00018	.00016
%RSD	.69338	14.766	.47991	.65011	1.7197	.17013	.59394	1.1168	1.6457

#1	.12717	.01805	2.4416	.22105	.01274	287.48	1.8706	.01560	.00980
#2	.12593	.02226	2.4583	.21903	.01305	286.79	1.8550	.01585	.01003

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.919	.42667	.27328	.71316	572.72	8.6826	146.72	.53612	.04569
Stddev	.153	.00134	.00057	.00683	.52	.0157	.74	.00177	.00000
%RSD	.27810	.31322	.20885	.95740	.09092	.18020	.50347	.33075	.00085

#1	55.027	.42573	.27287	.70833	573.09	8.6936	147.24	.53487	.04569
#2	54.811	.42762	.27368	.71799	572.35	8.6715	146.19	.53738	.04569

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	3.2700	.73809	3.2236	48.732	.01138	.60737	5.8589	8.4706	.14392
Stddev	.0341	.00032	.0163	.340	.00002	.00350	.0161	.0329	.00071
%RSD	1.0416	.04389	.50539	.69745	.14642	.57680	.27462	.38859	.49541

#1	3.2941	.73832	3.2351	48.972	.01140	.60490	5.8475	8.4473	.14342
#2	3.2459	.73786	3.2121	48.491	.01137	.60985	5.8703	8.4939	.14442

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	11.821	.65666	17.02	.47214
Stddev	.063	.00146	.01	.00285
%RSD	.53558	.22278	.0632	.60362

#1	11.866	.65769	17.01	.47416
#2	11.776	.65562	17.02	.47013

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6361.7	92223.	6866.4	96.059	3581.1
Stddev	26.0	532.	53.8	.460	6.3
%RSD	.40835	.57649	.78317	.47851	.17505

#1	6380.1	91847.	6828.4	95.734	3585.5
#2	6343.3	92599.	6904.4	96.384	3576.7

Sample Name: I4564-03 Acquired: 8/2/2017 19:06:31 Type: Unk
Method: P4-ICP2(v2122) 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	.16555	.02681	3.1662	.20285	.01509	249.02	1.7750	.00948	.00774
Stddev	.00036	.00337	.0003	.00544	.00018	.58	.0029	.00012	.00099
%RSD	.21790	12.560	.00851	2.6817	1.1907	.23174	.16115	1.2556	12.841

#1	.16580	.02443	3.1661	.19900	.01496	249.43	1.7770	.00957	.00844
#2	.16529	.02919	3.1664	.20669	.01522	248.61	1.7730	.00940	.00704

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	73.794	.92344	.31251	1.1606	531.27	12.834	199.19	.62242	.04085
Stddev	.088	.00005	.00039	.0013	10.37	.047	.73	.00023	.00111
%RSD	.11964	.00569	.12383	.11321	1.9511	.36962	.36638	.03642	2.7113

#1	73.732	.92340	.31279	1.1615	523.94	12.800	198.68	.62258	.04006
#2	73.856	.92348	.31224	1.1596	538.60	12.867	199.71	.62226	.04163

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7666	.73744	2.9747	35.902	.01260	.56725	1.7720	10.842	.29425
Stddev	.0073	.00457	.0556	.023	.00013	.02316	.0003	.095	.00111
%RSD	.12625	.61996	1.8684	.06490	1.0160	4.0836	.01502	.87301	.37796

#1	5.7718	.74068	2.9354	35.918	.01269	.55087	1.7722	10.909	.29504
#2	5.7615	.73421	3.0140	35.886	.01251	.58363	1.7718	10.775	.29347

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	8.5916	.35358	8.150	.87890
Stddev	.0176	.00102	.030	.00179
%RSD	.20462	.28890	.3702	.20373

#1	8.6040	.35286	8.171	.88017
#2	8.5792	.35431	8.129	.87764

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5668.1	82674.	6068.6	93.569	3634.1
Stddev	11.7	244.	6.4	1.770	10.7
%RSD	.20716	.29531	.10533	1.8917	.29569

#1	5676.4	82502.	6064.1	94.820	3626.5
#2	5659.8	82847.	6073.1	92.317	3641.7

Sample Name: I4564-04 Acquired: 8/2/2017 19:10:43 Type: Unk
Method: P4-ICP2(v2122) 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	.13612	.01567	4.4903	.12364	.01220	152.70	2.6669	.00895	.00911
Stddev	.00452	.00051	.0032	.00224	.00003	.47	.0043	.00018	.00108
%RSD	3.3235	3.2810	.07097	1.8137	.27069	.31049	.16102	1.9886	11.796

#1	.13932	.01603	4.4881	.12523	.01223	153.03	2.6700	.00882	.00835
#2	.13292	.01530	4.4926	.12205	.01218	152.36	2.6639	.00907	.00988

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	194.98	.42777	.24381	.94002	358.62	5.6329	225.92	2.1534	.03075
Stddev	.34	.00067	.00021	.00031	7.99	.0326	.75	.0059	.00057
%RSD	.17569	.15655	.08675	.03323	2.2286	.57797	.33117	.27280	1.8411

#1	195.22	.42730	.24366	.93980	364.27	5.6560	226.45	2.1492	.03115
#2	194.74	.42824	.24396	.94024	352.97	5.6099	225.39	2.1575	.03035

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	3.9309	.45768	3.4294	24.120	.01271	.53777	6.5248	6.5700	.22678
Stddev	.0041	.00011	.0515	.009	.00009	.00903	.0043	.0158	.00021
%RSD	.10455	.02420	1.5002	.03674	.72145	1.6799	.06539	.24060	.09180

#1	3.9338	.45760	3.4657	24.114	.01278	.54416	6.5278	6.5588	.22693
#2	3.9280	.45776	3.3930	24.126	.01265	.53138	6.5218	6.5811	.22663

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	5.4320	.31780	8.283	.90267
Stddev	.0120	.00042	.006	.00215
%RSD	.22013	.13086	.0758	.23787

#1	5.4405	.31809	8.288	.90419
#2	5.4236	.31750	8.279	.90115

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5516.2	80853.	5968.7	95.688	3677.5
Stddev	20.3	5.	15.0	1.499	.9
%RSD	.36710	.00566	.25154	1.5662	.02531

#1	5501.9	80849.	5979.4	94.628	3676.9
#2	5530.5	80856.	5958.1	96.748	3678.2

Sample Name: I4564-05 Acquired: 8/2/2017 19:14:55 Type: Unk
Method: P4-ICP2(v2122) 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	.08516	.02959	3.3516	.23371	.01661	158.89	1.5837	.00422	.01247
Stddev	.00057	.00393	.0018	.00699	.00133	.08	.0036	.00004	.00137
%RSD	.67292	13.297	.05238	2.9912	7.9971	.05096	.22639	.96244	10.977

#1	.08475	.02680	3.3528	.22877	.01567	158.95	1.5862	.00424	.01343
#2	.08556	.03237	3.3503	.23865	.01755	158.83	1.5811	.00419	.01150

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	78.445	.40866	.61716	1.0292	611.04	5.2800	335.70	2.8344	.04350
Stddev	.121	.00125	.00005	.0033	8.88	.0227	.45	.0006	.00111
%RSD	.15485	.30588	.00795	.31868	1.4532	.42948	.13492	.02252	2.5527

#1	78.530	.40777	.61719	1.0315	604.76	5.2640	336.02	2.8349	.04272
#2	78.359	.40954	.61712	1.0268	617.32	5.2960	335.38	2.8340	.04429

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	8.1953	.64081	3.8574	27.497	.00452	.60802	1.3800	7.3514	.27667
Stddev	.0005	.00086	.0668	.026	.00022	.00108	.0053	.0370	.00136
%RSD	.00611	.13430	1.7319	.09504	4.9446	.17690	.38018	.50347	.49287

#1	8.1950	.64142	3.8101	27.515	.00468	.60726	1.3763	7.3775	.27571
#2	8.1957	.64020	3.9046	27.478	.00436	.60878	1.3838	7.3252	.27764

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	7.6446	.31884	9.495	.53205
Stddev	.0120	.00025	.025	.00037
%RSD	.15753	.07954	.2613	.07016

#1	7.6361	.31866	9.478	.53231
#2	7.6531	.31901	9.513	.53178

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5155.1	75491.	5547.2	93.909	3567.0
Stddev	6.4	156.	9.1	1.520	4.7
%RSD	.12445	.20661	.16315	1.6182	.13291

#1	5150.5	75601.	5540.8	94.984	3563.7
#2	5159.6	75381.	5553.6	92.835	3570.4

Sample Name: I4564-06 Acquired: 8/2/2017 19:19:08 Type: Unk
Method: P4-ICP2(v2122) 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	.17083	.01995	3.1517	.20110	.01422	260.24	1.6747	.01258	.01156
Stddev	.00066	.00120	.0042	.00134	.00042	.16	.0034	.00002	.00026
%RSD	.38804	5.9961	.13360	.66678	2.9638	.06089	.20381	.18093	2.2377

#1	.17130	.01911	3.1547	.20205	.01452	260.13	1.6772	.01256	.01138
#2	.17036	.02080	3.1487	.20015	.01392	260.35	1.6723	.01259	.01174

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	55.464	.46018	.24940	.92263	518.29	8.3755	110.09	.53008	.04164
Stddev	.107	.00156	.00072	.00034	4.43	.0832	.41	.00102	.00062
%RSD	.19234	.33822	.28936	.03640	.85457	.99338	.37143	.19196	1.4889

#1	55.388	.46128	.24991	.92239	521.43	8.3166	109.80	.53080	.04207
#2	55.539	.45908	.24888	.92286	515.16	8.4343	110.38	.52936	.04120

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	3.4841	.65020	4.6777	38.049	.01421	.55968	6.4215	10.006	.50761
Stddev	.0197	.00101	.0505	.059	.00016	.01482	.0006	.007	.00038
%RSD	.56529	.15527	1.0804	.15635	1.1363	2.6480	.00881	.06950	.07411

#1	3.4702	.64948	4.7134	38.091	.01432	.57016	6.4219	10.011	.50735
#2	3.4980	.65091	4.6420	38.007	.01409	.54920	6.4211	10.001	.50788

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	10.160	.54040	13.92	.45398
Stddev	.005	.00219	.02	.00072
%RSD	.04539	.40507	.1469	.15850

#1	10.163	.53885	13.93	.45448
#2	10.157	.54194	13.90	.45347

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6354.2	91390.	6776.2	95.855	3661.1
Stddev	2.2	8.	3.9	.970	5.1
%RSD	.03391	.00845	.05709	1.0116	.13850

#1	6352.7	91396.	6778.9	95.169	3657.5
#2	6355.7	91385.	6773.4	96.541	3664.7

Sample Name: I4497-04 Acquired: 8/2/2017 19:23:18 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00141	-.00227	.00470	.00220	.00038	.06689	.08976	-.00013
Stddev	.00055	.00200	.00035	.00102	.00083	.00536	.00061	.00002
%RSD	38.839	88.025	7.3840	46.596	216.71	8.0088	.68305	14.856

#1	-.00103	-.00369	.00445	.00292	.00097	.07068	.08932	-.00011
#2	-.00180	-.00086	.00494	.00147	-.00020	.06310	.09019	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	3.9277	.00088	-.00041	.01249	.06577	.01453	1.7210
Stddev	.00000	.0156	.00048	.00012	.00030	.00702	.00007	.0397
%RSD	9.9411	.39799	54.819	30.037	2.4412	10.669	.50803	2.3057

#1	-.00004	3.9166	.00122	-.00033	.01271	.07073	.01447	1.6930
#2	-.00003	3.9387	.00054	-.00050	.01228	.06081	.01458	1.7491

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00134	-.00010	310.24	.00041	.01779	.23431	.00002	.02126
Stddev	.00000	.00022	3.22	.00042	.00025	.00690	.00001	.00938
%RSD	.23228	209.05	1.0384	101.96	1.4248	2.9431	70.469	44.099

#1	.00134	.00005	307.97	.00011	.01797	.23919	.00001	.02789
#2	.00134	-.00026	312.52	.00071	.01762	.22944	.00003	.01463

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.06773	.45757	.00068	.00160	.00321	.0066	.01665	
Stddev	.00071	.00074	.00012	.00371	.00207	.0009	.00023	
%RSD	1.0506	.16123	18.007	232.72	64.427	13.86	1.3610	

#1	.06824	.45704	.00060	.00422	.00175	.0072	.01649	
#2	.06723	.45809	.00077	-.00103	.00468	.0059	.01681	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4925.3	69868.	5001.6	101.59	4214.6			
Stddev	13.5	4.	3.2	.97	10.8			
%RSD	.27410	.00632	.06409	.95122	.25540			

#1	4915.7	69864.	5003.9	102.28	4207.0			
#2	4934.8	69871.	4999.3	100.91	4222.3			

Sample Name: I4497-08 Acquired: 8/2/2017 19:27:35 Type: Unk
Method: P4-ICP2(v2122) 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	-.00318	-.00203	.00718	.00346	.00091	.06506	.06277	-.00014
Stddev	.00124	.00032	.00041	.00123	.00116	.00422	.00019	.00004
%RSD	39.022	15.756	5.7083	35.571	127.89	6.4856	.30206	25.635

#1	-.00230	-.00226	.00689	.00433	.00173	.06208	.06263	-.00011
#2	-.00405	-.00181	.00747	.00259	.00009	.06805	.06290	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	4.1355	.00020	.00038	.00333	.06141	.05642	1.3567
Stddev	.00001	.0002	.00014	.00000	.00051	.00398	.00031	.0413
%RSD	7.6912	.00455	67.501	1.0624	15.440	6.4890	.54884	3.0409

#1	-.00007	4.1357	.00030	.00038	.00369	.05859	.05620	1.3859
#2	-.00007	4.1354	.00011	.00038	.00296	.06423	.05664	1.3276

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	-.00011	304.44	.00039	.01449	.24864	-.00008	.00655
Stddev	.00014	.00007	1.85	.00009	.00024	.02607	.00017	.00371
%RSD	14.162	61.767	.60809	22.668	1.6406	10.485	203.08	56.659

#1	.00111	-.00006	303.14	.00032	.01466	.23021	.00004	.00917
#2	.00091	-.00016	305.75	.00045	.01432	.26708	-.00020	.00392

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.17592	.35834	.00053	.00181	.00425	.0057	.01564	
Stddev	.00349	.00274	.00030	.00039	.00274	.0015	.00006	
%RSD	1.9837	.76469	56.844	21.431	64.466	26.42	.40648	

#1	.17345	.36028	.00031	.00209	.00231	.0068	.01568	
#2	.17839	.35641	.00074	.00154	.00618	.0046	.01559	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4900.4	69838.	4987.9	102.64	4217.8			
Stddev	1.1	76.	2.6	.20	5.3			
%RSD	.02295	.10834	.05292	.19155	.12610			

#1	4899.6	69892.	4989.8	102.50	4221.5			
#2	4901.2	69785.	4986.1	102.77	4214.0			

Sample Name: I4497-12 Acquired: 8/2/2017 19:31:53 Type: Unk
Method: P4-ICP2(v2122) 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	-.00157	.00117	.00295	.00131	.04969	.07519	-.00015
Stddev	.00023	.00023	.00045	.00032	.00036	.00716	.00086	.00002
%RSD	17.087	14.578	38.887	11.010	27.040	14.414	1.1467	11.497

#1	-.00153	-.00141	.00085	.00318	.00106	.04462	.07579	-.00017
#2	-.00120	-.00174	.00149	.00272	.00156	.05475	.07458	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	3.4162	.00010	.00063	.00375	.01756	.17996	.58067
Stddev	.00003	.0125	.00031	.00020	.00040	.00496	.00008	.02547
%RSD	54.266	.36677	298.86	31.880	10.560	28.264	.04332	4.3861

#1	-.00004	3.4073	-.00012	.00049	.00347	.01405	.18002	.59868
#2	-.00008	3.4251	.00032	.00077	.00402	.02107	.17991	.56266

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00127	-.00050	275.58	.00026	.01264	.35489	-.00005	.01183
Stddev	.00006	.00011	1.90	.00017	.00034	.02035	.00004	.00467
%RSD	4.9411	22.265	.68825	65.347	2.7080	5.7328	80.910	39.472

#1	.00132	-.00058	274.24	.00038	.01288	.34051	-.00002	.01513
#2	.00123	-.00043	276.92	.00014	.01239	.36928	-.00008	.00853

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.16222	.18641	-.00009	-.00063	.00560	.0035	.01452	
Stddev	.00040	.00725	.00035	.00023	.00138	.0013	.00006	
%RSD	.24500	3.8918	374.94	36.499	24.668	36.72	.40476	

#1	.16250	.18128	-.00034	-.00079	.00462	.0044	.01448	
#2	.16194	.19154	.00015	-.00047	.00657	.0026	.01456	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4902.5	69939.	4987.7	99.918	4196.4			
Stddev	6.4	117.	13.1	2.779	8.6			
%RSD	.13093	.16797	.26240	2.7809	.20532			

#1	4897.9	69856.	4996.9	97.953	4190.3			
#2	4907.0	70022.	4978.4	101.88	4202.5			

Sample Name: I4511-03 Acquired: 8/2/2017 19:36:11 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00170	-.00260	.00031	-.01430	-.00138	-.03798	.09535	-.00026
Stddev	.00025	.00085	.00030	.00033	.00136	.00126	.00035	.00001
%RSD	15.025	32.725	96.678	2.3229	98.596	3.3044	.36673	3.7388

#1	-.00188	-.00320	.00010	-.01406	-.00233	-.03710	.09560	-.00026
#2	-.00152	-.00200	.00052	-.01453	-.00042	-.03887	.09510	-.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	175.74	.00008	.00244	.00142	.01736	.05784	2.8935
Stddev	.00013	.25	.00002	.00006	.00006	.00360	.00014	.0066
%RSD	86.729	.14233	27.072	2.3688	4.4007	20.732	.23835	.22988

#1	-.00025	175.56	.00006	.00248	.00138	.01481	.05794	2.8888
#2	-.00006	175.91	.00009	.00240	.00147	.01990	.05774	2.8982

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00470	-.00048	317.16	-.00031	.00599	.73293	.00011	-.00154
Stddev	.00014	.00013	.11	.00026	.00012	.02571	.00015	.00122
%RSD	2.9954	27.529	.03397	83.454	2.0523	3.5084	135.70	79.255

#1	.00460	-.00039	317.08	-.00013	.00607	.71475	.00000	-.00068
#2	.00480	-.00057	317.23	-.00050	.00590	.75112	.00022	-.00240

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.19438	.24966	.00044	-.00619	.01401	.0027	.35703	
Stddev	.00151	.00192	.00015	.00111	.00475	.0012	.00019	
%RSD	.77649	.77033	34.202	17.997	33.901	45.69	.05205	

#1	.19331	.24830	.00055	-.00698	.01065	.0035	.35690	
#2	.19544	.25102	.00033	-.00540	.01736	.0018	.35716	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4710.7	68095.	4924.1	98.971	4020.2			
Stddev	6.4	46.	1.6	.557	.7			
%RSD	.13561	.06721	.03185	.56302	.01773			

#1	4715.3	68062.	4925.2	98.577	4019.7			
#2	4706.2	68127.	4923.0	99.365	4020.7			

Sample Name: CCV06 Acquired: 8/2/2017 19:40:28 Type: Unk
Method: P4-ICP2(v2122) 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	4.8443	4.6635	4.8331	4.7563	4.7714	9.2076	9.5589	.23853	2.3782
Stddev	.0216	.0013	.0109	.0203	.0162	.0007	.0329	.00068	.0047
%RSD	.44661	.02698	.22629	.42669	.34025	.00763	.34413	.28372	.19803

#1	4.8290	4.6644	4.8254	4.7420	4.7599	9.2081	9.5356	.23805	2.3749
#2	4.8596	4.6626	4.8409	4.7707	4.7828	9.2071	9.5821	.23901	2.3816

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.354	.96364	2.3492	1.2032	4.9054	2.3892	24.960	2.3472	1.1908
Stddev	.027	.00434	.0048	.0034	.0287	.0057	.053	.0053	.0004
%RSD	.11280	.45041	.20398	.28358	.58541	.24071	.21332	.22347	.03296

#1	24.335	.96057	2.3458	1.2008	4.9257	2.3852	24.998	2.3435	1.1905
#2	24.373	.96671	2.3525	1.2056	4.8851	2.3933	24.922	2.3509	1.1911

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	23.687	2.3870	2.4716	23.934	4.8252	4.7766	4.6278	5.0461	4.7297
Stddev	.082	.0077	.0040	.094	.0135	.0056	.0182	.0230	.0142
%RSD	.34768	.32391	.16256	.39284	.27901	.11709	.39331	.45499	.30116

#1	23.628	2.3816	2.4744	23.868	4.8157	4.7806	4.6149	5.0623	4.7196
#2	23.745	2.3925	2.4687	24.001	4.8347	4.7727	4.6407	5.0299	4.7397

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8252	4.7805	4.818	4.8413
Stddev	.0073	.0050	.006	.0087
%RSD	.15086	.10526	.1237	.17980

#1	4.8304	4.7769	4.814	4.8351
#2	4.8201	4.7841	4.822	4.8474

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4818.2	67669.	4903.2	97.235	3999.1
Stddev	15.2	191.	7.1	.127	8.6
%RSD	.31584	.28152	.14476	.13107	.21394

#1	4829.0	67804.	4908.3	97.144	4005.1
#2	4807.5	67534.	4898.2	97.325	3993.0

Sample Name: LLCCV03 Acquired: 8/2/2017 19:44:34 Type: Unk
Method: P4-ICP2(v2122) 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	.02082	.03841	.01109	.02082	.04698	.09830	.09643	.00590	.00580
Stddev	.00084	.00075	.00024	.00065	.00081	.00705	.00057	.00004	.00004
%RSD	4.0302	1.9488	2.1610	3.1315	1.7165	7.1712	.59565	.63021	.60583

#1	.02022	.03894	.01092	.02128	.04641	.10328	.09603	.00593	.00583
#2	.02141	.03788	.01126	.02036	.04756	.09331	.09684	.00587	.00578

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9350	.01022	.02816	.01849	.11760	.02082	1.9947	.03813	.00950
Stddev	.0313	.00016	.00001	.00023	.01607	.00006	.0274	.00026	.00006
%RSD	1.6186	1.5289	.04502	1.2287	13.668	.26568	1.3758	.68223	.66724

#1	1.9128	.01011	.02817	.01865	.10624	.02086	2.0141	.03795	.00955
#2	1.9571	.01033	.02815	.01833	.12897	.02078	1.9753	.03832	.00946

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	1.9537	.03818	.04021	1.9479	.20628	.09928	.01906	.38436	.04000
Stddev	.0027	.00005	.00033	.0124	.00185	.00055	.00136	.00027	.00002
%RSD	.14055	.11865	.81382	.63793	.89866	.55760	7.1324	.06900	.04707

#1	1.9517	.03815	.04044	1.9391	.20759	.09889	.02002	.38417	.03999
#2	1.9556	.03821	.03998	1.9566	.20497	.09967	.01809	.38455	.04001

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.03729	.01964	.0203	.02006
Stddev	.00214	.00105	.0002	.00011
%RSD	5.7414	5.3545	1.002	.56925

#1	.03577	.02038	.0204	.01998
#2	.03880	.01889	.0201	.02014

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4870.5	66970.	4853.3	99.600	4158.5
Stddev	10.6	116.	15.6	.494	2.5
%RSD	.21854	.17337	.32186	.49642	.06031

#1	4862.9	67052.	4864.4	99.251	4156.7
#2	4878.0	66888.	4842.3	99.950	4160.3

Sample Name: CCB06 Acquired: 8/2/2017 19:48:45 Type: Unk

Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000

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

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	.00112	-.00100	.00096	.00115	.00000	.00099	.00003
Stddev	.00028	.00051	.00045	.00130	.00003	.00538	.00020	.00005
%RSD	50.546	45.867	44.587	135.64	2.4045	125370.	19.985	171.55

#1	-.00036	.00149	-.00069	.00188	.00113	.00381	.00085	.00007
#2	-.00076	.00076	-.00132	.00004	.00117	-.00380	.00113	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.01014	-.00035	.00001	.00010	.02242	.00139	-.03228
Stddev	.00003	.00125	.00004	.00002	.00044	.00516	.00002	.00957
%RSD	32.076	12.294	11.893	126.30	460.11	23.027	1.6141	29.651

#1	-.00012	-.01102	-.00032	.00000	-.00022	.01877	.00138	-.02552
#2	-.00008	-.00926	-.00038	.00003	.00041	.02607	.00141	-.03905

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.00029	.03060	-.00006	.00008	.01770	.00056	-.00060
Stddev	.00006	.00103	.00463	.00027	.00007	.01450	.00004	.00615
%RSD	12.000	352.15	15.130	486.20	84.811	81.932	6.2808	1017.9

#1	.00048	-.00043	.03387	-.00025	.00003	.00745	.00059	-.00495
#2	.00057	.00102	.02732	.00013	.00013	.02796	.00054	.00375

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00106	-.00958	-.00050	.00035	.00129	-.0003	.00003	
Stddev	.00257	.00019	.00008	.00022	.00103	.0013	.00013	
%RSD	241.48	1.9374	16.298	63.141	79.591	440.4	502.80	

#1	-.00075	-.00945	-.00044	.00051	.00056	.0006	.00012	
#2	.00288	-.00971	-.00055	.00020	.00202	-.0012	-.00007	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4896.2	66727.	4872.8	100.19	4145.9			
Stddev	6.1	27.	10.9	1.02	4.5			
%RSD	.12501	.04053	.22360	1.0207	.10856			

#1	4900.5	66708.	4865.1	100.92	4142.7			
#2	4891.9	66747.	4880.5	99.470	4149.0			

Sample Name: I4534-04 Acquired: 8/2/2017 19:53:00 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: 72-11938 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00155	-.00240	.01213	.00220	.00049	.09959	.07703	-.00011
Stddev	.00021	.00067	.00021	.00023	.00052	.00930	.00019	.00005
%RSD	13.754	27.727	1.7457	10.261	106.39	9.3392	.24780	48.208

#1	-.00140	-.00193	.01198	.00204	.00012	.09301	.07690	-.00014
#2	-.00170	-.00287	.01228	.00236	.00086	.10616	.07717	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	4.6087	.00031	-.00038	.00454	.04513	.04163	.53569
Stddev	.00003	.0138	.00013	.00020	.00031	.00143	.00006	.04085
%RSD	20.443	.29859	41.956	52.362	6.8108	3.1683	.13849	7.6263

#1	.00018	4.5990	.00040	-.00024	.00432	.04411	.04159	.50680
#2	.00013	4.6184	.00022	-.00052	.00476	.04614	.04167	.56458

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00134	-.00023	316.83	.00044	.04647	.42123	.00012	.00861
Stddev	.00038	.00053	.43	.00003	.00112	.03115	.00009	.00200
%RSD	28.388	224.64	.13633	5.9917	2.4043	7.3954	71.460	23.225

#1	.00161	.00014	317.14	.00046	.04726	.44326	.00019	.00719
#2	.00107	-.00061	316.53	.00042	.04568	.39921	.00006	.01002

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.11951	.24486	.00105	.00030	.00227	.1818	.01561	
Stddev	.00178	.00304	.00019	.00025	.00261	.0011	.00003	
%RSD	1.4880	1.2399	18.201	84.693	114.92	.6093	.20415	

#1	.11826	.24271	.00119	.00048	.00043	.1825	.01563	
#2	.12077	.24701	.00092	.00012	.00412	.1810	.01558	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4898.4	69466.	4947.3	101.73	4203.7			
Stddev	1.1	94.	5.9	2.44	3.2			
%RSD	.02197	.13493	.12006	2.4027	.07596			

#1	4899.1	69399.	4943.1	100.01	4201.4			
#2	4897.6	69532.	4951.5	103.46	4206.0			

Sample Name: I4539-04 Acquired: 8/2/2017 19:57:19 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	-.00234	.00129	.00056	-.00058	.08501	.08916	.00000
Stddev	.00029	.00098	.00054	.00182	.00085	.00711	.00043	.0001
%RSD	30.225	42.062	41.619	326.57	145.56	8.3609	.47814	3596.0
#1	-.00118	-.00304	.00167	.00185	-.00118	.09004	.08886	.00004
#2	-.00077	-.00164	.00091	-.00073	.00002	.07999	.08946	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	7.7662	.00033	.03187	.00454	.08249	.49932	2.8025
Stddev	.00004	.0374	.00062	.00048	.00017	.00434	.00092	.0199
%RSD	724.93	.48192	188.97	1.5152	3.7851	5.2638	.18422	.70879
#1	-.00003	7.7397	.00076	.03221	.00441	.07942	.49867	2.7884
#2	.00004	7.7926	-.00011	.03153	.00466	.08556	.49997	2.8165
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00223	-.00021	356.25	.00035	.01654	.36487	.00008	.03122
Stddev	.00016	.00043	3.88	.00044	.00032	.03577	.00011	.00341
%RSD	7.3492	199.89	1.0894	124.40	1.9302	9.8033	124.64	10.909
#1	.00212	.00009	353.51	.00004	.01632	.39016	.00001	.02881
#2	.00235	-.00052	359.00	.00066	.01677	.33957	.00016	.03363
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.68645	.50329	.00079	.00208	.00683	.0025	.02979	
Stddev	.00628	.00790	.00059	.00234	.00230	.0005	.00021	
%RSD	.91479	1.5704	75.145	112.42	33.609	18.62	.72162	
#1	.69089	.49770	.00121	.00043	.00521	.0028	.02964	
#2	.68201	.50888	.00037	.00373	.00846	.0021	.02994	
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4859.7	68860.	4897.1	102.27	4161.6			
Stddev	18.5	52.	59.7	2.08	22.8			
%RSD	.38154	.07572	1.2188	2.0386	.54871			
#1	4846.6	68823.	4939.4	103.75	4145.4			
#2	4872.8	68897.	4854.9	100.80	4177.7			

Sample Name: I4539-08 Acquired: 8/2/2017 20:01:38 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00212	-.00188	.00172	.00130	.00011	.05089	.07683	-.00011
Stddev	.00053	.00072	.00056	.00219	.00176	.01053	.00025	.00002
%RSD	25.163	38.347	32.493	168.59	1660.5	20.688	.32568	19.457

#1	-.00174	-.00239	.00133	-.00025	.00135	.04345	.07665	-.00009
#2	-.00249	-.00137	.00212	.00285	-.00114	.05834	.07700	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	4.1176	.00053	-.00038	.00275	.03230	.00621	1.0119
Stddev	.00000	.0076	.00017	.00004	.00040	.00637	.00013	.0062
%RSD	3.1283	.18548	31.836	10.644	14.470	19.717	2.1644	.60777

#1	-.00007	4.1230	.00065	-.00041	.00247	.03680	.00611	1.0162
#2	-.00007	4.1122	.00041	-.00035	.00303	.02779	.00630	1.0075

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	-.00003	305.13	.00049	.03036	.40001	-.00016	.00982
Stddev	.00009	.00072	1.40	.00015	.00014	.02010	.00012	.00113
%RSD	8.4348	2794.4	.46029	31.646	.45113	5.0258	77.831	11.513

#1	.00117	.00048	306.12	.00060	.03027	.41423	-.00007	.00902
#2	.00104	-.00053	304.14	.00038	.03046	.38580	-.00024	.01062

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.11069	.31403	-.00011	.00209	.00659	.0178	.02411	
Stddev	.00141	.00174	.00051	.00016	.00332	.0009	.00009	
%RSD	1.2728	.55343	461.36	7.7163	50.331	4.886	.35981	

#1	.11169	.31526	.00025	.00220	.00424	.0184	.02404	
#2	.10970	.31280	-.00047	.00197	.00893	.0172	.02417	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4845.1	68914.	4876.0	98.226	4125.1			
Stddev	1.5	7.	13.3	.540	5.8			
%RSD	.03068	.00966	.27360	.54973	.14011			

#1	4844.0	68919.	4866.6	98.608	4129.2			
#2	4846.1	68910.	4885.4	97.844	4121.0			

Sample Name: I4540-03 Acquired: 8/2/2017 20:05:57 Type: Unk
 Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: 72-12003 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00207	-.00371	1.1789	-.00312	.00312	.08397	.29114	-.00014
Stddev	.00262	.00048	.0024	.00119	.00004	.00782	.00084	.00006
%RSD	126.54	12.891	.20770	38.182	1.3378	9.3091	.28922	43.393

#1	-.00392	-.00405	1.1806	-.00396	.00309	.08949	.29055	-.00009
#2	-.00022	-.00337	1.1771	-.00228	.00315	.07844	.29174	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00308	66.985	.00081	.00273	.03212	.02607	.21393	3.3797
Stddev	.00006	.292	.00036	.00012	.00003	.01868	.00038	.0111
%RSD	1.9570	.43602	43.685	4.2183	.08380	71.638	.17799	.32817

#1	.00312	66.778	.00056	.00265	.03210	.01287	.21366	3.3875
#2	.00304	67.191	.00106	.00281	.03214	.03928	.21420	3.3719

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00853	.00011	320.68	.00068	.26480	1.4086	-.00026	.01102
Stddev	.00016	.00027	.32	.00006	.00808	.0081	.00004	.00141
%RSD	1.8251	248.80	.09855	8.3388	3.0530	.57397	14.268	12.762

#1	.00842	-.00008	320.90	.00064	.25908	1.4029	-.00028	.01202
#2	.00864	.00030	320.45	.00072	.27051	1.4143	-.00023	.01003

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.48779	1.3499	.00080	-.00033	.01197	.0152	.27552	
Stddev	.00401	.0023	.00049	.00119	.00082	.0011	.00009	
%RSD	.82256	.17126	61.251	363.57	6.8163	6.920	.03205	

#1	.49063	1.3483	.00114	.00051	.01255	.0160	.27559	
#2	.48495	1.3516	.00045	-.00116	.01140	.0145	.27546	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4792.2	68320.	4870.3	99.168	4105.0			
Stddev	15.9	234.	9.7	2.919	19.5			
%RSD	.33176	.34204	.19980	2.9436	.47560			

#1	4781.0	68486.	4877.2	101.23	4091.2			
#2	4803.4	68155.	4863.4	97.104	4118.8			

Sample Name: I4540-07 Acquired: 8/2/2017 20:10:13 Type: Unk
 Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: 72-12020 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00162	-.00227	.04610	-.00245	-.00067	.11693	.32285	-.00009
Stddev	.00008	.00009	.00096	.00156	.00020	.00334	.00002	.00001
%RSD	4.8698	3.9522	2.0819	63.918	29.412	2.8584	.00596	8.3139

#1	-.00156	-.00221	.04678	-.00355	-.00053	.11929	.32284	-.00010
#2	-.00167	-.00234	.04542	-.00134	-.00081	.11456	.32286	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00109	55.315	.00063	-.00033	.02092	.03827	.17640	2.2043
Stddev	.00002	.033	.00026	.00019	.00024	.01128	.00029	.0192
%RSD	2.2112	.05956	42.181	57.006	1.1648	29.469	.16601	.87099

#1	.00111	55.292	.00044	-.00020	.02075	.04625	.17661	2.1908
#2	.00107	55.338	.00082	-.00046	.02110	.03030	.17620	2.2179

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00518	-.00029	343.51	.00069	.17145	1.2736	.00012	.01031
Stddev	.00043	.00030	4.24	.00048	.00232	.0322	.00010	.00152
%RSD	8.3220	105.48	1.2352	69.125	1.3516	2.5263	87.574	14.747

#1	.00548	-.00050	346.51	.00103	.16981	1.2508	.00005	.01139
#2	.00487	-.00007	340.51	.00035	.17309	1.2963	.00019	.00924

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.53769	1.2413	.00057	.00139	.01379	.0343	.24854	
Stddev	.00146	.0161	.00043	.00022	.00162	.0003	.00027	
%RSD	.27066	1.2939	75.152	15.796	11.780	.8382	.10862	

#1	.53666	1.2526	.00027	.00154	.01264	.0345	.24873	
#2	.53872	1.2299	.00087	.00123	.01494	.0341	.24835	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4816.6	68713.	4913.7	98.859	4113.7			
Stddev	10.2	132.	33.5	1.251	4.6			
%RSD	.21239	.19268	.68270	1.2658	.11250			

#1	4809.4	68620.	4890.0	99.743	4110.4			
#2	4823.8	68807.	4937.4	97.974	4117.0			

Sample Name: I4540-11 Acquired: 8/2/2017 20:14:30 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: 72-11948 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00175	-.00237	.14494	.00007	-.00140	.05525	.22452	-.00017
Stddev	.00264	.00060	.00031	.00010	.00020	.01397	.00120	.00001
%RSD	150.83	25.480	.21416	144.43	14.166	25.285	.53249	8.1447

#1	.00362	-.00194	.14516	.00000	-.00154	.04537	.22537	-.00016
#2	-.00012	-.00280	.14472	.00013	-.00126	.06512	.22368	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	44.778	.00069	.00012	.01317	.01034	.14304	2.7334
Stddev	.00003	.152	.00022	.00013	.00008	.00086	.00009	.0056
%RSD	1.8968	.34054	32.153	102.57	.58811	8.3297	.05952	.20296

#1	.00135	44.886	.00053	.00003	.01322	.01095	.14298	2.7295
#2	.00131	44.670	.00085	.00021	.01311	.00973	.14310	2.7373

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00648	-.00021	307.91	.00059	.27192	1.4263	-.00004	.00602
Stddev	.00012	.00040	1.40	.00050	.00641	.0219	.00020	.00086
%RSD	1.9238	195.44	.45377	84.901	2.3581	1.5347	507.53	14.227

#1	.00657	.00008	308.90	.00024	.27645	1.4108	.00010	.00541
#2	.00639	-.00049	306.92	.00094	.26738	1.4418	-.00018	.00662

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.72196	.97886	.00045	-.00127	.01155	.0461	.18992	
Stddev	.00146	.01005	.00016	.00004	.00029	.0001	.00095	
%RSD	.20239	1.0271	35.782	3.0322	2.5436	.3095	.49893	

#1	.72299	.98597	.00034	-.00130	.01134	.0462	.19059	
#2	.72092	.97175	.00057	-.00125	.01176	.0460	.18925	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4820.1	69382.	4963.2	101.48	4136.0			
Stddev	2.0	188.	31.1	2.38	2.4			
%RSD	.04170	.27129	.62706	2.3480	.05872			

#1	4818.7	69249.	4941.1	99.793	4137.8			
#2	4821.6	69516.	4985.2	103.16	4134.3			

Sample Name: I4540-15 Acquired: 8/2/2017 20:18:47 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: 72-11942 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00104	-.00082	.38774	-.00349	.00073	.05410	.23647	-.00009
Stddev	.00068	.00056	.00055	.00109	.00011	.01205	.00041	.00003
%RSD	65.375	67.616	.14233	31.254	15.427	22.265	.17548	30.568

#1	-.00152	-.00043	.38813	-.00272	.00081	.06262	.23618	-.00012
#2	-.00056	-.00121	.38735	-.00426	.00065	.04558	.23677	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00302	69.843	.00088	.00745	.05078	.02082	.50390	3.1292
Stddev	.00005	.071	.00000	.00014	.00001	.00731	.00091	.0507
%RSD	1.7784	.10196	.51793	1.8390	.01518	35.136	.18091	1.6203

#1	.00306	69.893	.00087	.00755	.05078	.01564	.50325	3.1651
#2	.00298	69.793	.00088	.00735	.05079	.02599	.50454	3.0934

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01658	.00017	315.75	.00005	.41303	2.5784	-.00013	.01702
Stddev	.00039	.00033	4.78	.00015	.00250	.0073	.00004	.00506
%RSD	2.3519	188.93	1.5150	303.62	.60469	.28177	30.596	29.743

#1	.01630	-.00006	319.14	.00015	.41127	2.5836	-.00010	.02060
#2	.01685	.00041	312.37	-.00005	.41480	2.5733	-.00016	.01344

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	1.0970	1.6585	.00019	-.00224	.01396	.0068	.27680	
Stddev	.0010	.0112	.00051	.00051	.00092	.0006	.00085	
%RSD	.08633	.67378	273.71	22.681	6.6054	8.448	.30565	

#1	1.0963	1.6664	.00055	-.00260	.01461	.0072	.27740	
#2	1.0976	1.6506	-.00017	-.00188	.01331	.0064	.27620	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4748.5	68302.	4840.0	99.102	4108.9			
Stddev	6.7	153.	17.3	.473	4.3			
%RSD	.14120	.22470	.35785	.47761	.10482			

#1	4743.7	68410.	4827.7	99.437	4105.9			
#2	4753.2	68193.	4852.2	98.768	4112.0			

Sample Name: I4540-19 Acquired: 8/2/2017 20:23:03 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: VNJ-221 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	-.00157	.04796	.00049	.00089	.08030	.21712	-.00013
Stddev	.00112	.00036	.00191	.00314	.00040	.00203	.00089	.00009
%RSD	99.978	22.908	3.9724	634.47	45.053	2.5221	.41098	69.739

#1	-.00191	-.00132	.04931	-.00172	.00117	.07887	.21649	-.00019
#2	-.00033	-.00183	.04662	.00271	.00061	.08173	.21775	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00385	37.961	.00033	.00156	.03895	.06594	.48803	5.1229
Stddev	.00010	.161	.00001	.00010	.00018	.01301	.00033	.0120
%RSD	2.6779	.42452	3.5554	6.1171	.47402	19.734	.06832	.23499

#1	.00378	37.847	.00032	.00149	.03881	.07515	.48827	5.1144
#2	.00392	38.075	.00033	.00163	.03908	.05674	.48780	5.1314

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01094	.00013	305.66	.00073	.23235	1.6512	.00012	.01766
Stddev	.00036	.00032	2.59	.00045	.00057	.0114	.00021	.00282
%RSD	3.2488	251.14	.84738	61.133	.24481	.69031	176.58	15.986

#1	.01119	-.00010	307.49	.00104	.23195	1.6431	.00026	.01566
#2	.01068	.00035	303.83	.00041	.23276	1.6593	-.00003	.01965

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.41560	1.2326	.00063	-.00122	.01143	.0071	.17050	
Stddev	.00111	.0050	.00007	.00124	.00281	.0003	.00007	
%RSD	.26686	.40358	10.853	101.58	24.569	4.789	.03875	

#1	.41638	1.2291	.00068	-.00210	.00945	.0068	.17046	
#2	.41481	1.2361	.00058	-.00034	.01342	.0073	.17055	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4791.3	68672.	4906.8	98.348	4134.9			
Stddev	.3	99.	9.8	.060	4.5			
%RSD	.00522	.14412	.20070	.06065	.10901			

#1	4791.5	68602.	4899.9	98.306	4131.7			
#2	4791.1	68742.	4913.8	98.390	4138.1			

Sample Name: I4540-23 Acquired: 8/2/2017 20:27:20 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: 348 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00119	-.00161	.06113	-.00820	-.00120	.05203	.20662	-.00009
Stddev	.00004	.00050	.00088	.00142	.00019	.00357	.00138	.00007
%RSD	3.3860	31.210	1.4426	17.329	15.515	6.8532	.66865	74.914

#1	-.00116	-.00196	.06175	-.00719	-.00107	.04951	.20564	-.00014
#2	-.00122	-.00125	.06050	-.00920	-.00133	.05455	.20760	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00318	111.13	.00201	.00152	.02467	.02249	.36808	3.4824
Stddev	.00003	.30	.00036	.00008	.00046	.00053	.00016	.0056
%RSD	1.0766	.27017	18.104	5.0201	1.8630	2.3775	.04448	.16096

#1	.00316	110.92	.00226	.00147	.02434	.02287	.36796	3.4785
#2	.00321	111.34	.00175	.00157	.02499	.02211	.36819	3.4864

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01156	.00027	328.55	.00074	.24642	2.1307	.00041	.01497
Stddev	.00020	.00013	.79	.00012	.00480	.0271	.00001	.00032
%RSD	1.7121	49.367	.24169	15.874	1.9490	1.2717	1.5341	2.1218

#1	.01170	.00018	329.12	.00065	.24981	2.1115	.00042	.01474
#2	.01142	.00036	327.99	.00082	.24302	2.1498	.00041	.01519

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	1.4742	2.2451	.00058	-.00095	.01234	.0149	.39968	
Stddev	.0012	.0106	.00005	.00021	.00053	.0006	.00045	
%RSD	.08420	.47137	7.7209	22.469	4.3289	4.011	.11347	

#1	1.4733	2.2376	.00055	-.00110	.01271	.0153	.39936	
#2	1.4751	2.2526	.00062	-.00080	.01196	.0144	.40001	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4752.0	68260.	4850.4	99.456	4114.9			
Stddev	1.3	219.	14.0	1.883	.6			
%RSD	.02742	.32037	.28807	1.8934	.01486			

#1	4751.0	68105.	4860.3	98.124	4114.5			
#2	4752.9	68415.	4840.5	100.79	4115.4			

Sample Name: I4541-03 Acquired: 8/2/2017 20:31:36 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: VNJ-220 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	-.00185	.20119	-.00072	-.00003	.06838	.20642	-.00013
Stddev	.00233	.00075	.00030	.00049	.00033	.00442	.00200	.00007
%RSD	230.67	40.498	.15026	68.390	971.03	6.4689	.97123	52.967

#1	.00265	-.00237	.20140	-.00037	.00020	.07150	.20500	-.00017
#2	-.00064	-.00132	.20097	-.00107	-.00026	.06525	.20784	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	57.925	.00039	.00101	.02161	.01529	.25452	4.2754
Stddev	.00002	.153	.00017	.00003	.00021	.00548	.00080	.0042
%RSD	.80086	.26374	42.729	2.8295	.94943	35.820	.31518	.09880

#1	.00193	57.817	.00051	.00099	.02146	.01916	.25395	4.2783
#2	.00190	58.033	.00028	.00103	.02175	.01142	.25509	4.2724

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01228	-.00007	338.17	.00070	.33240	1.5166	.00011	.00743
Stddev	.00004	.00059	1.36	.00003	.00486	.0014	.00004	.00037
%RSD	.30854	862.00	.40304	4.5069	1.4615	.09319	34.540	5.0105

#1	.01225	-.00049	339.13	.00068	.33583	1.5156	.00014	.00716
#2	.01231	.00035	337.21	.00073	.32896	1.5176	.00009	.00769

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	1.0442	1.2948	.00025	-.00133	.01102	.0285	.22080	
Stddev	.0002	.0075	.00056	.00009	.00056	.0006	.00004	
%RSD	.01684	.57821	226.85	6.8311	5.1127	2.048	.01718	

#1	1.0441	1.2895	-.00015	-.00140	.01142	.0281	.22077	
#2	1.0443	1.3001	.00064	-.00127	.01062	.0289	.22082	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4795.5	68745.	4903.6	101.89	4111.9			
Stddev	2.8	135.	15.6	1.72	.2			
%RSD	.05788	.19627	.31886	1.6900	.00397			

#1	4793.6	68840.	4914.7	100.67	4112.0			
#2	4797.5	68649.	4892.6	103.11	4111.7			

Sample Name: CCV07 Acquired: 8/2/2017 20:35:53 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8667	4.6291	4.8478	4.7572	4.7741	9.0755	9.6094	.23891	2.3726
Stddev	.0005	.0022	.0052	.0024	.0035	.0333	.0103	.00040	.0059
%RSD	.01030	.04864	.10745	.05001	.07401	.36700	.10680	.16935	.24787

#1	4.8671	4.6275	4.8441	4.7555	4.7766	9.0990	9.6021	.23920	2.3685
#2	4.8664	4.6307	4.8515	4.7589	4.7716	9.0519	9.6166	.23863	2.3768

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.346	.95898	2.3387	1.2030	4.7999	2.3782	25.020	2.3323	1.1877
Stddev	.021	.00029	.0041	.0025	.0242	.0053	.093	.0034	.0004
%RSD	.08814	.03030	.17445	.20804	.50402	.22223	.36996	.14571	.03528

#1	24.331	.95919	2.3359	1.2048	4.7828	2.3744	24.954	2.3299	1.1874
#2	24.361	.95878	2.3416	1.2012	4.8171	2.3819	25.085	2.3347	1.1880

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	23.224	2.3738	2.4617	23.890	4.8198	4.7382	4.6303	5.1293	4.7409
Stddev	.037	.0019	.0144	.039	.0032	.0154	.0098	.0258	.0039
%RSD	.15962	.08036	.58428	.16470	.06579	.32576	.21222	.50386	.08231

#1	23.250	2.3725	2.4515	23.918	4.8221	4.7272	4.6233	5.1110	4.7382
#2	23.198	2.3752	2.4719	23.862	4.8176	4.7491	4.6372	5.1476	4.7437

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8166	4.7629	4.815	4.8622
Stddev	.0023	.0075	.007	.0324
%RSD	.04785	.15640	.1369	.66639

#1	4.8183	4.7682	4.820	4.8851
#2	4.8150	4.7577	4.811	4.8393

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4800.9	67654.	4839.6	97.358	3998.6
Stddev	4.0	299.	6.9	.653	12.4
%RSD	.08306	.44226	.14320	.67110	.30892

#1	4803.7	67443.	4834.7	97.820	4007.3
#2	4798.0	67866.	4844.5	96.896	3989.9

Sample Name: CCB07 Acquired: 8/2/2017 20:39:58 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00198	.00112	-.00022	.00058	.00061	-.00324	.00197	.00002
Stddev	.00069	.00149	.00081	.00182	.00134	.00007	.00005	.00001
%RSD	34.961	133.35	366.03	312.00	220.45	2.2844	2.4334	33.199

#1	.00149	.00006	-.00079	.00187	-.00034	-.00329	.00194	.00002
#2	.00247	.00217	.00035	-.00070	.00155	-.00319	.00200	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.01792	-.00016	.00003	-.00024	.01719	.00077	-.02158
Stddev	.00006	.00660	.00016	.00004	.00004	.00990	.00004	.02305
%RSD	88.040	36.845	103.82	155.43	18.251	57.568	5.5739	106.79

#1	-.00012	-.01325	-.00004	.00000	-.00027	.02419	.00074	-.00529
#2	-.00003	-.02259	-.00027	.00005	-.00021	.01019	.00080	-.03788

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	.00020	.11504	-.00011	-.00019	.04234	.00281	.00355
Stddev	.00001	.00009	.00344	.00040	.00005	.01393	.00049	.00007
%RSD	4.4026	43.213	2.9897	355.19	24.756	32.895	17.546	1.8748

#1	.00028	.00014	.11747	-.00040	-.00016	.03249	.00316	.00351
#2	.00030	.00026	.11261	.00017	-.00023	.05219	.00246	.00360

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00204	-.00790	.00084	.00013	.00199	-.0002	-.00008	
Stddev	.00224	.00024	.00030	.00019	.00070	.0005	.00011	
%RSD	109.71	3.0012	35.356	144.64	35.059	294.8	136.29	

#1	.00363	-.00774	.00063	.00026	.00150	.0002	.00000	
#2	.00046	-.00807	.00105	.00000	.00248	-.0005	-.00016	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4864.9	66923.	4826.7	98.853	4153.9			
Stddev	11.8	95.	14.0	2.909	8.5			
%RSD	.24167	.14245	.28970	2.9431	.20397			

#1	4856.6	66856.	4836.6	100.91	4147.9			
#2	4873.2	66991.	4816.8	96.795	4159.9			

Sample Name: I4541-07 Acquired: 8/2/2017 20:44:13 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: 72-11936 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00105	-.00314	.07612	-.00186	.00032	.06592	.15381	-.00012
Stddev	.00071	.00087	.00041	.00044	.00000	.00225	.00029	.00002
%RSD	67.759	27.587	.53222	23.423	.93357	3.4110	.18950	15.641

#1	-.00054	-.00252	.07583	-.00155	.00032	.06433	.15360	-.00011
#2	-.00155	-.00375	.07641	-.00217	.00032	.06751	.15401	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00247	72.868	.00109	.00041	.02416	.04715	.18105	4.1916
Stddev	.00004	.081	.00022	.00021	.00048	.00402	.00023	.0249
%RSD	1.6699	.11143	20.637	51.560	1.9819	8.5339	.12681	.59395

#1	.00250	72.811	.00124	.00056	.02382	.04999	.18121	4.1740
#2	.00244	72.926	.00093	.00026	.02450	.04430	.18089	4.2092

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01731	-.00053	336.45	.00035	.46097	1.5918	.00071	.01617
Stddev	.00028	.00029	.32	.00053	.00524	.0319	.00034	.00583
%RSD	1.5949	53.803	.09456	150.09	1.1375	2.0046	47.567	36.051

#1	.01751	-.00073	336.23	.00072	.46467	1.5692	.00095	.02029
#2	.01712	-.00033	336.68	-.00002	.45726	1.6143	.00047	.01205

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	4.0082	1.4991	.00060	-.00082	.00817	.0184	.29530	
Stddev	.0008	.0086	.00038	.00322	.00298	.0002	.00074	
%RSD	.01930	.57420	63.859	392.56	36.415	.9280	.24941	

#1	4.0076	1.4931	.00033	-.00309	.00607	.0183	.29478	
#2	4.0087	1.5052	.00087	.00146	.01028	.0185	.29582	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4738.7	68779.	4903.9	100.06	4120.1			
Stddev	.0	249.	11.2	1.21	2.1			
%RSD	.00105	.36184	.22849	1.2127	.05144			

#1	4738.6	68603.	4911.8	99.204	4121.6			
#2	4738.7	68955.	4895.9	100.92	4118.6			

Sample Name: I4541-11 Acquired: 8/2/2017 20:48:30 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: VNJ-229 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	-.00213	.24161	-.00254	.00109	.04307	.17048	-.00011
Stddev	.00214	.00076	.00137	.00088	.00068	.01654	.00047	.00005
%RSD	412.49	35.897	.56509	34.563	62.154	38.411	.27554	40.750

#1	-.00203	-.00266	.24064	-.00192	.00157	.03137	.17014	-.00008
#2	.00099	-.00159	.24257	-.00315	.00061	.05477	.17081	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00181	60.677	.00137	.00051	.03065	.01341	.15819	2.3985
Stddev	.00000	.103	.00025	.00006	.00046	.00063	.00020	.0030
%RSD	.04384	.16987	18.599	12.056	1.4852	4.7161	.12545	.12372

#1	.00181	60.750	.00119	.00047	.03033	.01386	.15805	2.3964
#2	.00181	60.604	.00155	.00056	.03097	.01297	.15833	2.4006

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00960	-.00024	305.54	.00022	.39882	1.5004	.00026	.01436
Stddev	.00017	.00027	2.08	.00026	.00714	.0046	.00003	.00252
%RSD	1.8062	109.70	.68130	120.21	1.7903	.30762	12.670	17.572

#1	.00973	-.00005	307.01	.00003	.39377	1.5037	.00023	.01614
#2	.00948	-.00043	304.07	.00041	.40387	1.4972	.00028	.01258

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	1.6695	1.1263	.00091	-.00167	.01043	.0277	.26403	
Stddev	.0002	.0110	.00123	.00041	.00079	.0002	.00164	
%RSD	.01058	.97339	134.60	24.732	7.5750	.7140	.62052	

#1	1.6694	1.1341	.00178	-.00137	.00987	.0278	.26519	
#2	1.6696	1.1185	.00004	-.00196	.01099	.0275	.26287	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4808.2	69081.	4878.4	100.21	4187.6			
Stddev	15.0	153.	38.5	1.49	6.0			
%RSD	.31204	.22112	.78974	1.4903	.14387			

#1	4797.6	69189.	4851.1	101.26	4183.3			
#2	4818.8	68973.	4905.6	99.149	4191.9			

Sample Name: I4541-15 Acquired: 8/2/2017 20:52:46 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: 72-11944 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00155	-.00166	.03730	-.00126	-.00025	.05408	.21234	-.00013
Stddev	.00141	.00086	.00058	.00095	.00121	.00208	.00003	.00006
%RSD	90.777	51.946	1.5440	75.606	482.56	3.8545	.01199	48.603

#1	.00056	-.00227	.03771	-.00193	.00060	.05261	.21236	-.00017
#2	.00255	-.00105	.03689	-.00058	-.00110	.05555	.21232	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	46.704	.00084	-.00033	.02176	.01924	.13811	2.3710
Stddev	.00003	.096	.00016	.00015	.00053	.00455	.00027	.0023
%RSD	2.0257	.20593	18.675	44.245	2.4401	23.636	.19394	.09703

#1	.00131	46.636	.00073	-.00043	.02214	.01603	.13830	2.3726
#2	.00135	46.772	.00096	-.00023	.02139	.02246	.13792	2.3694

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00533	-.00062	324.28	.00055	.25397	1.5402	.00040	.00873
Stddev	.00033	.00002	1.15	.00022	.00219	.0366	.00012	.00040
%RSD	6.1151	3.6075	.35521	39.884	.86055	2.3778	29.405	4.6082

#1	.00556	-.00063	325.09	.00040	.25552	1.5661	.00048	.00845
#2	.00510	-.00060	323.46	.00071	.25243	1.5143	.00032	.00902

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.67901	.96131	.00091	-.00062	.01027	.0481	.20237	
Stddev	.00572	.00097	.00047	.00101	.00087	.0017	.00052	
%RSD	.84313	.10104	51.594	163.27	8.4955	3.471	.25894	

#1	.68306	.96063	.00124	.00010	.00965	.0492	.20274	
#2	.67496	.96200	.00058	-.00134	.01089	.0469	.20200	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4808.3	69077.	4908.8	99.341	4133.2			
Stddev	12.8	262.	10.7	1.132	1.7			
%RSD	.26685	.37885	.21877	1.1396	.04065			

#1	4799.3	68892.	4916.4	98.541	4132.0			
#2	4817.4	69262.	4901.2	100.14	4134.4			

Sample Name: I4543-03 Acquired: 8/2/2017 20:57:04 Type: Unk
 Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: HR-05-073117 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	-.00136	.01145	-.00080	.00085	.06166	.11475	-.00008
Stddev	.00133	.00086	.00011	.00183	.00090	.00847	.00000	.00002
%RSD	215.14	62.789	.95122	228.51	106.44	13.737	.00236	19.102

#1	.00032	-.00076	.01137	.00049	.00149	.05567	.11475	-.00009
#2	-.00156	-.00197	.01153	-.00209	.00021	.06765	.11474	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	29.979	.00028	.00217	.01125	.03511	.41072	6.6259
Stddev	.00001	.017	.00014	.00000	.00034	.00392	.00008	.0453
%RSD	7.9360	.05804	49.205	.19064	3.0418	11.180	.02013	.68311

#1	.00016	29.966	.00038	.00217	.01149	.03233	.41078	6.6579
#2	.00018	29.991	.00019	.00218	.01101	.03788	.41066	6.5939

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00287	-.00002	330.85	.00050	.02876	.80646	-.00015	.01013
Stddev	.00043	.00027	.51	.00004	.00008	.00782	.00003	.00135
%RSD	14.889	1721.2	.15314	7.5750	.26716	.96986	22.867	13.282

#1	.00318	.00017	331.21	.00048	.02881	.80093	-.00012	.00918
#2	.00257	-.00020	330.49	.00053	.02870	.81199	-.00017	.01108

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.25092	.71049	.00060	-.00124	.00748	.0074	.07531	
Stddev	.00045	.00443	.00105	.00157	.00278	.0002	.00004	
%RSD	.17882	.62391	174.76	126.73	37.153	2.221	.05613	

#1	.25123	.70735	-.00014	-.00013	.00944	.0073	.07528	
#2	.25060	.71362	.00134	-.00235	.00551	.0075	.07534	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4805.7	69691.	4953.5	101.95	4136.1			
Stddev	7.8	168.	11.1	.38	14.3			
%RSD	.16196	.24060	.22313	.37575	.34473			

#1	4811.2	69572.	4945.7	101.68	4146.2			
#2	4800.2	69809.	4961.3	102.22	4126.0			

Sample Name: I4543-06 Acquired: 8/2/2017 21:01:22 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: HR-05-073117 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	-.00218	.01099	.00031	.00013	.06383	.10221	-.00010
Stddev	.00083	.00078	.00096	.00150	.00014	.01818	.00060	.00001
%RSD	116.41	35.805	8.7058	490.17	106.12	28.485	.58427	8.4269

#1	-.00013	-.00274	.01031	-.00075	.00003	.07669	.10179	-.00010
#2	-.00131	-.00163	.01167	.00136	.00023	.05097	.10263	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	35.470	.00031	.00177	.00429	.06842	.37402	6.7465
Stddev	.00008	.209	.00052	.00013	.00015	.00341	.00142	.0353
%RSD	109.80	.58934	165.79	7.1467	3.5161	4.9861	.37871	.52340

#1	.00013	35.323	-.00005	.00168	.00418	.07083	.37302	6.7215
#2	.00002	35.618	.00068	.00186	.00439	.06600	.37502	6.7715

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00291	-.00036	312.95	-.00021	.02741	.90040	.00012	.00717
Stddev	.00000	.00012	2.56	.00034	.00059	.03103	.00026	.00704
%RSD	.09815	32.069	.81789	158.61	2.1519	3.4460	222.85	98.216

#1	.00291	-.00044	311.14	-.00045	.02782	.87846	-.00007	.01214
#2	.00290	-.00028	314.76	.00003	.02699	.92234	.00030	.00219

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.29865	.96741	.00054	-.00130	.00756	.0062	.09248	
Stddev	.00119	.00562	.00030	.00109	.00383	.0000	.00021	
%RSD	.39740	.58087	56.394	83.863	50.615	.6010	.23095	

#1	.29781	.96343	.00032	-.00053	.00485	.0062	.09232	
#2	.29949	.97138	.00076	-.00207	.01026	.0061	.09263	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4814.8	69517.	4954.7	101.77	4159.4			
Stddev	10.8	82.	10.5	1.74	7.4			
%RSD	.22412	.11775	.21133	1.7073	.17684			

#1	4807.2	69459.	4962.1	100.54	4154.2			
#2	4822.5	69575.	4947.3	103.00	4164.6			

Sample Name: I4543-09 Acquired: 8/2/2017 21:05:39 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: HR-05-073117 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	-.00061	.03371	.00213	.00020	.07128	.09298	-.00009
Stddev	.00014	.00053	.00022	.00228	.00030	.01364	.00044	.00005
%RSD	15.350	87.356	.63875	107.34	149.96	19.128	.46796	54.098

#1	-.00098	-.00023	.03356	.00051	-.00001	.08093	.09267	-.00012
#2	-.00079	-.00099	.03386	.00374	.00042	.06164	.09329	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	13.516	.00013	.00117	.00526	.01724	.22014	3.3548
Stddev	.00002	.043	.00002	.00006	.00013	.00246	.00048	.0148
%RSD	25.195	.32008	17.740	5.3053	2.3800	14.293	.21629	.43984

#1	.00009	13.546	.00012	.00122	.00517	.01550	.21980	3.3653
#2	.00006	13.485	.00015	.00113	.00535	.01898	.22048	3.3444

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00212	-.00035	291.32	.00050	.02824	.81209	-.00019	.00091
Stddev	.00064	.00044	1.45	.00028	.00038	.00998	.00008	.00555
%RSD	29.993	126.55	.49862	56.374	1.3330	1.2285	39.241	609.77

#1	.00257	-.00004	292.35	.00030	.02850	.80504	-.00024	-.00302
#2	.00167	-.00066	290.30	.00070	.02797	.81914	-.00014	.00484

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.16974	.40530	.00035	-.00038	.00373	.0072	.03326	
Stddev	.00003	.00733	.00018	.00069	.00149	.0005	.00023	
%RSD	.01700	1.8096	50.588	180.70	39.969	6.574	.67943	

#1	.16972	.41049	.00023	-.00087	.00268	.0069	.03310	
#2	.16976	.40011	.00048	.00011	.00479	.0076	.03342	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4837.3	69556.	4964.9	101.67	4183.0			
Stddev	23.5	232.	2.6	1.85	4.0			
%RSD	.48485	.33424	.05281	1.8209	.09569			

#1	4820.7	69720.	4963.0	100.36	4180.1			
#2	4853.9	69391.	4966.7	102.98	4185.8			

Sample Name: I4543-09DUP Acquired: 8/2/2017 21:09:56 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: HR-05-073117 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00087	-.00087	.03407	.00268	.00040	.05965	.09193	-.00003
Stddev	.00100	.00063	.00041	.00066	.00150	.00201	.00022	.00003
%RSD	114.60	72.218	1.1928	24.580	376.00	3.3775	.23882	100.25
#1	-.00016	-.00043	.03435	.00314	-.00066	.06108	.09177	-.00001
#2	-.00157	-.00131	.03378	.00221	.00146	.05823	.09208	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	13.449	.00018	.00126	.00510	.02057	.21945	3.2970
Stddev	.00007	.072	.00005	.00003	.00010	.00289	.00027	.0065
%RSD	94.080	.53409	31.076	2.2211	2.0531	14.059	.12250	.19814
#1	.00002	13.398	.00014	.00124	.00502	.01853	.21926	3.2924
#2	.00012	13.499	.00021	.00128	.00517	.02262	.21964	3.3016
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00206	-.00007	288.64	.00006	.02842	.80504	-.00014	.01085
Stddev	.00006	.00007	.52	.00016	.00058	.04920	.00015	.00023
%RSD	3.1297	99.185	.18109	278.08	2.0510	6.1115	103.12	2.1265
#1	.00210	-.00012	288.27	-.00005	.02801	.77025	-.00004	.01101
#2	.00201	-.00002	289.01	.00017	.02883	.83983	-.00024	.01068
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.17061	.40530	.00001	-.00129	.00437	.0082	.03302	
Stddev	.00019	.00402	.00040	.00082	.00081	.0007	.00005	
%RSD	.10952	.99143	3676.4	63.964	18.632	8.282	.15881	
#1	.17048	.40246	.00029	-.00187	.00494	.0087	.03298	
#2	.17074	.40815	-.00027	-.00071	.00379	.0077	.03306	
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4868.2	69612.	4938.8	100.91	4222.8			
Stddev	27.5	72.	29.4	1.75	12.8			
%RSD	.56444	.10299	.59465	1.7317	.30351			
#1	4848.8	69561.	4959.6	102.14	4213.8			
#2	4887.6	69663.	4918.0	99.672	4231.9			

Sample Name: I4543-09LX5 Acquired: 8/2/2017 21:14:14 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: HR-05-073117 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	.00084	.00683	-.00031	.00124	.01503	.01960	-.00003
Stddev	.00117	.00088	.00082	.00079	.00221	.00039	.00107	.00002
%RSD	301.89	105.91	12.024	258.25	178.77	2.5961	5.4406	55.747

#1	-.00044	.00021	.00741	-.00087	-.00033	.01530	.01885	-.00002
#2	.00122	.00146	.00625	.00025	.00280	.01475	.02036	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	2.7324	.00009	.00012	.00085	-.00334	.04551	.67885
Stddev	.00000	.0013	.00012	.00012	.00012	.00720	.00008	.03339
%RSD	6.6871	.04582	134.78	95.241	13.787	215.39	.17994	4.9189

#1	.00003	2.7315	.00017	.00021	.00094	.00175	.04557	.65524
#2	.00003	2.7333	.00000	.00004	.00077	-.00843	.04545	.70246

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	-.00048	59.977	.00012	.00561	.23427	.00006	.00986
Stddev	.00010	.00012	.047	.00004	.00015	.00208	.00007	.00099
%RSD	23.881	25.564	.07865	31.519	2.6408	.88639	118.57	10.018

#1	.00049	-.00056	60.010	.00014	.00550	.23281	.00001	.01056
#2	.00035	-.00039	59.943	.00009	.00571	.23574	.00011	.00916

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.03572	.07443	-.00078	.00041	.00332	.0028	.00669	
Stddev	.00019	.00207	.00006	.00047	.00043	.0004	.00001	
%RSD	.52134	2.7765	8.0584	114.00	12.896	13.63	.21612	

#1	.03585	.07297	-.00073	.00008	.00362	.0026	.00668	
#2	.03559	.07589	-.00082	.00074	.00302	.0031	.00670	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4835.7	67862.	4855.6	100.91	4259.0			
Stddev	18.2	204.	29.6	.88	11.1			
%RSD	.37615	.30070	.60893	.87196	.25982			

#1	4822.8	67718.	4876.5	101.53	4251.2			
#2	4848.6	68006.	4834.7	100.29	4266.8			

Sample Name: I4543-09MS Acquired: 8/2/2017 21:18:29 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: HR-05-073117 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	.83719	1.8807	1.0473	1.8317	.79744	2.0477	.32040	.19782	.20070
Stddev	.00036	.0060	.0015	.0011	.00114	.0029	.00215	.00074	.00041
%RSD	.04265	.31848	.14453	.06002	.14293	.13896	.67168	.37178	.20373

#1	.83694	1.8765	1.0462	1.8309	.79825	2.0457	.32192	.19834	.20041
#2	.83744	1.8849	1.0484	1.8324	.79664	2.0497	.31888	.19730	.20099

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.380	.41675	.20439	.31492	3.1730	.44949	6.0142	.50212	.07673
Stddev	.052	.00156	.00022	.00082	.0240	.00005	.0227	.00118	.00069
%RSD	.31593	.37328	.10680	.26076	.75648	.01210	.37693	.23497	.90150

#1	16.416	.41786	.20423	.31550	3.1561	.44945	6.0302	.50128	.07721
#2	16.343	.41565	.20454	.31434	3.1900	.44953	5.9981	.50295	.07624

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	323.42	.31520	.24322	11.545	.43788	.32012	.18535	1.4666	.71859
Stddev	.99	.00016	.00075	.002	.00040	.00578	.00154	.0097	.00146
%RSD	.30723	.05030	.30724	.01889	.09039	1.8071	.82956	.66140	.20306

#1	324.13	.31508	.24269	11.547	.43760	.31602	.18644	1.4735	.71756
#2	322.72	.31531	.24375	11.544	.43816	.32421	.18426	1.4597	.71962

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.21627	.21038	5.523	.23658
Stddev	.00264	.00031	.010	.00054
%RSD	1.2223	.14714	.1867	.22947

#1	.21441	.21016	5.516	.23696
#2	.21814	.21060	5.530	.23620

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4800.3	68930.	4866.6	100.86	4144.2
Stddev	14.0	287.	23.1	.09	2.6
%RSD	.29078	.41705	.47366	.09066	.06372

#1	4790.4	68726.	4850.3	100.92	4142.3
#2	4810.2	69133.	4882.9	100.79	4146.1

Sample Name: I4543-09MSD Acquired: 8/2/2017 21:22:34 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: HR-05-073117 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	.83770	1.8645	1.0450	1.8269	.79383	2.0119	.31855	.19801	.19942
Stddev	.00313	.0066	.0022	.0002	.00261	.0167	.00060	.00020	.00052
%RSD	.37374	.35667	.21288	.01055	.32846	.82961	.18710	.10167	.26056

#1	.83991	1.8692	1.0465	1.8271	.79199	2.0001	.31813	.19787	.19979
#2	.83548	1.8598	1.0434	1.8268	.79567	2.0237	.31897	.19815	.19906

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.320	.41673	.20298	.31453	3.1961	.44794	6.0559	.49770	.07757
Stddev	.074	.00061	.00022	.00180	.0220	.00016	.0046	.00170	.00030
%RSD	.45466	.14575	.10929	.57292	.68971	.03524	.07575	.34063	.38193

#1	16.268	.41630	.20314	.31581	3.2117	.44805	6.0526	.49890	.07778
#2	16.373	.41716	.20282	.31326	3.1805	.44783	6.0591	.49650	.07736

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	321.23	.31540	.24373	11.536	.43439	.31487	.18323	1.4741	.71291
Stddev	.21	.00059	.00119	.044	.00191	.00164	.00032	.0049	.00659
%RSD	.06611	.18746	.48928	.38385	.43964	.52174	.17231	.33087	.92415

#1	321.08	.31581	.24458	11.567	.43574	.31603	.18301	1.4707	.71757
#2	321.38	.31498	.24289	11.504	.43303	.31371	.18346	1.4776	.70826

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.21694	.20996	5.483	.23627
Stddev	.00133	.00042	.019	.00018
%RSD	.61129	.20144	.3510	.07497

#1	.21788	.21026	5.497	.23640
#2	.21601	.20966	5.469	.23615

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4814.1	69169.	4852.6	100.27	4167.8
Stddev	13.6	9.	19.0	.42	9.3
%RSD	.28209	.01350	.39251	.42340	.22317

#1	4804.5	69176.	4866.0	99.966	4161.3
#2	4823.7	69163.	4839.1	100.57	4174.4

Sample Name: CCV08 Acquired: 8/2/2017 21:26:38 Type: Unk
Method: P4-ICP2(v2122) 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	4.8831	4.5764	4.8458	4.7393	4.7925	9.1749	9.5580	.23769	2.3570
Stddev	.0136	.0125	.0007	.0073	.0063	.0109	.0370	.00095	.0021
%RSD	.27856	.27252	.01452	.15402	.13072	.11897	.38755	.40165	.09007

#1	4.8927	4.5852	4.8462	4.7445	4.7969	9.1672	9.5318	.23702	2.3585
#2	4.8734	4.5676	4.8453	4.7341	4.7881	9.1826	9.5842	.23837	2.3555

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.353	.94737	2.3225	1.2012	4.8833	2.3683	25.294	2.3077	1.1867
Stddev	.085	.00260	.0037	.0062	.0986	.0061	.101	.0025	.0036
%RSD	.34875	.27436	.15813	.51261	2.0184	.25897	.40004	.10844	.29938

#1	24.413	.94554	2.3250	1.2056	4.8136	2.3640	25.222	2.3095	1.1842
#2	24.293	.94921	2.3199	1.1969	4.9530	2.3726	25.365	2.3059	1.1892

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	23.169	2.3596	2.4494	23.900	4.8376	4.7419	4.5854	5.0632	4.6986
Stddev	.029	.0084	.0399	.054	.0097	.0122	.0060	.0199	.0088
%RSD	.12574	.35600	1.6310	.22751	.20021	.25757	.13087	.39300	.18660

#1	23.190	2.3537	2.4212	23.938	4.8444	4.7333	4.5897	5.0492	4.7048
#2	23.149	2.3656	2.4777	23.861	4.8307	4.7506	4.5812	5.0773	4.6924

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8246	4.7638	4.764	4.8355
Stddev	.0064	.0148	.002	.0202
%RSD	.13346	.31036	.0380	.41711

#1	4.8201	4.7742	4.766	4.8212
#2	4.8292	4.7533	4.763	4.8497

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4809.8	68083.	4905.2	98.214	4049.6
Stddev	16.0	7.	3.6	1.482	9.2
%RSD	.33332	.01080	.07350	1.5084	.22625

#1	4798.5	68089.	4902.6	99.261	4043.1
#2	4821.2	68078.	4907.7	97.166	4056.1

Sample Name: CCB08 Acquired: 8/2/2017 21:30:43 Type: Unk

Method: P4-ICP2(v2122) 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	.00109	.00091	-.00113	.00105	.00071	.00309	.00223	-.00001
Stddev	.00061	.00198	.00081	.00072	.00024	.00706	.00011	.00001
%RSD	55.844	216.56	71.686	68.840	33.080	228.85	4.8800	65.806

#1	.00151	-.00049	-.00056	.00156	.00054	-.00191	.00216	-.00001
#2	.00066	.00231	-.00170	.00054	.00088	.00808	.00231	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.01995	.00013	-.00014	.00004	.00096	.00054	-.01277
Stddev	.00000	.00743	.00032	.00003	.00006	.00923	.00002	.00439
%RSD	2.8069	37.260	241.66	20.127	150.24	966.78	3.8602	34.391

#1	-.00005	-.02521	.00035	-.00016	.00008	-.00557	.00055	-.01588
#2	-.00005	-.01470	-.00009	-.00012	.00000	.00748	.00052	-.00967

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00002	.12910	-.00026	-.00020	.03145	.00291	-.00063
Stddev	.00008	.00035	.00421	.00008	.00001	.00530	.00062	.00186
%RSD	70.224	2082.1	3.2638	31.590	4.4519	16.865	21.180	296.49

#1	-.00017	.00026	.12612	-.00031	-.00019	.02770	.00335	.00069
#2	-.00006	-.00023	.13208	-.00020	-.00020	.03520	.00248	-.00194

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00078	-.00884	.00051	-.00131	.00243	.0003	.00006	
Stddev	.00126	.00074	.00067	.00031	.00027	.0009	.00005	
%RSD	162.05	8.4004	131.04	23.819	10.955	299.2	91.954	

#1	-.00011	-.00936	.00099	-.00153	.00261	.0009	.00002	
#2	.00167	-.00831	.00004	-.00109	.00224	-.0003	.00009	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4875.3	68048.	4859.9	100.59	4201.1			
Stddev	18.3	56.	26.3	.58	18.3			
%RSD	.37625	.08203	.54053	.57836	.43574			

#1	4862.3	68008.	4841.3	100.18	4188.1			
#2	4888.3	68087.	4878.5	101.00	4214.0			

Sample Name: I4543-09A Acquired: 8/2/2017 21:34:57 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: HR-05-073117 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	.82511	1.8363	1.0223	1.8461	.77335	2.0068	.30462	.19635	.19590
Stddev	.00538	.0043	.0012	.0040	.00136	.0006	.00033	.00129	.00028
%RSD	.65158	.23435	.12081	.21593	.17530	.02904	.10842	.65924	.14501

#1	.82892	1.8394	1.0215	1.8490	.77431	2.0073	.30439	.19543	.19610
#2	.82131	1.8333	1.0232	1.8433	.77239	2.0064	.30486	.19726	.19570

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.709	.40434	.19906	.30853	3.1146	.42084	5.5907	.48810	.07529
Stddev	.028	.00068	.00049	.00046	.0228	.00143	.0058	.00046	.00019
%RSD	.19057	.16910	.24808	.15055	.73075	.34040	.10377	.09366	.24754

#1	14.729	.40482	.19871	.30886	3.0986	.41983	5.5866	.48842	.07515
#2	14.689	.40385	.19941	.30820	3.1307	.42186	5.5948	.48778	.07542

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	297.16	.30746	.23838	11.251	.42393	.30971	.16763	1.4193	.69375
Stddev	.04	.00007	.00103	.001	.00081	.00237	.00023	.0055	.00040
%RSD	.01422	.02187	.43047	.01064	.19005	.76414	.13623	.38630	.05773

#1	297.13	.30741	.23765	11.250	.42450	.31139	.16780	1.4154	.69404
#2	297.19	.30750	.23911	11.252	.42336	.30804	.16747	1.4232	.69347

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.20873	.19954	5.397	.22735
Stddev	.00022	.00128	.010	.00018
%RSD	.10380	.64199	.1796	.07947

#1	.20858	.19864	5.404	.22722
#2	.20888	.20045	5.390	.22747

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4817.2	68995.	4877.0	99.948	4192.0
Stddev	7.5	48.	2.7	.548	1.7
%RSD	.15553	.06983	.05476	.54838	.04165

#1	4811.9	68961.	4875.1	100.34	4190.8
#2	4822.5	69030.	4878.9	99.560	4193.2

Sample Name: I4542-03 Acquired: 8/2/2017 21:39:02 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: A4129 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	-.00040	.02193	.00103	.00070	.09397	.18223	.00008
Stddev	.00003	.00029	.00024	.00030	.00067	.00050	.00033	.00001
%RSD	1.7306	73.205	1.0984	28.888	95.720	.53458	.17888	16.286

#1	.00188	-.00060	.02210	.00082	.00023	.09432	.18200	.00007
#2	.00184	-.00019	.02176	.00124	.00117	.09361	.18246	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	45.147	.00310	.00213	.00261	2.5688	.73467	2.2262
Stddev	.00002	.040	.00017	.00010	.00014	.0118	.00230	.0067
%RSD	24.972	.08887	5.4420	4.5698	5.3783	.45891	.31303	.29937

#1	-.00009	45.119	.00298	.00220	.00251	2.5605	.73304	2.2215
#2	-.00006	45.175	.00322	.00207	.00271	2.5771	.73629	2.2309

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00874	.00007	310.09	.00038	.04443	6.9817	.00708	.04792
Stddev	.00013	.00013	1.61	.00019	.00046	.0048	.00002	.00445
%RSD	1.5277	185.05	.52072	49.663	1.0383	.06840	.30398	9.2848

#1	.00884	-.00002	311.23	.00051	.04411	6.9784	.00709	.04477
#2	.00865	.00017	308.95	.00025	.04476	6.9851	.00706	.05106

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	1.4268	1.5237	.00086	-.00010	.01266	.0128	.14291	
Stddev	.0014	.0138	.00065	.00019	.00115	.0011	.00043	
%RSD	.10014	.90729	75.481	179.37	9.0844	8.696	.30206	

#1	1.4278	1.5334	.00131	-.00024	.01185	.0120	.14261	
#2	1.4258	1.5139	.00040	.00003	.01348	.0136	.14322	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4795.8	69142.	4879.4	102.16	4166.8			
Stddev	2.2	258.	19.7	.86	4.7			
%RSD	.04687	.37269	.40355	.84467	.11300			

#1	4797.4	69324.	4865.5	102.77	4163.4			
#2	4794.2	68960.	4893.4	101.55	4170.1			

Sample Name: I4558-05 Acquired: 8/2/2017 21:43:19 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: B-6(0-10)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	-.00097	-.00230	.01825	.00171	.00069	.03371	.37295	-.00016
Stddev	.00055	.00035	.00077	.00035	.00224	.00581	.00107	.00003
%RSD	56.018	15.305	4.1983	20.500	323.04	17.239	.28646	17.119

#1	-.00059	-.00205	.01771	.00196	.00227	.02960	.37371	-.00014
#2	-.00136	-.00255	.01879	.00146	-.00089	.03782	.37219	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	14.399	.00163	.00629	.00894	.01360	.43622	1.8468
Stddev	.00009	.033	.00009	.00022	.00012	.00826	.00081	.0102
%RSD	19.458	.22606	5.3791	3.5400	1.3465	60.763	.18674	.55185

#1	.00040	14.376	.00157	.00645	.00902	.00776	.43564	1.8396
#2	.00053	14.422	.00169	.00613	.00885	.01944	.43679	1.8540

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01044	-.00015	324.64	.00049	.15922	1.0832	.00004	.04867
Stddev	.00003	.00000	.56	.00007	.00190	.0032	.00008	.00662
%RSD	.25570	.17600	.17362	14.300	1.1914	.29413	212.56	13.604

#1	.01045	-.00015	325.04	.00054	.15788	1.0809	.00010	.05336
#2	.01042	-.00015	324.25	.00044	.16056	1.0854	-.00002	.04399

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.20896	.56685	-.00001	.00007	.00668	.0052	.04658	
Stddev	.00186	.01152	.00008	.00021	.00252	.0011	.00001	
%RSD	.89102	2.0316	816.49	291.36	37.681	21.38	.02065	

#1	.20764	.57499	-.00007	-.00008	.00490	.0060	.04657	
#2	.21027	.55871	.00005	.00022	.00846	.0044	.04659	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4887.9	70292.	4957.2	102.55	4231.2			
Stddev	16.7	425.	7.1	.67	9.6			
%RSD	.34260	.60526	.14296	.65686	.22590			

#1	4876.1	70593.	4952.2	103.03	4224.5			
#2	4899.8	69991.	4962.2	102.07	4238.0			

Sample Name: I4558-06 Acquired: 8/2/2017 21:47:37 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: B-5(0-10)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	-.00176	-.00150	.00730	-.00274	-.00069	.01736	.32996	-.00018
Stddev	.00058	.00039	.00038	.00021	.00032	.00306	.00145	.00003
%RSD	32.741	25.732	5.1452	7.7747	46.634	17.634	.43811	17.646

#1	-.00217	-.00177	.00703	-.00289	-.00091	.01953	.33098	-.00015
#2	-.00135	-.00123	.00756	-.00259	-.00046	.01520	.32894	-.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	59.160	.00054	.00199	.00232	.00463	.35923	4.3572
Stddev	.00003	.029	.00033	.00019	.00053	.01087	.00091	.0000
%RSD	10.208	.04922	61.537	9.7256	22.722	234.84	.25309	.00005

#1	.00032	59.180	.00077	.00213	.00269	-.00306	.35858	4.3572
#2	.00027	59.139	.00030	.00186	.00195	.01232	.35987	4.3572

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00452	-.00033	304.10	.00040	.12279	1.4340	.00003	.04436
Stddev	.00019	.00004	.34	.00028	.00174	.0284	.00006	.01093
%RSD	4.2608	13.022	.11135	69.438	1.4202	1.9801	174.17	24.648

#1	.00465	-.00030	303.86	.00020	.12156	1.4540	.00008	.05210
#2	.00438	-.00036	304.34	.00060	.12402	1.4139	-.00001	.03663

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.22815	.64637	.00059	-.00060	.00800	.0210	.21069	
Stddev	.00079	.00224	.00031	.00074	.00088	.0000	.00082	
%RSD	.34581	.34590	52.456	122.24	11.029	.1849	.38771	

#1	.22759	.64479	.00037	-.00113	.00863	.0210	.21126	
#2	.22871	.64795	.00081	-.00008	.00738	.0209	.21011	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4806.3	70000.	4924.6	100.12	4179.9			
Stddev	4.7	38.	4.4	1.29	3.5			
%RSD	.09785	.05424	.08906	1.2934	.08276			

#1	4809.6	69973.	4921.5	101.03	4182.4			
#2	4803.0	70027.	4927.7	99.200	4177.5			

Sample Name: I4560-05 Acquired: 8/2/2017 21:51:56 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: N-STOCKPILE- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00307	-.00188	.00466	-.00525	-.00099	.04611	.11050	-.00016
Stddev	.00193	.00011	.00028	.00058	.00096	.00163	.00006	.00003
%RSD	62.922	6.1094	5.9926	11.110	96.940	3.5409	.05092	16.089

#1	-.00170	-.00179	.00486	-.00566	-.00167	.04495	.11046	-.00014
#2	-.00444	-.00196	.00447	-.00484	-.00031	.04726	.11054	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	80.197	.00077	.00117	.01012	.01098	.27555	5.8513
Stddev	.00003	.008	.00005	.00013	.00038	.00386	.00016	.0075
%RSD	7.3630	.00986	5.8551	11.043	3.7769	35.127	.05688	.12844

#1	.00035	80.192	.00074	.00126	.01039	.00825	.27566	5.8460
#2	.00038	80.203	.00080	.00108	.00985	.01371	.27544	5.8566

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00646	-.00055	286.25	.00069	.06803	1.7664	.00027	.01608
Stddev	.00006	.00014	.65	.00045	.00150	.0095	.00025	.00110
%RSD	.93040	25.140	.22572	65.013	2.2031	.53707	93.579	6.8585

#1	.00642	-.00045	286.71	.00100	.06909	1.7731	.00045	.01530
#2	.00650	-.00065	285.79	.00037	.06697	1.7597	.00009	.01686

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	1.0992	3.4658	-.00027	-.00162	.01214	.0072	.21203	
Stddev	.0050	.0015	.00024	.00072	.00072	.0002	.00044	
%RSD	.45305	.04402	88.565	44.379	5.9442	2.794	.20551	

#1	1.1027	3.4669	-.00010	-.00111	.01163	.0071	.21234	
#2	1.0957	3.4647	-.00044	-.00213	.01265	.0074	.21173	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4815.4	69714.	4908.0	101.48	4252.2			
Stddev	6.3	22.	13.4	1.70	6.2			
%RSD	.13077	.03088	.27391	1.6763	.14471			

#1	4811.0	69699.	4917.5	100.28	4247.9			
#2	4819.9	69729.	4898.5	102.68	4256.6			

Sample Name: I4560-06 Acquired: 8/2/2017 21:56:14 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: S-STOCKPILE- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00124	-.00258	.00707	-.00731	-.00009	.03260	.12433	-.00016
Stddev	.00188	.00070	.00008	.00140	.00105	.00309	.00424	.00002
%RSD	152.29	26.951	1.1272	19.147	1217.1	9.4629	3.4132	13.637
#1	-.00257	-.00307	.00712	-.00632	-.00083	.03042	.12133	-.00015
#2	.00010	-.00209	.00701	-.00829	.00066	.03478	.12733	-.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	100.80	.00490	.00179	.00833	.03211	.35331	4.4452
Stddev	.00000	2.47	.00012	.00004	.00026	.00484	.00018	.1124
%RSD	.06410	2.4547	2.5469	2.1508	3.1604	15.058	.05230	2.5283
#1	.00055	99.048	.00499	.00176	.00852	.02869	.35344	4.3657
#2	.00055	102.55	.00481	.00181	.00815	.03553	.35318	4.5247
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00769	.00002	313.81	.00095	.07023	1.8782	.00010	.00893
Stddev	.00025	.00000	9.02	.00021	.00263	.0051	.00017	.00016
%RSD	3.1999	19.992	2.8741	22.460	3.7496	.27059	169.29	1.7709
#1	.00786	.00002	307.43	.00080	.06837	1.8818	-.00002	.00882
#2	.00751	.00003	320.19	.00110	.07210	1.8746	.00022	.00904
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	1.0422	3.2013	.00068	-.00369	.01150	.0105	.26351	
Stddev	.0009	.0816	.00039	.00086	.00064	.0005	.00487	
%RSD	.08775	2.5481	57.724	23.308	5.6048	4.331	1.8483	
#1	1.0429	3.1436	.00040	-.00308	.01196	.0101	.26007	
#2	1.0416	3.2589	.00096	-.00430	.01105	.0108	.26696	
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4804.2	69437.	4991.0	103.14	4204.6			
Stddev	2.2	238.	115.6	3.31	7.9			
%RSD	.04602	.34235	2.3159	3.2073	.18747			
#1	4805.8	69269.	5072.7	105.48	4199.1			
#2	4802.7	69605.	4909.2	100.80	4210.2			

Sample Name: I4562-03 Acquired: 8/2/2017 22:00:31 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: JC-02-080117 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	-.00292	.02491	-.00031	-.00012	.06672	.14577	-.00012
Stddev	.00123	.00033	.00062	.00176	.00198	.00294	.00036	.00003
%RSD	81.215	11.208	2.4758	562.76	1583.7	4.4116	.24794	21.683

#1	-.00064	-.00315	.02447	-.00156	.00127	.06880	.14603	-.00010
#2	-.00238	-.00269	.02534	.00093	-.00152	.06463	.14551	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	35.742	.00095	.00278	.00412	.01235	.55649	2.8839
Stddev	.00006	.131	.00012	.00019	.00019	.00855	.00154	.0120
%RSD	24.125	.36562	12.339	7.0038	4.5476	69.234	.27760	.41421

#1	.00028	35.649	.00087	.00291	.00399	.01839	.55539	2.8755
#2	.00020	35.834	.00103	.00264	.00425	.00630	.55758	2.8924

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00408	-.00035	304.72	.00018	.06263	1.8654	-.00024	.00489
Stddev	.00013	.00040	.18	.00031	.00046	.0112	.00011	.00617
%RSD	3.3053	112.77	.05797	170.43	.74001	.59844	47.340	126.21

#1	.00398	-.00007	304.60	.00040	.06230	1.8733	-.00016	.00925
#2	.00417	-.00063	304.85	-.00004	.06296	1.8575	-.00032	.00053

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.74945	1.5730	.00038	-.00054	.00973	.0078	.15359	
Stddev	.00019	.0007	.00035	.00002	.00202	.0008	.00003	
%RSD	.02566	.04418	93.875	3.9466	20.799	10.09	.01938	

#1	.74959	1.5735	.00062	-.00052	.01116	.0073	.15362	
#2	.74932	1.5725	.00013	-.00055	.00830	.0084	.15357	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4835.2	69933.	4939.4	100.54	4189.2			
Stddev	9.8	241.	26.3	.70	14.5			
%RSD	.20345	.34460	.53300	.69563	.34551			

#1	4828.2	70103.	4958.0	101.03	4179.0			
#2	4842.1	69762.	4920.8	100.04	4199.5			

Sample Name: I4562-06 Acquired: 8/2/2017 22:04:49 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: JC-02-080117 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00170	-.00140	.02220	.00081	.00094	.08716	.16584	-.00008
Stddev	.00137	.00098	.00041	.00007	.00150	.00104	.00095	.00001
%RSD	80.620	69.825	1.8509	8.9291	158.62	1.1947	.57348	6.2049

#1	-.00073	-.00071	.02191	.00076	.00200	.08642	.16517	-.00008
#2	-.00267	-.00209	.02249	.00086	-.00011	.08789	.16651	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	38.395	.00071	.00695	.00308	.06148	.76671	3.4682
Stddev	.00001	.036	.00030	.00035	.00008	.00536	.00278	.0244
%RSD	1.6573	.09276	41.680	5.0926	2.5147	8.7264	.36264	.70337

#1	.00050	38.370	.00092	.00721	.00303	.06527	.76474	3.4510
#2	.00051	38.420	.00050	.00670	.00314	.05768	.76868	3.4855

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00706	-.00016	320.08	-.00002	.07691	2.9259	-.00011	.00765
Stddev	.00030	.00038	1.33	.00010	.00065	.0075	.00015	.00271
%RSD	4.2991	241.20	.41572	562.66	.84309	.25502	135.77	35.392

#1	.00684	.00011	319.14	-.00009	.07737	2.9312	.00000	.00573
#2	.00727	-.00043	321.02	.00006	.07645	2.9206	-.00021	.00956

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.62137	1.7429	.00033	-.00200	.00976	.0080	.15151	
Stddev	.00530	.0013	.00054	.00073	.00058	.0002	.00042	
%RSD	.85249	.07402	164.05	36.524	5.9463	2.429	.27649	

#1	.62512	1.7438	.00071	-.00149	.01017	.0081	.15181	
#2	.61762	1.7420	-.00005	-.00252	.00935	.0078	.15121	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4824.9	69741.	4971.1	101.06	4183.9			
Stddev	22.3	64.	6.2	.48	9.9			
%RSD	.46212	.09234	.12463	.47704	.23771			

#1	4809.1	69786.	4975.5	100.72	4176.9			
#2	4840.7	69695.	4966.7	101.40	4190.9			

Sample Name: I4562-09 Acquired: 8/2/2017 22:09:07 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: JC-02-080117 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	-.00172	.02733	.00102	-.00057	.08567	.15319	-.00009
Stddev	.00032	.00103	.00019	.00194	.00064	.00948	.00123	.00002
%RSD	53.084	59.913	.68587	190.76	113.15	11.070	.80289	23.884

#1	-.00083	-.00246	.02746	.00239	-.00102	.07896	.15232	-.00007
#2	-.00038	-.00099	.02720	-.00035	-.00011	.09238	.15406	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	30.003	.00063	.00191	.00778	.03213	.37313	2.3766
Stddev	.00000	.119	.00054	.00004	.00012	.00195	.00061	.0058
%RSD	1.4656	.39722	85.319	1.8723	1.5406	6.0711	.16459	.24289

#1	.00029	29.919	.00101	.00189	.00786	.03075	.37356	2.3807
#2	.00029	30.087	.00025	.00194	.00769	.03351	.37269	2.3725

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00424	-.00072	320.33	.00046	.11529	1.2899	.00001	.01140
Stddev	.00004	.00049	3.48	.00004	.00123	.0376	.00019	.00470
%RSD	1.0324	67.774	1.0860	9.7303	1.0695	2.9122	2692.5	41.196

#1	.00421	-.00037	317.87	.00049	.11441	1.2634	.00014	.01472
#2	.00427	-.00106	322.79	.00043	.11616	1.3165	-.00013	.00808

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.50226	1.2366	.00066	.00186	.00882	.0172	.11354	
Stddev	.00046	.0280	.00025	.00037	.00265	.0012	.00050	
%RSD	.09151	2.2676	38.153	19.956	30.047	6.685	.44293	

#1	.50259	1.2168	.00048	.00212	.00695	.0164	.11319	
#2	.50194	1.2565	.00084	.00159	.01070	.0181	.11390	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4860.5	69579.	4909.2	102.16	4202.6			
Stddev	21.8	292.	54.6	.84	10.6			
%RSD	.44797	.41907	1.1118	.82120	.25116			

#1	4845.2	69373.	4947.8	102.75	4195.1			
#2	4875.9	69785.	4870.6	101.57	4210.0			

Sample Name: I4562-12 Acquired: 8/2/2017 22:13:24 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: JC-02-080117 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	-.00242	.01721	.00075	.00095	.08015	.16185	-.00007
Stddev	.00019	.00012	.00070	.00021	.00007	.00218	.00157	.00007
%RSD	14.711	4.9111	4.0874	28.624	7.4552	2.7249	.97014	95.296

#1	-.00113	-.00250	.01671	.00059	.00100	.08170	.16074	-.00002
#2	-.00139	-.00233	.01771	.00090	.00090	.07861	.16296	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	52.951	.00167	.00454	.00397	.04590	.85617	3.5189
Stddev	.00002	.218	.00010	.00000	.00032	.01199	.00128	.0209
%RSD	4.3811	.41143	5.9061	.08198	8.0411	26.119	.14894	.59329

#1	.00041	52.797	.00160	.00455	.00420	.03742	.85707	3.5041
#2	.00039	53.105	.00174	.00454	.00375	.05438	.85527	3.5337

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00594	-.00019	320.51	.00036	.05024	1.8268	-.00016	.01370
Stddev	.00036	.00044	.89	.00035	.00071	.0099	.00014	.01121
%RSD	6.0380	236.85	.27760	96.570	1.4211	.54311	83.468	81.797

#1	.00569	.00013	319.88	.00011	.04973	1.8338	-.00026	.02163
#2	.00620	-.00050	321.14	.00061	.05074	1.8197	-.00007	.00578

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97413	1.9372	.00044	.00068	.00881	.0059	.19291
Stddev	.00740	.0103	.00049	.00142	.00178	.0000	.00039
%RSD	.75927	.53033	110.10	207.31	20.246	.5926	.20052

#1	.97936	1.9300	.00010	-.00032	.00755	.0059	.19264
#2	.96890	1.9445	.00079	.00169	.01007	.0059	.19318

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4851.0	69763.	4927.7	99.458	4213.7
Stddev	27.2	76.	25.7	1.419	22.4
%RSD	.56022	.10943	.52147	1.4263	.53248

#1	4831.8	69817.	4945.9	100.46	4197.8
#2	4870.3	69709.	4909.5	98.455	4229.6

Sample Name: CCV09 Acquired: 8/2/2017 22:17:42 Type: Unk
Method: P4-ICP2(v2122) 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	4.8979	4.5865	4.8658	4.7552	4.7950	9.1607	9.6012	.23928	2.3679
Stddev	.0151	.0028	.0050	.0038	.0082	.0084	.0237	.00065	.0008
%RSD	.30791	.06183	.10365	.08064	.17091	.09152	.24656	.27053	.03385

#1	4.9086	4.5845	4.8622	4.7579	4.7892	9.1548	9.6179	.23882	2.3685
#2	4.8872	4.5885	4.8693	4.7525	4.8008	9.1666	9.5845	.23974	2.3673

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.487	.95110	2.3302	1.2031	4.8724	2.3858	25.485	2.3184	1.1906
Stddev	.137	.00128	.0013	.0007	.0584	.0055	.257	.0003	.0034
%RSD	.55817	.13428	.05763	.05938	1.1982	.22978	1.0070	.01352	.28392

#1	24.583	.95200	2.3293	1.2036	4.8311	2.3819	25.666	2.3186	1.1882
#2	24.390	.95020	2.3312	1.2026	4.9137	2.3897	25.303	2.3182	1.1930

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	23.141	2.3772	2.4663	23.994	4.8447	4.7602	4.6131	5.1138	4.7346
Stddev	.019	.0040	.0240	.112	.0002	.0102	.0044	.0221	.0130
%RSD	.08167	.16665	.97504	.46821	.00360	.21373	.09483	.43215	.27549

#1	23.155	2.3744	2.4493	24.073	4.8445	4.7674	4.6100	5.1294	4.7254
#2	23.128	2.3800	2.4833	23.915	4.8448	4.7530	4.6162	5.0982	4.7438

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8240	4.7715	4.790	4.8318
Stddev	.0126	.0199	.005	.0278
%RSD	.26201	.41628	.1074	.57546

#1	4.8330	4.7855	4.794	4.8121
#2	4.8151	4.7574	4.786	4.8515

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4825.4	67991.	4878.6	98.055	4051.4
Stddev	3.4	217.	10.3	.928	1.0
%RSD	.07142	.31876	.21025	.94621	.02528

#1	4823.0	68145.	4871.4	98.711	4050.7
#2	4827.9	67838.	4885.9	97.399	4052.1

Sample Name: LLCCV04 Acquired: 8/2/2017 22:21:48 Type: Unk
Method: P4-ICP2(v2122) 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	.02153	.03523	.01102	.01902	.04724	.08831	.09698	.00581	.00573
Stddev	.00026	.00030	.00084	.00095	.00004	.01152	.00027	.00010	.00004
%RSD	1.2049	.84728	7.6447	4.9892	.08150	13.046	.27551	1.7478	.66932

#1	.02172	.03502	.01162	.01835	.04727	.09645	.09717	.00574	.00570
#2	.02135	.03544	.01043	.01969	.04721	.08016	.09679	.00588	.00575

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9341	.00962	.02772	.01751	.10597	.01949	2.0150	.03755	.00933
Stddev	.0150	.00011	.00018	.00008	.00944	.00006	.0050	.00068	.00004
%RSD	.77600	1.1551	.66452	.47613	8.9090	.33231	.24760	1.8170	.37566

#1	1.9235	.00954	.02759	.01745	.11264	.01944	2.0115	.03707	.00931
#2	1.9447	.00970	.02785	.01757	.09929	.01953	2.0185	.03803	.00936

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	1.9948	.03694	.03977	1.9507	.20701	.09828	.01741	.38346	.03887
Stddev	.0043	.00002	.00041	.0251	.00014	.00153	.00070	.00110	.00021
%RSD	.21467	.04412	1.0186	1.2883	.06803	1.5563	4.0461	.28785	.54512

#1	1.9978	.03695	.03949	1.9684	.20711	.09720	.01791	.38268	.03902
#2	1.9917	.03692	.04006	1.9329	.20691	.09936	.01692	.38424	.03872

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.03871	.01909	.0194	.02001
Stddev	.00085	.00062	.0004	.00013
%RSD	2.1910	3.2387	2.124	.65582

#1	.03931	.01865	.0191	.02010
#2	.03811	.01952	.0197	.01992

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4891.8	68018.	4873.0	100.19	4254.9
Stddev	7.9	162.	6.0	.81	3.4
%RSD	.16186	.23886	.12358	.80839	.08006

#1	4886.2	67904.	4877.3	100.77	4257.3
#2	4897.4	68133.	4868.8	99.621	4252.5

Sample Name: CCB09 Acquired: 8/2/2017 22:25:59 Type: Unk

Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000

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

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00154	-.00054	.00040	.00138	.00425	.00073	.00002
Stddev	.00013	.00108	.00140	.00111	.00101	.00521	.00038	.00006
%RSD	77.387	70.168	257.58	278.44	73.122	122.52	52.486	324.52

#1	.00007	.00230	-.00154	-.00039	.00210	.00794	.00100	-.00003
#2	.00025	.00077	.00045	.00118	.00067	.00057	.00046	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.01631	-.00034	-.00014	-.00028	.00380	.00036	-.02029
Stddev	.00011	.00501	.00021	.00006	.00009	.00132	.00001	.02664
%RSD	233.88	30.729	60.842	44.521	32.436	34.695	2.9983	131.31

#1	.00003	-.01276	-.00020	-.00010	-.00022	.00474	.00037	-.03913
#2	-.00012	-.01985	-.00049	-.00019	-.00035	.00287	.00035	-.00145

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.00002	.10127	.00011	-.00042	.05854	.00059	.00226
Stddev	.00009	.00052	.00717	.00001	.00002	.00949	.00012	.00754
%RSD	45.840	3242.8	7.0845	11.477	4.0226	16.212	20.013	333.62

#1	.00025	.00035	.09620	.00011	-.00041	.06525	.00051	.00759
#2	.00013	-.00038	.10634	.00010	-.00043	.05183	.00067	-.00307

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.00080	-.00933	-.00013	.00045	-.00137	.0004	.00003	
Stddev	.00006	.00083	.00002	.00015	.00054	.0010	.00001	
%RSD	7.1557	8.9379	16.851	33.747	39.230	266.5	30.766	

#1	.00076	-.00992	-.00015	.00034	-.00099	-.0003	.00002	
#2	.00084	-.00874	-.00012	.00055	-.00176	.0011	.00003	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4914.5	67767.	4893.4	100.62	4206.7			
Stddev	25.7	180.	15.3	.81	10.7			
%RSD	.52347	.26627	.31357	.80924	.25415			

#1	4896.3	67639.	4904.2	101.19	4199.1			
#2	4932.7	67895.	4882.5	100.04	4214.2			

Sample Name: I4562-15 Acquired: 8/2/2017 22:30:14 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: JC-02-080117 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00168	-.00143	.27482	-.00710	.00062	.01322	.15179	-.00017
Stddev	.00158	.00002	.00126	.00032	.00085	.00073	.00056	.00007
%RSD	93.730	1.6381	.45808	4.4517	136.48	5.4981	.36920	39.407

#1	-.00057	-.00142	.27393	-.00687	.00002	.01373	.15139	-.00013
#2	-.00280	-.00145	.27571	-.00732	.00122	.01271	.15219	-.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	99.273	.00033	.00597	.00740	.01188	.93906	2.4023
Stddev	.00008	.359	.00057	.00009	.00026	.00586	.00173	.0281
%RSD	14.058	.36151	170.67	1.4328	3.5679	49.334	.18380	1.1704

#1	.00064	99.019	.00073	.00591	.00758	.01602	.93784	2.3824
#2	.00052	99.527	-.00007	.00604	.00721	.00773	.94028	2.4222

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00855	-.00023	305.22	.00036	.25525	2.2371	.00146	.02056
Stddev	.00015	.00013	1.17	.00008	.00449	.0245	.00004	.00297
%RSD	1.7205	56.987	.38184	20.634	1.7579	1.0953	2.9186	14.425

#1	.00865	-.00032	304.40	.00031	.25842	2.2198	.00143	.02265
#2	.00845	-.00014	306.05	.00042	.25207	2.2545	.00149	.01846

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	1.6015	3.4414	.00069	-.00258	.01168	.0087	.35067	
Stddev	.0017	.0052	.00057	.00189	.00137	.0009	.00066	
%RSD	.10422	.15194	82.826	73.529	11.753	9.887	.18715	

#1	1.6027	3.4377	.00029	-.00124	.01071	.0081	.35114	
#2	1.6003	3.4451	.00110	-.00392	.01265	.0094	.35021	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4782.5	69453.	4926.2	101.20	4198.4			
Stddev	18.5	76.	3.5	1.82	17.4			
%RSD	.38631	.10965	.07187	1.8014	.41451			

#1	4769.4	69507.	4923.7	99.907	4186.1			
#2	4795.6	69399.	4928.7	102.48	4210.7			

Sample Name: I4562-18 Acquired: 8/2/2017 22:34:30 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: JC-02-080117 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	-.00130	.01226	-.00075	-.00063	.06546	.18176	-.00004
Stddev	.00121	.00133	.00009	.00127	.00155	.01057	.00050	.00001
%RSD	288.23	102.42	.75895	169.69	244.34	16.151	.27528	30.237

#1	-.00128	-.00036	.01233	.00015	.00046	.07294	.18211	-.00003
#2	.00044	-.00224	.01220	-.00165	-.00173	.05799	.18140	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	39.107	.00048	.00412	.00280	.05783	.76314	3.6205
Stddev	.00000	.022	.00003	.00003	.00007	.00314	.00128	.0071
%RSD	1.0485	.05596	5.7319	.65141	2.5038	5.4363	.16778	.19657

#1	.00020	39.092	.00046	.00414	.00285	.06005	.76404	3.6255
#2	.00020	39.123	.00050	.00410	.00275	.05561	.76223	3.6154

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00532	-.00047	320.18	.00030	.03503	1.9336	.00008	.01679
Stddev	.00006	.00021	.64	.00026	.00118	.0295	.00026	.00308
%RSD	1.0768	43.265	.19969	86.447	3.3685	1.5250	317.34	18.326

#1	.00528	-.00033	319.73	.00012	.03587	1.9127	.00027	.01897
#2	.00536	-.00062	320.63	.00049	.03420	1.9544	-.00010	.01462

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.59712	1.5619	.00117	-.00023	.00836	.0060	.14218	
Stddev	.00109	.0065	.00017	.00260	.00329	.0008	.00084	
%RSD	.18270	.41723	14.402	1151.4	39.310	13.22	.59312	

#1	.59635	1.5665	.00129	-.00207	.00604	.0054	.14278	
#2	.59789	1.5573	.00105	.00161	.01069	.0065	.14159	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4896.1	70801.	4980.8	100.15	4246.0			
Stddev	3.5	474.	41.1	2.71	2.7			
%RSD	.07136	.66893	.82574	2.7014	.06385			

#1	4898.5	70466.	4951.7	98.233	4244.1			
#2	4893.6	71136.	5009.8	102.06	4247.9			

Sample Name: I4562-21 Acquired: 8/2/2017 22:38:47 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: JC-02-080117 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00222	-.00246	.01623	-.00139	.00020	.06665	.16291	-.00008
Stddev	.00112	.00028	.00086	.00099	.00022	.00040	.00106	.00002
%RSD	50.438	11.540	5.2674	71.298	111.14	.59627	.65264	27.291

#1	-.00143	-.00267	.01563	-.00209	.00004	.06693	.16216	-.00009
#2	-.00302	-.00226	.01684	-.00069	.00035	.06637	.16367	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	51.233	.00075	.00344	.00561	.02464	.76250	2.5062
Stddev	.00005	.303	.00033	.00005	.00058	.00601	.00081	.0687
%RSD	12.034	.59184	43.827	1.5806	10.297	24.388	.10671	2.7425

#1	.00035	51.019	.00051	.00340	.00520	.02889	.76193	2.4576
#2	.00041	51.448	.00098	.00348	.00601	.02039	.76308	2.5548

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00541	-.00036	329.45	.00008	.06038	1.8595	-.00009	.01205
Stddev	.00001	.00003	4.77	.00019	.00058	.0013	.00010	.00244
%RSD	.14618	8.3922	1.4491	241.44	.95900	.07229	117.23	20.285

#1	.00540	-.00038	326.07	-.00005	.06079	1.8604	-.00016	.01032
#2	.00542	-.00034	332.83	.00021	.05997	1.8585	-.00002	.01377

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.92018	2.1859	.00061	.00105	.00822	.0075	.19235	
Stddev	.00296	.0003	.00013	.00001	.00059	.0006	.00020	
%RSD	.32159	.01252	21.558	1.3384	7.2004	7.983	.10636	

#1	.92227	2.1861	.00070	.00106	.00864	.0079	.19220	
#2	.91809	2.1857	.00052	.00104	.00780	.0071	.19249	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4840.9	69800.	4834.3	99.278	4207.2			
Stddev	16.1	80.	.7	1.235	9.7			
%RSD	.33212	.11425	.01412	1.2436	.23114			

#1	4829.5	69856.	4833.8	98.405	4200.3			
#2	4852.2	69743.	4834.8	100.15	4214.0			

Sample Name: I4562-24 Acquired: 8/2/2017 22:43:06 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: JC-02-080117 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	-.00162	.05904	-.00347	-.00151	.04882	.14734	-.00006
Stddev	.00081	.00007	.00049	.00097	.00196	.00166	.00059	.00003
%RSD	71.183	4.5906	.83758	28.006	129.81	3.3926	.40156	51.393

#1	-.00171	-.00157	.05939	-.00416	-.00289	.05000	.14692	-.00004
#2	-.00056	-.00168	.05869	-.00278	-.00012	.04765	.14776	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	68.733	.00030	.00244	.00642	.40782	.96270	5.2654
Stddev	.00009	.112	.00011	.00007	.00005	.00844	.00037	.0100
%RSD	20.177	.16318	36.606	2.6922	.83756	2.0701	.03810	.18898

#1	.00052	68.654	.00022	.00239	.00638	.40185	.96296	5.2583
#2	.00039	68.812	.00037	.00249	.00645	.41379	.96244	5.2724

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00461	-.00020	312.51	.00043	.05875	1.2291	-.00001	.01985
Stddev	.00049	.00039	2.40	.00008	.00025	.0095	.00024	.00205
%RSD	10.651	197.10	.76923	17.871	.42949	.77558	4394.6	10.308

#1	.00427	.00008	314.21	.00049	.05893	1.2224	.00017	.02130
#2	.00496	-.00048	310.81	.00038	.05858	1.2359	-.00018	.01841

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.59907	2.7039	-.00025	-.00082	.00394	.0052	.26220	
Stddev	.00285	.0077	.00031	.00045	.00236	.0003	.00002	
%RSD	.47629	.28533	123.99	54.567	59.866	6.271	.00719	

#1	.60109	2.6984	-.00003	-.00051	.00227	.0054	.26221	
#2	.59706	2.7093	-.00047	-.00114	.00561	.0050	.26219	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4834.3	69443.	4902.3	100.66	4196.0			
Stddev	37.5	170.	25.2	.85	32.0			
%RSD	.77587	.24495	.51377	.84217	.76286			

#1	4807.8	69564.	4920.1	100.06	4173.4			
#2	4860.9	69323.	4884.5	101.26	4218.6			

Sample Name: I4562-24DUP Acquired: 8/2/2017 22:47:24 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: JC-02-080117 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	-.00149	.05956	-.00286	-.00097	.04297	.14682	-.00005
Stddev	.00058	.00008	.00012	.00164	.00084	.00914	.00108	.00003
%RSD	187.20	5.1939	.20225	57.439	86.826	21.269	.73253	66.783
#1	-.00010	-.00155	.05947	-.00170	-.00037	.04944	.14606	-.00007
#2	.00072	-.00144	.05964	-.00402	-.00156	.03651	.14758	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	68.109	-.00031	.00246	.00635	.41814	.96221	5.2207
Stddev	.00001	.157	.00035	.00006	.00011	.00374	.00088	.0339
%RSD	1.2468	.23010	113.89	2.2905	1.7587	.89496	.09164	.64921
#1	.00047	67.998	-.00056	.00250	.00643	.41549	.96284	5.1968
#2	.00048	68.220	-.00006	.00242	.00627	.42078	.96159	5.2447
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00455	-.00052	307.85	.00021	.05905	1.1894	.00000	.01776
Stddev	.00001	.00009	3.06	.00038	.00087	.0030	.0001	.00859
%RSD	.24330	17.486	.99387	178.09	1.4759	.25251	1235.9	48.398
#1	.00456	-.00046	310.02	.00048	.05844	1.1873	-.00004	.01168
#2	.00454	-.00059	305.69	-.00005	.05967	1.1915	.00003	.02383
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.59315	2.6984	.00027	-.00214	.00699	.0049	.26077	
Stddev	.00338	.0111	.00030	.00003	.00079	.0006	.00090	
%RSD	.57057	.41109	109.99	1.5225	11.246	11.75	.34685	
#1	.59554	2.7062	.00006	-.00211	.00644	.0053	.26141	
#2	.59076	2.6905	.00048	-.00216	.00755	.0045	.26013	
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4869.0	69646.	4958.7	99.906	4222.1			
Stddev	31.7	186.	6.2	1.538	25.9			
%RSD	.65145	.26773	.12520	1.5391	.61354			
#1	4846.6	69514.	4954.3	100.99	4203.8			
#2	4891.4	69777.	4963.1	98.818	4240.5			

Sample Name: I4562-24LX5 Acquired: 8/2/2017 22:51:41 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: JC-02-080117 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	.00052	.01150	.00090	-.00091	.01256	.03084	.00001
Stddev	.00077	.00027	.00068	.00004	.00039	.00811	.00030	.00002
%RSD	211.37	51.686	5.9218	4.6181	42.228	64.552	.98151	166.59

#1	-.00018	.00033	.01101	.00087	-.00064	.00683	.03062	.00003
#2	.00090	.00071	.01198	.00093	-.00119	.01829	.03105	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	14.080	-.00007	.00041	.00101	.08498	.20172	1.0590
Stddev	.00011	.055	.00024	.00008	.00011	.00022	.00054	.0125
%RSD	145.17	.39030	348.83	19.638	10.930	.26373	.26924	1.1773

#1	.00000	14.041	-.00024	.00035	.00109	.08482	.20133	1.0678
#2	.00016	14.119	.00010	.00047	.00093	.08514	.20210	1.0502

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00086	-.00020	65.977	.00029	.01217	.27979	-.00014	.00334
Stddev	.00020	.00022	.098	.00009	.00020	.01954	.00005	.00363
%RSD	22.965	107.12	.14899	31.820	1.6068	6.9835	32.780	108.82

#1	.00100	-.00005	65.908	.00035	.01203	.29361	-.00018	.00077
#2	.00072	-.00036	66.047	.00022	.01231	.26597	-.00011	.00591

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.12370	.56719	-.00110	.00010	.00237	.0016	.05390	
Stddev	.00002	.00454	.00018	.00077	.00082	.0011	.00034	
%RSD	.01224	.80102	16.212	789.81	34.612	69.13	.62801	

#1	.12369	.57040	-.00122	.00065	.00295	.0008	.05366	
#2	.12371	.56398	-.00097	-.00045	.00179	.0024	.05414	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4920.9	68887.	4886.3	101.95	4382.3			
Stddev	16.5	61.	14.9	1.02	19.4			
%RSD	.33478	.08904	.30589	1.0012	.44258			

#1	4909.2	68844.	4875.7	102.67	4368.5			
#2	4932.5	68930.	4896.9	101.22	4396.0			

Sample Name: I4562-24MS Acquired: 8/2/2017 22:55:55 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: JC-02-080117 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	.79214	1.7378	.98440	1.7080	.76286	1.9101	.33449	.18767	.18504
Stddev	.00659	.0006	.00066	.0044	.00371	.0257	.00181	.00053	.00025
%RSD	.83134	.03662	.06702	.25971	.48596	1.3459	.54145	.28179	.13606

#1	.78749	1.7373	.98487	1.7049	.76024	1.8920	.33321	.18805	.18486
#2	.79680	1.7382	.98393	1.7112	.76548	1.9283	.33577	.18730	.18522

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	63.218	.38979	.18844	.28948	3.3184	1.0703	6.8474	.46254	.07237
Stddev	.393	.00060	.00028	.00111	.0064	.0001	.1166	.00003	.00001
%RSD	.62122	.15429	.14961	.38276	.19306	.00809	1.7028	.00663	.00994

#1	62.940	.39021	.18824	.28870	3.3139	1.0703	6.7650	.46256	.07237
#2	63.496	.38936	.18864	.29027	3.3230	1.0702	6.9299	.46252	.07238

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	287.25	.29778	.24631	11.210	.41914	.31470	.53335	3.3980	.67829
Stddev	.82	.00053	.00149	.056	.00049	.00096	.00461	.0294	.00147
%RSD	.28433	.17862	.60652	.50185	.11643	.30354	.86522	.86522	.21684

#1	287.83	.29815	.24526	11.170	.41879	.31403	.53009	3.3772	.67933
#2	286.67	.29740	.24737	11.250	.41948	.31538	.53662	3.4188	.67725

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.20396	.19934	5.189	.42529
Stddev	.00303	.00060	.008	.00253
%RSD	1.4876	.30125	.1514	.59474

#1	.20181	.19891	5.183	.42350
#2	.20610	.19976	5.195	.42708

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4870.3	69971.	4933.5	103.09	4245.3
Stddev	10.3	196.	29.3	.32	10.7
%RSD	.21096	.27991	.59351	.31169	.25123

#1	4863.0	69832.	4954.2	103.31	4237.7
#2	4877.5	70109.	4912.8	102.86	4252.8

Sample Name: I4562-24MSD Acquired: 8/2/2017 22:59:59 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: JC-02-080117 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	.78922	1.7318	.98563	1.7096	.76327	1.8967	.33177	.18703	.18419
Stddev	.00189	.0087	.00373	.0102	.00064	.0032	.00034	.00041	.00020
%RSD	.23984	.50364	.37802	.59581	.08323	.17018	.10347	.21711	.10968

#1	.78789	1.7256	.98299	1.7024	.76372	1.8944	.33153	.18674	.18405
#2	.79056	1.7380	.98826	1.7168	.76282	1.8990	.33202	.18731	.18433

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	63.164	.38864	.18807	.28929	3.3456	1.0642	6.8351	.46136	.07262
Stddev	.119	.00228	.00051	.00090	.0497	.0033	.0506	.00053	.00017
%RSD	.18763	.58708	.27002	.31084	1.4867	.30843	.74089	.11571	.23051

#1	63.080	.38702	.18771	.28865	3.3808	1.0618	6.7993	.46098	.07274
#2	63.248	.39025	.18843	.28992	3.3104	1.0665	6.8709	.46173	.07250

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	282.96	.29537	.24846	11.140	.41888	.30682	.53193	3.4238	.67944
Stddev	1.66	.00073	.00441	.015	.00000	.00488	.00121	.0282	.00220
%RSD	.58728	.24579	1.7731	.13428	.00038	1.5910	.22759	.82298	.32363

#1	284.14	.29485	.25157	11.129	.41889	.30337	.53107	3.4039	.67788
#2	281.79	.29588	.24534	11.150	.41888	.31027	.53278	3.4437	.68099

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.20281	.19851	5.170	.42409
Stddev	.00194	.00104	.002	.00022
%RSD	.95842	.52473	.0370	.05279

#1	.20418	.19777	5.169	.42424
#2	.20143	.19925	5.171	.42393

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4878.4	70322.	4952.9	102.17	4254.5
Stddev	2.3	115.	6.4	1.84	3.0
%RSD	.04783	.16347	.12987	1.8017	.07056

#1	4876.8	70240.	4957.4	100.87	4256.6
#2	4880.1	70403.	4948.3	103.47	4252.4

Sample Name: I4562-24A Acquired: 8/2/2017 23:04:03 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: JC-02-080117 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	.81539	1.7965	1.0238	1.7924	.78773	1.9307	.35066	.19445	.19033
Stddev	.00600	.0105	.0035	.0025	.00185	.0070	.00091	.00050	.00078
%RSD	.73615	.58585	.34330	.13748	.23440	.36194	.25877	.25839	.40995

#1	.81964	1.8040	1.0263	1.7941	.78904	1.9258	.35002	.19410	.19088
#2	.81115	1.7891	1.0213	1.7906	.78643	1.9357	.35130	.19481	.18978

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	68.859	.39785	.19430	.29947	3.4493	1.1442	7.3678	.47557	.07447
Stddev	.031	.00161	.00076	.00073	.0236	.0010	.0236	.00296	.00070
%RSD	.04431	.40347	.39103	.24388	.68549	.08715	.32071	.62197	.94276

#1	68.838	.39671	.19484	.29998	3.4326	1.1434	7.3845	.47766	.07398
#2	68.881	.39898	.19377	.29895	3.4661	1.1449	7.3511	.47348	.07497

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	315.26	.30345	.25856	11.562	.42929	.32202	.58546	3.7650	.70076
Stddev	.83	.00106	.00031	.033	.00037	.00390	.00144	.0043	.00321
%RSD	.26204	.34880	.12128	.28690	.08538	1.2114	.24593	.11430	.45772

#1	315.84	.30270	.25834	11.539	.42955	.32478	.58647	3.7619	.70303
#2	314.67	.30420	.25879	11.586	.42903	.31927	.58444	3.7680	.69850

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.21066	.20186	5.385	.45503
Stddev	.00014	.00014	.012	.00037
%RSD	.06454	.06905	.2253	.08032

#1	.21056	.20195	5.394	.45529
#2	.21075	.20176	5.377	.45477

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4838.7	70277.	4925.6	101.45	4204.3
Stddev	14.5	53.	.4	.06	19.2
%RSD	.29991	.07475	.00800	.05691	.45751

#1	4828.4	70314.	4925.9	101.49	4190.7
#2	4848.9	70239.	4925.3	101.41	4217.9

Sample Name: CCV10 Acquired: 8/2/2017 23:08:08 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB5836 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	4.8497	4.5553	4.8059	4.7221	4.7685	9.0699	9.5333	.23580	2.3488
Stddev	.0024	.0058	.0087	.0057	.0064	.0388	.0759	.00006	.0050
%RSD	.04849	.12702	.18047	.12094	.13334	.42727	.79601	.02354	.21293

#1	4.8481	4.5594	4.8120	4.7181	4.7640	9.0973	9.4796	.23584	2.3524
#2	4.8514	4.5512	4.7998	4.7261	4.7730	9.0425	9.5870	.23576	2.3453

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.273	.93778	2.3133	1.1951	4.7693	2.3631	24.990	2.3050	1.1771
Stddev	.095	.00247	.0048	.0020	.0354	.0063	.169	.0055	.0015
%RSD	.39026	.26293	.20683	.16565	.74160	.26497	.67559	.23651	.12827

#1	24.340	.93953	2.3167	1.1937	4.7443	2.3675	25.110	2.3089	1.1782
#2	24.206	.93604	2.3099	1.1965	4.7943	2.3586	24.871	2.3012	1.1761

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	23.017	2.3508	2.4362	23.910	4.8185	4.7324	4.5725	5.0626	4.6885
Stddev	.020	.0039	.0234	.010	.0070	.0239	.0057	.0150	.0077
%RSD	.08543	.16567	.96082	.04257	.14597	.50420	.12423	.29606	.16420

#1	23.031	2.3536	2.4197	23.903	4.8136	4.7493	4.5766	5.0520	4.6939
#2	23.003	2.3481	2.4528	23.917	4.8235	4.7155	4.5685	5.0732	4.6831

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	4.8023	4.7469	4.747	4.7568
Stddev	.0208	.0024	.013	.0056
%RSD	.43297	.04996	.2661	.11773

#1	4.8170	4.7486	4.756	4.7608
#2	4.7876	4.7452	4.738	4.7529

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4898.4	69276.	4954.7	100.08	4122.3
Stddev	7.3	238.	.1	.80	16.2
%RSD	.14945	.34386	.00247	.79818	.39375

#1	4893.3	69107.	4954.8	100.65	4110.8
#2	4903.6	69444.	4954.6	99.516	4133.7

Sample Name: LLCCV05 Acquired: 8/2/2017 23:12:14 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV11480 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	.01957	.03615	.01060	.02034	.04755	.09352	.09574	.00579	.00561
Stddev	.00015	.00055	.00039	.00026	.00004	.01276	.00017	.00004	.00006
%RSD	.78475	1.5113	3.6687	1.2919	.08338	13.647	.18215	.60897	1.1054

#1	.01946	.03576	.01032	.02053	.04752	.10255	.09562	.00576	.00566
#2	.01968	.03653	.01087	.02016	.04758	.08450	.09586	.00581	.00557

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9215	.00942	.02751	.01737	.09553	.01935	1.9893	.03760	.00960
Stddev	.0105	.00033	.00000	.00016	.00518	.00005	.0334	.00068	.00008
%RSD	.54440	3.5500	.00901	.90613	5.4209	.28362	1.6789	1.8176	.79544

#1	1.9141	.00965	.02751	.01726	.09919	.01939	2.0129	.03809	.00955
#2	1.9289	.00918	.02751	.01748	.09187	.01931	1.9657	.03712	.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	1.9891	.03691	.03974	1.9178	.20487	.09882	.01769	.37344	.03898
Stddev	.0060	.00063	.00055	.0093	.00020	.00649	.00048	.00135	.00112
%RSD	.30133	1.7151	1.3843	.48295	.09878	6.5698	2.7055	.36018	2.8758

#1	1.9849	.03646	.03935	1.9112	.20472	.09423	.01803	.37439	.03977
#2	1.9934	.03735	.04012	1.9243	.20501	.10341	.01735	.37249	.03819

Elem	Ti3361	Li6707	P_1774	Sr4077
Units	ppm	ppm	ppm	ppm
Avg	.03841	.01823	.0186	.01987
Stddev	.00175	.00124	.0012	.00002
%RSD	4.5505	6.8163	6.572	.09326

#1	.03965	.01911	.0177	.01988
#2	.03718	.01735	.0194	.01985

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4961.7	68383.	4921.7	100.80	4278.2
Stddev	1.6	242.	11.8	1.19	3.0
%RSD	.03179	.35392	.23993	1.1793	.07111

#1	4960.6	68212.	4913.4	101.64	4276.1
#2	4962.8	68554.	4930.1	99.958	4280.4

Sample Name: CCB10 Acquired: 8/2/2017 23:16:26 Type: Unk
Method: P4-ICP2(v2122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB11480 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	.00006	-.00093	.00138	.00110	-.00274	.00105	-.00003
Stddev	.00015	.00036	.00039	.00151	.00016	.00242	.00066	.00002
%RSD	15.873	585.27	41.734	109.38	14.844	88.248	63.143	53.426

#1	.00106	.00032	-.00066	.00031	.00099	-.00103	.00058	-.00002
#2	.00085	-.00020	-.00121	.00245	.00122	-.00445	.00151	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00175	-.00025	-.00001	-.00033	-.00507	.00028	-.02304
Stddev	.00004	.00077	.00007	.00004	.00016	.00801	.00003	.00728
%RSD	484.64	43.944	28.633	413.43	49.571	158.10	11.076	31.580

#1	-.00002	-.00229	-.00020	.00002	-.00044	.00060	.00030	-.02818
#2	.00003	-.00121	-.00030	-.00004	-.00021	-.01073	.00026	-.01789

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	-.00044	.09544	.00039	-.00028	.01072	.00055	.00415
Stddev	.00021	.00060	.00648	.00009	.00008	.02422	.00018	.00628
%RSD	50.395	136.22	6.7916	21.864	27.866	226.02	32.367	151.38

#1	.00027	-.00087	.10003	.00045	-.00034	.02784	.00067	.00858
#2	.00056	-.00002	.09086	.00033	-.00023	-.00641	.00042	-.00029

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.00048	-.00878	-.00017	-.00041	.00013	-.00007	.00007	
Stddev	.00017	.00139	.00057	.00135	.00017	.0002	.00017	
%RSD	36.102	15.832	335.63	327.96	129.67	31.12	233.46	

#1	-.00061	-.00779	-.00057	-.00137	.00025	-.0008	-.00005	
#2	-.00036	-.00976	.00023	.00054	.00001	-.0005	.00019	

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	4940.6	68243.	4932.6	98.514	4220.4			
Stddev	6.7	118.	9.2	1.346	11.9			
%RSD	.13498	.17241	.18672	1.3659	.28126			

#1	4935.9	68326.	4939.1	99.466	4212.0			
#2	4945.3	68160.	4926.1	97.563	4228.7			