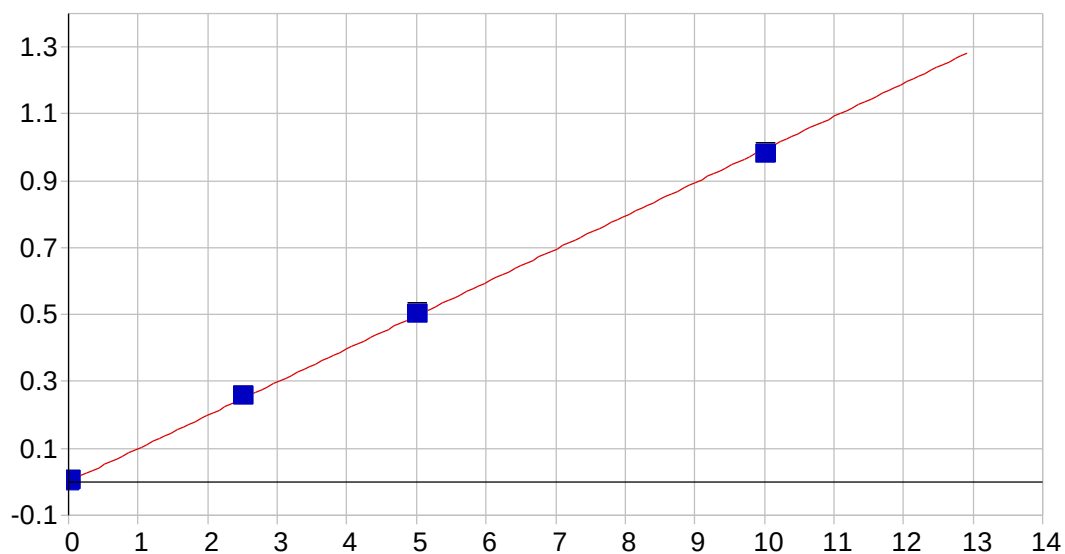




As 189.042 {478}

Date of Fit: 7/30/2018 13:04:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000022

Re-Slope: 1.000000

A1 (Gain): 0.099293

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999851

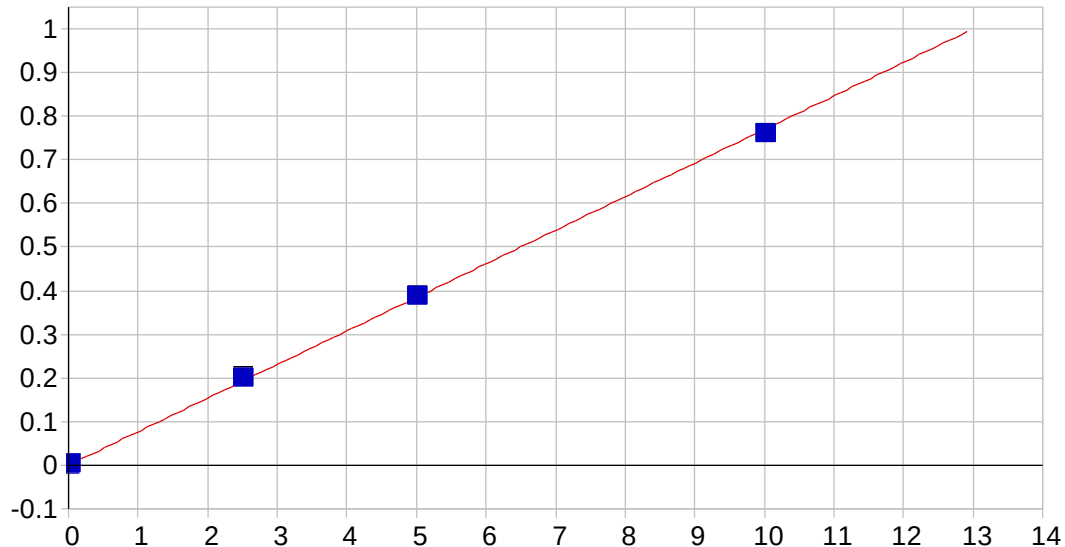
Status: OK.

Std Error of Est: 0.000041

Predicted MDL: 0.004015

Predicted MQL: 0.013384

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.02000	.01959	.000	-2.07	.00197	.000	1
S3	2.5000	2.5894	.089	3.58	.25712	.000	1
S4	5.0000	5.0405	.040	.810	.50047	.003	1
S5	10.000	9.8705	-.130	-1.30	.98002	.004	1



As 189.042 {479}

Date of Fit: 7/30/2018 13:04:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000020

Re-Slope: 1.000000

A1 (Gain): 0.076931

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999806

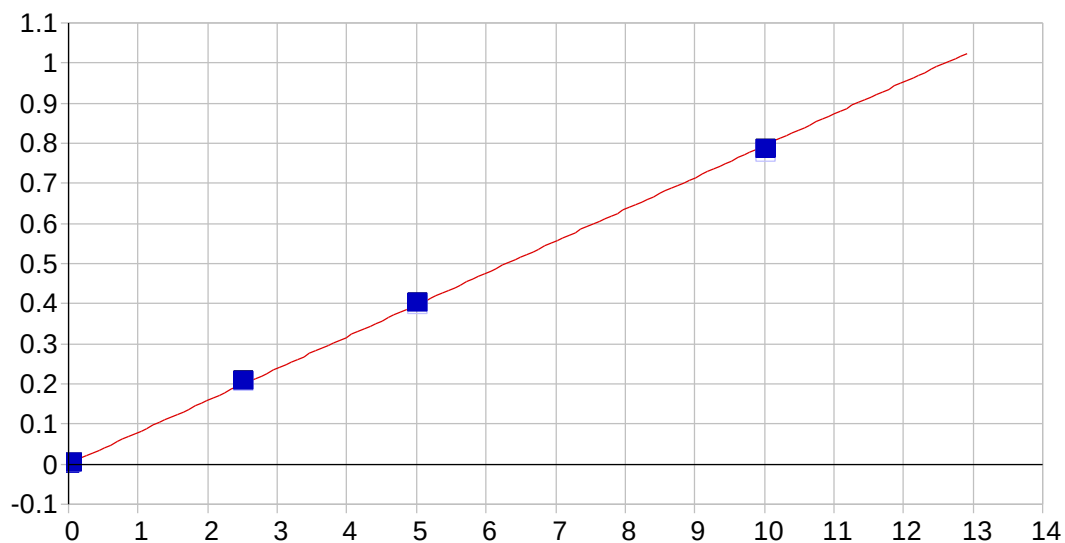
Status: OK.

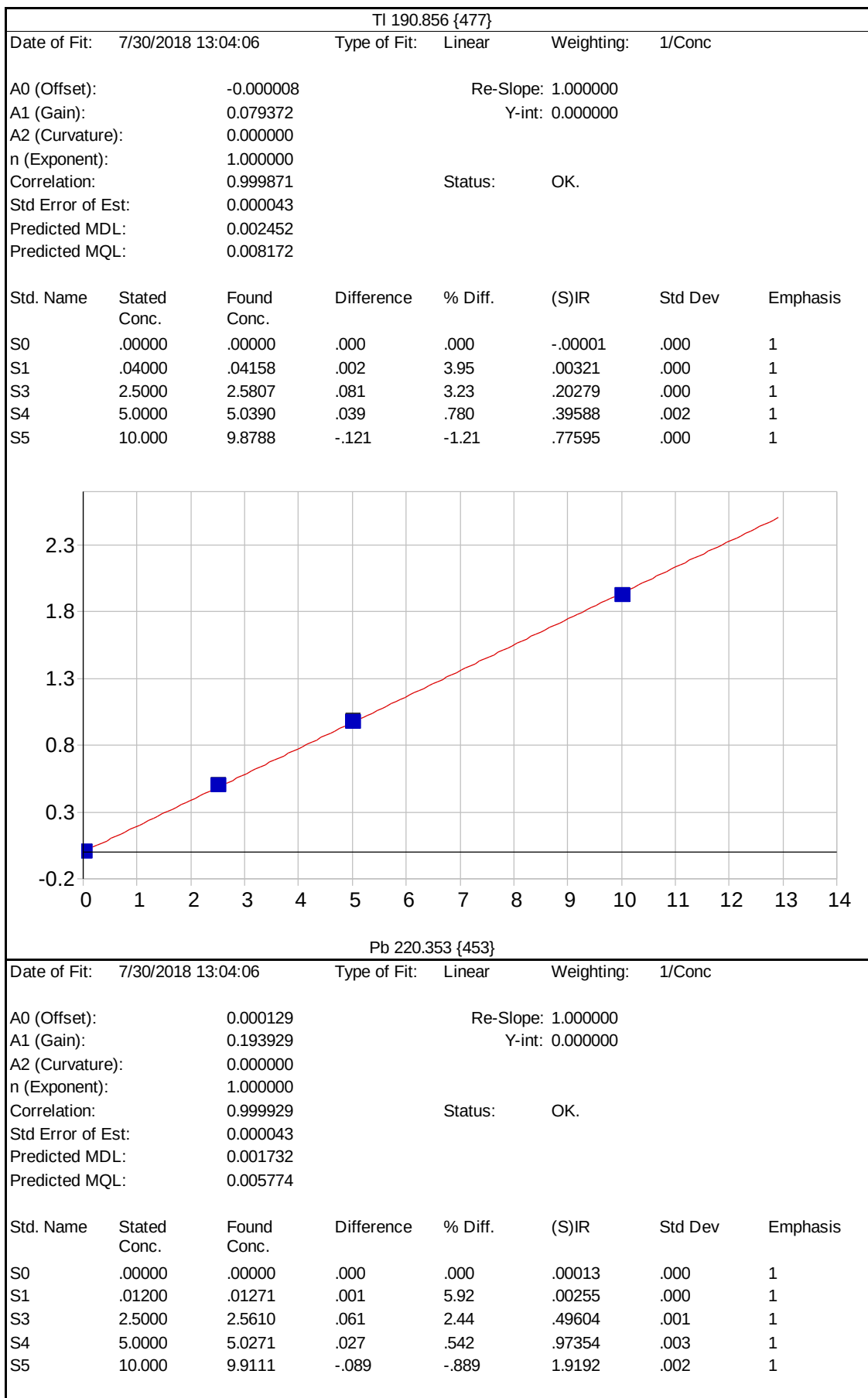
Std Error of Est: 0.000037

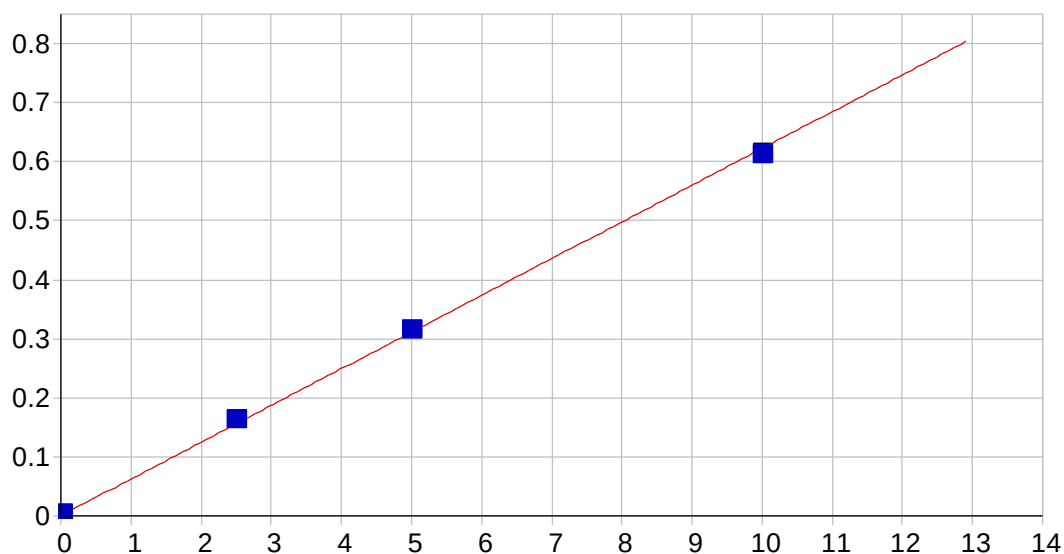
Predicted MDL: 0.003689

Predicted MQL: 0.012297

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.02000	.02050	.000	2.49	.00156	.000	1
S3	2.5000	2.6055	.105	4.22	.20041	.001	1
S4	5.0000	5.0370	.037	.740	.38746	.001	1
S5	10.000	9.8570	-.143	-1.43	.75824	.001	1







Se 196.090 {472}

Date of Fit: 7/30/2018 13:04:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000205

Re-Slope: 1.000000

A1 (Gain): 0.062231

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999767

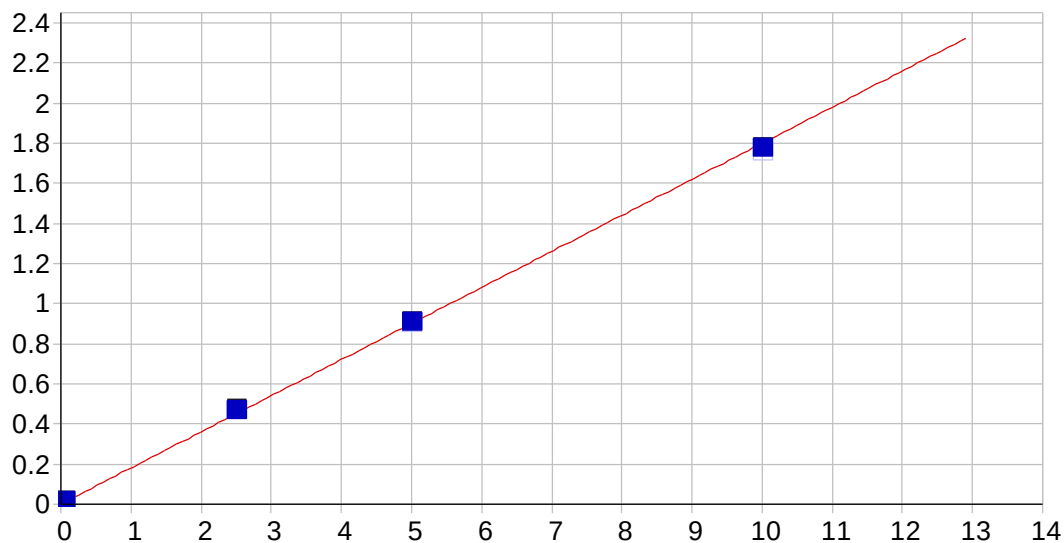
Status: OK.

Std Error of Est: 0.000032

Predicted MDL: 0.005012

Predicted MQL: 0.016706

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.02000	.02161	.002	8.07	.00155	.000	1
S3	2.5000	2.6077	.108	4.31	.16249	.001	1
S4	5.0000	5.0569	.057	1.14	.31491	.000	1
S5	10.000	9.8338	-.166	-1.66	.61220	.001	1

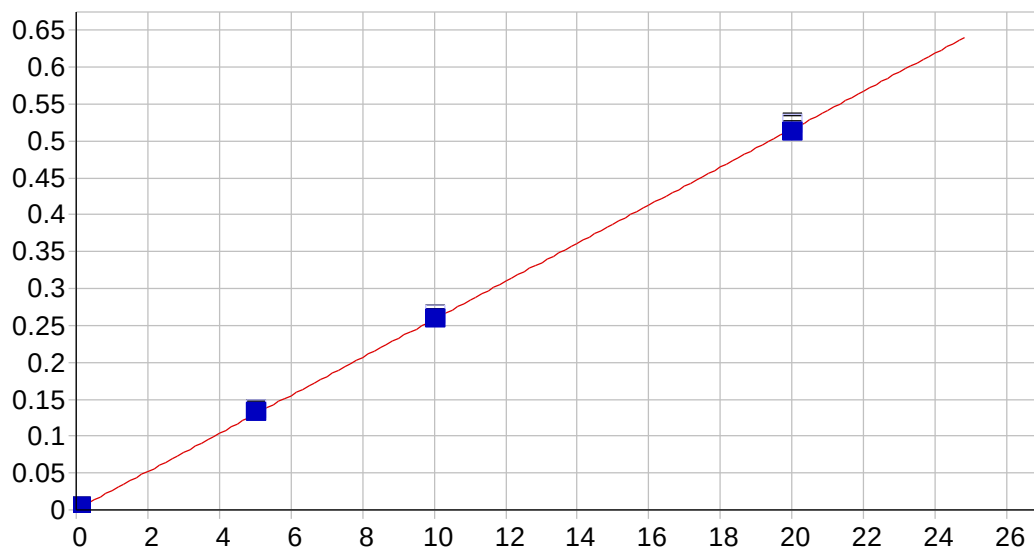


Sb 206.833 {463}

Date of Fit: 7/30/2018 13:04:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000602 Re-Slope: 1.000000
 A1 (Gain): 0.179924 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822 Status: OK.
 Std Error of Est: 0.000128
 Predicted MDL: 0.002391
 Predicted MQL: 0.007970

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00060	.000	1
S1	.05000	.05138	.001	2.76	.00962	.000	1
S3	2.5000	2.5976	.098	3.90	.46291	.001	1
S4	5.0000	5.0400	.040	.799	.89730	.000	1
S5	10.000	9.8611	-.139	-1.39	1.7546	.002	1

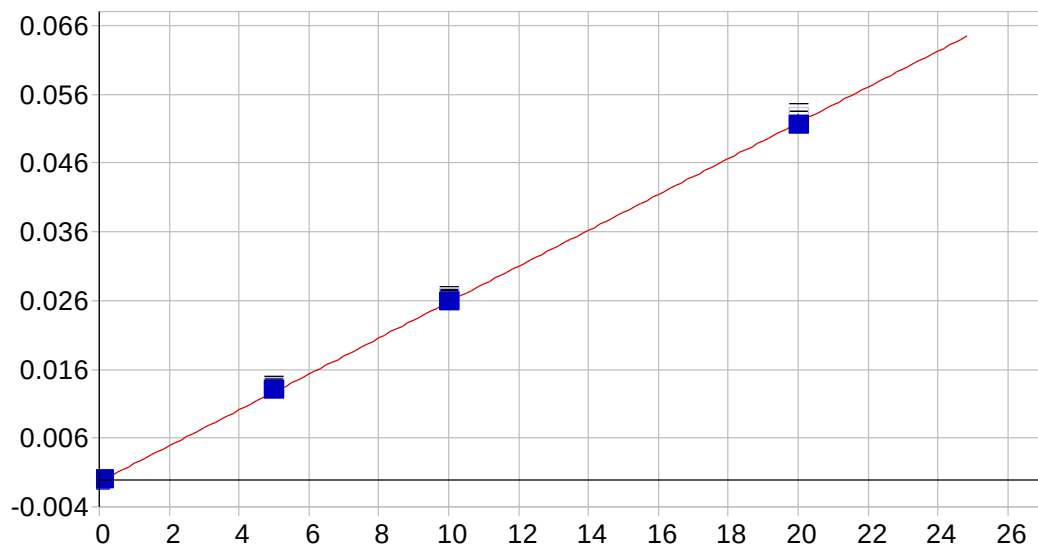


Al 308.215 {109}

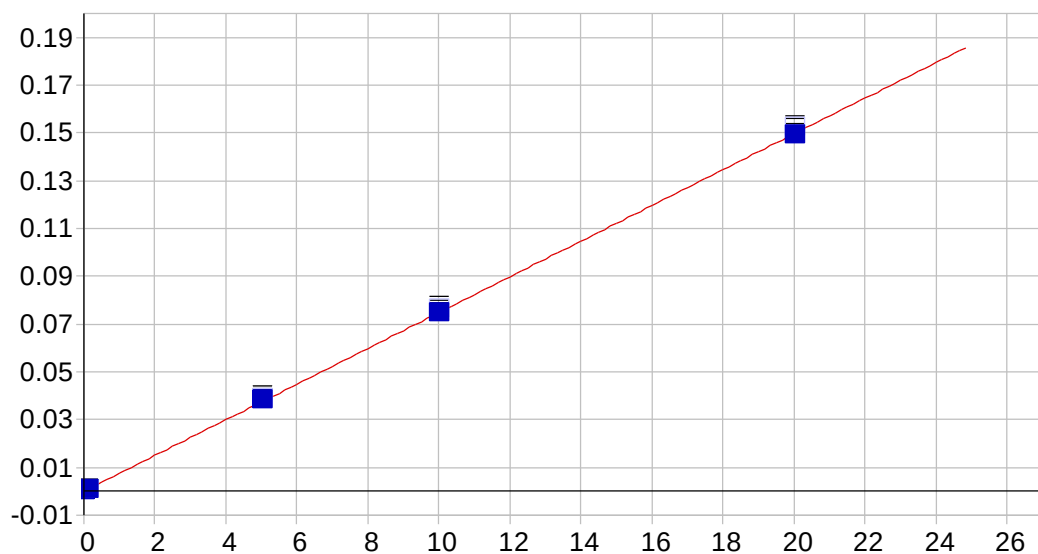
Date of Fit: 7/30/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

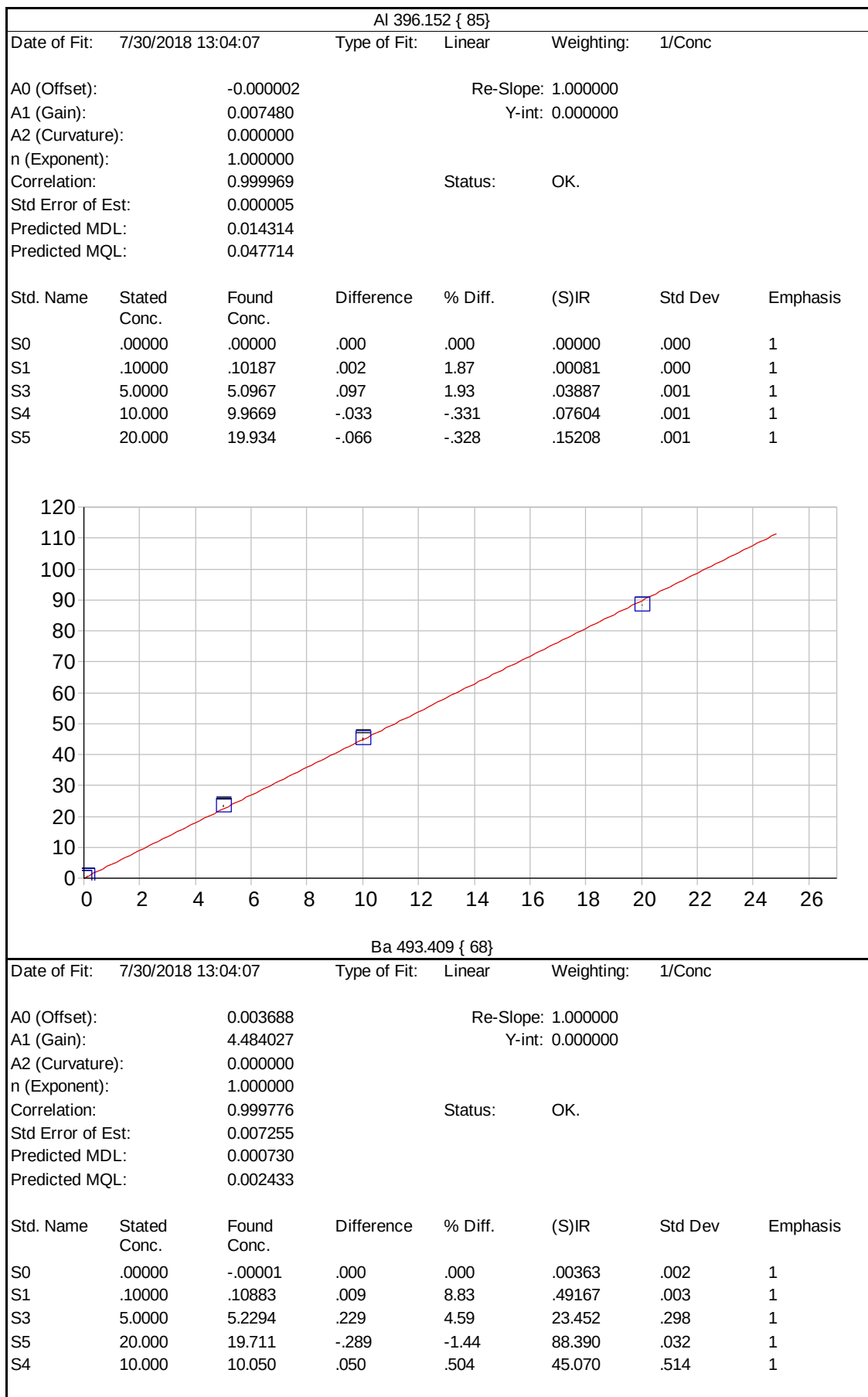
A0 (Offset): 0.000528 Re-Slope: 1.000000
 A1 (Gain): 0.025783 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.004185
 Predicted MQL: 0.013951

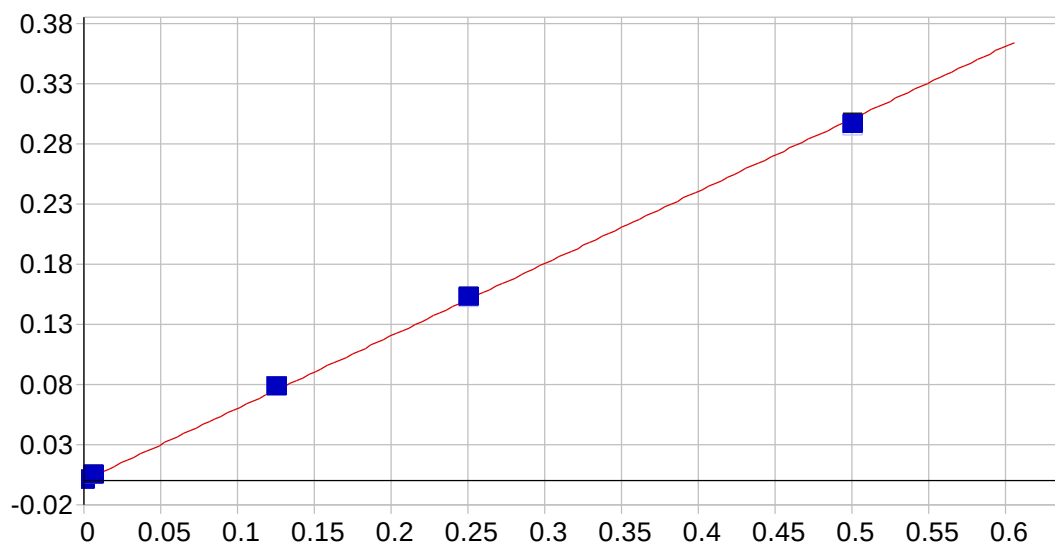
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00053	.000	1
S1	.10000	.10661	.007	6.61	.00346	.000	1
S3	5.0000	5.1204	.120	2.41	.13511	.000	1
S4	10.000	10.020	.020	.196	.26399	.000	1
S5	20.000	19.853	-.147	-.735	.52266	.002	1



AI 309.271 {109}							
Date of Fit: 7/30/2018 13:04:07		Type of Fit: Linear		Weighting: 1/Conc			
A0 (Offset):		-0.000335		Re-Slope: 1.000000			
A1 (Gain):		0.002608		Y-int: 0.000000			
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.999956		Status: OK.			
Std Error of Est:		0.000002					
Predicted MDL:		0.028298					
Predicted MQL:		0.094326					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00033	.000	1
S1	.10000	.10642	.006	6.42	-.00004	.000	1
S3	5.0000	5.1010	.101	2.02	.01323	.000	1
S4	10.000	10.016	.016	.159	.02630	.000	1
S5	20.000	19.876	-.124	-.618	.05253	.001	1







Be 234.861 {144}

Date of Fit: 7/30/2018 13:04:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000012

Re-Slope: 1.000000

A1 (Gain): 0.601096

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999768

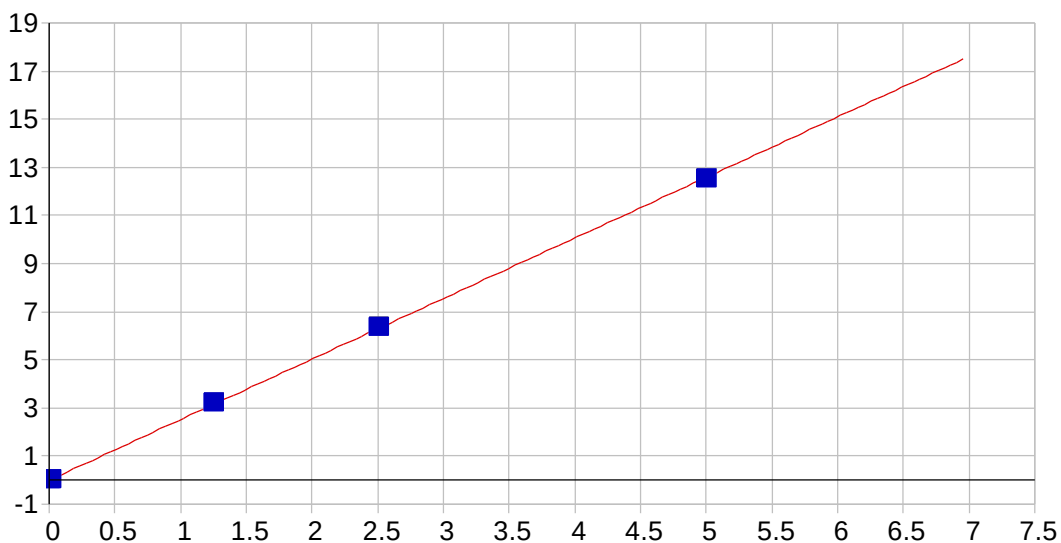
Status: OK.

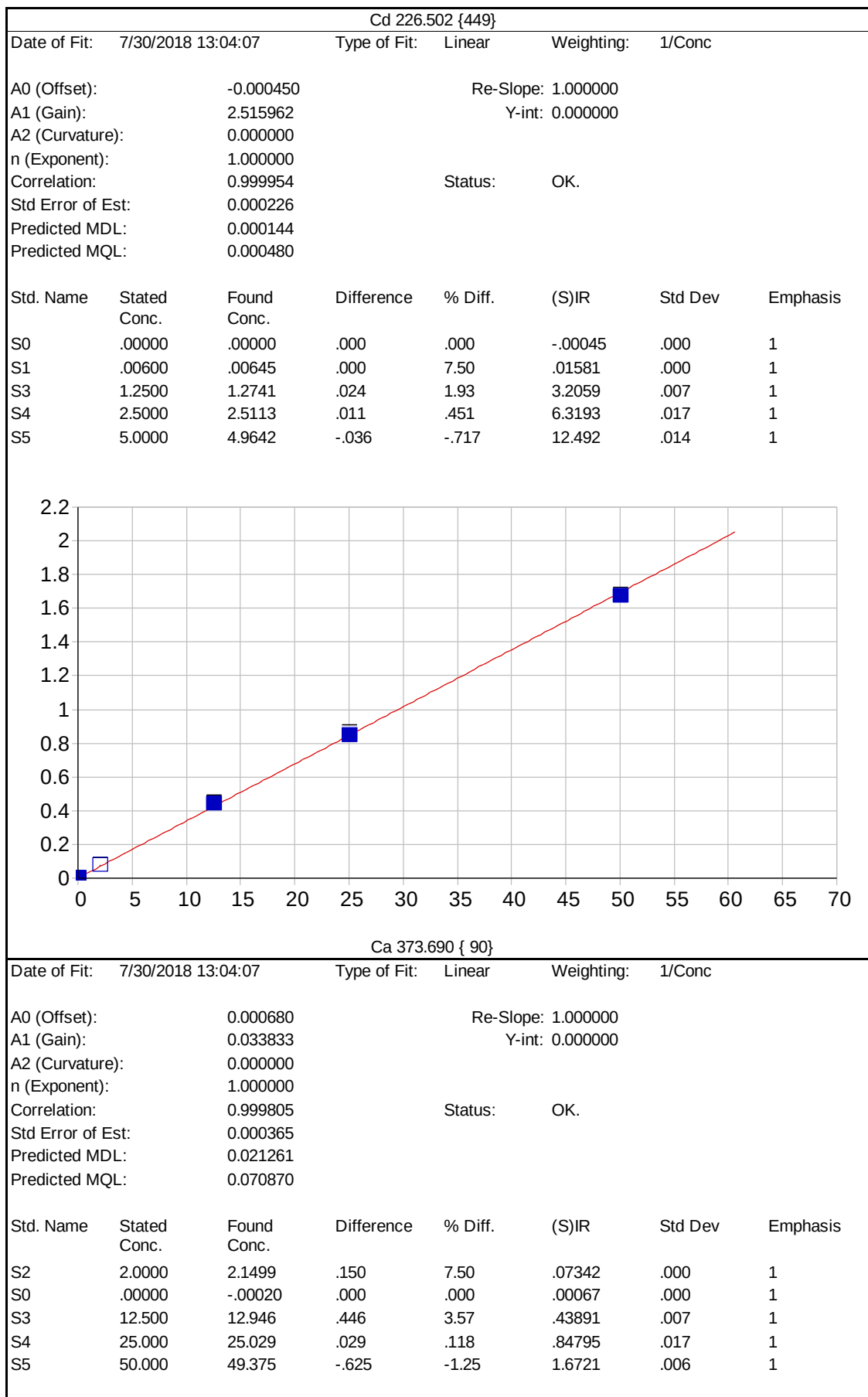
Std Error of Est: 0.000038

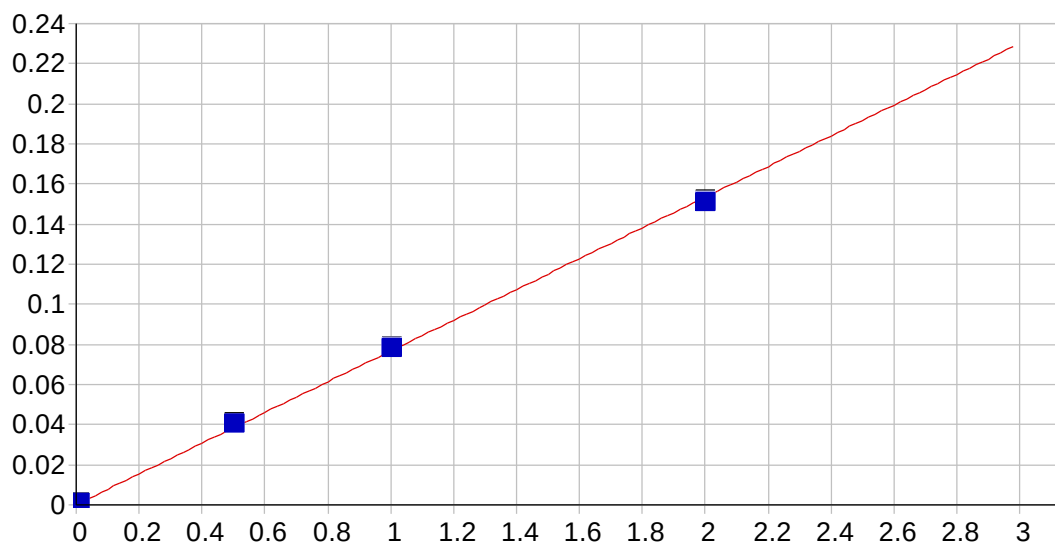
Predicted MDL: 0.000092

Predicted MQL: 0.000308

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.00600	.00657	.001	9.42	.00392	.000	1
S3	.12500	.13005	.005	4.04	.07771	.000	1
S4	.25000	.25231	.002	.924	.15073	.000	1
S5	.50000	.49208	-.008	-1.58	.29391	.001	1







Date of Fit: 7/30/2018 13:04:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000080

Re-Slope: 1.000000

A1 (Gain): 0.076670

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999705

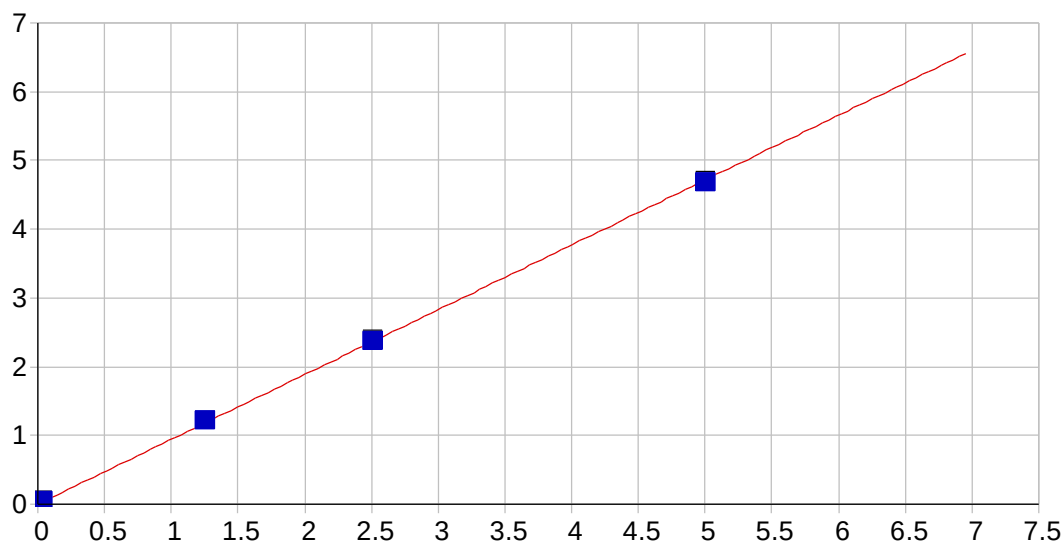
Status: OK.

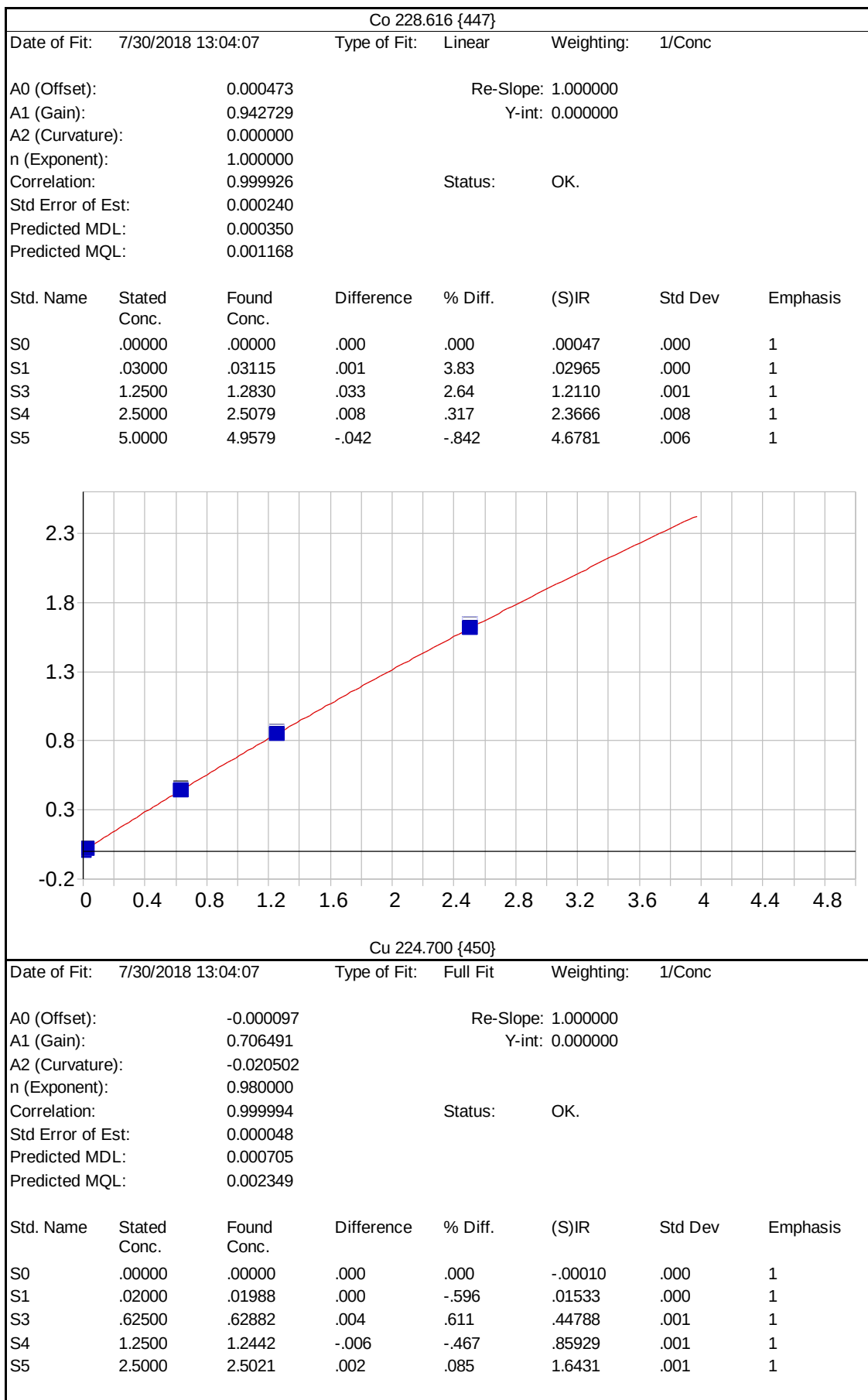
Std Error of Est: 0.000014

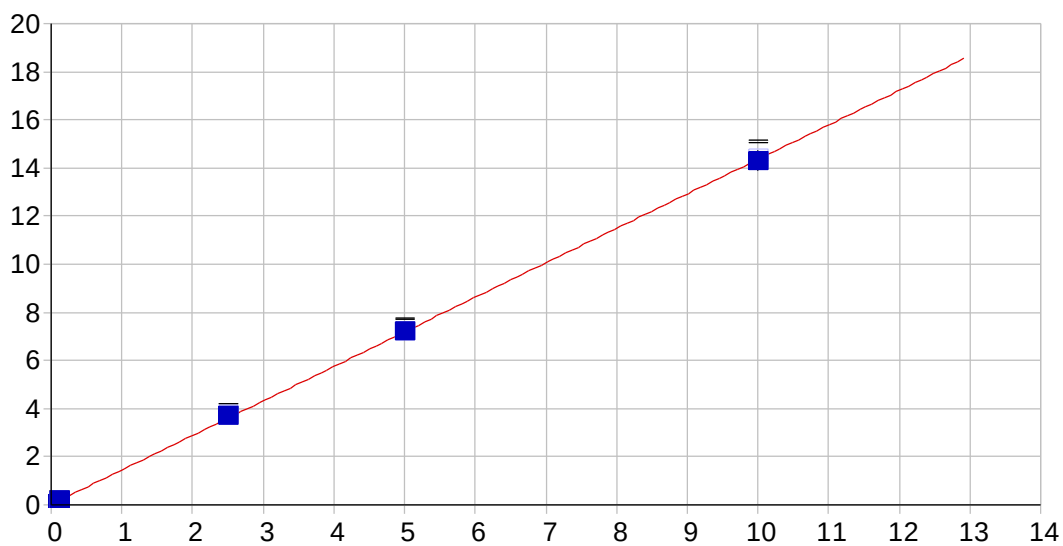
Predicted MDL: 0.000791

Predicted MQL: 0.002636

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.01000	.00990	.000	-1.03	.00084	.000	1
S3	.50000	.52338	.023	4.68	.04049	.000	1
S4	1.0000	1.0157	.016	1.57	.07851	.000	1
S5	2.0000	1.9610	-.039	-1.95	.15155	.000	1







Fe 240.488 {140}

Date of Fit: 7/30/2018 13:04:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.013578

Re-Slope: 1.000000

A1 (Gain): 1.434473

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999924

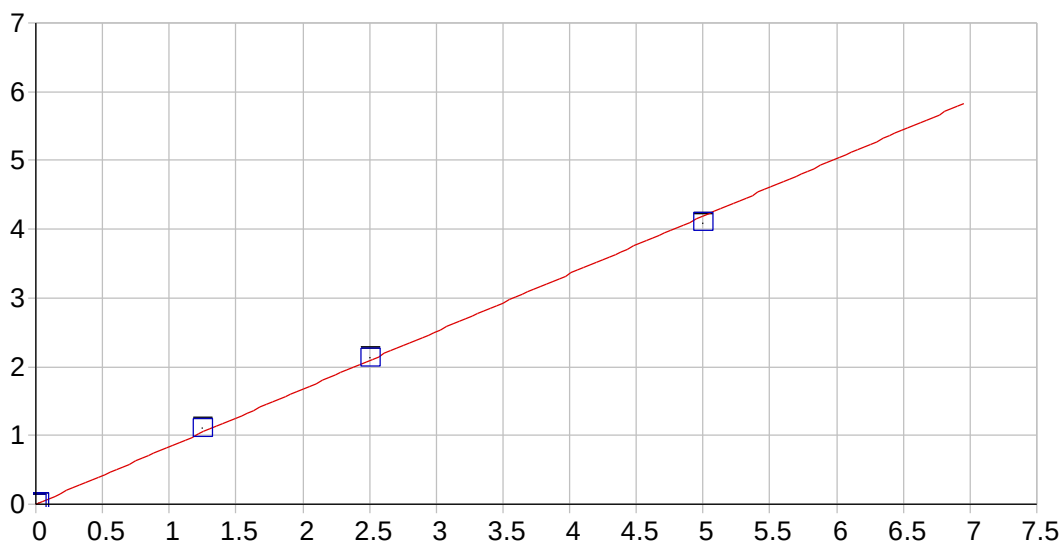
Status: OK.

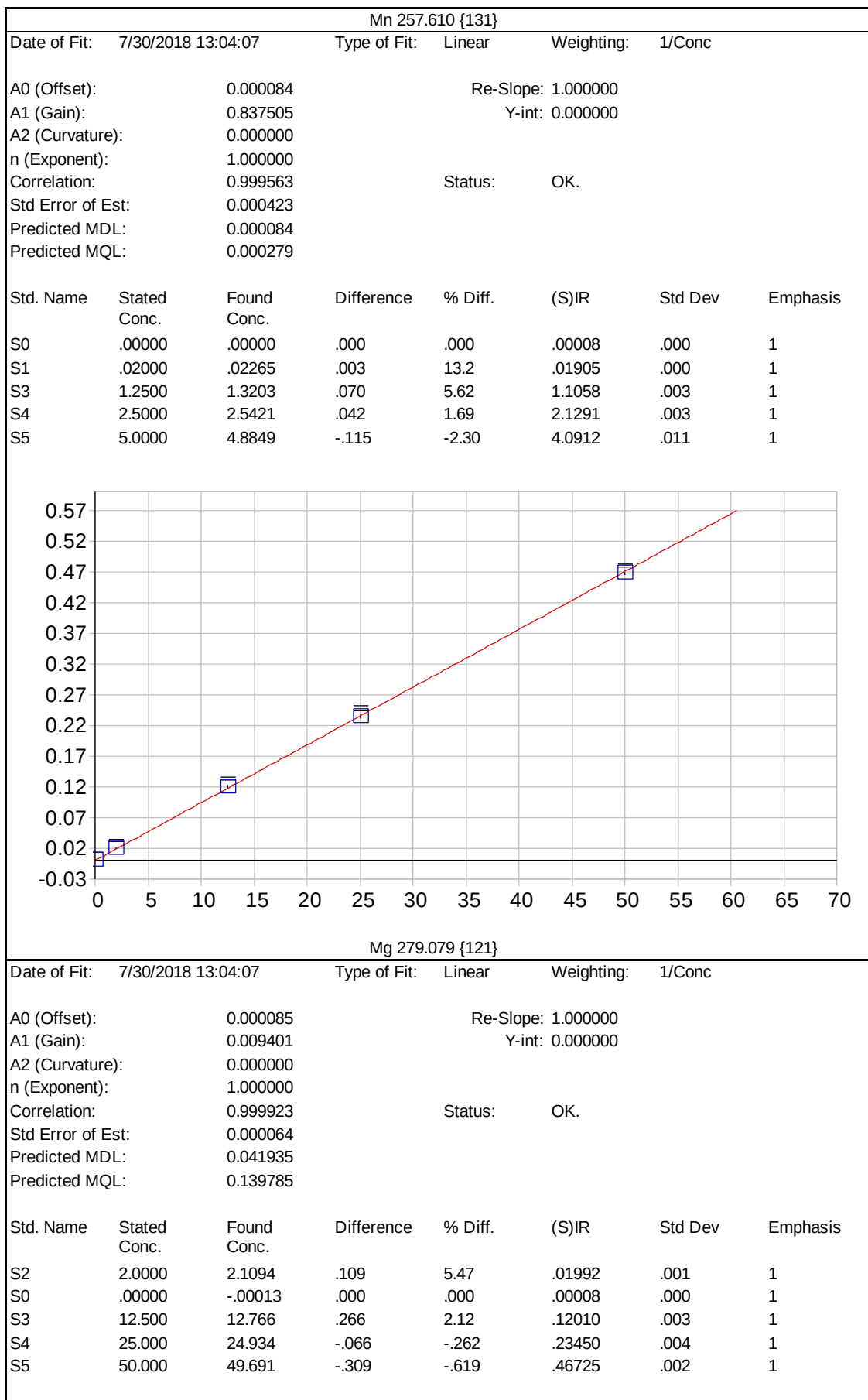
Std Error of Est: 0.000965

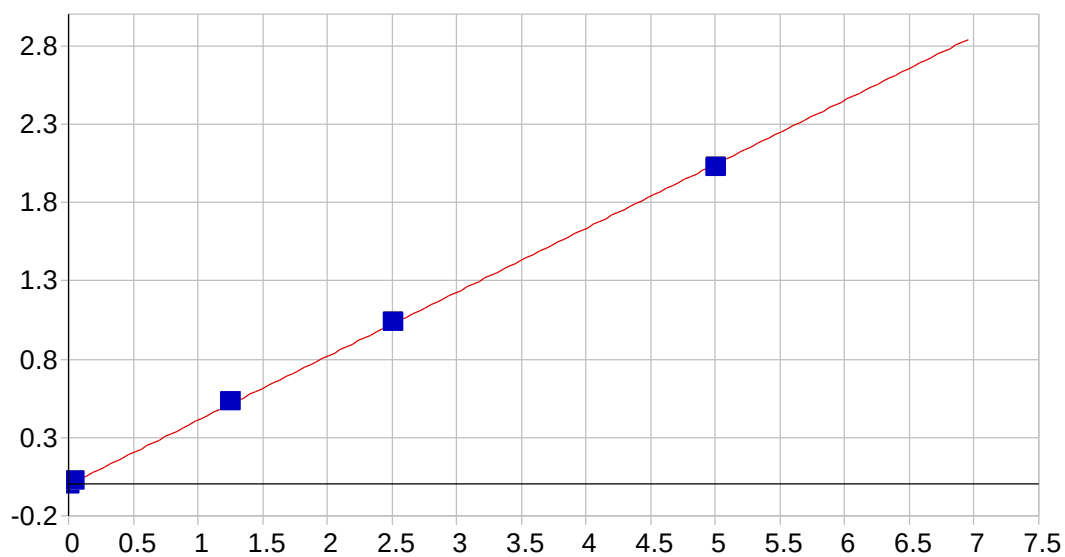
Predicted MDL: 0.010183

Predicted MQL: 0.033945

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.01356	.012	1
S1	.10000	.10807	.008	8.07	.16930	.005	1
S3	2.5000	2.5645	.065	2.58	3.7103	.093	1
S4	5.0000	4.9889	-.011	-.223	7.2060	.122	1
S5	10.000	9.9386	-.061	-.614	14.342	.368	1







Ni 231.604 {445}

Date of Fit: 7/30/2018 13:04:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000363

Re-Slope: 1.000000

A1 (Gain): 0.408553

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999887

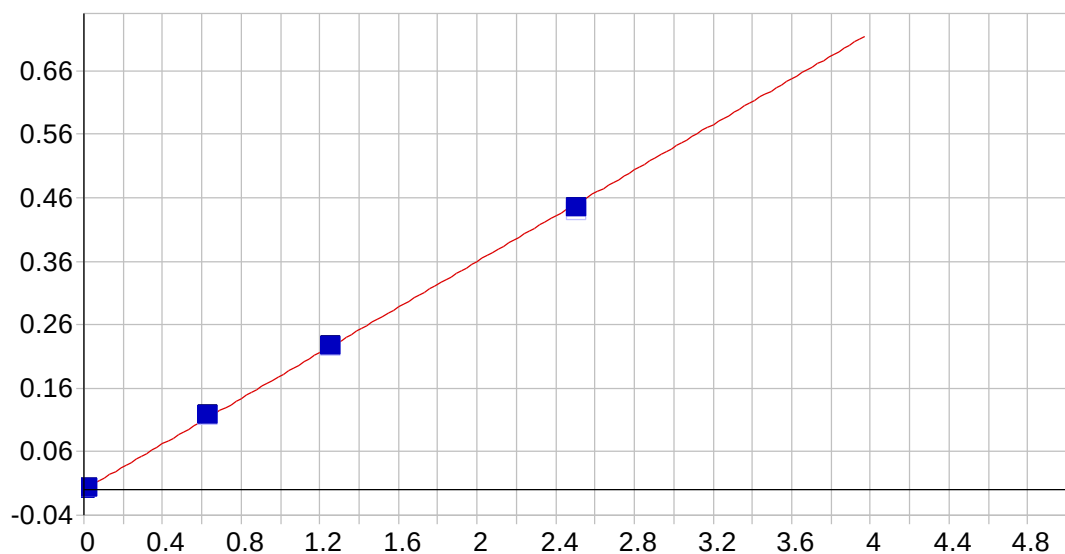
Status: OK.

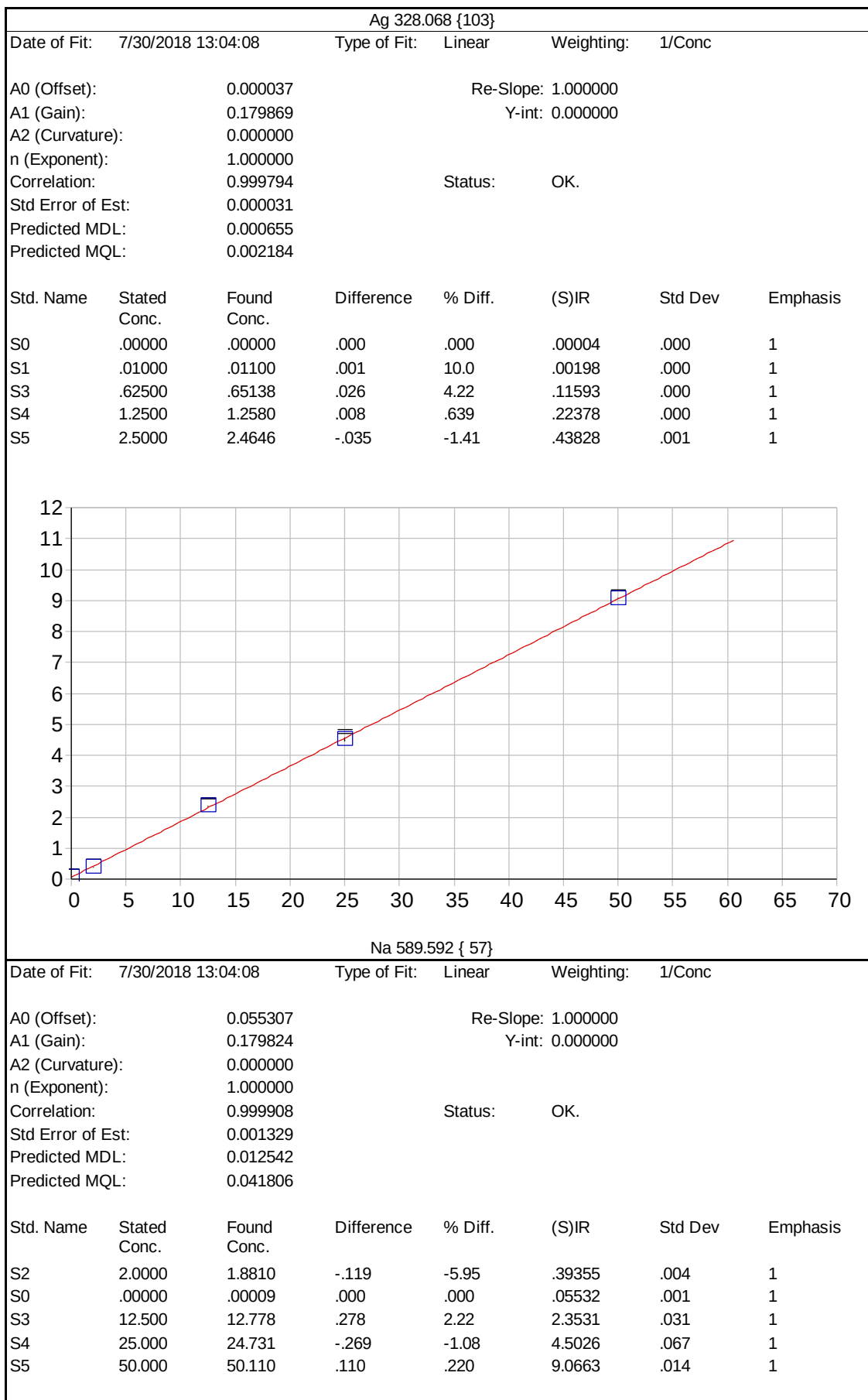
Std Error of Est: 0.000149

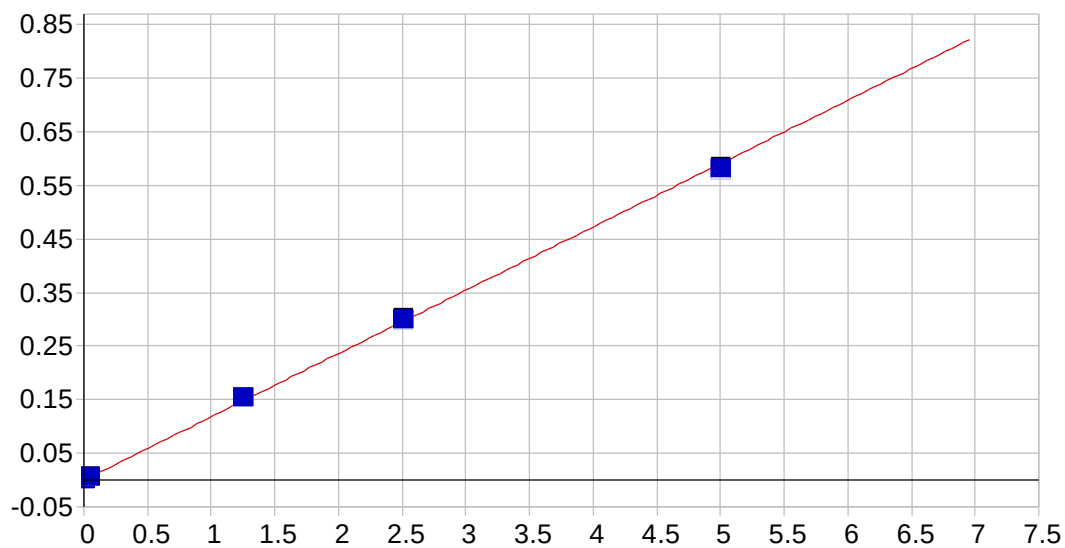
Predicted MDL: 0.000702

Predicted MQL: 0.002340

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.04000	.04178	.002	4.46	.01672	.000	1
S3	1.2500	1.2870	.037	2.96	.52601	.001	1
S4	2.5000	2.5191	.019	.763	1.0299	.001	1
S5	5.0000	4.9421	-.058	-1.16	2.0210	.000	1







V 292.402 {115}

Date of Fit: 7/30/2018 13:04:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000088

Re-Slope: 1.000000

A1 (Gain): 0.118196

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999762

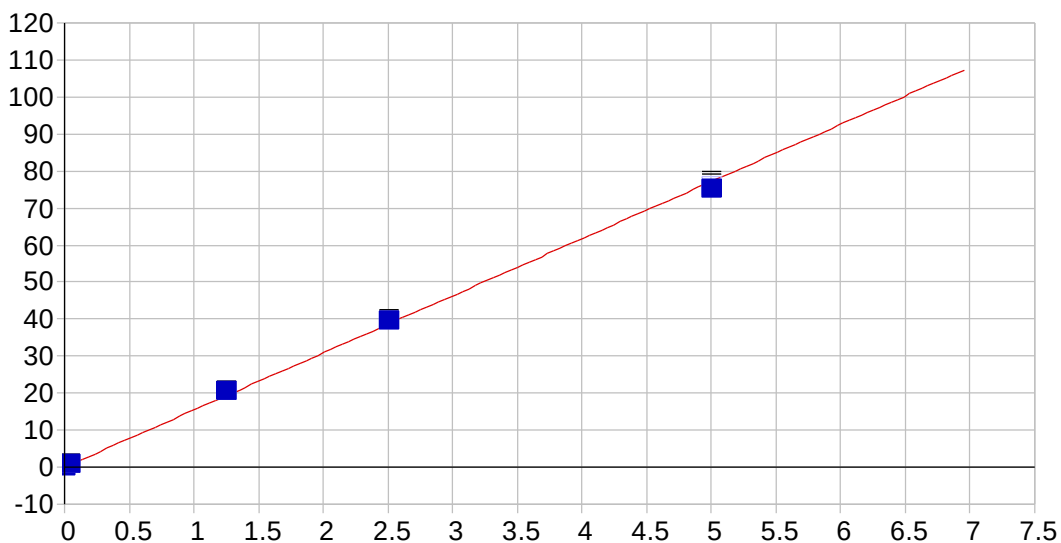
Status: OK.

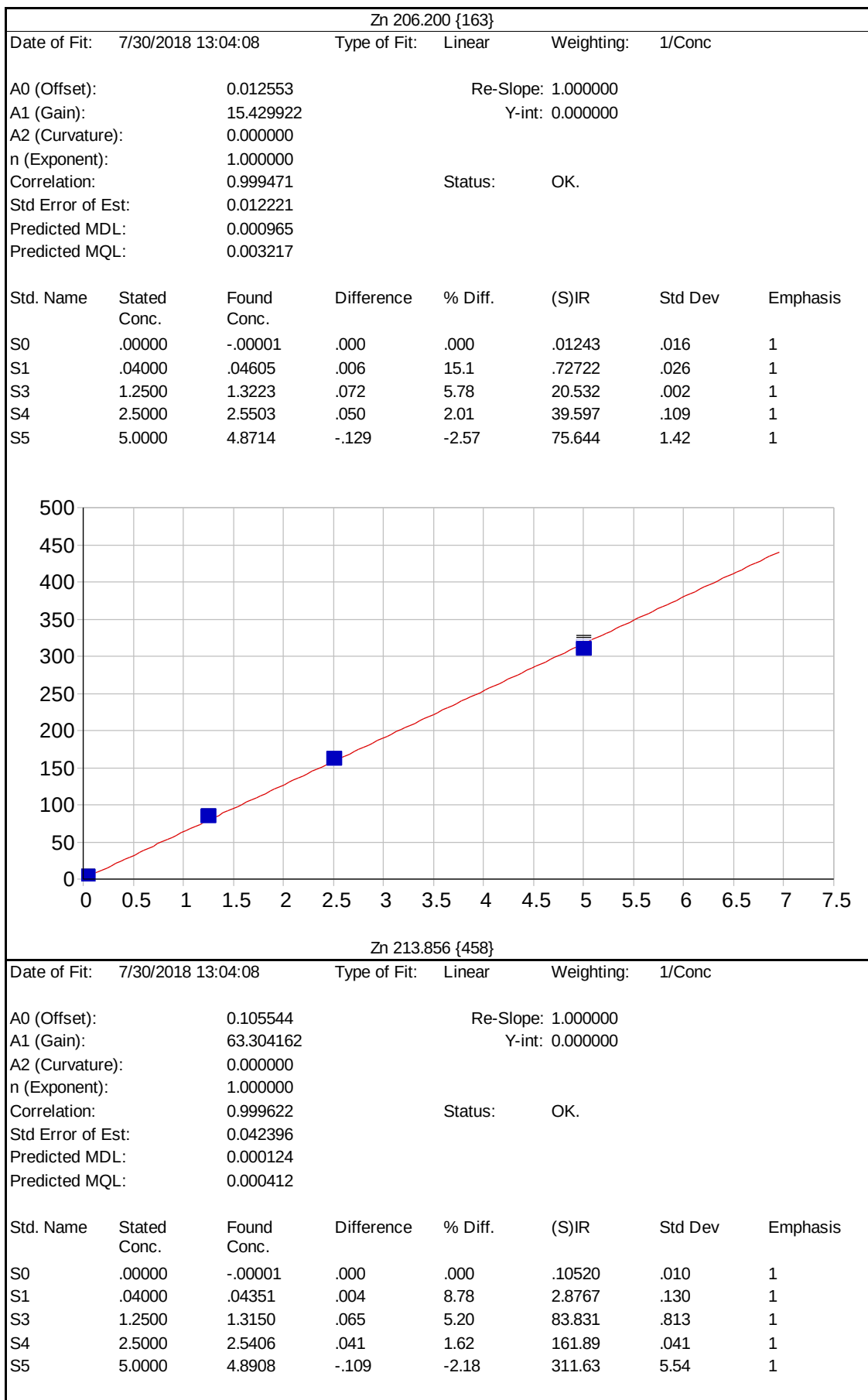
Std Error of Est: 0.000062

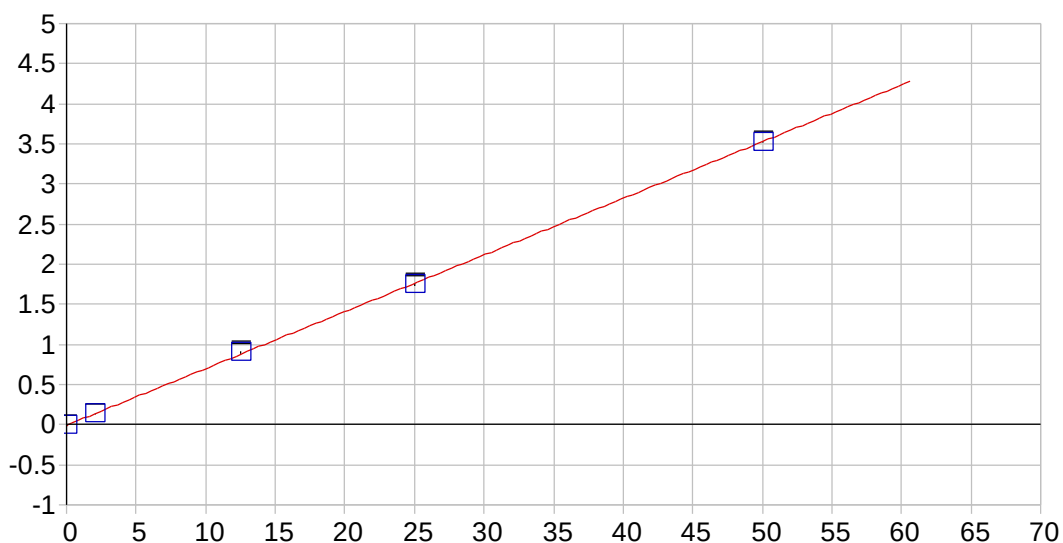
Predicted MDL: 0.000697

Predicted MQL: 0.002323

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.04000	.04230	.002	5.75	.00484	.000	1
S3	1.2500	1.3021	.052	4.17	.15285	.000	1
S4	2.5000	2.5309	.031	1.24	.29712	.001	1
S5	5.0000	4.9148	-.085	-1.70	.57696	.003	1





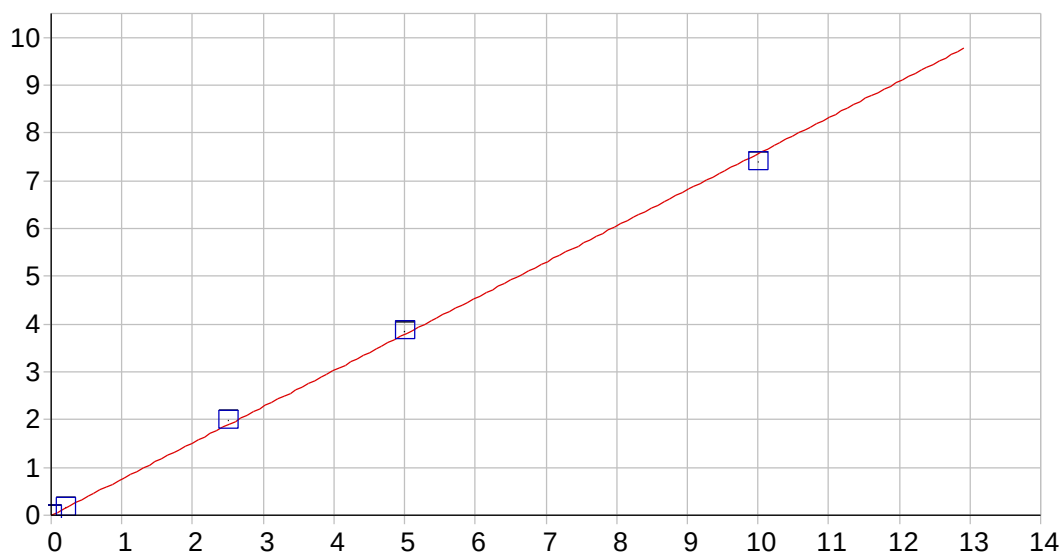


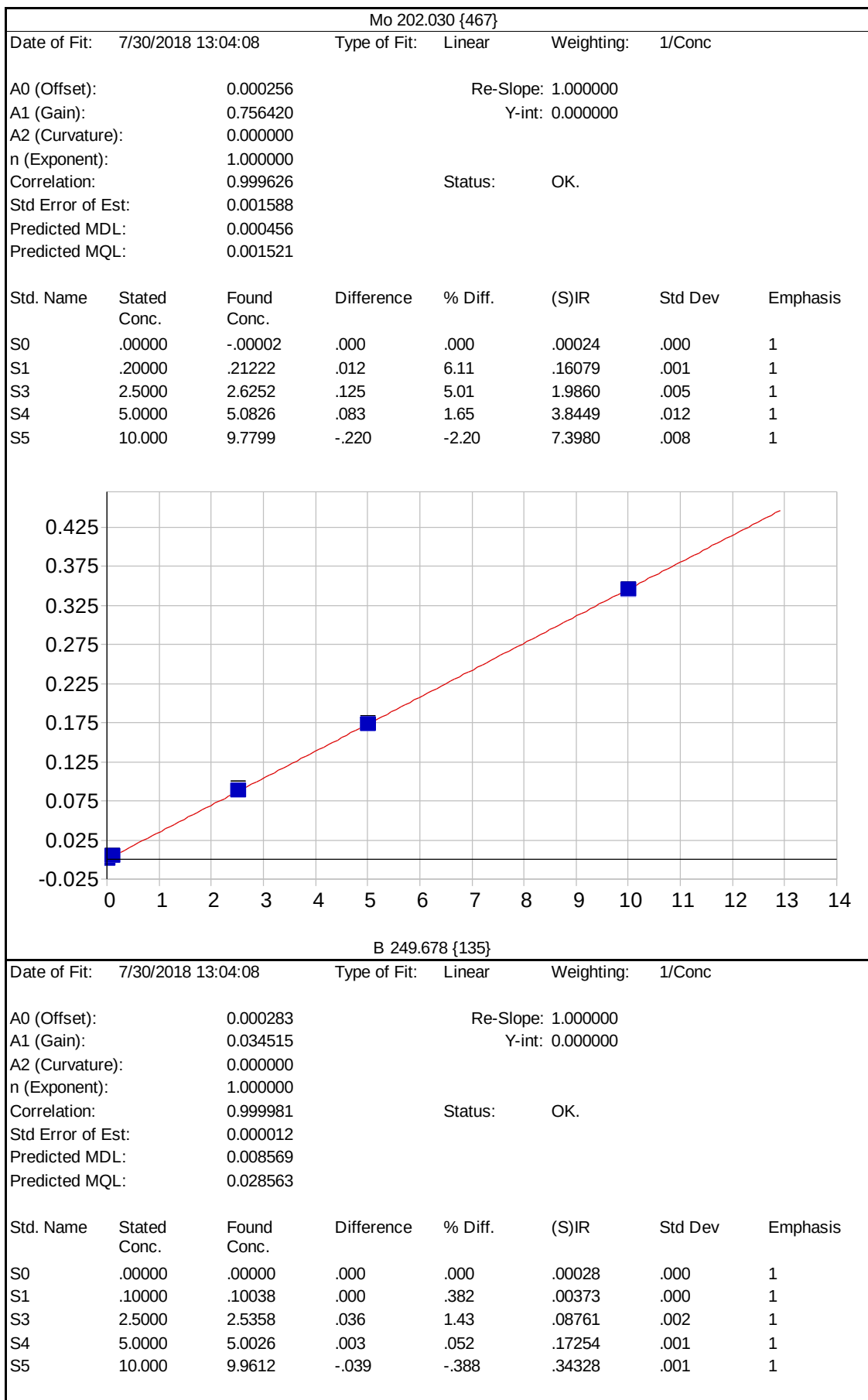
K 766.490 { 44}

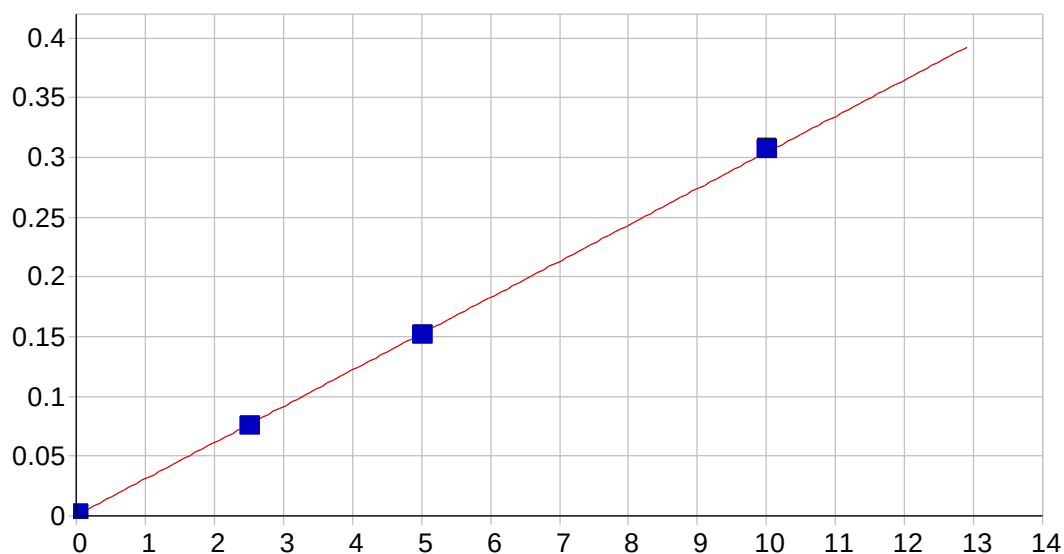
Date of Fit: 7/30/2018 13:04:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006598 Re-Slope: 1.000000
 A1 (Gain): 0.070693 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000389
 Predicted MDL: 0.040422
 Predicted MQL: 0.134739

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0606	.061	3.03	.13907	.001	1
S0	.00000	-.00008	.000	.000	-.00660	.001	1
S3	12.500	12.755	.255	2.04	.89508	.012	1
S4	25.000	24.782	-.218	-.870	1.7453	.022	1
S5	50.000	49.902	-.098	-.196	3.5211	.010	1







S 182.034 {485}

Date of Fit: 7/30/2018 13:04:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000554

Re-Slope: 1.000000

A1 (Gain): 0.030366

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999920

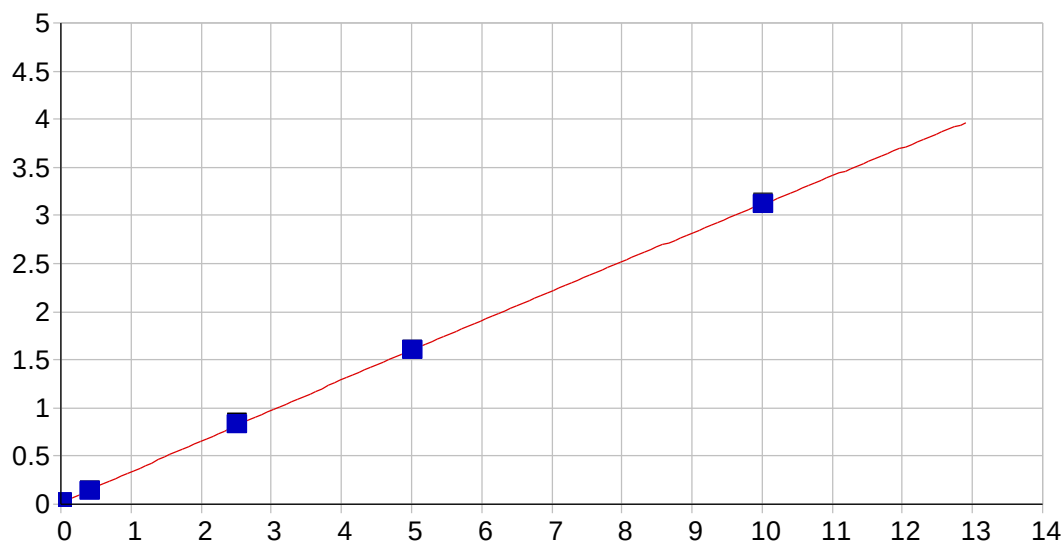
Status: OK.

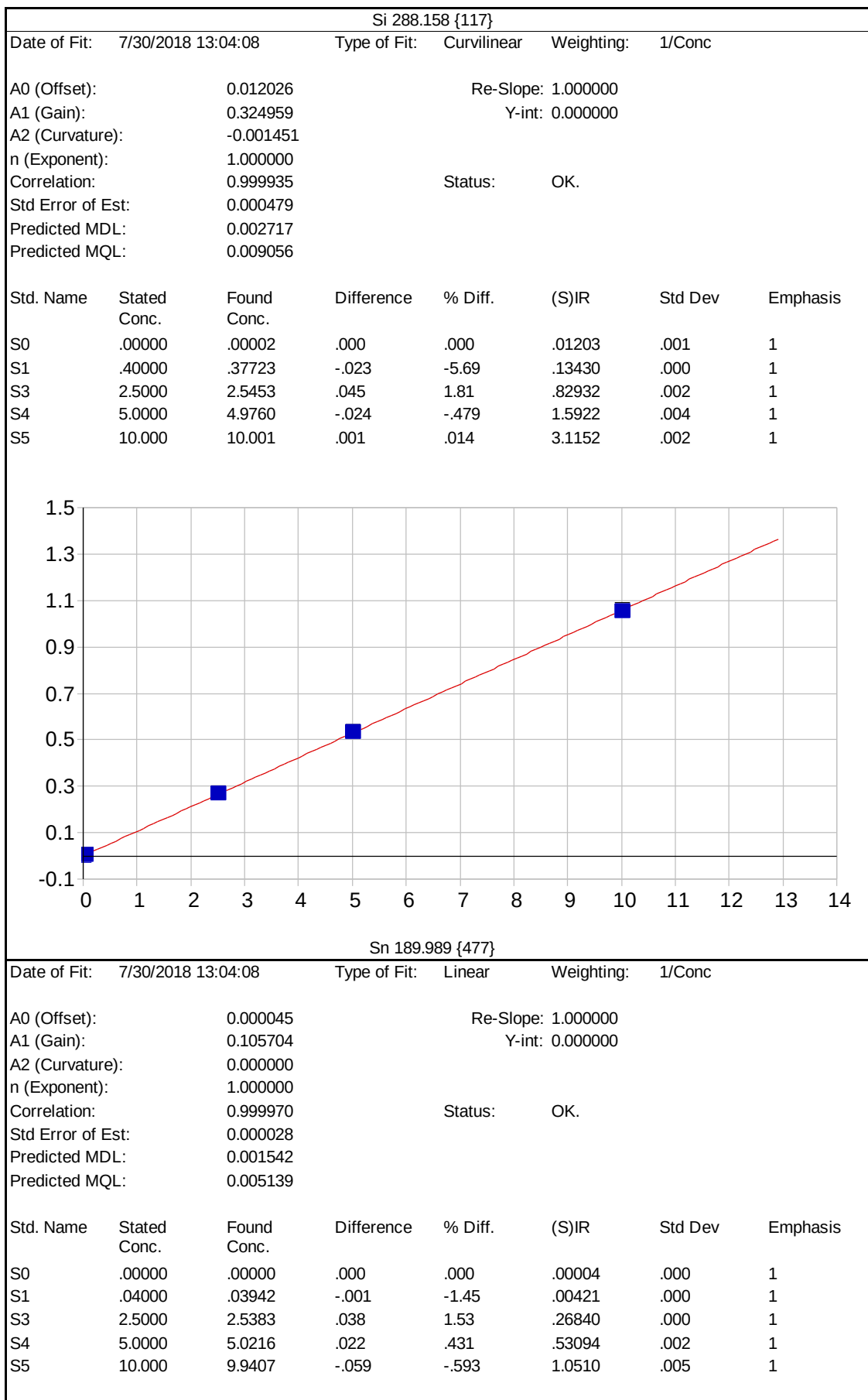
Std Error of Est: 0.000009

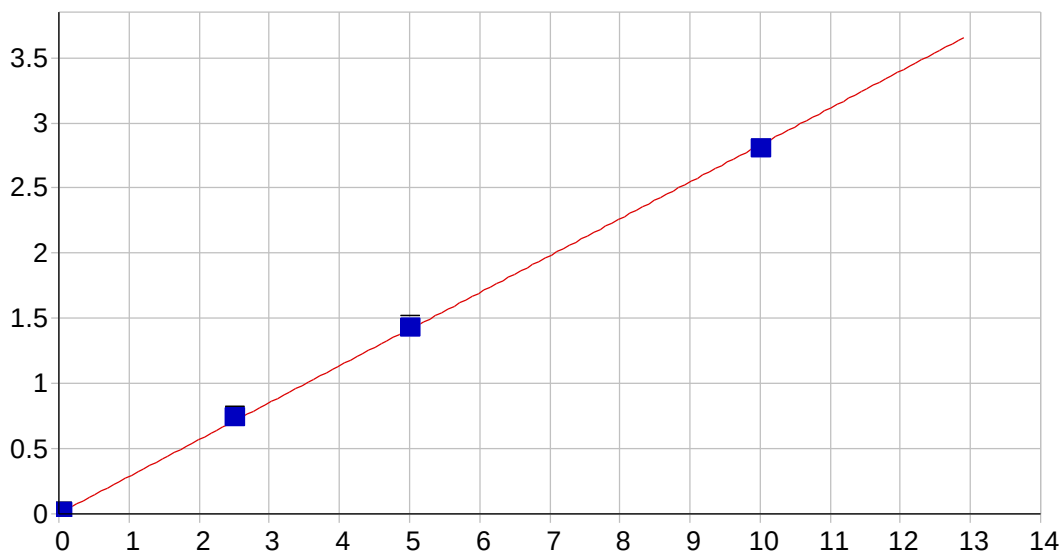
Predicted MDL: 0.005372

Predicted MQL: 0.017907

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00055	.000	1
S1	.02000	.01521	-.005	-23.9	.00100	.000	1
S3	2.5000	2.4621	-.038	-1.52	.07523	.000	1
S4	5.0000	4.9580	-.042	-.840	.15094	.000	1
S5	10.000	10.085	.085	.845	.30644	.000	1







Ti 336.121 {100}

Date of Fit: 7/30/2018 13:04:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002905

Re-Slope: 1.000000

A1 (Gain): 0.282740

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999868

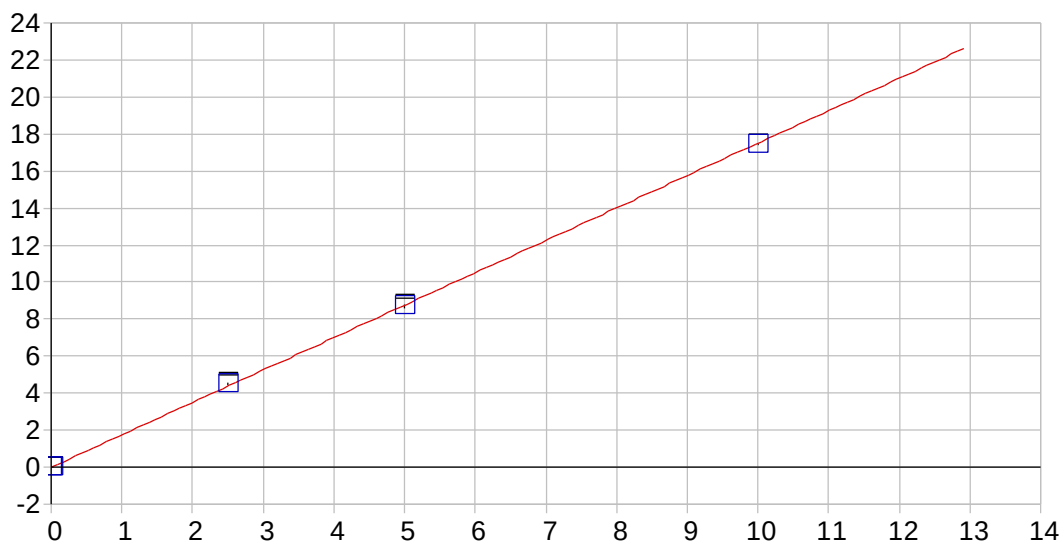
Status: OK.

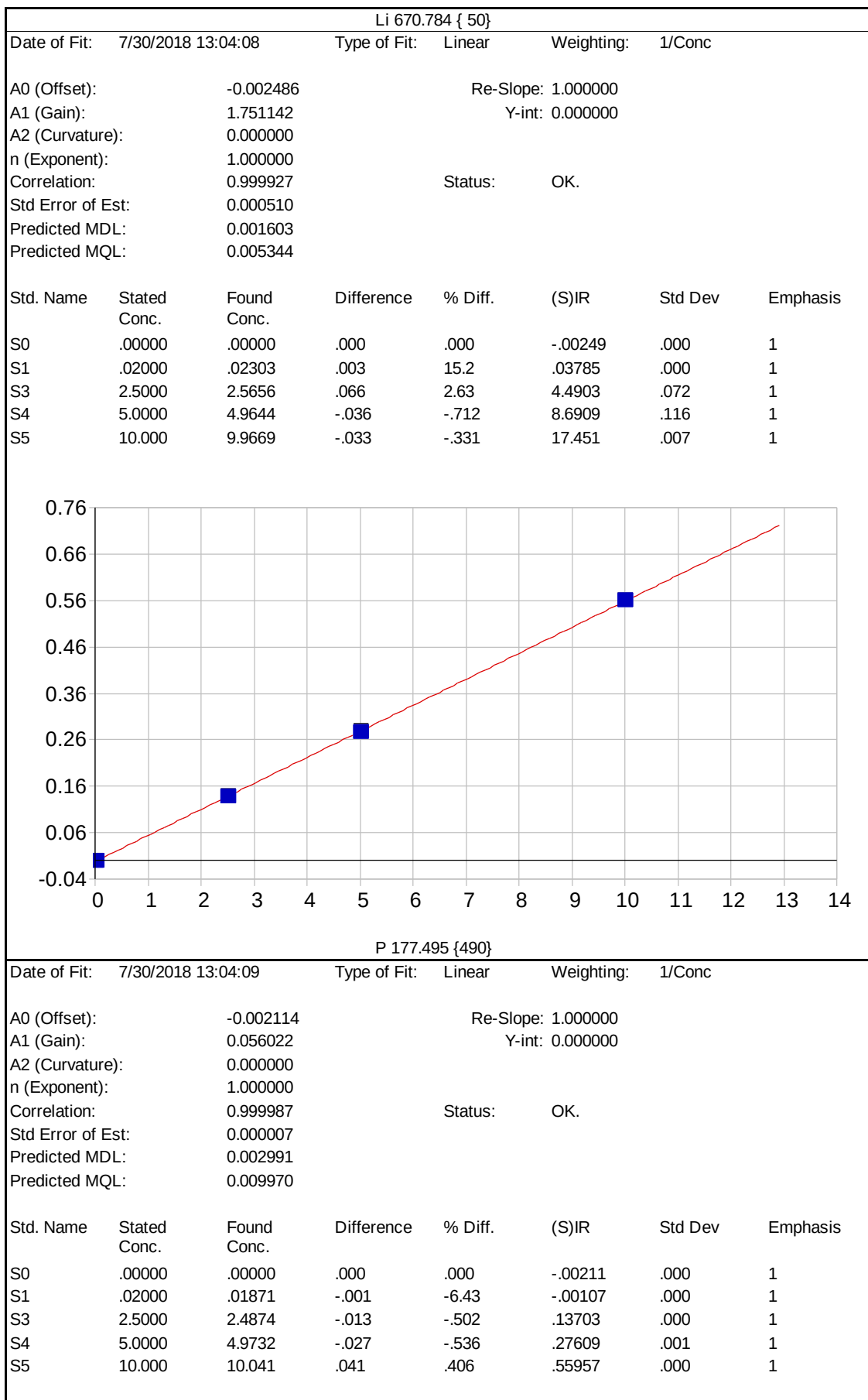
Std Error of Est: 0.000157

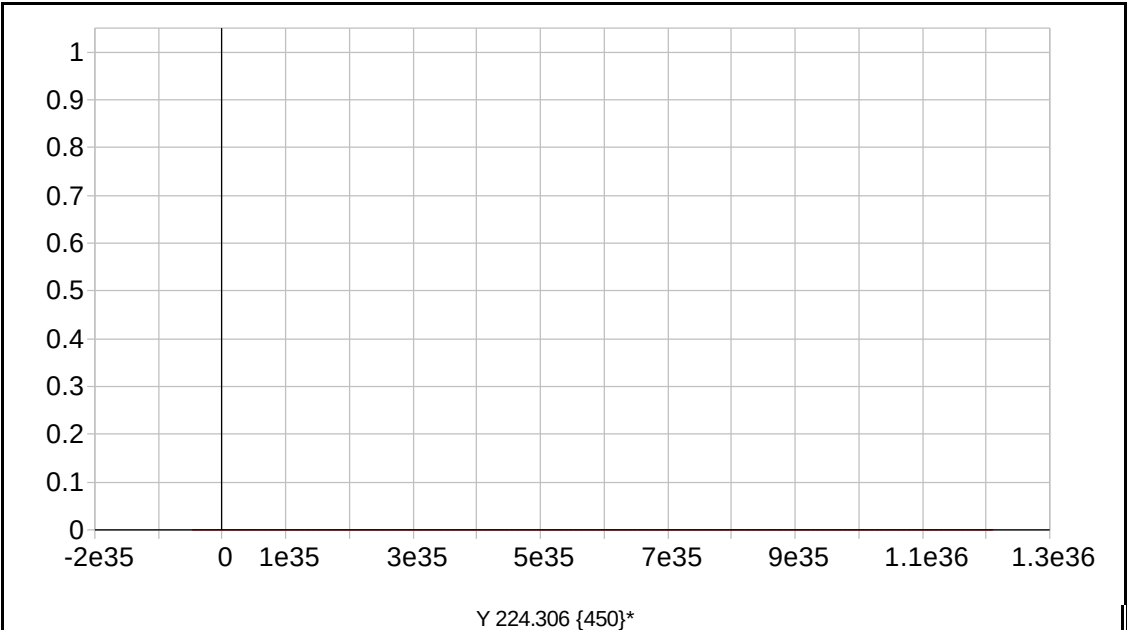
Predicted MDL: 0.002009

Predicted MQL: 0.006697

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00290	.000	1
S1	.04000	.04043	.000	1.08	.01433	.000	1
S3	2.5000	2.5937	.094	3.75	.73616	.008	1
S4	5.0000	5.0099	.010	.198	1.4192	.021	1
S5	10.000	9.8959	-.104	-1.04	2.8005	.003	1

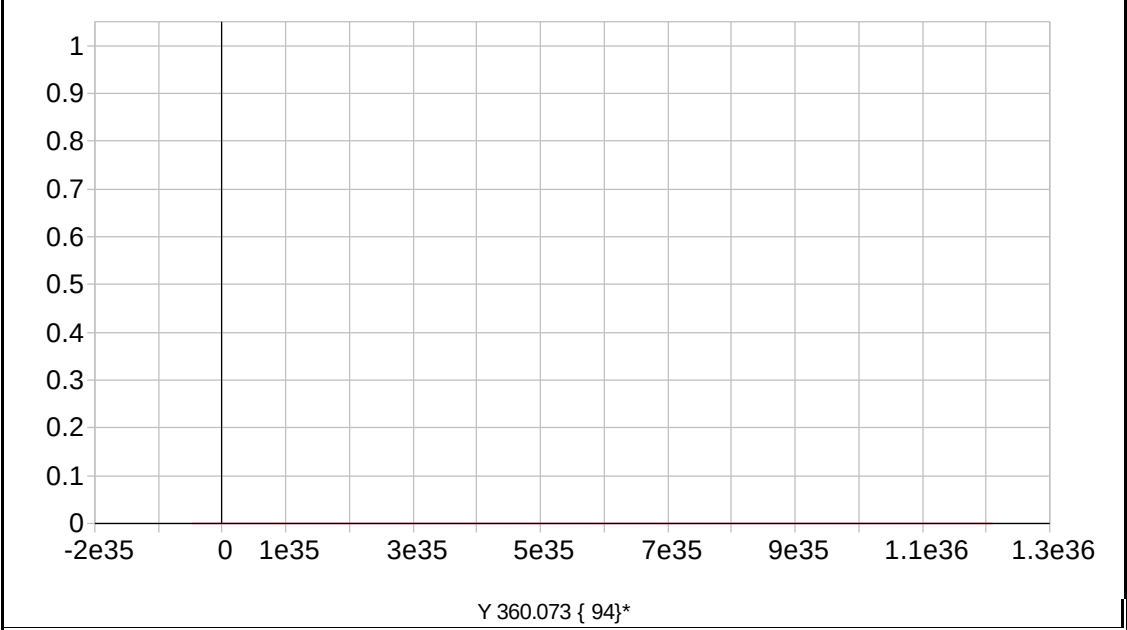






Y 224.306 {450}*
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted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

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

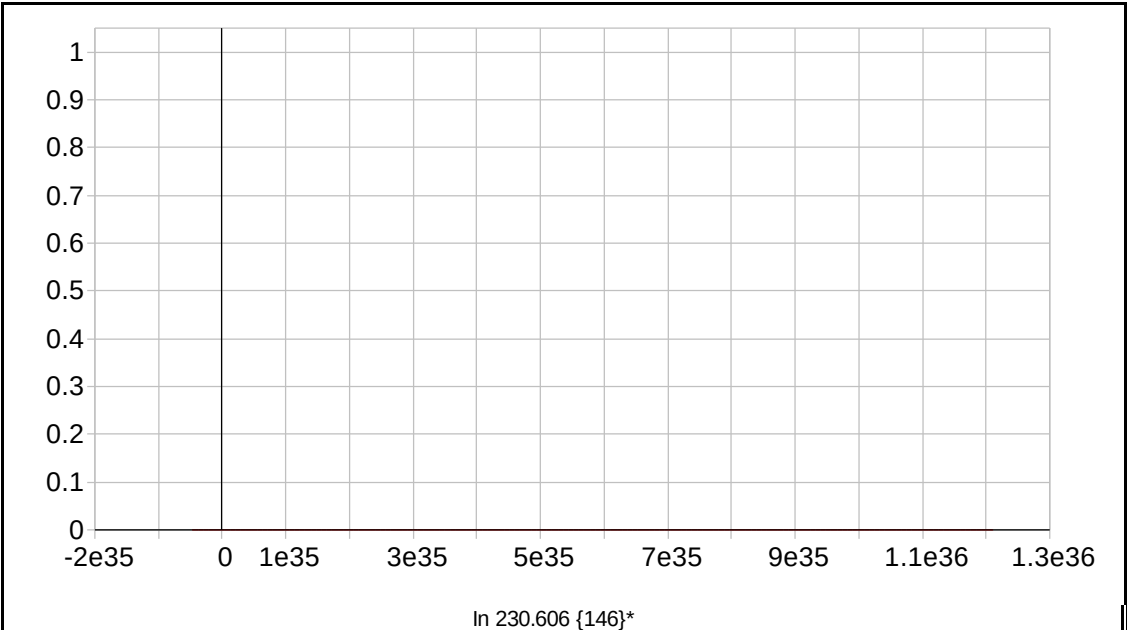
Status: Warning Zero Gain

$$Y\ 371.030\ \{91\}^*$$

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
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

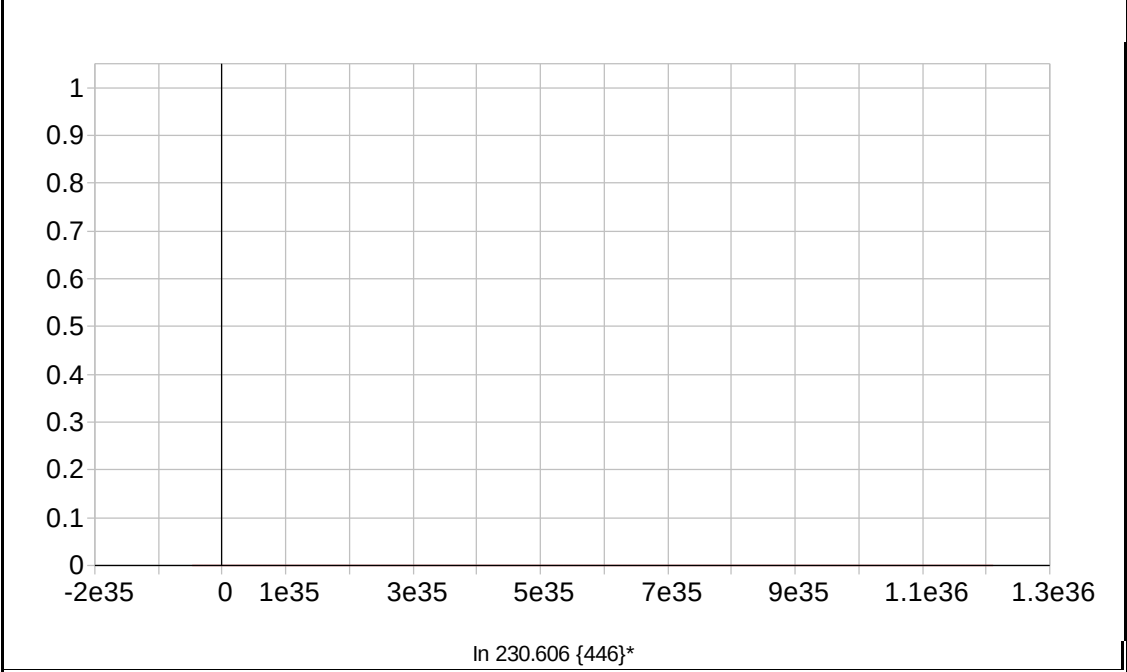
Status: Warning Zero Gain

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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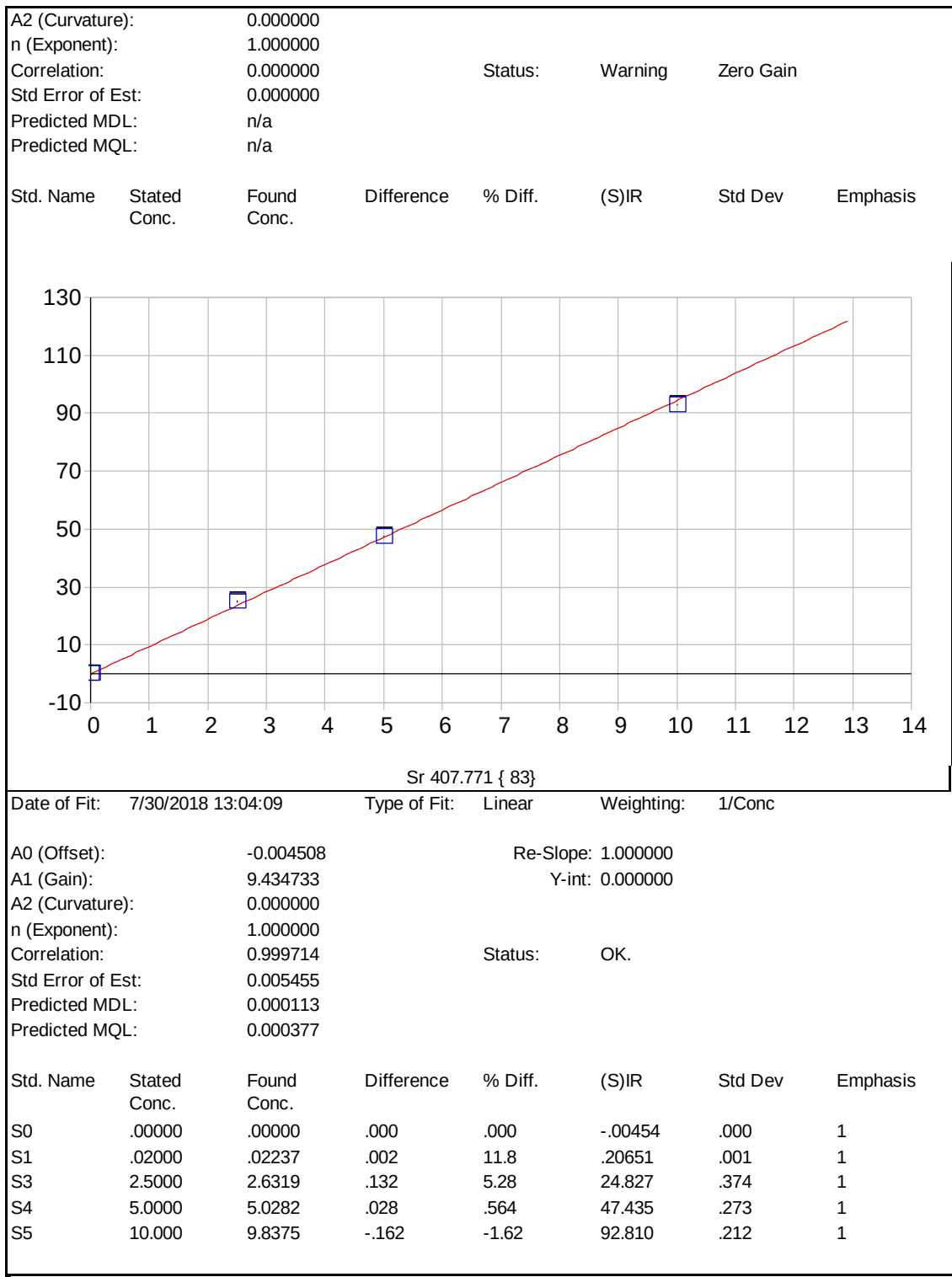


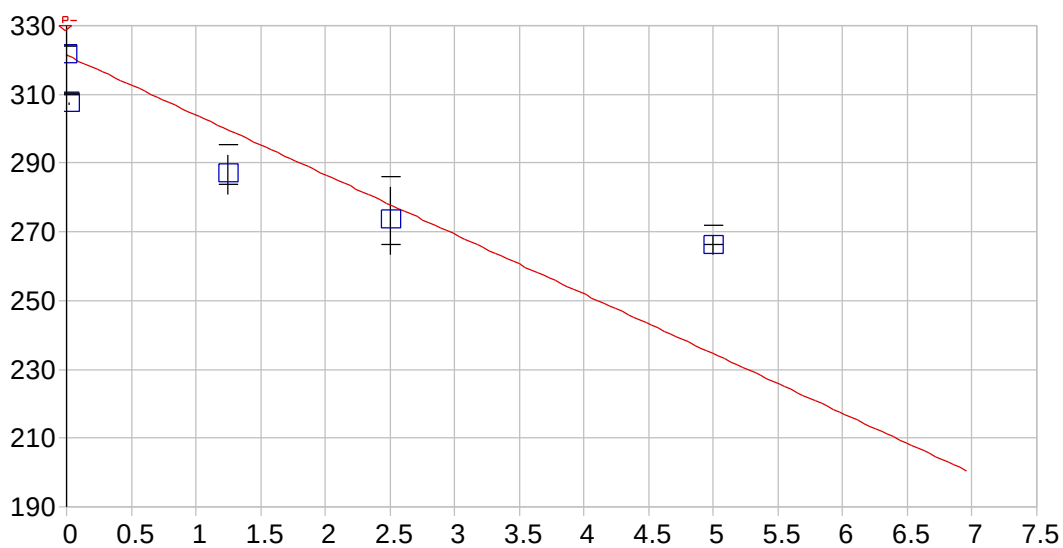
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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



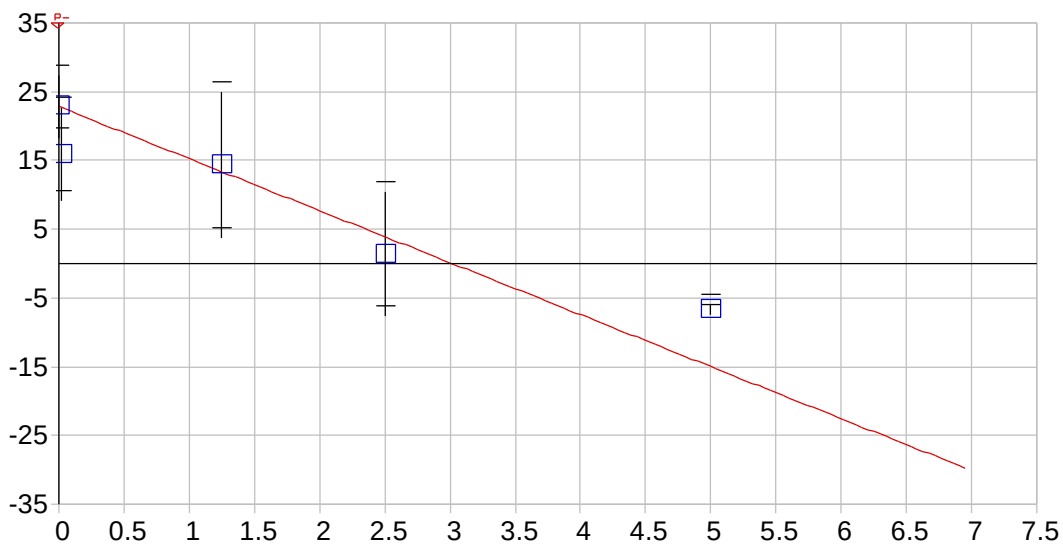


U 367.007 { 92}

Date of Fit: 7/30/2018 13:04:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 321.371902 Re-Slope: 1.000000
 A1 (Gain): -17.367756 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.459550 Status: Warning Negative Gain
 Std Error of Est: 0.573597
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00080	-.001	.000	321.39	.186	1
S1	.02000	.81482	.795	3970.	307.22	.415	1
S3	1.2500	2.0005	.750	60.0	286.63	5.86	1
S4	2.5000	2.7686	.269	10.7	273.29	9.79	1
S5	5.0000	3.1861	-1.81	-36.3	266.04	2.84	1



U 385.958 { 87}							
Date of Fit:		7/30/2018 13:04:09		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):		22.815448		Re-Slope: 1.000000			
A1 (Gain):		-7.560876		Y-int: 0.000000			
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.422281		Status:	Warning	Negative Gain	
Std Error of Est:		0.277351					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00089	-.001	.000	22.822	4.55	1
S1	.02000	.91520	.895	4480.	15.896	6.79	1
S3	1.2500	1.1154	-.135	-10.8	14.382	10.6	1
S4	2.5000	2.8361	.336	13.4	1.3723	9.08	1
S5	5.0000	3.9033	-1.10	-21.9	-6.6972	.705	1

Sample Name: S0 Acquired: 7/30/2018 12:40:15 Type: Cal

Method: P4-ICP2(v2328) Mode: IR Corr. Factor: 1.000000

User: JASWAL/BINHE 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	.00002	.00001	.00013	.00021	.00060	.00000	.00363	.00001
Stddev	.00001	.00006	.00040	.00012	.00003	.0000	.00173	.00002
%RSD	62.643	752.73	309.96	56.362	4.3981	1241.6	47.762	165.83

#1	-.00001	-.00005	-.00015	.00029	.00062	-.00002	.00241	.00002
#2	-.00003	.00004	.00041	.00012	.00058	.00002	.00486	.00000

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	.00045	.00067	.00008	.00047	.00010	.01356	.00008	.00008
Stddev	.00013	.00027	.00002	.00003	.00044	.01162	.00002	.00015
%RSD	28.971	40.418	19.108	6.9679	455.57	85.704	23.303	176.92

#1	-.00036	.00048	.00007	.00049	-.00041	.00534	.00009	.00019
#2	-.00054	.00087	.00009	.00045	.00022	.02178	.00007	-.00002

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	.00036	.00004	.05532	.00009	.10520	.00660	.00024	.00028
Stddev	.00001	.00013	.00108	.00006	.00974	.00078	.00021	.00038
%RSD	3.6257	367.00	1.9527	71.369	9.2572	11.886	88.453	133.32

#1	-.00036	-.00006	.05456	-.00013	.11209	-.00716	.00009	.00002
#2	-.00037	.00013	.05609	-.00004	.09832	-.00605	.00039	.00055

Elem	S_ 1820	Si2881	Sn1899	Ti3361	Li6707	P_ 1774	Sr4077	U_ 3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00055	.01203	.00004	.00290	.00249	.0021	.00454	.321.39
Stddev	.00003	.00089	.00011	.00007	.00027	.0000	.00021	.19
%RSD	6.2634	7.3574	251.28	2.4488	10.959	.3902	4.6754	.05801

#1	.00053	.01266	.00012	.00285	-.00269	-.0021	-.00469	.321.52
#2	.00058	.01141	-.00003	.00295	-.00230	-.0021	-.00439	.321.25

Sample Name: S0 Acquired: 7/30/2018 12:40:15 Type: Cal
Method: P4-ICP2(v2328) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_ 3859
Units	Cts/S
Avg	22.822
Stddev	4.547
%RSD	19.924

#1	19.607
#2	26.038

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1759.3	51664.	5147.4	39.841	2815.9
Stddev	7.5	246.	21.1	.456	3.6
%RSD	.42729	.47696	.41031	.50801	.12624

#1	1753.9	51489.	5132.4	90.164	2813.4
#2	1764.6	51838.	5162.3	89.518	2818.4

Sample Name: S1 Acquired: 7/30/2018 12:44:21 Type: Cal
Method: P4-ICP2(v2328) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00156	.00321	.00255	.00155	.00962	.00081	.49167	.00392	.01581
Stddev	.00001	.00011	.00012	.00007	.00011	.00004	.00328	.00004	.00014
%RSD	.63726	3.4903	4.6410	4.3913	1.1757	4.7572	.66739	.97116	.90254

#1	.00156	.00313	.00246	.00160	.00954	.00084	.48935	.00389	.01591
#2	.00155	.00329	.00263	.00150	.00970	.00078	.49399	.00395	.01571

Elem	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Ni2316	Ag3280	V_ 2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00084	.02965	.01533	.16930	.01905	.01672	.00198	.00484	.28767
Stddev	.00003	.00044	.00031	.00457	.00007	.00005	.00009	.00001	.1296
%RSD	3.1200	1.4696	2.0000	2.7007	.38504	.27383	4.7058	.18195	4.5070

#1	.00086	.02934	.01555	.16607	.01910	.01675	.00205	.00484	2.9684
#2	.00082	.02996	.01511	.17253	.01900	.01668	.00191	.00483	2.7850

Elem	Mo2020	B_ 2496	S_ 1820	Si2881	Sn1899	Ti3361	Li6707	P_ 1774	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.16079	.00373	.00100	.13430	.00421	.01433	.03785	.0011	.20651
Stddev	.00099	.00011	.00001	.00004	.00011	.00012	.00014	.0002	.00097
%RSD	.61396	3.0720	1.4743	.03236	2.6737	.85190	.38086	14.50	.46746

#1	.16148	.00365	.00099	.13433	.00413	.01424	.03774	-.0012	.20583
#2	.16009	.00381	.00101	.13427	.00429	.01442	.03795	-.0010	.20720

Elem	U_ 3670	U_ 3859
Units	Cts/S	Cts/S
Avg	307.22	15.896
Stddev	.41	6.788
%RSD	.13494	42.706

#1	307.51	20.696
#2	306.93	11.096

Sample Name: S1 Acquired: 7/30/2018 12:44:21 Type: Cal
Method: P4-ICP2(v2328) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1752.4	50960.	5143.9	90.364	2786.3
Stddev	4.6	120.	17.2	4.622	1.4
%RSD	.26014	.23554	.33404	5.1148	.05120
#1	1749.1	50875.	5131.8	87.095	2785.3
#2	1755.6	51045.	5156.1	93.632	2787.3

Sample Name: S2 Acquired: 7/30/2018 12:48:28 Type: Cal
Method: P4-ICP2(v2328) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_ 7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07342	.01992	.39355	.13907
Stddev	.00004	.00084	.00428	.00122
%RSD	.05127	4.2054	1.0873	.87618

#1	.07344	.01932	.39053	.13821
#2	.07339	.02051	.39658	.13993

Int. Std.	Y_ 3710
Units	Cts/S
Avg	5296.9
Stddev	4.7
%RSD	.08955

#1	5293.6
#2	5300.3

Sample Name: S3 Acquired: 7/30/2018 12:52:28 Type: Cal
Method: P4-ICP2(v2328) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.20041	.20279	.49604	.16249	.46291	.03887	.23.452	.07771	3.2059
Stddev	.00065	.00003	.00142	.00102	.00150	.00079	.298	.00010	.0072
%RSD	.32655	.01347	.28678	.62805	.32353	2.0285	1.2702	.12485	.22528

#1	.20087	.20277	.49504	.16177	.46397	.03831	23.242	.07764	3.2008
#2	.19995	.20281	.49705	.16321	.46185	.03942	23.663	.07778	3.2110

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.43891	.04049	1.2110	.44788	3.7103	1.1058	.12010	.52601	.11593
Stddev	.00699	.00018	.0010	.00084	.0928	.0034	.00256	.00140	.00020
%RSD	1.5934	.45076	.08374	.18724	2.5012	.30817	2.1340	.26651	.17656

#1	.43396	.04036	1.2102	.44729	3.6447	1.1034	.11829	.52502	.11608
#2	.44385	.04062	1.2117	.44848	3.7760	1.1082	.12191	.52700	.11579

Elem	Na5895	V_ 2924	Zn2138	K_ 7664	Mo2020	B_ 2496	S_ 1820	Si2881	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.3531	.15285	33.831	.89508	1.9860	.08761	.07523	.82932	.26840
Stddev	.0306	.00008	.813	.01194	.0047	.00234	.00011	.00185	.00001
%RSD	1.3017	.04932	.96969	1.3341	.23733	2.6762	.15207	.22355	.00520

#1	2.3314	.15290	83.256	.88663	1.9827	.08595	.07531	.83063	.26841
#2	2.3748	.15279	84.406	.90352	1.9894	.08926	.07515	.82801	.26839

Elem	Ti3361	Li6707	P_ 1774	Sr4077	U_ 3670	U_ 3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.73616	4.4903	.1370	24.827	286.63	14.382
Stddev	.00764	.0723	.0001	.374	5.86	10.585
%RSD	1.0382	1.6108	.0783	1.5075	2.0434	73.600

#1	.73076	4.4392	.1370	24.562	282.49	6.8972
#2	.74157	4.5415	.1371	25.091	290.77	21.867

Sample Name: S3 Acquired: 7/30/2018 12:52:28 Type: Cal
Method: P4-ICP2(v2328) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1690.0	48578.	5028.2	35.573	2592.7
Stddev	3.2	42.	13.6	.594	5.8
%RSD	.19209	.08665	.27068	.69454	.22230
#1	1687.7	48549.	5018.6	85.993	2588.6
#2	1692.3	48608.	5037.9	85.152	2596.8

Sample Name: S4 Acquired: 7/30/2018 12:56:22 Type: Cal
Method: P4-ICP2(v2328) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.38746	.39588	.97354	.31491	.89730	.07604	15.070	.15073	5.3193
Stddev	.00054	.00227	.00324	.00047	.00043	.00116	.514	.00008	.0171
%RSD	.13954	.57250	.33252	.14897	.04837	1.5306	1.1415	.05578	.27036

#1	.38707	.39427	.97125	.31458	.89760	.07522	44.706	.15079	6.3072
#2	.38784	.39748	.97583	.31524	.89699	.07686	45.434	.15067	6.3313

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.84795	.07851	2.3666	.85929	7.2060	2.1291	.23450	1.0299	.22378
Stddev	.01651	.00024	.0081	.00128	.1224	.0030	.00413	.0006	.00029
%RSD	1.9468	.31154	.34384	.14852	1.6982	.14188	1.7621	.05982	.13110

#1	.83628	.07834	2.3609	.85838	7.1195	2.1313	.23158	1.0295	.22399
#2	.85962	.07869	2.3724	.86019	7.2925	2.1270	.23743	1.0304	.22357

Elem	Na5895	V_ 2924	Zn2138	K_ 7664	Mo2020	B_ 2496	S_ 1820	Si2881	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.5026	.29712	161.89	1.7453	3.8449	.17254	.15094	1.5922	.53094
Stddev	.0667	.00135	.04	.0220	.0117	.00139	.00036	.0041	.00210
%RSD	1.4817	.45430	.02558	1.2616	.30321	.80692	.23625	.25954	.39591

#1	4.4554	.29617	161.92	1.7298	3.8366	.17156	.15119	1.5893	.52945
#2	4.5497	.29808	161.86	1.7609	3.8531	.17353	.15068	1.5952	.53242

Elem	Ti3361	Li6707	P_ 1774	Sr4077	U_ 3670	U_ 3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4192	3.6909	.2761	17.435	273.29	1.3723
Stddev	.0207	.1164	.0006	.273	9.79	9.0769
%RSD	1.4582	1.3389	.2225	.57524	3.5840	661.41

#1	1.4046	8.6086	.2757	47.242	280.21	7.7907
#2	1.4339	8.7731	.2765	47.628	266.36	-5.0460

Sample Name: S4 Acquired: 7/30/2018 12:56:22 Type: Cal
Method: P4-ICP2(v2328) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1689.2	48678.	5097.1	35.478	2530.3
Stddev	1.7	224.	2.4	.157	4.9
%RSD	.09982	.46096	.04685	.18361	.19410
#1	1690.4	48520.	5095.5	85.367	2533.8
#2	1688.0	48837.	5098.8	85.589	2526.9

Sample Name: S5 Acquired: 7/30/2018 13:00:13 Type: Cal

Method: P4-ICP2(v2328) Mode: IR Corr. Factor: 1.000000

User: JASWAL/BINHE 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	.75824	.77595	1.9192	.61220	1.7546	.15208	38.390	.29391
Stddev	.00138	.00017	.0023	.00133	.0017	.00052	.032	.00148
%RSD	.18238	.02214	.12058	.21744	.09800	.34375	.03570	.50270

#1	.75921	.77607	1.9176	.61314	1.7558	.15172	88.412	.29495
#2	.75726	.77583	1.9208	.61126	1.7534	.15245	88.368	.29286

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	12.492	1.6721	.15155	4.6781	1.6431	14.342	4.0912	.46725
Stddev	.014	.0063	.00018	.0055	.0008	.368	.0106	.00182
%RSD	.11227	.37453	.12127	.11791	.05010	2.5673	.25864	.38976

#1	12.482	1.6676	.15168	4.6742	1.6426	14.082	4.0987	.46596
#2	12.502	1.6765	.15142	4.6820	1.6437	14.603	4.0837	.46853

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	2.0210	.43828	9.0663	.57696	311.63	3.5211	7.3980	.34328
Stddev	.0003	.00084	.0144	.00273	5.54	.0102	.0075	.00066
%RSD	.01652	.19170	.15873	.47246	1.7793	.29075	.10154	.19105

#1	2.0208	.43888	9.0561	.57889	307.71	3.5139	7.4033	.34282
#2	2.0212	.43769	9.0764	.57503	315.55	3.5284	7.3927	.34375

Elem	S_ 1820	Si2881	Sn1899	Ti3361	Li6707	P_ 1774	Sr4077	U_ 3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.30644	3.1152	1.0510	2.8005	17.451	.5596	92.810	266.04
Stddev	.00046	.0022	.0046	.0029	.007	.0001	.212	2.84
%RSD	.14934	.07166	.43547	.10180	.03745	.0156	.22872	1.0689

#1	.30611	3.1168	1.0542	2.7985	17.456	.5595	92.660	268.05
#2	.30676	3.1136	1.0478	2.8025	17.446	.5596	92.960	264.02

Sample Name: S5 Acquired: 7/30/2018 13:00:13 Type: Cal
Method: P4-ICP2(v2328) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_ 3859
Units	Cts/S
Avg	6.6972
Stddev	.7049
%RSD	10.526

#1	-6.1988
#2	-7.1957

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1690.1	48614.	5104.5	35.741	2449.6
Stddev	5.7	145.	24.0	1.360	5.4
%RSD	.33920	.29806	.46942	1.5860	.21851

#1	1686.0	48512.	5087.5	86.702	2445.8
#2	1694.1	48717.	5121.4	84.779	2453.4

Sample Name: ICV01 Acquired: 7/30/2018 13:04:12 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	1.0169	1.0562	1.0002	1.0155	.99155	2.5021	.51887	.49082
Stddev	.0001	.0015	.0027	.0044	.00218	.0197	.00366	.00166
%RSD	.01128	.14231	.27014	.43367	.21959	.78673	.70502	.33745

#1	1.0169	1.0572	.99826	1.0186	.99309	2.4882	.51628	.49199
#2	1.0168	1.0551	1.0021	1.0124	.99001	2.5161	.52145	.48965

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49246	10.355	.50825	.49826	.48992	5.0249	.52078	5.1029
Stddev	.00101	.036	.00484	.00018	.00098	.1982	.00281	.0445
%RSD	.20571	.35177	.95301	.03579	.19913	3.9438	.54047	.72891

#1	.49318	10.329	.51168	.49839	.49061	4.8847	.52277	6.0714
#2	.49175	10.381	.50483	.49813	.48923	5.1650	.51879	6.1343

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50248	.51005	9.9826	.51212	1.0424	10.186	2.5103	2.5117
Stddev	.00032	.00189	.0664	.00224	.0259	.063	.0092	.0140
%RSD	.06384	.37063	.66517	.43657	2.4816	.62206	.36652	.55611

#1	.50225	.51139	9.9357	.51370	1.0241	10.141	2.5168	2.5018
#2	.50270	.50872	10.030	.51054	1.0607	10.230	2.5038	2.5216

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.3286	F 2.3086	2.3987	2.5124	F .00118	F .0004	F .01248	F .80791
Stddev	.0096	.0024	.0067	.0204	.00106	.0016	.00000	.45766
%RSD	.41248	.10324	.27943	.81274	89.182	371.0	.03467	56.647

#1	2.3218	2.3103	2.4035	2.4980	.00044	-.0016	.01247	.48430
#2	2.3354	2.3069	2.3940	2.5268	.00193	.0007	.01248	1.1315

Sample Name: ICV01 Acquired: 7/30/2018 13:04:12 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F2.4181
Stddev 1.0995
%RSD 45.468

#1 1.6407
#2 3.1956

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1782.9	51444.	5213.3	39.551	2772.5
Stddev	11.1	447.	39.7	1.895	10.5
%RSD	.62262	.86880	.76233	2.1159	.37907

#1	1775.1	51128.	5185.2	90.891	2765.1
#2	1790.8	51761.	5241.4	88.211	2779.9

Sample Name: LLICV01 Acquired: 7/30/2018 13:15:08 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.02003	.04427	.01337	.01892	.05122	.09817	.10702	.00656
Stddev	.00367	.00105	.00049	.00612	.00028	.00742	.00286	.00005
%RSD	18.296	2.3616	3.6389	32.367	.55452	7.5624	2.6714	.75742

#1	.02263	.04353	.01371	.02325	.05142	.09292	.10500	.00660
#2	.01744	.04501	.01302	.01459	.05102	.10342	.10904	.00653

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00636	2.1258	.00992	.03085	.02013	.10339	.02253	2.1028
Stddev	.00008	.0653	.00045	.00064	.00091	.00082	.00007	.0403
%RSD	1.2254	3.0715	4.5586	2.0696	4.5134	.79505	.32190	1.9171

#1	.00630	2.0797	.01024	.03039	.01949	.10397	.02258	2.0743
#2	.00641	2.1720	.00960	.03130	.02078	.10281	.02247	2.1313

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04183	.01050	1.9739	.04269	.04339	2.0669	.21110	.10022
Stddev	.00060	.00027	.0652	.00004	.00027	.0540	.00026	.00845
%RSD	1.4394	2.5532	3.3017	.08792	.63016	2.6109	.12349	8.4270

#1	.04140	.01031	1.9278	.04267	.04359	2.0288	.21092	.09425
#2	.04226	.01069	2.0200	.04272	.04320	2.1051	.21129	.10620

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01493	.38037	.03958	.04041	.02229	.0209	.02220	F .56661
Stddev	.00078	.00275	.00013	.00079	.00021	.0010	.00048	.10123
%RSD	5.2310	.72243	.33609	1.9622	.94406	4.581	2.1727	17.866

#1	.01437	.37842	.03967	.03985	.02214	.0215	.02185	.63819
#2	.01548	.38231	.03948	.04097	.02244	.0202	.02254	.49503

Sample Name: LLICV01 Acquired: 7/30/2018 13:15:08 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F.89424
Stddev	.01731
%RSD	1.9356

#1	.88200
#2	.90648

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1758.7	51141.	5132.1	39.909	2796.2
Stddev	9.1	22.	42.6	.868	5.4
%RSD	.51739	.04356	.83007	.96521	.19285

#1	1752.3	51157.	5162.2	89.295	2792.4
#2	1765.1	51125.	5101.9	90.523	2800.0

Sample Name: ICB01 Acquired: 7/30/2018 13:19:11 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	.00044	.00058	.00001	.00202	.00737	.00036	.00003
Stddev	.00492	.00026	.00130	.00349	.00085	.00776	.00045	.00003
%RSD	423.18	59.586	225.32	63813.	41.749	105.25	122.37	110.88
#1	-.00465	.00062	.00034	.00246	-.00143	-.00189	.00005	-.00001
#2	.00232	.00025	-.00150	-.00247	-.00262	-.01286	.00068	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.01613	.00089	.00005	.00012	.00697	.00001	.01255
Stddev	.00004	.01937	.00007	.00031	.00009	.01150	.00005	.02773
%RSD	28.550	120.06	7.5134	630.94	75.762	165.08	499.69	220.90
#1	.00011	-.00244	-.00085	.00027	-.00006	-.01510	-.00005	.00706
#2	.00017	-.02982	-.00094	-.00017	-.00018	.00117	.00003	-.03216
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.00054	.20194	.00098	.00020	.01618	.00014	.00583
Stddev	.00012	.00073	.00364	.00025	.00010	.00041	.00010	.00138
%RSD	68.725	135.35	1.8040	25.896	52.674	2.5559	66.459	23.717
#1	-.00009	-.00002	-.20451	-.00080	-.00012	-.01647	.00008	-.00681
#2	-.00026	-.00106	-.19936	-.00116	-.00027	-.01589	.00021	-.00486
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00216	.00078	.00019	.00031	.00085	.0005	.00014	F.87239
Stddev	.00218	.00010	.00129	.00100	.00089	.0008	.00009	.17827
%RSD	100.99	12.713	684.88	318.42	104.58	162.2	60.673	20.435
#1	-.00062	-.00071	.00110	.00102	-.00148	.0001	.00008	.99845
#2	-.00371	-.00085	-.00072	-.00039	-.00022	-.0010	.00021	.74633

Sample Name: ICB01 Acquired: 7/30/2018 13:19:11 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F.28606
Stddev	.20566
%RSD	71.895

#1	.14063
#2	.43148

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1761.0	51073.	5101.6	30.198	2814.3
Stddev	10.3	213.	15.5	1.983	11.9
%RSD	.58416	.41742	.30304	2.1986	.42296

#1	1753.7	50922.	5090.6	88.795	2805.9
#2	1768.3	51224.	5112.5	91.600	2822.7

Sample Name: CRI01 Acquired: 7/30/2018 13:23:17 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.01978	.04385	.01266	.01915	.05091	.11383	.11013	.00681
Stddev	.00245	.00165	.00086	.00156	.00037	.01176	.00092	.00009
%RSD	12.387	3.7607	6.7803	8.1452	.72598	10.329	.83205	1.3231

#1	.01805	.04269	.01327	.01804	.05118	.12214	.10948	.00675
#2	.02152	.04502	.01205	.02025	.05065	.10552	.11078	.00688

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00646	2.2123	.00978	.03130	.02058	.10009	.02321	2.1452
Stddev	.00011	.0648	.00026	.00008	.00054	.01668	.00010	.0419
%RSD	1.7324	2.9284	2.6436	.27034	2.6201	16.662	.44026	1.9520

#1	.00638	2.1665	.00996	.03136	.02096	.11188	.02314	2.1156
#2	.00654	2.2581	.00960	.03124	.02020	.08830	.02328	2.1748

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04254	.01078	2.0253	.04377	.04418	2.1341	.21425	.11363
Stddev	.00093	.00018	.0305	.00000	.00035	.0599	.00022	.00103
%RSD	2.1804	1.6360	1.5069	.01120	.78818	2.8072	.10159	.90683

#1	.04320	.01090	2.0037	.04376	.04443	2.0917	.21410	.11436
#2	.04189	.01065	2.0469	.04377	.04394	2.1765	.21441	.11290

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01478	.38624	.04020	.04290	.02416	.0237	.02306	F .71792
Stddev	.00106	.00756	.00004	.00181	.00163	.0008	.00017	.56297
%RSD	7.1902	1.9575	.08798	4.2168	6.7654	3.236	.74138	78.417

#1	.01402	.38089	.04018	.04418	.02300	.0232	.02294	1.1160
#2	.01553	.39158	.04023	.04162	.02531	.0243	.02319	.31984

Sample Name: CRI01 Acquired: 7/30/2018 13:23:17 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F.65370
Stddev .65947
%RSD 100.88

#1 1.1200
#2 .18739

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.9	50972.	5130.6	39.707	2786.7
Stddev	15.2	284.	29.3	.858	17.3
%RSD	.86493	.55696	.57039	.95664	.62175

#1	1764.7	50772.	5151.3	90.314	2798.9
#2	1743.2	51173.	5109.9	89.100	2774.4

Sample Name: ICSA01 Acquired: 7/30/2018 13:27:23 Type: Unk

Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000

User: JASWAL/BINHE 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	.00393	-.00037	-.00190	.00915	-.00142	272.89	.00568	.00045
Stddev	.00076	.00437	.00108	.00414	.00126	4.75	.00008	.00000
%RSD	19.245	1197.0	57.082	45.261	88.747	1.7393	1.4656	.08832

#1	.00446	.00273	-.00113	.01208	-.00053	269.54	.00562	.00045
#2	.00339	-.00346	-.00267	.00622	-.00230	276.25	.00574	.00045

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00375	244.50	.05971	.00007	-.00452	39.679	.01618	262.20
Stddev	.00048	1.63	.00066	.00017	.00173	2.861	.00005	2.13
%RSD	12.876	.66675	1.1035	234.05	38.165	2.8705	.31612	.81356

#1	.00409	243.35	.05924	.00019	-.00330	97.655	.01622	260.69
#2	.00340	245.65	.06018	-.00005	-.00574	101.70	.01614	263.71

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00722	-.00051	-.16711	.00054	.00119	.00917	-.00057	.01248
Stddev	.00001	.00037	.00332	.00021	.00012	.00708	.00013	.00705
%RSD	.19242	73.830	1.9859	39.432	10.475	77.176	22.409	56.503

#1	.00721	-.00024	-.16945	.00069	.00128	.01418	-.00048	.00749
#2	.00723	-.00077	-.16476	.00039	.00110	.00417	-.00066	.01747

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00358	-.00624	-.00037	-.00167	.00522	-.0006	F.10468	F.3.5793
Stddev	.01019	.00287	.00076	.00053	.00009	.0014	.00116	.4514
%RSD	284.91	46.103	205.43	31.822	1.7788	225.6	1.1065	12.611

#1	.01079	-.00827	-.00091	-.00204	.00515	-.0016	.10386	3.2601
#2	-.00363	-.00420	.00017	-.00129	.00528	.0004	.10549	3.8985

Sample Name: IC5A01 Acquired: 7/30/2018 13:27:23 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 23.110
Stddev	.831
%RSD	3.5938

#1	22.523
#2	23.697

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1613.5	45660.	5054.1	32.062	2297.8
Stddev	3.9	9.	63.7	.800	9.3
%RSD	.24202	.01984	1.2613	.97538	.40477

#1	1616.3	45653.	5009.1	82.628	2304.4
#2	1610.8	45666.	5099.2	81.496	2291.2

Sample Name: ICSAB01 Acquired: 7/30/2018 13:31:31 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.11002	.10745	.05390	.05784	.64736	287.19	.54866	.57980
Stddev	.00273	.00546	.00063	.00255	.00465	4.11	.00480	.00016
%RSD	2.4805	5.0818	1.1650	4.4022	.71832	1.4308	.87472	.02841

#1	.10809	.11131	.05345	.05604	.64407	284.28	.54526	.57969
#2	.11195	.10359	.05434	.05964	.65065	290.09	.55205	.57992

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0875	256.96	.61069	.54437	.49277	105.04	.56533	275.67
Stddev	.0042	3.15	.00132	.00018	.00345	3.51	.00205	3.93
%RSD	.38752	1.2270	.21683	.03393	.70105	3.3413	.36331	1.4256

#1	1.0905	254.73	.60975	.54424	.49521	102.56	.56388	272.89
#2	1.0845	259.19	.61162	.54450	.49033	107.53	.56678	278.45

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0889	.20391	.16385	.54367	1.0927	-.01412	.00044	.01728
Stddev	.0006	.00051	.01309	.00060	.0220	.00573	.00052	.00500
%RSD	.05108	.24807	7.9891	.11019	2.0088	40.611	120.07	28.955

#1	1.0893	.20355	-.17311	.54409	1.0772	-.01817	.00081	.02082
#2	1.0885	.20427	-.15459	.54325	1.1082	-.01006	.00007	.01374

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00673	-.00369	.00175	-.00149	.00445	F.0069	.11013	F3.4107
Stddev	.00404	.00136	.00021	.00065	.00007	.0054	.00107	.4469
%RSD	60.051	36.976	11.870	43.448	1.6010	77.81	.97507	13.101

#1	.00958	-.00465	.00189	-.00103	.00440	.0107	.10937	3.0948
#2	.00387	-.00272	.00160	-.00195	.00450	.0031	.11089	3.7267

Sample Name: ICSAB01 Acquired: 7/30/2018 13:31:31 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 24.585
 Stddev .620
 %RSD 2.5224

#1 24.146
 #2 25.023

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1589.7	45368.	5028.4	31.793	2263.8
Stddev	9.5	79.	12.2	1.389	11.5
%RSD	.60053	.17489	.24218	1.6978	.50732

#1	1583.0	45424.	5019.8	82.775	2255.6
#2	1596.5	45312.	5037.0	80.811	2271.9

Sample Name: CCV01 Acquired: 7/30/2018 13:35:34 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	5.0762	5.0632	5.0468	5.0748	5.0559	10.111	10.258	.25284
Stddev	.0207	.0180	.0128	.0259	.0148	.036	.011	.00002
%RSD	.40807	.35577	.25363	.50988	.29190	.36016	.10557	.00877
#1	5.0909	5.0760	5.0559	5.0931	5.0664	10.085	10.251	.25282
#2	5.0616	5.0505	5.0378	5.0565	5.0455	10.136	10.266	.25285
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5118	25.454	1.0148	2.5162	1.2467	5.0161	2.5419	25.448
Stddev	.0048	.200	.0014	.0037	.0050	.0719	.0061	.359
%RSD	.18940	.78736	.13954	.14558	.39846	1.4325	.23826	1.4093
#1	2.5152	25.312	1.0138	2.5187	1.2503	4.9653	2.5462	25.194
#2	2.5084	25.595	1.0159	2.5136	1.2432	5.0669	2.5376	25.701
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5270	1.2658	25.323	2.5308	2.5219	25.332	5.1108	5.0772
Stddev	.0069	.0040	.047	.0022	.0266	.123	.0053	.0248
%RSD	.27443	.31229	.18588	.08713	1.0561	.48537	.10411	.48862
#1	2.5221	1.2630	25.289	2.5324	2.5030	25.246	5.1146	5.0597
#2	2.5319	1.2686	25.356	2.5293	2.5407	25.419	5.1071	5.0947
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9925	4.9856	5.0471	5.1096	5.0766	5.063	5.0754	F2.8210
Stddev	.0304	.0287	.0120	.0371	.0131	.010	.0467	.2424
%RSD	.60874	.57495	.23809	.72690	.25860	.2059	.92029	8.5917
#1	5.0140	4.9654	5.0556	5.0833	5.0673	5.070	5.0424	2.9923
#2	4.9710	5.0059	5.0386	5.1358	5.0859	5.056	5.1084	2.6496

Sample Name: CCV01 Acquired: 7/30/2018 13:35:34 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.6253
Stddev .3829
%RSD 10.561

#1 3.8960
#2 3.3546

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1697.3	48956.	5077.6	36.826	2539.3
Stddev	6.1	171.	4.5	.724	10.7
%RSD	.35776	.34886	.08889	.83419	.42241

#1	1693.0	48836.	5074.4	87.338	2531.7
#2	1701.6	49077.	5080.8	86.314	2546.8

Sample Name: LLCCV01 Acquired: 7/30/2018 13:43:34 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.02036	.04327	.01388	.02308	.05191	.09704	.10875	.00672
Stddev	.00128	.00181	.00005	.00508	.00114	.01059	.00156	.00002
%RSD	6.2793	4.1829	.39099	22.010	2.1912	10.912	1.4329	.30456

#1	.02127	.04199	.01392	.01949	.05272	.08955	.10765	.00674
#2	.01946	.04455	.01385	.02668	.05111	.10453	.10986	.00671

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00644	2.1889	.01008	.03153	.02053	.11268	.02276	2.1205
Stddev	.00005	.0640	.00004	.00012	.00058	.01391	.00008	.0870
%RSD	.70061	2.9239	.43566	.37729	2.8210	12.348	.33087	4.1037

#1	.00641	2.1437	.01011	.03161	.02012	.10284	.02281	2.0589
#2	.00647	2.2342	.01005	.03144	.02094	.12251	.02271	2.1820

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04246	.01094	1.9850	.04364	.04459	2.0547	.21246	.09765
Stddev	.00017	.00005	.0152	.00022	.00104	.0386	.00101	.01197
%RSD	.40831	.42895	.76481	.50997	2.3291	1.8760	.47421	12.258

#1	.04233	.01098	1.9742	.04349	.04386	2.0274	.21174	.08919
#2	.04258	.01091	1.9957	.04380	.04533	2.0820	.21317	.10612

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01499	.38746	.03763	.04254	.02248	.0199	.02263	F .90405
Stddev	.00434	.00355	.00010	.00058	.00032	.0001	.00038	.13081
%RSD	28.938	.91514	.25464	1.3547	1.4199	.5072	1.6841	14.469

#1	.01806	.38495	.03770	.04213	.02271	.0199	.02236	.99654
#2	.01193	.38996	.03756	.04294	.02225	.0198	.02290	.81155

Sample Name: LLCCV01 Acquired: 7/30/2018 13:43:34 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F1.1731
Stddev .7664
%RSD 65.327

#1 1.7151
#2 .63123

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1744.8	50599.	5069.4	37.361	2772.3
Stddev	3.3	115.	36.8	1.880	4.8
%RSD	.18972	.22772	.72620	2.1523	.17198

#1	1742.5	50517.	5095.5	88.691	2768.9
#2	1747.2	50680.	5043.4	86.032	2775.7

Sample Name: CCB01 Acquired: 7/30/2018 13:47:41 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00131	.00149	-.00073	-.00164	-.00117	-.00073	.00002	-.00001
Stddev	.00170	.00037	.00059	.00089	.00127	.01525	.00006	.00002
%RSD	130.26	24.499	80.193	54.397	108.85	2093.8	314.90	314.60

#1	.00251	.00124	-.00115	-.00227	-.00206	.01006	.00006	.00001
#2	.00010	.00175	-.00032	-.00101	-.00027	-.01151	-.00002	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.01157	-.00065	.00022	-.00001	-.00692	-.00003	.04265
Stddev	.00014	.01059	.00005	.00038	.00007	.00240	.00005	.01095
%RSD	120.92	91.531	7.3784	169.12	737.06	34.755	161.99	25.662

#1	.00021	.01907	-.00062	-.00004	.00004	-.00522	.00000	.05039
#2	.00002	.00408	-.00068	.00049	-.00006	-.00862	-.00006	.03491

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00055	-.24250	-.00032	-.00028	-.00950	.00021	-.00050
Stddev	.00046	.00003	.00097	.00022	.00008	.00231	.00010	.00046
%RSD	290.43	5.7264	.39876	67.696	28.334	24.267	49.286	91.963

#1	.00049	-.00053	-.24319	-.00047	-.00022	-.01114	.00013	-.00017
#2	-.00017	-.00058	-.24182	-.00017	-.00033	-.00787	.00028	-.00082

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00933	-.00068	-.00152	.00103	.00078	.0020	.00001	F.46945
Stddev	.00007	.00277	.00106	.00140	.00035	.0005	.00006	.07072
%RSD	.75777	409.79	69.422	136.47	44.915	26.73	438.91	15.065

#1	-.00938	-.00263	-.00078	.00202	.00053	.0024	.00006	.41944
#2	-.00928	.00128	-.00227	.00004	.00103	.0017	-.00003	.51946

Sample Name: CCB01 Acquired: 7/30/2018 13:47:41 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F.75334
 Stddev .62141
 %RSD 82.488

#1 1.1927
 #2 .31394

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.7	51384.	5096.1	39.361	2815.8
Stddev	2.3	190.	34.1	.845	4.7
%RSD	.13037	.37008	.66822	.94595	.16709

#1	1759.1	51250.	5072.1	88.764	2819.1
#2	1762.3	51519.	5120.2	89.959	2812.5

Sample Name: J4220-01 Acquired: 7/30/2018 13:51:48 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00132	-.00099	.00595	-.00325	.07013	.03132	-.00003
Stddev	.00141	.00097	.00074	.00399	.00021	.00412	.00006	.00002
%RSD	1189.6	73.326	74.363	67.062	6.4695	5.8796	.20423	62.543

#1	.00111	-.00064	-.00047	.00313	-.00340	.06721	.03127	-.00002
#2	-.00088	-.00200	-.00151	.00877	-.00310	.07305	.03136	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	14.280	-.00049	.00033	.00948	.09944	.09651	2.4269
Stddev	.00007	.248	.00085	.00016	.00003	.00141	.00014	.0688
%RSD	316.65	1.7396	175.51	48.680	.29872	1.4229	.14753	2.8359

#1	.00003	14.104	.00012	.00022	.00946	.09844	.09661	2.3782
#2	-.00007	14.456	-.00109	.00045	.00950	.10044	.09640	2.4756

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00095	-.00054	12.426	.00023	.01726	1.3395	.00164	.01690
Stddev	.00011	.00012	.128	.00046	.00003	.0260	.00017	.00250
%RSD	11.361	23.100	1.0288	197.98	.19107	1.9388	10.226	14.799

#1	.00087	-.00045	12.336	.00055	.01728	1.3211	.00176	.01514
#2	.00103	-.00062	12.517	-.00009	.01723	1.3578	.00152	.01867

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9192	1.2775	-.00143	.00185	.00038	.1011	.04989	2.0486
Stddev	.0059	.0043	.00056	.00179	.00010	.0014	.00094	.2368
%RSD	.30733	.33744	39.214	96.781	25.337	1.394	1.8805	11.561

#1	1.9151	1.2744	-.00182	.00059	.00044	.1021	.04923	2.2160
#2	1.9234	1.2805	-.00103	.00312	.00031	.1001	.05056	1.8811

Sample Name: J4220-01 Acquired: 7/30/2018 13:51:48 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .93673
 Stddev .35736
 %RSD 38.150

#1 1.1894
 #2 .68404

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1700.8	50165.	5042.8	36.320	2713.2
Stddev	5.8	174.	16.2	.871	3.7
%RSD	.34208	.34685	.32169	1.0092	.13585

#1	1696.6	50042.	5031.3	85.704	2710.5
#2	1704.9	50289.	5054.2	86.936	2715.8

Sample Name: J4220-02 Acquired: 7/30/2018 13:55:54 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.00221	.00112	.00043	.00482	.00490	.03008	.04447	.00007
Stddev	.00065	.00082	.00039	.00200	.00086	.00563	.00112	.00003
%RSD	29.289	73.217	90.539	41.608	17.538	18.710	2.5255	49.199

#1	-.00266	-.00171	-.00071	.00623	-.00550	.03405	.04368	-.00009
#2	-.00175	-.00054	-.00016	.00340	-.00429	.02610	.04527	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	32.302	.00067	.00019	.00712	.01036	.30966	3.7331
Stddev	.0000	.430	.00021	.00021	.00070	.00387	.00086	.0057
%RSD	953.58	1.3319	31.268	112.96	9.8344	37.351	.27636	.15238

#1	.00002	31.998	-.00052	.00034	.00762	.01309	.31026	3.7372
#2	-.00003	32.607	-.00082	.00004	.00663	.00762	.30905	3.7291

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00117	.00008	20.077	.00025	.02135	2.7007	.00160	.03757
Stddev	.00006	.00028	.292	.00013	.00003	.0568	.00008	.00616
%RSD	4.8616	347.20	1.4539	52.314	.16113	2.1024	4.8183	16.397

#1	.00121	-.00028	19.871	.00016	.02132	2.6605	.00154	.03322
#2	.00113	.00012	20.284	.00034	.02137	2.7408	.00165	.04193

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0674	2.2052	.00302	.00117	.00103	.1140	.11307	1.8102
Stddev	.0098	.0005	.00070	.00154	.00020	.0010	.00061	.1214
%RSD	.16131	.02264	23.321	131.78	19.865	.9113	.54231	6.7047

#1	6.0743	2.2048	-.00352	.00008	.00118	.1133	.11263	1.8961
#2	6.0605	2.2055	-.00252	.00226	.00089	.1147	.11350	1.7244

Sample Name: J4220-02 Acquired: 7/30/2018 13:55:54 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5300
 Stddev .1278
 %RSD 8.3549

#1 1.6204
 #2 1.4396

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1692.9	49933.	5076.9	38.361	2666.0
Stddev	5.7	172.	22.7	.635	8.8
%RSD	.33546	.34365	.44619	.71911	.32829

#1	1688.8	49811.	5060.9	87.912	2659.9
#2	1696.9	50054.	5092.9	88.810	2672.2

Sample Name: J4220-03 Acquired: 7/30/2018 14:00:00 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.00182	.00046	.00009	.00521	.00333	.05469	.03369	.00007
Stddev	.00041	.00055	.00008	.00327	.00006	.01198	.00054	.00000
%RSD	22.380	117.90	87.696	62.717	1.8031	21.897	1.5934	2.9361

#1	-.00154	-.00085	.00015	.00290	-.00338	.04622	.03331	-.00007
#2	-.00211	-.00008	.00004	.00752	-.00329	.06316	.03407	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	14.683	.00069	.00006	.00695	.02727	.01904	2.9389
Stddev	.00003	.246	.00041	.00032	.00010	.00864	.00009	.0015
%RSD	371.30	1.6780	58.964	513.18	1.4508	31.701	.45514	.05048

#1	-.00001	14.509	-.00040	-.00017	.00702	.02116	.01898	2.9400
#2	.00003	14.858	-.00098	.00029	.00688	.03338	.01911	2.9379

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	.00037	3.5780	.00009	.01533	1.6738	.00227	.01861
Stddev	.00011	.00016	.0646	.00006	.00013	.0238	.00004	.00056
%RSD	15.509	41.928	.75359	64.589	.87831	1.4205	1.8497	2.9964

#1	.00079	-.00049	8.5323	-.00013	.01523	1.6570	.00224	.01900
#2	.00063	-.00026	8.6237	-.00005	.01542	1.6906	.00230	.01821

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5202	1.3937	.00043	.00146	.00024	.1055	.06198	1.8335
Stddev	.0081	.0083	.00112	.00036	.00240	.0005	.00035	.2527
%RSD	.53322	.59861	262.64	24.893	989.18	.5044	.56516	13.785

#1	1.5259	1.3878	.00037	.00121	.00145	.1051	.06174	2.0122
#2	1.5145	1.3996	-.00122	.00172	-.00194	.1058	.06223	1.6548

Sample Name: J4220-03 Acquired: 7/30/2018 14:00:00 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4002
 Stddev .0513
 %RSD 2.1362

#1 2.4364
 #2 2.3639

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1706.4	50280.	5070.2	37.756	2728.0
Stddev	2.0	107.	21.2	.514	3.4
%RSD	.11744	.21346	.41861	.58560	.12558

#1	1705.0	50204.	5055.2	88.119	2725.6
#2	1707.8	50355.	5085.2	87.392	2730.4

Sample Name: J4220-03DUP Acquired: 7/30/2018 14:04:05 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.00408	.00246	.00074	.00217	.00361	.05040	.03354	.00011
Stddev	.00101	.00087	.00073	.00610	.00034	.00550	.00098	.00000
%RSD	24.748	35.219	98.810	280.83	9.4091	10.922	2.9278	3.7805

#1	-.00480	-.00307	.00126	.00648	-.00337	.04651	.03285	-.00011
#2	-.00337	-.00185	.00022	-.00214	-.00385	.05429	.03423	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	14.727	.00050	.00008	.00661	.03142	.01907	2.9376
Stddev	.00000	.259	.00017	.00008	.00016	.01017	.00004	.1160
%RSD	13.063	1.7595	34.595	92.220	2.4744	32.369	.20720	3.9502

#1	.00003	14.544	.00062	.00003	.00672	.02423	.01904	2.8555
#2	.00003	14.910	.00038	.00014	.00649	.03862	.01910	3.0196

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00157	.00056	3.6124	.00028	.01462	1.6877	.00156	.01766
Stddev	.00045	.00026	.1101	.00006	.00020	.0621	.00009	.00605
%RSD	28.735	45.601	1.2786	19.986	1.3700	3.6824	5.6275	34.249

#1	.00188	-.00038	8.5345	.00032	.01476	1.6438	.00150	.01338
#2	.00125	-.00074	8.6902	.00024	.01448	1.7317	.00162	.02194

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5297	1.3910	.00097	.00170	.00055	.1070	.06261	1.9725
Stddev	.0038	.0067	.00076	.00120	.00196	.0016	.00090	.0052
%RSD	.25130	.48023	78.429	70.869	357.97	1.509	1.4359	.26357

#1	1.5324	1.3958	.00151	.00085	.00194	.1081	.06197	1.9688
#2	1.5270	1.3863	.00043	.00255	-.00084	.1058	.06324	1.9762

Sample Name: J4220-03DUP Acquired: 7/30/2018 14:04:05 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .39643
 Stddev .60192
 %RSD 151.84

#1 -.02919
 #2 .82205

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1704.4	50313.	5048.0	39.520	2723.5
Stddev	12.7	338.	10.1	2.002	21.6
%RSD	.74492	.67201	.20041	2.2368	.79303

#1	1695.4	50074.	5055.1	88.104	2708.2
#2	1713.4	50552.	5040.8	90.936	2738.8

Sample Name: J4220-03LX5 Acquired: 7/30/2018 14:08:08 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.00158	.00200	.00077	.00129	.00137	.01707	.00660	.00008
Stddev	.00233	.00033	.00126	.00157	.00186	.00118	.00027	.00003
%RSD	147.40	16.652	162.17	121.21	135.28	6.9221	4.1630	44.705

#1	-.00323	-.00177	-.00166	.00019	-.00006	.01790	.00640	-.00005
#2	.00007	-.00224	.00011	.00240	-.00269	.01623	.00679	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	3.0086	.00071	.00039	.00152	.00022	.00392	.55523
Stddev	.00003	.0192	.00001	.00016	.00061	.00240	.00001	.00549
%RSD	120.63	.63826	2.0186	41.503	40.190	1104.0	.19358	.98884

#1	.00004	2.9950	-.00070	.00028	.00109	-.00148	.00392	.55135
#2	.00000	3.0221	-.00072	.00051	.00195	.00191	.00391	.55911

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	.00075	1.5677	.00012	.00329	.33512	.00010	.00946
Stddev	.00023	.00046	.0050	.00012	.00013	.01570	.00026	.00902
%RSD	41.715	60.787	.31826	102.20	3.8853	4.6835	262.15	95.315

#1	.00072	-.00108	1.5641	-.00003	.00338	.34622	-.00009	.00308
#2	.00039	-.00043	1.5712	-.00021	.00320	.32402	.00029	.01584

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32445	.29308	.00003	.00192	.00020	.0219	.01260	.61579
Stddev	.00276	.00263	.00107	.00268	.00124	.0016	.00004	.43440
%RSD	.85111	.89887	3550.2	139.44	619.63	7.382	.35050	70.543

#1	.32640	.29122	-.00073	.00382	.00067	.0208	.01257	.30862
#2	.32250	.29495	.00079	.00003	-.00107	.0231	.01263	.92296

Sample Name: J4220-03LX5 Acquired: 7/30/2018 14:08:08 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .74271
Stddev .46814
%RSD 63.031

#1 1.0737
#2 .41169

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1748.2	51441.	5103.7	37.980	2794.3
Stddev	1.9	220.	4.8	1.096	2.4
%RSD	.11063	.42856	.09453	1.2458	.08584

#1	1746.8	51285.	5107.1	87.205	2796.0
#2	1749.6	51597.	5100.3	88.755	2792.6

Sample Name: J4220-03MS Acquired: 7/30/2018 14:12:13 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.84151	2.0783	1.0219	2.0672	.85434	2.1753	.26339	.20707	.20406
Stddev	.00444	.0083	.0014	.0122	.00887	.0305	.00374	.00019	.00100
%RSD	.52813	.40068	.13370	.59221	1.0380	1.4007	1.4197	.09105	.48913

#1	.83837	2.0724	1.0210	2.0585	.84807	2.1538	.26074	.20720	.20336
#2	.84465	2.0842	1.0229	2.0759	.86061	2.1969	.26603	.20694	.20477

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.730	.44765	.21149	.31435	3.2827	.24355	5.0712	.52855	.07665
Stddev	.246	.00119	.00082	.00109	.0010	.00022	.1025	.00019	.00088
%RSD	1.5647	.26629	.38581	.34730	.03123	.08904	2.0221	.03579	1.1468

#1	15.556	.44849	.21091	.31358	3.2834	.24370	4.9987	.52841	.07603
#2	15.904	.44681	.21207	.31512	3.2820	.24340	5.1437	.52868	.07727

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	11.847	.33884	.22520	12.677	.45857	.34278	1.5233	2.3387	.70705
Stddev	.103	.00195	.00398	.133	.00112	.01092	.0039	.0095	.00091
%RSD	.86553	.57550	1.7652	1.0484	.24324	3.1851	.25771	.40409	.12825

#1	11.775	.33746	.22801	12.583	.45778	.33506	1.5261	2.3320	.70770
#2	11.920	.34022	.22239	12.771	.45935	.35050	1.5205	2.3454	.70641

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22188	.22313	3.032	.28909	1.6854	.08284
Stddev	.00434	.00183	.011	.00070	.0873	.21080
%RSD	1.9578	.82021	.1865	.24068	5.1815	254.45

#1	.21881	.22183	6.040	.28860	1.6237	.23190
#2	.22495	.22442	6.024	.28958	1.7472	-.06621

Sample Name: J4220-03MS Acquired: 7/30/2018 14:12:13 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1677.5	49635.	4969.6	37.723	2662.7
Stddev	4.2	144.	37.1	1.963	9.2
%RSD	.25124	.29042	.74711	2.2371	.34375
#1	1674.5	49533.	4943.3	86.336	2656.2
#2	1680.5	49737.	4995.8	89.111	2669.2

Sample Name: J4220-03MSD Acquired: 7/30/2018 14:16:06 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.83562	2.0774	1.0189	2.0686	.84983	2.1560	.26222	.20765
Stddev	.00099	.0008	.0005	.0206	.00071	.0299	.00266	.00026
%RSD	.11793	.04013	.04998	.99611	.08359	1.3870	1.0153	.12450

#1	.83492	2.0780	1.0192	2.0831	.85033	2.1348	.26034	.20783
#2	.83631	2.0768	1.0185	2.0540	.84933	2.1771	.26411	.20747

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20334	15.669	.44932	.21003	.31402	3.2864	.24377	5.1281
Stddev	.00025	.193	.00147	.00006	.00135	.1147	.00065	.0706
%RSD	.12416	1.2332	.32700	.02688	.43015	3.4897	.26780	1.3762

#1	.20352	15.532	.45036	.21007	.31307	3.2053	.24331	5.0782
#2	.20316	15.806	.44828	.20999	.31498	3.3675	.24423	5.1780

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52818	.07719	11.812	.33594	.22595	12.596	.45840	.32929
Stddev	.00004	.00034	.252	.00384	.00705	.201	.00087	.00577
%RSD	.00749	.43730	2.1307	1.1437	3.1194	1.5973	.19062	1.7528

#1	.52815	.07695	11.634	.33322	.22096	12.454	.45902	.32521
#2	.52820	.07743	11.990	.33865	.23093	12.739	.45778	.33337

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5190	2.3120	.70847	.22081	.22250	6.017	.28714	1.7041
Stddev	.0002	.0184	.00432	.00304	.00419	.000	.00551	.3735
%RSD	.01165	.79560	.60999	1.3759	1.8827	.0061	1.9197	21.919

#1	1.5189	2.2990	.71152	.21866	.21954	6.017	.28324	1.9682
#2	1.5191	2.3251	.70541	.22296	.22546	6.017	.29104	1.4400

Sample Name: J4220-03MSD Acquired: 7/30/2018 14:16:06 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<00000
Stddev	.69576
%RSD	330.38

#1	.28138
#2	-.70257

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1686.5	49773.	4999.5	37.765	2675.1
Stddev	3.8	26.	11.6	2.618	1.5
%RSD	.22364	.05123	.23125	2.9825	.05662

#1	1683.8	49755.	5007.7	89.616	2674.0
#2	1689.1	49791.	4991.3	85.914	2676.2

Sample Name: J4220-03A Acquired: 7/30/2018 14:19:58 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.84229	2.0772	1.0183	2.0580	.84884	2.1728	.26193	.20704	.20327
Stddev	.00020	.0046	.0038	.0036	.00157	.0047	.00598	.00132	.00016
%RSD	.02329	.22013	.36956	.17228	.18547	.21678	2.2815	.63702	.07870

#1	.84243	2.0804	1.0210	2.0605	.84996	2.1695	.25770	.20611	.20338
#2	.84215	2.0740	1.0156	2.0555	.84773	2.1762	.26615	.20797	.20316

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.691	.44800	.21087	.31382	3.3704	.24331	5.1089	.52930	.07667
Stddev	.286	.00073	.00059	.00040	.0909	.00181	.0948	.00070	.00040
%RSD	1.8234	.16281	.27995	.12709	2.6978	.74243	1.8555	.13164	.52602

#1	15.489	.44748	.21046	.31354	3.3061	.24204	5.0419	.52980	.07695
#2	15.893	.44851	.21129	.31410	3.4347	.24459	5.1759	.52881	.07638

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	11.824	.33587	.23252	12.596	.45613	.33205	1.5060	2.3143	.71019
Stddev	.344	.00266	.00424	.298	.00073	.01091	.0086	.0307	.00144
%RSD	2.9134	.79227	1.8235	2.3687	.16066	3.2848	.56825	1.3260	.20324

#1	11.580	.33399	.22952	12.385	.45665	.32434	1.5121	2.2926	.70917
#2	12.068	.33775	.23552	12.807	.45562	.33977	1.5000	2.3360	.71121

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22170	.22303	3.029	.28617	1.8259	1.5035
Stddev	.00579	.00416	.017	.00577	.2908	.5946
%RSD	2.6098	1.8637	.2827	2.0154	15.927	39.548

#1	.21761	.22009	6.042	.28209	2.0316	1.9240
#2	.22579	.22597	6.017	.29025	1.6203	1.0831

Sample Name: J4220-03A Acquired: 7/30/2018 14:19:58 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1694.0	49743.	4999.3	35.565	2684.6
Stddev	10.4	33.	47.5	.916	15.4
%RSD	.61450	.06589	.95044	1.0702	.57463
#1	1686.6	49720.	5032.9	86.213	2673.7
#2	1701.4	49766.	4965.7	84.918	2695.5

Sample Name: PB111586BL Acquired: 7/30/2018 14:27:55 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.00256	.00100	.00021	.00024	.00128	.00157	.00013	.00001
Stddev	.00151	.00130	.00035	.00020	.00077	.00240	.00044	.00008
%RSD	59.010	129.13	168.20	84.614	60.046	152.97	346.42	745.41
#1	-.00149	.00009	.00045	.00010	-.00074	-.00013	.00044	.00005
#2	-.00362	.00192	-.00004	.00038	-.00183	.00327	-.00018	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.01381	.00072	.00032	.00031	.00475	.00002	.00132
Stddev	.00011	.00979	.00062	.00024	.00002	.00698	.00000	.01919
%RSD	258.94	70.929	86.448	74.647	7.4470	147.03	11.345	1453.8
#1	.00012	.02074	-.00116	.00015	.00029	.00019	.00002	.01489
#2	-.00003	.00688	-.00028	.00049	.00032	-.00969	.00002	-.01225
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.00082	.23929	.00009	.00075	.03246	.00000	.00861
Stddev	.00026	.00037	.00630	.00074	.00016	.02103	.0003	.00216
%RSD	136.24	45.464	2.6346	859.90	21.940	64.784	67467.	25.104
#1	-.00037	-.00056	-.23484	-.00044	.00087	-.04733	.00021	-.01013
#2	-.00001	-.00109	-.24375	.00061	.00063	-.01759	-.00021	-.00708
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00606	.00051	.00053	.00079	.00069	.0001	.00007	F.65976
Stddev	.00017	.00362	.00098	.00104	.00064	.0008	.00002	.33272
%RSD	2.8222	711.47	185.28	131.89	93.225	612.2	23.861	50.430
#1	-.00593	-.00205	-.00016	.00005	-.00024	.0004	.00006	.89503
#2	-.00618	.00307	.00122	.00153	-.00115	-.0007	.00008	.42449

Sample Name: PB111586BL Acquired: 7/30/2018 14:27:55 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg **1.6639**
Stddev .3625
%RSD 21.789

#1 **1.4075**
#2 **1.9202**

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1751.3	51279.	5032.8	37.711	2794.2
Stddev	7.3	233.	18.4	.627	4.7
%RSD	.41839	.45497	.36498	.71456	.16866

#1	1746.1	51114.	5019.8	87.268	2790.8
#2	1756.4	51444.	5045.8	88.155	2797.5

Sample Name: PB111586BS Acquired: 7/30/2018 14:34:27 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78029	1.9813	.96020	1.9626	.79606	1.9035	.20635
Stddev	.00464	.0029	.00020	.0067	.00542	.0461	.00426
%RSD	.59470	.14464	.02129	.34129	.68061	2.4196	2.0664

#1	.77701	1.9792	.96034	1.9578	.79989	1.8709	.20333
#2	.78357	1.9833	.96005	1.9673	.79223	1.9361	.20936

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19485	.19059	1.0201	.40545	.19404	.28753	2.9641
Stddev	.00041	.00046	.0294	.00167	.00076	.00121	.0018
%RSD	.21183	.24313	2.8829	.41242	.38914	.41945	.06130

#1	.19456	.19091	.99929	.40663	.19458	.28838	2.9654
#2	.19514	.19026	1.0409	.40427	.19351	.28668	2.9628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20610	2.0509	.48871	.07235	2.7962	.30084	.20803
Stddev	.00049	.0517	.00178	.00039	.0542	.00025	.00329
%RSD	.23650	2.5189	.36392	.54245	1.9373	.08253	1.5797

#1	.20576	2.0144	.48745	.07208	2.7579	.30067	.21035
#2	.20645	2.0875	.48997	.07263	2.8345	.30102	.20570

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8685	.40532	.28513	F .00721	.85935	.65420	.19732
Stddev	.1594	.00019	.00743	.00265	.00796	.00081	.00309
%RSD	1.6156	.04677	2.6053	36.814	.92635	.12341	1.5680

#1	9.7557	.40518	.27987	-.00908	.85372	.65363	.19513
#2	9.9812	.40545	.29038	-.00533	.86498	.65477	.19951

Sample Name: PB111586BS Acquired: 7/30/2018 14:34:27 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20017	5.526	.20532	.73738	.73044
Stddev	.00459	.001	.00178	.51679	.39199
%RSD	2.2929	.0086	.86605	70.086	53.664

#1	.19692	5.526	.20406	.37195	1.0076
#2	.20341	5.525	.20658	1.1028	.45327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1742.5	50821.	5078.5	38.488	2760.5
Stddev	6.4	233.	19.7	1.883	12.0
%RSD	.36611	.45844	.38697	2.1284	.43477

#1	1738.0	50656.	5064.6	87.156	2752.0
#2	1747.1	50986.	5092.4	89.819	2769.0

Sample Name: CCV02 Acquired: 7/30/2018 14:38:21 Type: Unk

Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000

User: JASWAL/BINHE 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	5.0925	5.0795	5.0442	5.0788	5.0627	10.074	10.181	.25288
Stddev	.0043	.0039	.0087	.0045	.0070	.141	.052	.00052
%RSD	.08369	.07736	.17225	.08867	.13851	1.4036	.51271	.20688

#1	5.0895	5.0823	5.0504	5.0820	5.0677	9.9745	10.144	.25325
#2	5.0955	5.0767	5.0381	5.0756	5.0577	10.174	10.218	.25251

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5038	25.542	1.0150	2.5133	1.2474	5.0805	2.5340	25.305
Stddev	.0025	.462	.0016	.0011	.0013	.1756	.0044	.400
%RSD	.10007	1.8079	.15716	.04229	.10242	3.4570	.17226	1.5820

#1	2.5020	25.215	1.0139	2.5140	1.2483	4.9564	2.5371	25.022
#2	2.5056	25.868	1.0161	2.5125	1.2465	5.2047	2.5309	25.588

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5356	1.2663	25.170	2.5345	2.5150	25.189	5.1250	5.1350
Stddev	.0012	.0043	.145	.0053	.0621	.180	.0027	.0648
%RSD	.04614	.34246	.57445	.20707	2.4704	.71629	.05211	1.2618

#1	2.5364	1.2693	25.068	2.5383	2.4711	25.062	5.1269	5.0891
#2	2.5348	1.2632	25.272	2.5308	2.5590	25.317	5.1231	5.1808

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0234	4.9545	5.0739	5.1196	5.0364	5.133	5.0539	F2.5919
Stddev	.0116	.0143	.0070	.0563	.0261	.012	.0575	.2837
%RSD	.23051	.28834	.13793	1.0987	.51781	.2260	1.1377	10.947

#1	5.0152	4.9444	5.0690	5.0798	5.0179	5.125	5.0132	2.7925
#2	5.0316	4.9646	5.0789	5.1594	5.0548	5.141	5.0945	2.3912

Sample Name: CCV02 Acquired: 7/30/2018 14:38:21 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.1203
Stddev	.5403
%RSD	25.484

#1	2.5024
#2	1.7382

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1708.1	49293.	5125.7	37.488	2553.9
Stddev	7.5	209.	3.4	1.840	10.4
%RSD	.44078	.42431	.06620	2.1031	.40858

#1	1702.8	49145.	5123.3	88.789	2546.6
#2	1713.4	49441.	5128.1	86.187	2561.3

Sample Name: CCB02 Acquired: 7/30/2018 14:42:14 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.00095	.00368	.00118	.00075	.00403	.00179	.00002	.00010
Stddev	.00032	.00067	.00013	.00347	.00076	.00063	.00008	.00011
%RSD	33.162	18.115	10.626	462.70	18.988	34.978	440.90	106.31

#1	-.00118	.00415	.00109	.00171	-.00349	-.00135	-.00004	-.00018
#2	-.00073	.00321	.00127	-.00321	-.00457	-.00223	.00008	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.02937	.00079	.00013	.00025	.00118	.00004	.01237
Stddev	.00006	.01531	.00036	.00013	.00027	.00113	.00002	.03750
%RSD	39.573	52.131	45.815	103.24	106.97	96.047	60.463	303.07

#1	.00011	-.04019	-.00054	.00022	.00006	.00197	.00005	.01414
#2	.00019	-.01854	-.00105	.00003	.00044	.00038	.00002	-.03889

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00010	.23863	.00042	.00024	.00455	.00022	.00762
Stddev	.00036	.00007	.00304	.00094	.00007	.03296	.00036	.00808
%RSD	148.26	74.048	1.2756	224.16	28.921	724.22	164.73	106.03

#1	-.00050	.00005	-.23647	-.00108	-.00029	-.01876	-.00004	-.01334
#2	.00001	.00015	-.24078	.00024	-.00019	.02786	.00047	-.00191

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00373	.00232	.00177	.00116	.00056	.0018	.00003	F.64571
Stddev	.00332	.00105	.00103	.00172	.00008	.0020	.00011	.14405
%RSD	88.936	45.173	58.291	148.04	14.644	114.6	316.00	22.308

#1	-.00138	.00306	-.00250	-.00005	-.00051	-.0032	.00004	.74757
#2	-.00607	.00158	-.00104	.00237	-.00062	-.0003	-.00011	.54385

Sample Name: CCB02 Acquired: 7/30/2018 14:42:14 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F1.2282
Stddev .6137
%RSD 49.962

#1 1.6622
#2 .79432

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.0	51020.	5065.8	38.630	2798.5
Stddev	7.4	148.	41.6	2.632	6.6
%RSD	.42226	.28958	.82158	2.9701	.23415

#1	1747.8	50915.	5036.4	86.768	2793.8
#2	1758.3	51124.	5095.2	90.491	2803.1

Sample Name: J4200-05 Acquired: 7/30/2018 14:46:21 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.01018	-.00560	.00829	.03328	-.00241	.34503	.50961	.00013
Stddev	.00157	.00181	.00074	.00038	.00446	.02568	.00009	.00002
%RSD	15.456	32.263	8.9113	1.1377	185.16	7.4420	.01744	17.439

#1	.01129	-.00432	.00776	.03302	-.00556	.36319	.50955	.00012
#2	.00907	-.00687	.00881	.03355	.00074	.32687	.50968	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	1244.3	.01449	.01079	.04778	3.9634	.78564	37.498
Stddev	.00007	37.0	.00047	.00087	.00025	.0762	.00204	.899
%RSD	9.3450	2.9760	3.2393	8.0859	.51307	.76459	.25948	1.3323

#1	.00068	1218.2	.01482	.01018	.04761	9.9095	.78420	66.862
#2	.00077	1270.5	.01416	.01141	.04795	10.017	.78708	68.133

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03616	-.00177	212.29	.03846	1.5690	36.342	.01352	.33994
Stddev	.00027	.00066	3.12	.00036	.0166	.220	.00029	.00002
%RSD	.73356	37.247	1.4682	.94252	1.0563	.60426	2.1414	.00498

#1	.03597	-.00130	210.09	.03871	1.5573	36.187	.01332	.33993
#2	.03634	-.00223	214.49	.03820	1.5807	36.498	.01373	.33996

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F1052.4	18.235	.39423	.00458	.05550	2.359	2.8025	42.583
Stddev	6.5	.037	.00321	.00158	.00184	.009	.0030	.150
%RSD	.62206	.20072	.81378	34.583	3.3092	.3736	.10662	.35183

#1	1047.8	18.209	-.39196	-.00346	.05421	2.352	2.8004	42.689
#2	1057.1	18.261	-.39650	-.00570	.05680	2.365	2.8046	42.477

Sample Name: J4200-05 Acquired: 7/30/2018 14:46:21 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.821
Stddev	.750
%RSD	6.3425

#1	12.351
#2	11.290

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1428.2	42538.	5026.6	31.448	2084.0
Stddev	7.6	195.	14.9	.087	4.8
%RSD	.53327	.45836	.29595	.10644	.23192

#1	1422.8	42400.	5016.1	81.387	2080.6
#2	1433.6	42676.	5037.1	81.509	2087.4

Sample Name: PB111573BL Acquired: 7/30/2018 14:50:34 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00272	.00003	-.00003	-.00079	-.00145	-.00546	-.00121
Stddev	.00038	.00062	.00081	.00270	.00007	.00141	.00015
%RSD	14.031	2055.4	3057.0	340.15	4.9049	25.910	12.305

#1	-.00299	-.00041	-.00060	.00112	-.00150	-.00646	-.00110
#2	-.00245	.00047	.00055	-.00270	-.00140	-.00446	-.00131

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00014	.01969	-.00114	.00005	.00020	-.00430
Stddev	.0000	.00001	.02817	.00018	.00008	.00015	.00201
%RSD	1185.8	4.1307	143.02	15.668	182.55	73.174	46.670

#1	.00001	.00015	.03961	-.00102	.00011	.00010	-.00572
#2	-.00002	.00014	-.00022	-.00127	-.00001	.00030	-.00288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.01862	.00056	-.00074	-.22060	.00012	-.00037
Stddev	.00004	.03317	.00053	.00008	.00710	.00039	.00003
%RSD	685.70	178.10	94.879	10.930	3.2165	314.11	7.6494

#1	-.00003	.00483	.00018	-.00080	-.21558	.00040	-.00035
#2	.00002	-.04208	.00093	-.00068	-.22562	-.00015	-.00039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01647	.00004	-.00177	F_08805	-.00035	-.00096	.00191
Stddev	.03234	.00014	.00022	.00888	.00014	.00031	.00041
%RSD	196.37	352.27	12.595	10.089	38.931	32.197	21.660

#1	-.00640	.00014	-.00161	.09433	-.00045	-.00074	.00221
#2	.03934	-.00006	-.00193	.08177	-.00025	-.00118	.00162

Sample Name: PB111573BL Acquired: 7/30/2018 14:50:34 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00098	.0006	.00014	F<.00000	F1.1058
Stddev	.00050	.0010	.00005	.44276	.3385
%RSD	51.311	149.7	36.834	42.704	30.609

#1	.00134	.0000	.00017	-1.3499	.86646
#2	.00063	-.0013	.00010	-.72373	1.3451

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.7	55019.	5580.5	98.057	3006.9
Stddev	15.4	267.	16.1	.151	16.3
%RSD	.81975	.48480	.28769	.15406	.54160

#1	1863.9	54830.	5591.9	97.950	2995.3
#2	1885.6	55208.	5569.2	98.164	3018.4

Sample Name: PB111573BS Acquired: 7/30/2018 14:54:41 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77259	1.9643	.95190	1.9577	.79426	1.8918	.20483
Stddev	.00332	.0062	.00251	.0057	.00173	.0003	.00216
%RSD	.42981	.31348	.26412	.29345	.21806	.01485	1.0553

#1	.77024	1.9599	.95368	1.9618	.79548	1.8920	.20331
#2	.77494	1.9687	.95013	1.9537	.79303	1.8916	.20636

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19139	.18958	1.0210	.39969	.19242	.28513	2.9219
Stddev	.00029	.00012	.0067	.00198	.00082	.00008	.0520
%RSD	.15177	.06258	.65857	.49466	.42669	.02968	1.7790

#1	.19118	.18950	1.0162	.39829	.19301	.28507	2.8851
#2	.19159	.18967	1.0257	.40108	.19184	.28519	2.9587

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20378	1.9313	.48810	.07198	2.7745	.29786	.20042
Stddev	.00084	.0192	.00071	.00076	.0492	.00105	.00009
%RSD	.41437	.99253	.14474	1.0538	1.7748	.35344	.04529

#1	.20318	1.9178	.48760	.07251	2.7397	.29860	.20048
#2	.20437	1.9449	.48860	.07144	2.8093	.29712	.20035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7941	.40382	.28635	F .01597	.84380	.65123	.19722
Stddev	.1257	.00025	.00674	.00193	.00098	.00082	.00133
%RSD	1.2836	.06227	2.3527	12.071	.11572	.12612	.67632

#1	9.7052	.40400	.29111	.01461	.84311	.65065	.19817
#2	9.8830	.40364	.28158	.01734	.84449	.65181	.19628

Sample Name: PB111573BS Acquired: 7/30/2018 14:54:41 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19795	5.520	.20421	F<00000	F.11772
Stddev	.00174	.002	.00206	.00037	.93378
%RSD	.87692	.0299	1.0085	.07823	793.22

#1	.19672	5.521	.20275	-.47205	.77800
#2	.19918	5.519	.20566	-.47258	-.54256

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.0	53446.	5404.0	94.191	2871.1
Stddev	6.4	8.	22.0	.012	9.9
%RSD	.35399	.01443	.40642	.01309	.34641

#1	1811.4	53441.	5419.5	94.200	2864.1
#2	1820.5	53452.	5388.4	94.182	2878.1

Sample Name: J3831-03 Acquired: 7/30/2018 14:58:36 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05685	.02842	.38930	.01394	.00777	184.92	.65179
Stddev	.00456	.00065	.00152	.00669	.00081	1.64	.00371
%RSD	8.0256	2.2950	.39081	48.000	10.436	.88911	.56846

#1	.05363	-.02796	.39037	.00921	.00720	183.76	.64917
#2	.06008	-.02888	.38822	.01868	.00834	186.08	.65441

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00873	.02130	46.412	.32433	.28347	.45766	544.28
Stddev	.00001	.00035	.578	.00035	.00129	.00045	.44
%RSD	.14569	1.6564	1.2456	.10797	.45496	.09891	.07997

#1	.00872	.02105	46.004	.32408	.28256	.45733	544.59
#2	.00874	.02155	46.821	.32458	.28438	.45798	543.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4392	50.099	.35396	.01740	3.9025	1.0656	.73747
Stddev	.0280	.646	.00101	.00044	.0865	.0011	.00818
%RSD	.33139	1.0746	.28437	2.5183	1.2531	.10354	1.1094

#1	8.4194	59.642	.35325	.01771	6.8413	1.0648	.74326
#2	8.4589	60.555	.35467	.01709	6.9636	1.0664	.73169

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8189	.00069	.48844	2.6852	3.2462	.02327	9.5766
Stddev	.0834	.00006	.01552	.0152	.0341	.00129	.0726
%RSD	1.0662	7.9885	3.1778	.56424	1.0499	5.5374	.75794

#1	7.7600	.00073	.49942	2.6745	3.2703	.02418	9.5252
#2	7.8778	.00065	.47747	2.6959	3.2221	.02236	9.6279

Sample Name: J3831-03 Acquired: 7/30/2018 14:58:36 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16078	7.965	.18814	F<00000	F>2.099
Stddev	.00088	.019	.00115	.22992	.731
%RSD	.54511	.2405	.61017	.49976	.79338

#1	.16016	7.951	.18732	-45.844	92.616
#2	.16140	7.979	.18895	-46.170	91.583

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2191.6	64241.	7053.0	92.703	2444.9
Stddev	.6	18.	.2	1.070	.7
%RSD	.02685	.02750	.00238	1.1547	.02930

#1	2192.0	64253.	7053.1	91.946	2444.4
#2	2191.2	64228.	7052.9	93.460	2445.4

Sample Name: J4167-02 Acquired: 7/30/2018 15:02:39 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.00011	.00014	.00101	.00277	.00235	.05413	.21121	.00005
Stddev	.00266	.00150	.00111	.00261	.00065	.00292	.00260	.00007
%RSD	2353.2	1077.8	110.88	94.323	27.635	5.3973	1.2322	144.38

#1	-.00177	.00092	-.00022	.00092	-.00189	.05207	.20937	.00000
#2	.00200	-.00120	-.00179	.00462	-.00281	.05620	.21305	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	3.6652	.00138	.00023	.00006	.06442	.03500	4.9268
Stddev	.00005	.1004	.00048	.00039	.00014	.00644	.00018	.1166
%RSD	105.62	1.0387	35.185	167.76	241.27	9.9903	.52150	2.3665

#1	-.00001	9.5942	-.00103	-.00004	-.00015	.05987	.03487	4.8444
#2	-.00008	9.7362	-.00172	.00051	.00004	.06897	.03513	5.0092

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00053	18.707	.00028	.00084	1.7021	.00039	.05311
Stddev	.00007	.00050	.182	.00062	.00002	.0393	.00022	.00440
%RSD	29.829	94.342	.97364	223.15	2.2662	2.3110	56.265	8.2853

#1	.00029	-.00018	18.578	.00072	.00086	1.6743	.00054	.05622
#2	.00019	-.00088	18.836	-.00016	.00083	1.7300	.00023	.05000

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54483	.49435	.00014	.00464	.00461	.0007	.15130	.83634
Stddev	.00128	.00285	.00195	.00193	.00077	.0030	.00239	.01489
%RSD	.23485	.57725	1415.8	41.596	16.725	410.3	1.5822	1.7803

#1	.54392	.49233	-.00151	.00327	.00407	.0014	.14961	.84687
#2	.54573	.49637	.00124	.00600	.00516	-.0029	.15299	.82581

Sample Name: J4167-02 Acquired: 7/30/2018 15:02:39 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.4111
 Stddev 1.1826
 %RSD 34.670

#1 4.2473
 #2 2.5749

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.4	53460.	5564.3	97.994	2858.9
Stddev	7.1	21.	20.1	2.150	8.2
%RSD	.38955	.03843	.36097	2.1943	.28599

#1	1811.4	53445.	5578.5	96.473	2853.1
#2	1821.4	53474.	5550.1	99.514	2864.7

Sample Name: J4167-02DUP Acquired: 7/30/2018 15:06:42 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	.00019	.00021	.00209	.00382	.06205	.21382	.00002
Stddev	.00055	.00069	.00154	.00062	.00169	.01611	.00183	.00001
%RSD	77.035	370.01	728.41	29.832	44.333	25.957	.85765	61.232

#1	-.00110	.00030	.00130	.00165	-.00262	.07344	.21252	.00001
#2	-.00032	-.00067	-.00088	.00254	-.00502	.05066	.21511	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	3.7833	.00237	.00017	.00047	.08449	.03489	4.9745
Stddev	.00003	.0828	.00035	.00011	.00015	.00181	.00004	.0270
%RSD	54.089	.84667	14.756	65.839	32.236	2.1427	.11002	.54266

#1	.00004	9.7247	.00261	.00009	.00058	.08321	.03486	4.9554
#2	.00008	9.8418	.00212	.00025	.00036	.08577	.03492	4.9936

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00232	.00049	18.858	.00028	.00191	1.6921	.00036	.05356
Stddev	.00064	.00043	.088	.00042	.00015	.0490	.00013	.00324
%RSD	27.729	87.849	.46471	149.46	8.1059	2.8926	36.823	6.0567

#1	.00277	-.00019	18.796	-.00058	.00202	1.6575	.00046	.05127
#2	.00186	-.00080	18.920	.00002	.00180	1.7267	.00027	.05586

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54369	.48556	.00035	.00317	.00411	.0023	.15222	<.00000
Stddev	.00462	.01088	.00161	.00106	.00189	.0024	.00142	.51327
%RSD	.85039	2.2400	459.37	33.591	46.032	105.6	.92991	1199.2

#1	.54042	.49325	.00079	.00242	.00277	.0006	.15122	.32014
#2	.54696	.47786	-.00149	.00392	.00545	.0039	.15323	-.40574

Sample Name: J4167-02DUP Acquired: 7/30/2018 15:06:42 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.2605
Stddev	.8836
%RSD	39.089

#1	1.6357
#2	2.8854

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1819.2	53985.	5593.9	97.822	2869.0
Stddev	4.7	53.	20.6	.536	8.0
%RSD	.26017	.09866	.36840	.54744	.27724

#1	1815.8	54022.	5579.3	97.443	2863.4
#2	1822.5	53947.	5608.5	98.200	2874.7

Sample Name: J4167-02LX5 Acquired: 7/30/2018 15:10:45 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.00423	.00077	.00032	.00178	.00129	.01048	.04493	.00006
Stddev	.00042	.00249	.00044	.00087	.00142	.01462	.00103	.00004
%RSD	9.8242	321.63	136.41	48.994	110.30	139.48	2.3000	58.218

#1	-.00394	.00254	-.00001	.00116	-.00229	.00014	.04420	.00009
#2	-.00453	-.00099	-.00064	.00240	-.00028	.02082	.04566	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	2.0270	.00040	.00014	.00015	.01201	.00747	1.0107
Stddev	.00001	.0171	.00061	.00027	.00042	.00049	.00001	.0614
%RSD	4.8354	.84513	151.38	190.07	279.46	4.0522	.06957	6.0788

#1	.00012	2.0149	.00003	.00033	.00045	.01236	.00748	.96725
#2	.00013	2.0392	-.00084	-.00005	-.00015	.01167	.00747	1.0541

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	.00059	3.7543	.00011	.00012	.34416	.00017	.01462
Stddev	.00008	.00020	.0585	.00007	.00004	.01844	.00012	.00223
%RSD	23.652	35.024	1.5585	65.095	34.274	5.3566	69.630	15.272

#1	.00029	-.00073	3.7129	-.00006	.00015	.33112	.00025	.01304
#2	.00041	-.00044	3.7957	-.00016	.00009	.35719	.00009	.01620

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11604	.10838	.00057	.00098	.00016	.0020	.03168	<.00000
Stddev	.00381	.00384	.00039	.00054	.00109	.0017	.00030	.29946
%RSD	3.2855	3.5392	68.954	54.363	700.89	83.15	.95727	147.14

#1	.11873	.10567	.00029	.00136	-.00093	-.0008	.03146	-.41527
#2	.11334	.11109	.00084	.00061	.00062	-.0032	.03189	.00823

Sample Name: J4167-02LX5 Acquired: 7/30/2018 15:10:45 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .88757
Stddev .09204
%RSD 10.370

#1 .82249
#2 .95266

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.9	53917.	5519.9	94.389	2942.2
Stddev	11.9	24.	6.0	.601	12.2
%RSD	.64851	.04378	.10959	.63677	.41365

#1	1832.4	53901.	5515.6	94.814	2933.6
#2	1849.3	53934.	5524.1	93.964	2950.8

Sample Name: J4167-02MS Acquired: 7/30/2018 15:14:49 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.85122	2.1340	1.0249	2.1898	.84988	2.1413	.42547	.21000
Stddev	.00349	.0109	.0055	.0048	.00404	.0099	.00833	.00054
%RSD	.40970	.51176	.53309	.22117	.47560	.46045	1.9587	.25862
#1	.84875	2.1262	1.0211	2.1863	.84702	2.1483	.41958	.20962
#2	.85368	2.1417	1.0288	2.1932	.85273	2.1344	.43137	.21039
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20586	10.599	.42783	.20697	.30403	3.1735	.24802	3.9539
Stddev	.00075	.086	.00103	.00037	.00151	.1152	.00093	.0725
%RSD	.36261	.81272	.24003	.17697	.49735	3.6285	.37695	1.0429
#1	.20533	10.538	.42710	.20671	.30296	3.0921	.24736	6.9026
#2	.20639	10.660	.42855	.20723	.30510	3.2549	.24868	7.0052
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52351	.07627	21.640	.31849	.20900	12.281	.43205	.34323
Stddev	.00325	.00095	.372	.00234	.00708	.073	.00172	.00296
%RSD	.62149	1.2461	1.7209	.73358	3.3857	.59722	.39855	.86171
#1	.52121	.07560	21.377	.31684	.20400	12.229	.43083	.34113
#2	.52581	.07694	21.904	.32014	.21400	12.333	.43327	.34532
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51663	1.3836	.70540	.21433	.21697	3.225	.36276	<.00000
Stddev	.00656	.0319	.00256	.00319	.00323	.036	.00504	.28854
%RSD	1.2695	2.3033	.36226	1.4904	1.4876	.5850	1.3898	218.72
#1	.52127	1.3611	.70721	.21207	.21469	6.200	.35920	.07211
#2	.51199	1.4062	.70359	.21659	.21925	6.251	.36633	-.33595

Sample Name: J4167-02MS Acquired: 7/30/2018 15:14:49 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0018
Stddev	.7456
%RSD	74.421

#1	1.5290
#2	.47462

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.7	53261.	5497.5	96.967	2841.2
Stddev	4.9	228.	43.1	2.468	15.0
%RSD	.26657	.42802	.78402	2.5450	.52795

#1	1819.3	53100.	5528.0	98.712	2830.6
#2	1826.1	53422.	5467.0	95.222	2851.8

Sample Name: J4167-02MSD Acquired: 7/30/2018 15:18:42 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.88207	2.2179	1.0661	2.2743	.88069	2.2096	.43163	.21636	.21347
Stddev	.00569	.0125	.0003	.0022	.00074	.0045	.00692	.00076	.00033
%RSD	.64524	.56331	.02437	.09845	.08418	.20387	1.6024	.35181	.15342

#1	.87805	2.2090	1.0663	2.2727	.88121	2.2064	.42673	.21582	.21324
#2	.88610	2.2267	1.0659	2.2758	.88017	2.2127	.43652	.21690	.21370

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.648	.44139	.21574	.31688	3.3254	.25531	7.0599	.54414	.07942
Stddev	.083	.00584	.00079	.00002	.0572	.00153	.1709	.00024	.00105
%RSD	.78362	1.3229	.36469	.00775	1.7213	.60039	2.4206	.04396	1.3193

#1	10.589	.43726	.21519	.31687	3.2850	.25423	6.9391	.54397	.07868
#2	10.707	.44552	.21630	.31690	3.3659	.25640	7.1808	.54430	.08016

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.732	.32933	.21878	12.640	.44577	.36088	.52460	1.4248	.72582
Stddev	.325	.00280	.00310	.194	.00024	.00597	.00056	.0169	.00405
%RSD	1.4974	.84966	1.4169	1.5308	.05342	1.6555	.10700	1.1877	.55787

#1	21.502	.32735	.21658	12.503	.44560	.35665	.52499	1.4128	.72295
#2	21.962	.33131	.22097	12.777	.44594	.36510	.52420	1.4367	.72868

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21849	.22385	6.465	.37213	.22485	.74725
Stddev	.00247	.00070	.001	.00633	.46931	.23925
%RSD	1.1321	.31234	.0208	1.7000	208.72	32.017

#1	.21674	.22335	6.466	.36766	.55670	.91643
#2	.22024	.22434	6.464	.37661	-.10700	.57808

Sample Name: J4167-02MSD Acquired: 7/30/2018 15:18:42 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.1	53048.	5489.9	95.549	2820.3
Stddev	15.5	4.	33.7	.347	21.8
%RSD	.85784	.00770	.61365	.36326	.77425
#1	1799.1	53045.	5513.7	95.794	2804.8
#2	1821.1	53051.	5466.1	95.303	2835.7

Sample Name: J4167-02A Acquired: 7/30/2018 15:22:34 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.88225	2.2195	1.0666	2.2844	.87972	2.2025	.43560	.21841	.21412
Stddev	.00465	.0002	.0022	.0033	.00701	.0283	.00383	.00016	.00005
%RSD	.52660	.00829	.21117	.14397	.79698	1.2843	.87952	.07214	.02460

#1	.87896	2.2194	1.0650	2.2821	.87476	2.1825	.43289	.21830	.21416
#2	.88553	2.2196	1.0682	2.2867	.88467	2.2225	.43831	.21852	.21409

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.657	.44436	.21632	.31902	3.3901	.25664	7.1423	.54535	.07949
Stddev	.080	.00172	.00003	.00112	.1720	.00036	.1532	.00202	.00010
%RSD	.75477	.38610	.01450	.35036	5.0723	.14135	2.1456	.37039	.12864

#1	10.600	.44314	.21629	.31823	3.2685	.25639	7.0339	.54392	.07941
#2	10.714	.44557	.21634	.31981	3.5117	.25690	7.2507	.54678	.07956

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.913	.33065	.22299	12.785	.44636	.35715	.51783	1.4363	.72436
Stddev	.201	.00143	.00490	.085	.00043	.00501	.01009	.0137	.00013
%RSD	.91633	.43176	2.1971	.66502	.09630	1.4040	1.9483	.95329	.01831

#1	21.771	.32964	.21952	12.725	.44667	.35361	.51070	1.4266	.72446
#2	22.055	.33166	.22645	12.845	.44606	.36070	.52497	1.4460	.72427

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22198	.22575	6.469	.37371	.29169	.82420
Stddev	.00458	.00167	.001	.00363	.13742	.88808
%RSD	2.0647	.74039	.0156	.97222	47.110	107.75

#1	.21874	.22457	6.468	.37114	.19453	1.4522
#2	.22522	.22693	6.470	.37628	.38886	.19624

Sample Name: J4167-02A Acquired: 7/30/2018 15:22:34 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1812.6	53433.	5479.1	94.384	2828.5
Stddev	.3	88.	13.7	1.942	.1
%RSD	.01638	.16556	.25086	2.0579	.00379
#1	1812.9	53496.	5469.4	95.758	2828.4
#2	1812.4	53371.	5488.8	93.011	2828.6

Sample Name: CCV03 Acquired: 7/30/2018 15:26:27 Type: Unk

Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000

User: JASWAL/BINHE 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	5.0230	5.0033	4.9649	5.0446	5.0294	9.9610	10.194	24591
Stddev	.0142	.0014	.0048	.0270	.0205	.1479	.009	.00158
%RSD	.28232	.02802	.09701	.53434	.40777	1.4848	.08558	.64131

#1	5.0330	5.0023	4.9683	5.0636	5.0439	9.8565	10.201	24480
#2	5.0129	5.0043	4.9615	5.0255	5.0149	10.066	10.188	24703

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4688	25.074	99152	2.4787	1.2312	4.9608	2.4881	24.742
Stddev	.0004	.139	.00367	.0028	.0043	.0665	.0060	.107
%RSD	.01544	.55304	.37035	.11327	.34492	1.3412	.24098	.43126

#1	2.4685	24.976	98893	2.4807	1.2342	4.9138	2.4838	24.667
#2	2.4690	25.172	99412	2.4767	1.2282	5.0079	2.4923	24.818

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4834	1.2423	25.007	2.4874	2.4378	25.021	5.0615	4.9740
Stddev	.0063	.0029	.008	.0008	.0185	.001	.0084	.0233
%RSD	.25406	.23601	.03148	.03356	.75767	.00361	.16681	.46794

#1	2.4879	1.2444	25.001	2.4868	2.4248	25.021	5.0674	4.9576
#2	2.4790	1.2402	25.012	2.4879	2.4509	25.020	5.0555	4.9905

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9647	4.8600	4.9702	5.0532	5.0002	5.085	5.0240	F1.7697
Stddev	.0008	.0515	.0095	.0029	.0034	.018	.0477	.3972
%RSD	.01557	1.0588	.19103	.05643	.06906	.3499	.94912	22.445

#1	4.9652	4.8964	4.9769	5.0512	5.0027	5.097	4.9903	2.0506
#2	4.9641	4.8236	4.9634	5.0553	4.9978	5.072	5.0577	1.4889

Sample Name: CCV03 Acquired: 7/30/2018 15:26:27 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F1.9474
Stddev .1959
%RSD 10.060

#1 1.8088
#2 2.0859

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1769.7	51683.	5411.8	91.862	2648.7
Stddev	7.9	113.	66.0	.437	9.7
%RSD	.44765	.21835	1.2202	.47518	.36547

#1	1764.1	51603.	5365.1	92.171	2641.9
#2	1775.3	51763.	5458.5	91.554	2655.6

Sample Name: CCB03 Acquired: 7/30/2018 15:30:18 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	.00171	.00071	.00017	.00105	.00354	.00055
Stddev	.00037	.00063	.00068	.00170	.00076	.00153	.00055
%RSD	56.001	37.003	95.897	972.09	72.116	43.104	98.670

#1	.00040	.00126	-.00023	-.00138	-.00159	.00246	-.00094
#2	.00093	.00216	-.00120	.00103	-.00052	.00462	-.00017

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00001	.00179	.00029	.00014	.00010	.01339
Stddev	.00001	.00003	.00014	.00014	.00021	.00015	.00226
%RSD	18.245	292.73	7.7157	48.534	148.46	148.14	16.902

#1	.00003	.00001	.00169	-.00019	-.00001	.00000	-.01179
#2	.00004	-.00003	.00188	-.00039	.00028	.00020	-.01499

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00208	.00031	.00020	.25964	.00044	.00047
Stddev	.00001	.05510	.00090	.00034	.01161	.00026	.00007
%RSD	31.938	2648.9	294.49	169.72	4.4705	59.341	13.966

#1	-.00002	.03688	.00094	-.00045	-.26785	-.00063	-.00052
#2	-.00004	-.04104	-.00033	.00004	-.25143	-.00026	-.00043

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01523	.00020	.00805	.00011	.00048	.00005	.00131
Stddev	.01485	.00028	.00543	.00159	.00088	.00049	.00010
%RSD	97.541	134.91	67.520	1460.2	182.63	1021.7	7.5444

#1	.00472	.00040	.00420	.00124	-.00110	-.00030	.00138
#2	.02573	.00001	.01189	-.00102	.00014	.00039	.00124

Sample Name: CCB03 Acquired: 7/30/2018 15:30:18 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00069	.0023	.00004	F<.00000	F.71164
Stddev	.00122	.0017	.00001	.15805	.15363
%RSD	177.72	72.38	37.950	33.546	21.588

#1	-.00155	-.0035	.00003	-.58291	.82027
#2	.00018	-.0011	.00005	-.35939	.60301

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.6	54382.	5442.1	94.939	2963.7
Stddev	.7	152.	7.1	2.793	.5
%RSD	.03663	.27953	.12958	2.9420	.01848

#1	1845.0	54275.	5437.1	96.914	2963.4
#2	1844.1	54490.	5447.1	92.964	2964.1

Sample Name: J3831-03DUP Acquired: 7/30/2018 15:34:24 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05770	.02667	.35896	.01987	.00605	185.14	.64411
Stddev	.00206	.00478	.00309	.00220	.00155	1.11	.00334
%RSD	3.5618	17.926	.86016	11.070	25.610	.59958	.51802

#1	.05915	-.02329	.35677	.02142	.00495	184.36	.64175
#2	.05625	-.03005	.36114	.01831	.00715	185.93	.64647

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00881	.02038	45.470	.32647	.28126	.46583	.555.79
Stddev	.00001	.00131	.559	.00186	.00107	.00259	6.08
%RSD	.15213	6.4324	1.2288	.57006	.38205	.55654	1.0934

#1	.00880	.01945	45.075	.32778	.28050	.46400	560.09
#2	.00882	.02131	45.865	.32515	.28202	.46767	551.49

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3472	58.428	.35729	.01814	3.8637	1.0826	.75664
Stddev	.0031	.532	.00191	.00038	.0779	.0004	.01534
%RSD	.03739	.91013	.53492	2.0824	1.1344	.03291	2.0273

#1	8.3450	58.052	.35594	.01841	6.8087	1.0829	.76749
#2	8.3494	58.804	.35864	.01787	6.9188	1.0824	.74580

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6719	.00087	.56706	2.7221	3.2075	.02231	9.5039
Stddev	.0465	.00001	.01932	.0050	.0092	.00148	.0828
%RSD	.60617	1.2868	3.4076	.18277	.28706	6.6403	.87123

#1	7.6390	.00088	.58073	2.7185	3.2140	.02126	9.4453
#2	7.7048	.00086	.55340	2.7256	3.2010	.02336	9.5624

Sample Name: J3831-03DUP Acquired: 7/30/2018 15:34:24 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15816	7.921	.18760	F<00000	F>2.409
Stddev	.00160	.010	.00039	.13721	.560
%RSD	1.0117	.1212	.20525	.29166	.60619

#1	.15703	7.928	.18733	-47.143	92.805
#2	.15929	7.914	.18788	-46.949	92.013

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2201.7	34418.	7070.1	31.529	2458.2
Stddev	15.6	184.	14.1	2.012	11.7
%RSD	.70971	.28517	.19905	2.1986	.47464

#1	2190.6	64288.	7060.2	90.106	2450.0
#2	2212.7	64548.	7080.1	92.952	2466.5

Sample Name: J3831-03LX5 Acquired: 7/30/2018 15:38:29 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01274	.00567	.07251	.00175	.00206	41.166	.15320
Stddev	.00270	.00048	.00117	.00380	.00032	.046	.00107
%RSD	21.181	8.3843	1.6152	216.96	15.513	.11217	.69549

#1	.01083	-.00601	.07334	.00444	-.00184	41.134	.15245
#2	.01465	-.00534	.07169	-.00094	-.00229	41.199	.15396

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00201	.00239	11.128	.07742	.05252	.12575	106.97
Stddev	.00004	.00012	.127	.00017	.00011	.00210	1.64
%RSD	1.9467	4.8501	1.1424	.22374	.21236	1.6661	1.5352

#1	.00198	.00248	11.038	.07754	.05260	.12724	105.81
#2	.00203	.00231	11.218	.07730	.05244	.12427	108.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0982	14.150	.06748	.00183	1.3985	.25285	.14783
Stddev	.0034	.335	.00011	.00050	.0288	.00050	.00070
%RSD	.16402	2.3643	.15593	27.528	2.0580	.19932	.47480

#1	2.1007	13.913	.06740	.00147	1.3782	.25321	.14733
#2	2.0958	14.386	.06755	.00219	1.4189	.25250	.14833

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7475	.00005	.08714	.49175	.78027	.00414	2.3015
Stddev	.0453	.00031	.00158	.00336	.02139	.00113	.0386
%RSD	2.5933	570.38	1.8171	.68264	2.7409	27.394	1.6794

#1	1.7154	.00028	.08602	.48937	.76515	.00494	2.2742
#2	1.7795	-.00017	.08826	.49412	.79540	.00334	2.3289

Sample Name: J3831-03LX5 Acquired: 7/30/2018 15:38:29 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03621	1.461	.04472	F<00000	28.079
Stddev	.00052	.001	.00040	.03934	.906
%RSD	1.4473	.0345	.89170	.43329	3.2263

#1	.03658	1.461	.04444	-9.0525	28.719
#2	.03584	1.462	.04500	-9.1081	27.438

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1906.0	55816.	5829.7	96.424	2762.1
Stddev	12.0	238.	20.6	.528	9.0
%RSD	.62913	.42566	.35397	.54771	.32607

#1	1897.5	55648.	5844.3	96.797	2755.8
#2	1914.4	55984.	5815.1	96.050	2768.5

Sample Name: J3831-03MS Acquired: 7/30/2018 15:42:29 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75002	2.1461	1.4604	1.7262	.71472	183.25	.81638
Stddev	.00766	.0055	.0061	.0006	.00188	1.52	.01188
%RSD	1.0218	.25403	.41540	.03219	.26240	.82818	1.4554

#1	.74460	2.1500	1.4647	1.7266	.71339	182.18	.80797
#2	.75544	2.1423	1.4561	1.7258	.71605	184.33	.82478

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18329	.24157	46.391	.65592	.50435	.70505	.537.14
Stddev	.00152	.00262	.784	.00513	.00079	.01232	16.32
%RSD	.83073	1.0861	1.6898	.78160	.15755	1.7476	3.0387

#1	.18221	.24343	45.837	.65230	.50491	.71376	525.60
#2	.18437	.23972	46.945	.65955	.50378	.69634	548.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3912	50.484	.90945	.08324	9.4696	1.3072	.93090
Stddev	.0280	1.157	.00078	.00201	.1370	.0091	.02277
%RSD	.33332	1.9127	.08582	2.4088	1.4471	.69521	2.4464

#1	8.3714	59.666	.90890	.08182	9.3727	1.3008	.91479
#2	8.4110	61.302	.91001	.08465	9.5665	1.3136	.94700

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.707	.35145	.74487	2.6456	4.1243	.78498	9.5604
Stddev	.271	.00120	.01905	.0064	.0320	.00170	.1501
%RSD	1.6206	.34105	2.5573	.24052	.77650	.21620	1.5698

#1	16.515	.35061	.73140	2.6501	4.1469	.78378	9.4543
#2	16.898	.35230	.75833	2.6411	4.1016	.78618	9.6665

Sample Name: J3831-03MS Acquired: 7/30/2018 15:42:29 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33895	14.60	.36500	F<00000	38.072
Stddev	.00436	.02	.00584	.26871	1.588
%RSD	1.2868	.1088	1.6012	.59045	1.8032
#1	.33586	14.61	.36087	-45.700	86.949
#2	.34203	14.59	.36913	-45.320	89.195
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2176.6	64166.	6983.5	92.813	2437.3
Stddev	4.5	25.	55.6	2.179	1.0
%RSD	.20682	.03890	.79551	2.3481	.04131
#1	2179.8	64148.	7022.8	94.354	2438.0
#2	2173.4	64183.	6944.3	91.272	2436.6

Sample Name: J3831-03MSD Acquired: 7/30/2018 15:46:28 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75378	2.1583	1.4655	1.7361	.72147	183.97	.81954
Stddev	.00366	.0014	.0023	.0097	.00036	1.61	.00545
%RSD	.48502	.06566	.15962	.55710	.05046	.87458	.66540

#1	.75119	2.1593	1.4638	1.7292	.72173	182.84	.81568
#2	.75636	2.1573	1.4671	1.7429	.72121	185.11	.82339

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18499	.24345	46.524	.65824	.50673	.70956	536.09
Stddev	.00071	.00258	.360	.00311	.00138	.01010	19.48
%RSD	.38186	1.0602	.77453	.47190	.27168	1.4237	3.6342

#1	.18449	.24527	46.269	.65605	.50770	.71671	522.31
#2	.18549	.24162	46.779	.66044	.50575	.70242	549.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4824	50.616	.91649	.08350	9.4887	1.3141	.93153
Stddev	.0019	.633	.00247	.00123	.0673	.0014	.02564
%RSD	.02223	1.0436	.26900	1.4712	.70951	.10366	2.7530

#1	8.4810	60.168	.91824	.08263	9.4411	1.3132	.91339
#2	8.4837	61.063	.91475	.08436	9.5363	1.3151	.94966

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.722	.35334	.73902	2.6598	4.1504	.79382	9.5986
Stddev	.084	.00173	.03839	.0030	.0499	.00196	.0436
%RSD	.50410	.48920	5.1947	.11124	1.2029	.24672	.45405

#1	16.662	.35212	.71187	2.6619	4.1857	.79521	9.5678
#2	16.781	.35457	.76616	2.6577	4.1151	.79244	9.6294

Sample Name: J3831-03MSD Acquired: 7/30/2018 15:46:28 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34355	14.68	.36470	F<00000	38.460
Stddev	.00314	.03	.00212	.14454	.097
%RSD	.91402	.2162	.58017	.31779	.10919

#1	.34133	14.71	.36321	-45.380	88.528
#2	.34577	14.66	.36620	-45.584	88.391

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2168.9	63665.	6948.5	92.702	2424.4
Stddev	1.8	81.	21.7	2.529	8.7
%RSD	.08527	.12730	.31288	2.7281	.35884

#1	2167.6	63607.	6933.2	94.490	2418.3
#2	2170.2	63722.	6963.9	90.914	2430.6

Sample Name: J3831-03A Acquired: 7/30/2018 15:50:28 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75898	2.1489	1.4579	1.7352	.71760	180.55	.80687
Stddev	.00234	.0008	.0039	.0029	.00396	2.22	.01876
%RSD	.30870	.03720	.26956	.16740	.55195	1.2321	2.3247

#1	.76063	2.1483	1.4552	1.7372	.72040	178.98	.79361
#2	.75732	2.1494	1.4607	1.7331	.71480	182.13	.82014

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18493	.24278	45.816	.66218	.50479	.70978	534.09
Stddev	.00097	.00196	1.073	.00075	.00053	.00715	10.13
%RSD	.52561	.80672	2.3418	.11340	.10579	1.0080	1.8971

#1	.18424	.24417	45.058	.66165	.50517	.71484	526.92
#2	.18561	.24140	46.575	.66271	.50442	.70472	541.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4453	59.570	.91492	.08334	9.3310	1.3141	.93817
Stddev	.0254	1.480	.00017	.00169	.2192	.0020	.00144
%RSD	.30032	2.4840	.01882	2.0259	2.3492	.15028	.15330

#1	8.4632	58.524	.91505	.08214	9.1760	1.3155	.93715
#2	8.4273	60.617	.91480	.08453	9.4859	1.3127	.93919

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.470	.35316	.73970	2.6449	4.0307	.78706	9.4519
Stddev	.413	.00082	.01123	.0084	.0004	.00105	.2078
%RSD	2.5068	.23093	1.5176	.31837	.00902	.13308	2.1987

#1	16.178	.35374	.73176	2.6390	4.0310	.78780	9.3050
#2	16.762	.35259	.74763	2.6509	4.0304	.78632	9.5989

Sample Name: J3831-03A Acquired: 7/30/2018 15:50:28 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33766	14.66	.35765	F<00000	F 30.312
Stddev	.00755	.00	.00607	.41782	.616
%RSD	2.2350	.0057	1.6959	.90789	.68162

#1	.33233	14.66	.35336	-45.726	89.877
#2	.34300	14.66	.36194	-46.317	90.747

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2167.6	63758.	6972.9	91.877	2426.6
Stddev	9.1	118.	47.8	.167	9.3
%RSD	.41809	.18486	.68572	.18201	.38385

#1	2161.2	63675.	7006.7	91.995	2420.1
#2	2174.0	63842.	6939.1	91.759	2433.2

Sample Name: J4210-01 Acquired: 7/30/2018 15:54:30 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17895	.00842	.36042	.00846	.00689	190.52	.91032
Stddev	.00036	.00194	.00196	.00638	.00019	2.44	.01266
%RSD	.20155	22.988	.54336	75.367	2.7449	1.2786	1.3904

#1	.17920	-.00705	.36180	.00395	.00675	188.79	.90137
#2	.17869	-.00979	.35903	.01297	.00702	192.24	.91927

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00782	.01701	23.141	.17337	.15079	.26844	416.83
Stddev	.00009	.00125	.341	.00111	.00016	.00456	11.27
%RSD	1.1793	7.3206	1.4745	.64115	.10893	1.6999	2.7036

#1	.00776	.01789	22.900	.17258	.15090	.27167	408.86
#2	.00789	.01613	23.382	.17416	.15067	.26522	424.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.793	38.788	.35077	.00855	.01758	.30519	1.8442
Stddev	.004	.733	.00027	.00128	.00169	.00001	.0282
%RSD	.02405	1.8894	.07586	14.943	9.6115	.00393	1.5279

#1	14.790	38.270	.35096	.00765	-.01877	.30520	1.8243
#2	14.795	39.306	.35059	.00945	-.01638	.30518	1.8641

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0879	.02979	.14219	2.8334	4.1179	.01008	1.0922
Stddev	.1195	.00023	.01367	.0075	.0047	.00307	.0333
%RSD	1.4775	.78507	9.6129	.26512	.11383	30.461	3.0518

#1	8.0034	.02995	.13253	2.8281	4.1212	.01226	1.0687
#2	8.1724	.02962	.15186	2.8387	4.1146	.00791	1.1158

Sample Name: J4210-01 Acquired: 7/30/2018 15:54:30 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24214	16.31	.14750	F<00000	79.800
Stddev	.00334	.04	.00149	.78494	1.245
%RSD	1.3774	.2393	1.0082	2.1326	1.5598

#1	.23978	16.34	.14645	-36.252	78.920
#2	.24450	16.29	.14855	-37.362	80.681

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.3	57902.	3410.5	94.873	2564.2
Stddev	7.2	4.	16.5	1.216	12.7
%RSD	.36410	.00726	.25809	1.2812	.49349

#1	1961.2	57905.	6422.2	95.733	2555.3
#2	1971.4	57899.	6398.8	94.014	2573.2

Sample Name: J4217-01 Acquired: 7/30/2018 15:58:31 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04649	.01018	.34007	.00479	.00135	102.41	.76078
Stddev	.00064	.00000	.00179	.00181	.00057	1.21	.01221
%RSD	1.3676	.03773	.52755	37.713	42.287	1.1767	1.6054

#1	.04604	-.01018	.34134	.00607	.00175	101.56	.75214
#2	.04694	-.01017	.33881	.00351	.00094	103.26	.76942

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00655	.00633	117.41	.18634	.08679	.12880	.227.91
Stddev	.00011	.00054	1.92	.00280	.00009	.00185	5.98
%RSD	1.7110	8.5812	1.6380	1.5014	.09988	1.4343	2.6240

#1	.00647	.00671	116.05	.18436	.08685	.13010	223.68
#2	.00663	.00594	118.77	.18832	.08673	.12749	232.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5411	37.111	.19891	.00387	3.7226	.27951	.65053
Stddev	.0003	.560	.00036	.00037	.0391	.00254	.00780
%RSD	.00699	1.5097	.18275	9.5065	1.0516	.90780	1.1985

#1	4.5408	36.715	.19916	.00361	3.6949	.27771	.64502
#2	4.5413	37.507	.19865	.00413	3.7502	.28130	.65604

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.009	.00410	.09246	.81452	5.1376	.06338	1.6225
Stddev	.261	.00038	.00260	.00024	.0662	.00026	.0301
%RSD	2.1771	9.2589	2.8090	.02896	1.2890	.41234	1.8545

#1	11.824	.00436	.09062	.81436	5.0908	.06357	1.6013
#2	12.194	.00383	.09429	.81469	5.1845	.06320	1.6438

Sample Name: J4217-01 Acquired: 7/30/2018 15:58:31 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20559	4.790	.19301	F<00000	48.901
Stddev	.00388	.009	.00215	.37570	.345
%RSD	1.8895	.1981	1.1124	2.2272	.70575

#1	.20284	4.797	.19149	-16.604	49.145
#2	.20834	4.783	.19453	-17.135	48.657

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1946.6	56976.	6136.2	92.637	2585.5
Stddev	5.5	78.	3.1	.975	.6
%RSD	.28100	.13759	.05049	1.0530	.02477

#1	1950.5	56921.	6138.3	93.327	2585.9
#2	1942.8	57032.	6134.0	91.948	2585.0

Sample Name: J4217-05 Acquired: 7/30/2018 16:02:29 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05571	.01097	.73262	.00680	.00492	148.03	2.0829
Stddev	.00294	.00174	.00355	.00860	.00147	.55	.0071
%RSD	5.2737	15.887	.48399	126.38	29.815	.36940	.34292

#1	.05779	-.01220	.73011	.00072	.00596	147.65	2.0778
#2	.05363	-.00974	.73513	.01288	.00389	148.42	2.0880

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01021	.01174	38.533	.26000	.14439	.25636	326.18
Stddev	.00008	.00089	.143	.00243	.00063	.00501	8.52
%RSD	.83170	7.5505	.37006	.93637	.43765	1.9551	2.6106

#1	.01027	.01111	38.433	.25828	.14394	.25281	332.20
#2	.01015	.01237	38.634	.26173	.14484	.25990	320.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2900	30.377	.36230	.00812	2.1207	.36371	1.5178
Stddev	.0025	.279	.00107	.00105	.0119	.00222	.0409
%RSD	.04792	.46269	.29567	12.945	.56066	.61051	2.6920

#1	5.2918	60.179	.36154	.00886	2.1123	.36214	1.5467
#2	5.2882	60.574	.36306	.00737	2.1291	.36528	1.4889

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.585	.00399	.16608	1.5319	4.3312	.02809	1.9770
Stddev	.069	.00037	.02662	.0028	.0353	.00017	.0101
%RSD	.47104	9.2416	16.027	.18279	.81515	.60139	.51360

#1	14.536	.00373	.18491	1.5339	4.3062	.02821	1.9698
#2	14.633	.00425	.14726	1.5299	4.3562	.02797	1.9841

Sample Name: J4217-05 Acquired: 7/30/2018 16:02:29 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.31904	5.996	.20164	F<00000	35.292
Stddev	.00128	.014	.00042	.23875	.762
%RSD	.40220	.1925	.20752	.83651	1.1664

#1	.31814	6.987	.20134	-28.710	65.830
#2	.31995	7.006	.20194	-28.372	64.753

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.8	51507.	3677.9	35.005	2540.0
Stddev	10.0	80.	15.0	2.909	7.0
%RSD	.47811	.13057	.22451	3.0623	.27401

#1	2089.8	61450.	6667.3	92.948	2535.1
#2	2103.9	61564.	6688.5	97.062	2545.0

Sample Name: J4218-03 Acquired: 7/30/2018 16:06:23 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07421	.01231	.77678	.01019	.00304	159.31	1.2681
Stddev	.00149	.00138	.00001	.00199	.00154	1.10	.0159
%RSD	2.0124	11.204	.00111	19.530	50.835	.69032	1.2573

#1	.07526	-.01328	.77678	.00878	.00195	158.53	1.2568
#2	.07315	-.01133	.77679	.01160	.00413	160.09	1.2794

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01705	.01182	33.098	.26857	.14892	.13115	338.16
Stddev	.00002	.00050	.495	.00114	.00032	.00056	4.13
%RSD	.10618	4.2369	1.4951	.42478	.21334	.42854	1.2201

#1	.01704	.01217	32.748	.26938	.14870	.13155	335.25
#2	.01706	.01147	33.448	.26777	.14915	.13075	341.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6596	35.430	.31888	.01247	7.8908	.38153	1.8361
Stddev	.0317	1.048	.00065	.00024	.0945	.00052	.0082
%RSD	.56053	1.6011	.20470	1.9630	1.1982	.13537	.44496

#1	5.6821	64.689	.31842	.01229	7.8240	.38190	1.8304
#2	5.6372	66.170	.31934	.01264	7.9577	.38117	1.8419

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.621	.00052	.21589	.90485	4.1842	.01708	4.9742
Stddev	.363	.00003	.00243	.01002	.0233	.00193	.0601
%RSD	1.2695	6.3381	1.1240	1.1077	.55765	11.312	1.2075

#1	28.364	-.00050	.21760	.89777	4.1677	.01571	4.9317
#2	28.878	-.00054	.21417	.91194	4.2007	.01844	5.0166

Sample Name: J4218-03 Acquired: 7/30/2018 16:06:23 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19442	.208	.20065	F<.00000	30.460
Stddev	.00208	.017	.00202	.05778	.955
%RSD	1.0706	.1870	1.0045	.19034	1.5798

#1	.19295	9.196	.19923	-30.395	61.135
#2	.19589	9.220	.20208	-30.314	59.784

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2341.9	68418.	7248.3	91.519	2505.5
Stddev	2.1	55.	32.3	.119	1.4
%RSD	.08895	.08029	.44503	.12963	.05593

#1	2340.4	68379.	7271.1	91.603	2504.5
#2	2343.3	68456.	7225.5	91.436	2506.5

Sample Name: J4218-07 Acquired: 7/30/2018 16:10:21 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08836	.01105	.58807	.00640	.00052	99.696	.60562
Stddev	.00436	.00233	.00257	.00118	.00217	.985	.00073
%RSD	4.9388	21.107	.43700	18.366	419.77	.98817	.12011

#1	.08527	-.01270	.58989	.00557	-.00205	98.999	.60510
#2	.09144	-.00940	.58625	.00724	.00102	100.39	.60613

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01325	.00880	23.256	.19813	.10419	.28182	206.48
Stddev	.00011	.00015	.134	.00011	.00065	.00231	1.23
%RSD	.84277	1.6733	.57477	.05683	.62731	.82086	.59555

#1	.01317	.00890	23.161	.19821	.10465	.28019	205.62
#2	.01333	.00869	23.350	.19805	.10373	.28346	207.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8473	35.684	.18603	.00681	15.118	.41997	2.2047
Stddev	.0011	.166	.00016	.00020	.010	.00076	.0107
%RSD	.06049	.25211	.08672	2.9384	.06590	.18075	.48342

#1	1.8465	65.567	.18591	.00667	15.111	.42051	2.2123
#2	1.8481	65.801	.18614	.00696	15.125	.41944	2.1972

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.432	.00121	.11206	4.7033	3.0200	.00990	3.8699
Stddev	.075	.00015	.00604	.0098	.0985	.00127	.0066
%RSD	.28437	12.279	5.3936	.20830	3.2620	12.878	.09624

#1	26.378	.00110	.10778	4.6964	3.0897	.00900	6.8652
#2	26.485	.00131	.11633	4.7102	2.9503	.01080	6.8746

Sample Name: J4218-07 Acquired: 7/30/2018 16:10:21 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15890	9.088	.09992	F<00000	41.229
Stddev	.00059	.002	.00049	.51277	.202
%RSD	.37037	.0160	.48576	2.5226	.49111

#1	.15932	9.089	.09958	-20.690	41.086
#2	.15849	9.087	.10027	-19.964	41.372

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2263.0	36335.	7042.7	93.952	2623.4
Stddev	5.5	167.	57.0	.542	12.9
%RSD	.24258	.25236	.80937	.57712	.49354

#1	2259.1	66216.	7002.4	93.568	2614.2
#2	2266.9	66453.	7083.0	94.335	2632.5

Sample Name: CCV04 Acquired: 7/30/2018 16:14:15 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	5.0833	5.0586	4.9900	5.0728	5.0421	10.007	10.203	.24745
Stddev	.0036	.0040	.0151	.0120	.0129	.157	.087	.00072
%RSD	.07134	.07822	.30294	.23584	.25531	1.5725	.85220	.29093
#1	5.0859	5.0614	4.9793	5.0813	5.0512	9.8962	10.141	.24694
#2	5.0807	5.0558	5.0007	5.0643	5.0330	10.119	10.264	.24796
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4722	25.192	.99271	2.4892	1.2415	4.9316	2.4918	24.861
Stddev	.0058	.329	.00250	.0028	.0022	.2309	.0042	.352
%RSD	.23600	1.3066	.25186	.11370	.17402	4.6822	.16692	1.4149
#1	2.4681	24.960	.99094	2.4872	1.2430	4.7684	2.4889	24.613
#2	2.4764	25.425	.99448	2.4912	1.2400	5.0949	2.4947	25.110
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4980	1.2498	24.962	2.4991	2.4086	25.098	5.0998	5.0559
Stddev	.0056	.0030	.262	.0070	.0923	.177	.0022	.0353
%RSD	.22550	.24248	1.0482	.28152	3.8335	.70356	.04216	.69922
#1	2.4941	1.2477	24.777	2.4942	2.3433	24.973	5.1014	5.0309
#2	2.5020	1.2519	25.147	2.5041	2.4739	25.223	5.0983	5.0809
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9633	4.9233	4.9965	5.0527	4.9954	5.129	5.0925	F2.0816
Stddev	.0213	.0070	.0085	.0475	.0436	.006	.1028	.2421
%RSD	.42837	.14178	.16932	.93937	.87334	.1276	2.0194	11.630
#1	4.9783	4.9283	4.9905	5.0191	4.9645	5.124	5.0198	2.2527
#2	4.9482	4.9184	5.0025	5.0862	5.0262	5.134	5.1653	1.9104

Sample Name: CCV04 Acquired: 7/30/2018 16:14:15 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F2.1309
Stddev .6571
%RSD 30.837

#1 1.6662
#2 2.5955

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1761.2	51341.	5379.0	33.126	2640.1
Stddev	4.3	11.	32.3	3.354	3.8
%RSD	.24631	.02192	.60087	3.6016	.14537

#1	1758.1	51349.	5356.1	95.498	2637.4
#2	1764.2	51333.	5401.8	90.755	2642.8

Sample Name: CCB04 Acquired: 7/30/2018 16:18:06 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00319	.00207	.00005	.00196	.00300	.00485	.00023
Stddev	.00011	.00055	.00075	.00524	.00099	.00239	.00036
%RSD	3.3566	26.747	1648.8	266.97	32.979	49.221	158.11

#1	-.00327	.00168	.00058	.00174	-.00370	-.00316	-.00049
#2	-.00312	.00246	-.00049	-.00567	-.00230	-.00654	.00003

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00017	.00173	.00093	.00009	.00029	.00585
Stddev	.00001	.00014	.00155	.00022	.00023	.00014	.01090
%RSD	76.221	79.175	90.010	23.287	250.27	47.045	186.27

#1	-.00003	.00008	-.00282	-.00078	-.00007	.00019	-.00186
#2	-.00001	.00027	-.00063	-.00108	.00026	.00039	.01356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.03856	.00062	.00066	.26922	.00027	.00052
Stddev	.00001	.00590	.00025	.00028	.00907	.00044	.00004
%RSD	93.711	15.304	39.516	42.107	3.3705	165.39	7.5157

#1	-.00002	-.03439	.00080	-.00046	-.27563	-.00005	-.00049
#2	.00000	-.04273	.00045	-.00085	-.26280	.00058	-.00055

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00123	.00018	.00257	.00621	.00244	.00101	.00095
Stddev	.04825	.00006	.00305	.00030	.00056	.00088	.00181
%RSD	3918.2	34.826	118.73	4.8022	23.155	87.617	190.77

#1	.03288	.00022	-.00472	-.00642	.00204	-.00038	.00223
#2	-.03535	.00013	-.00041	-.00600	.00283	-.00163	-.00033

Sample Name: CCB04 Acquired: 7/30/2018 16:18:06 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00105	-.0026	.00000	F<.00000	F.38309
Stddev	.00096	.0028	.00003	.45522	.18194
%RSD	91.379	107.3	721.11	107.88	47.492

#1	.00037	-.0006	-.00002	-.10010	.51174
#2	.00172	-.0046	.00002	-.74387	.25444

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1849.9	54121.	5449.2	96.527	2966.4
Stddev	7.6	75.	23.9	1.112	18.9
%RSD	.40872	.13824	.43801	1.1521	.63763

#1	1855.3	54068.	5466.1	95.741	2979.8
#2	1844.6	54174.	5432.3	97.314	2953.1

Sample Name: PB111460BL Acquired: 7/30/2018 16:22:11 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	.00111	.00272	.00242	.00174	.00063	.00091
Stddev	.00226	.00043	.00060	.00200	.00068	.00209	.00059
%RSD	202.69	39.301	21.966	82.866	38.721	333.52	64.835

#1	.00048	.00141	-.00315	-.00384	-.00127	-.00085	-.00133
#2	-.00272	.00080	-.00230	-.00100	-.00222	.00210	-.00049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00003	.01140	.00098	.00001	.00005	.00217
Stddev	.00008	.00002	.00044	.00008	.00028	.00015	.00264
%RSD	1217.1	61.564	3.8793	8.4156	3562.5	300.32	121.21

#1	-.00005	.00002	-.01109	-.00092	-.00019	.00006	-.00031
#2	.00007	.00005	-.01172	-.00104	.00020	-.00016	-.00404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01560	.00021	.00043	.27804	.00020	.00051
Stddev	.00003	.01200	.00027	.00005	.00456	.00000	.00005
%RSD	118.71	76.912	133.17	12.430	1.6405	2.3007	9.6623

#1	.00000	-.00712	-.00040	-.00040	-.27482	-.00020	-.00047
#2	-.00004	-.02409	-.00001	-.00047	-.28127	-.00021	-.00054

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01375	.00007	.00103	.00588	.00019	.00069	.00126
Stddev	.00722	.00011	.00529	.00271	.00013	.00008	.00055
%RSD	52.527	151.48	514.75	46.087	69.228	12.007	43.365

#1	-.01886	.00000	-.00476	-.00780	.00029	-.00063	.00165
#2	-.00864	.00014	.00271	-.00396	.00010	-.00075	.00087

Sample Name: PB111460BL Acquired: 7/30/2018 16:22:11 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00088	.0013	.00004	F<.00000	F.94149
Stddev	.00082	.0018	.00010	.12063	1.2997
%RSD	92.390	137.0	289.02	47.281	138.05

#1	.00146	.0000	.00011	-.34044	1.8605
#2	.00031	-.0025	-.00004	-.16984	.02246

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.9	54050.	5436.3	97.209	2951.7
Stddev	12.3	22.	60.7	2.244	18.3
%RSD	.66979	.04043	1.1172	2.3079	.61855

#1	1831.2	54066.	5393.4	95.623	2938.8
#2	1848.6	54035.	5479.3	98.795	2964.6

Sample Name: PB111460BS Acquired: 7/30/2018 16:26:16 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76068	1.9414	.92956	1.9366	.76193	1.8569	.20226
Stddev	.00159	.0008	.00034	.0070	.00085	.0285	.00204
%RSD	.20960	.03963	.03671	.35944	.11219	1.5330	1.0079

#1	.76181	1.9420	.92980	1.9415	.76132	1.8368	.20082
#2	.75955	1.9409	.92932	1.9317	.76253	1.8770	.20370

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18900	.18501	.99168	.39494	.18746	.28013	2.8207
Stddev	.00015	.00027	.01238	.00183	.00061	.00071	.1268
%RSD	.07996	.14754	1.2488	.46376	.32593	.25409	4.4940

#1	.18910	.18482	1.0004	.39364	.18703	.27963	2.7311
#2	.18889	.18520	.98292	.39623	.18790	.28063	2.9103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19959	1.9510	.47791	.07058	2.6872	.29020	.18980
Stddev	.00074	.0162	.00097	.00002	.0450	.00241	.00231
%RSD	.36842	.82876	.20378	.03407	1.6752	.83076	1.2162

#1	.19907	1.9396	.47860	.07060	2.6554	.28849	.18816
#2	.20011	1.9624	.47722	.07057	2.7191	.29190	.19143

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6770	.38851	.28288	F .01075	.84092	.63088	.19216
Stddev	.1576	.00171	.01109	.00405	.00261	.00078	.00127
%RSD	1.6289	.44035	3.9197	37.633	.31047	.12293	.65960

#1	9.5655	.38731	.27504	-.01361	.84276	.63142	.19126
#2	9.7884	.38972	.29072	-.00789	.83907	.63033	.19305

Sample Name: PB111460BS Acquired: 7/30/2018 16:26:16 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19395	5.461	.19994	F<00000	.67220
Stddev	.00412	.017	.00071	.12625	.98161
%RSD	2.1238	.3050	.35285	13.623	146.03

#1	.19103	5.449	.19944	-.83749	-.02190
#2	.19686	5.473	.20044	-1.0160	1.3663

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1855.8	54156.	5425.1	97.592	2935.4
Stddev	3.4	87.	58.9	.916	6.5
%RSD	.18477	.16025	1.0849	.93849	.21973

#1	1853.4	54095.	5383.4	98.240	2930.9
#2	1858.2	54217.	5466.7	96.944	2940.0

Sample Name: J4143-01 Acquired: 7/30/2018 16:30:10 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28313	.02711	2.4746	.01598	.00755	250.49	1.7112
Stddev	.00116	.00192	.0020	.00016	.00003	2.24	.0155
%RSD	.40935	7.0652	.07919	1.0166	.34016	.89540	.90736

#1	.28231	-.02847	2.4732	.01586	.00757	248.90	1.7002
#2	.28395	-.02576	2.4759	.01609	.00754	252.07	1.7222

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01259	.02186	55.937	.45183	.21568	.50320	429.77
Stddev	.00011	.00030	.453	.00036	.00041	.00424	5.57
%RSD	.84790	1.3729	.81015	.07912	.18975	.84220	1.2958

#1	.01252	.02207	55.617	.45158	.21539	.50619	425.83
#2	.01267	.02165	56.258	.45208	.21597	.50020	433.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4379	35.609	.49014	.01605	2.0439	1.0761	1.7964
Stddev	.0332	.740	.00107	.00088	.0396	.0000	.0033
%RSD	.44605	1.1278	.21749	5.4697	1.9374	.00229	.18292

#1	7.4144	65.086	.48939	.01543	2.0159	1.0761	1.7941
#2	7.4613	66.132	.49089	.01667	2.0719	1.0762	1.7988

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.925	.00917	.19451	3.2365	7.0518	.04816	12.100
Stddev	.371	.00010	.00949	.0040	.0142	.00229	.116
%RSD	1.1275	1.1388	4.8763	.04854	.20130	4.7550	.96169

#1	32.663	.00910	.18781	8.2393	7.0618	.04654	12.018
#2	33.188	.00925	.20122	8.2337	7.0417	.04977	12.183

Sample Name: J4143-01 Acquired: 7/30/2018 16:30:10 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28215	10.86	.48192	F<00000	75.813
Stddev	.00032	.02	.00307	.65547	1.444
%RSD	.11414	.2091	.63704	1.7826	1.9043

#1	.28192	10.84	.47975	-37.235	76.834
#2	.28237	10.87	.48409	-36.308	74.792

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2103.1	61095.	6740.1	92.046	2434.3
Stddev	1.3	125.	18.5	.122	3.7
%RSD	.05954	.20433	.27411	.13238	.15324

#1	2102.2	61007.	6727.0	92.132	2437.0
#2	2104.0	61184.	6753.2	91.960	2431.7

Sample Name: J4143-01DUP Acquired: 7/30/2018 16:34:13 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28047	.02138	2.4520	.02086	.00773	247.45	1.6785
Stddev	.00075	.00270	.0060	.00580	.00189	2.30	.0279
%RSD	.26703	12.633	.24619	27.797	24.507	.93147	1.6647

#1	.27994	-.01947	2.4563	.01676	.00639	245.82	1.6587
#2	.28100	-.02329	2.4477	.02496	.00907	249.08	1.6982

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01254	.02143	54.969	.44665	.21449	.50356	425.97
Stddev	.00007	.00170	.875	.00242	.00075	.00718	12.08
%RSD	.54324	7.9508	1.5910	.54135	.34852	1.4265	2.8354

#1	.01259	.02264	54.350	.44494	.21396	.50864	417.43
#2	.01250	.02023	55.587	.44836	.21502	.49848	434.51

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3377	54.404	.48494	.01608	2.0100	1.0691	1.8053
Stddev	.0391	.920	.00076	.00202	.0445	.0026	.0216
%RSD	.53360	1.4288	.15678	12.579	2.2124	.23979	1.1953

#1	7.3654	63.753	.48548	.01465	1.9786	1.0709	1.7900
#2	7.3100	65.055	.48441	.01751	2.0415	1.0673	1.8205

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.396	.00913	.18891	3.2235	5.8774	.04794	11.805
Stddev	.549	.00039	.00556	.0150	.0159	.00060	.190
%RSD	1.6960	4.2296	2.9416	.18214	.23176	1.2500	1.6121

#1	32.008	.00886	.18498	8.2341	6.8661	.04752	11.671
#2	32.785	.00940	.19284	8.2129	6.8887	.04837	11.940

Sample Name: J4143-01DUP Acquired: 7/30/2018 16:34:13 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27874	10.89	.47038	F<00000	75.400
Stddev	.00413	.02	.00658	.65504	1.736
%RSD	1.4800	.1436	1.3985	1.8478	2.3022

#1	.27583	10.88	.46573	-34.986	74.172
#2	.28166	10.90	.47503	-35.912	76.627

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2103.2	30928.	3763.0	91.290	2441.6
Stddev	1.9	300.	3.5	1.084	3.1
%RSD	.08906	.49286	.05137	1.1878	.12803

#1	2101.8	60716.	6765.5	92.057	2439.4
#2	2104.5	61141.	6760.5	90.523	2443.8

Sample Name: J4143-01LX5 Acquired: 7/30/2018 16:38:16 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06340	.00399	.48856	.00710	.00146	54.626	.39310
Stddev	.00286	.00236	.00129	.00475	.00091	.674	.01025
%RSD	4.5164	59.093	.26490	66.862	62.146	1.2341	2.6070

#1	.06543	-.00565	.48948	.00375	.00210	54.149	.38585
#2	.06138	-.00232	.48764	.01046	.00082	55.103	.40034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00289	.00286	13.152	.12090	.04132	.13008	36.745
Stddev	.00007	.00002	.386	.00021	.00018	.00046	.325
%RSD	2.5515	.60449	2.9371	.17674	.42710	.35472	.37512

#1	.00294	.00288	12.879	.12105	.04120	.13041	86.515
#2	.00284	.00285	13.425	.12075	.04145	.12976	86.975

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8187	15.266	.10566	.00211	.25827	.25146	.37992
Stddev	.0060	.405	.00033	.00086	.00173	.00051	.00371
%RSD	.33029	2.6546	.31604	40.542	.66891	.20108	.97521

#1	1.8229	14.979	.10542	.00151	.25705	.25182	.38254
#2	1.8144	15.552	.10589	.00272	.25949	.25110	.37730

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3796	.00339	.02779	1.5430	1.7052	.00793	2.8045
Stddev	.1679	.00006	.01303	.0115	.0045	.00010	.0723
%RSD	2.2748	1.6512	46.908	.74363	.26504	1.2016	2.5764

#1	7.2609	.00343	.01857	1.5511	1.7020	.00786	2.7534
#2	7.4983	.00335	.03700	1.5349	1.7084	.00800	2.8556

Sample Name: J4143-01LX5 Acquired: 7/30/2018 16:38:16 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06307	2.049	.11196	F<00000	22.420
Stddev	.00221	.004	.00273	.11797	.649
%RSD	3.5110	.2053	2.4426	1.7282	2.8927

#1	.06150	2.052	.11002	-6.9096	22.879
#2	.06463	2.046	.11389	-6.7428	21.962

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1890.3	54818.	5744.6	93.456	2752.2
Stddev	12.8	342.	51.5	1.604	14.0
%RSD	.67614	.62304	.89629	1.7161	.50892

#1	1881.3	54576.	5781.0	92.322	2742.3
#2	1899.4	55059.	5708.2	94.590	2762.1

Sample Name: J4143-02 Acquired: 7/30/2018 16:42:15 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95943	2.0198	3.4513	1.7151	.69234	248.62	1.8991
Stddev	.02054	.0463	.0396	.0469	.01605	.91	.0290
%RSD	2.1410	2.2911	1.1471	2.7339	2.3176	.36410	1.5298

#1	.94490	1.9871	3.4233	1.6819	.68099	249.26	1.9197
#2	.97395	2.0526	3.4793	1.7482	.70368	247.98	1.8786

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18028	.22653	57.333	.76556	.42323	.73638	429.10
Stddev	.00059	.00647	.547	.00454	.00766	.01087	3.11
%RSD	.32789	2.8545	.95415	.59324	1.8110	1.4765	.72396

#1	.18070	.22195	57.719	.76235	.41781	.72869	431.30
#2	.17986	.23110	56.946	.76877	.42865	.74407	426.91

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4473	57.737	1.0077	.07978	4.6972	1.3030	1.9811
Stddev	.0154	.306	.0167	.00059	.0839	.0005	.0215
%RSD	.20694	.45121	1.6543	.73514	1.7862	.03562	1.0844

#1	7.4364	67.953	.99588	.08019	4.7566	1.3033	1.9963
#2	7.4582	67.521	1.0195	.07936	4.6379	1.3026	1.9659

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.082	.35164	.41390	3.1058	7.8877	.76451	12.344
Stddev	.546	.00874	.00844	.0501	.1040	.02391	.163
%RSD	1.2966	2.4855	2.0401	.61762	1.3182	3.1281	1.3184

#1	42.468	.34546	.41987	8.0704	7.9612	.74760	12.459
#2	41.696	.35782	.40793	8.1412	7.8142	.78142	12.228

Sample Name: J4143-02 Acquired: 7/30/2018 16:42:15 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.45942	17.02	.66129	F<00000	72.155
Stddev	.00653	.21	.01139	.01671	.076
%RSD	1.4214	1.257	1.7219	.04823	.10577

#1	.46403	16.87	.66935	-34.636	72.209
#2	.45480	17.17	.65324	-34.660	72.101

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2086.6	30664.	3532.2	30.717	2421.3
Stddev	2.7	210.	93.2	1.248	3.7
%RSD	.12726	.34561	1.4262	1.3762	.15117

#1	2088.5	60516.	6466.4	89.834	2423.9
#2	2084.7	60813.	6598.1	91.600	2418.7

Sample Name: J4143-03 Acquired: 7/30/2018 16:46:17 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0285	2.2029	3.5441	1.8753	.77158	249.33	1.8838
Stddev	.0029	.0071	.0076	.0012	.00088	1.79	.0260
%RSD	.28451	.32249	.21307	.06277	.11436	.71619	1.3820

#1	1.0264	2.1979	3.5388	1.8745	.77096	248.06	1.8654
#2	1.0306	2.2080	3.5495	1.8761	.77221	250.59	1.9022

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20029	.24625	56.338	.80488	.44317	.76281	430.24
Stddev	.00059	.00014	.832	.00804	.00062	.00455	10.37
%RSD	.29542	.05526	1.4765	.99829	.14015	.59677	2.4102

#1	.19987	.24616	55.749	.79920	.44361	.76602	422.91
#2	.20071	.24635	56.926	.81056	.44274	.75959	437.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4597	56.840	1.0599	.08715	4.8400	1.3334	1.9941
Stddev	.0130	.921	.0001	.00190	.0843	.0064	.0336
%RSD	.17455	1.3781	.00586	2.1796	1.7423	.48105	1.6866

#1	7.4505	66.188	1.0599	.08581	4.7804	1.3289	1.9704
#2	7.4689	67.491	1.0598	.08850	4.8997	1.3379	2.0179

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.925	.38685	.44853	3.1369	7.7918	.83509	12.175
Stddev	.512	.00109	.01509	.0050	.0600	.00003	.195
%RSD	1.2201	.28079	3.3636	.06149	.77030	.00315	1.5979

#1	41.563	.38609	.43786	8.1405	7.7493	.83507	12.037
#2	42.287	.38762	.45920	8.1334	7.8342	.83511	12.312

Sample Name: J4143-03 Acquired: 7/30/2018 16:46:17 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.46909	17.63	.66385	F<00000	73.831
Stddev	.00599	.02	.01127	.18201	2.261
%RSD	1.2776	.1189	1.6981	.50809	3.0623

#1	.46486	17.65	.65587	-35.951	72.233
#2	.47333	17.62	.67182	-35.694	75.430

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2081.4	30657.	3670.5	30.862	2421.2
Stddev	1.5	290.	44.2	1.364	2.8
%RSD	.07101	.47741	.66329	1.5013	.11716

#1	2082.5	60452.	6701.7	91.827	2423.2
#2	2080.4	60861.	6639.2	89.898	2419.2

Sample Name: J4143-01A Acquired: 7/30/2018 16:50:18 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0278	2.1982	3.5103	1.8617	.76191	247.19	1.8640
Stddev	.0081	.0019	.0009	.0001	.00480	3.81	.0289
%RSD	.78645	.08649	.02589	.00655	.62985	1.5424	1.5528

#1	1.0336	2.1995	3.5096	1.8617	.76530	244.49	1.8435
#2	1.0221	2.1969	3.5109	1.8616	.75851	249.88	1.8844

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20084	.24518	55.485	.80038	.43814	.75797	420.54
Stddev	.00057	.00017	.932	.00023	.00042	.00343	4.86
%RSD	.28429	.07127	1.6802	.02827	.09571	.45261	1.1568

#1	.20044	.24505	54.825	.80054	.43844	.76040	417.10
#2	.20125	.24530	56.144	.80022	.43785	.75554	423.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4792	35.611	1.0491	.08628	4.8576	1.3278	1.9579
Stddev	.0682	1.398	.0013	.00095	.0729	.0037	.0133
%RSD	.91221	2.1308	.12645	1.1011	1.5017	.27811	.67706

#1	7.4310	64.623	1.0481	.08561	4.8060	1.3252	1.9673
#2	7.5275	66.600	1.0500	.08695	4.9091	1.3304	1.9485

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.788	.38477	.44516	3.0557	7.7488	.82924	11.992
Stddev	.645	.00082	.00451	.0112	.0132	.00206	.193
%RSD	1.5445	.21306	1.0123	.13844	.17066	.24807	1.6065

#1	41.331	.38419	.44834	8.0636	7.7394	.82779	11.856
#2	42.244	.38535	.44197	8.0478	7.7581	.83070	12.128

Sample Name: J4143-01A Acquired: 7/30/2018 16:50:18 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.46907	17.41	.66123	F<00000	73.065
Stddev	.00606	.04	.00924	.27890	.640
%RSD	1.2929	.2493	1.3968	.78691	.87625

#1	.46478	17.38	.65470	-35.640	73.517
#2	.47336	17.44	.66777	-35.245	72.612

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2092.6	30705.	3714.2	32.086	2435.3
Stddev	2.5	105.	18.6	.895	2.6
%RSD	.11872	.17252	.27733	.97139	.10771

#1	2090.8	60631.	6701.0	91.453	2433.4
#2	2094.3	60779.	6727.3	92.718	2437.2

Sample Name: J4143-04 Acquired: 7/30/2018 16:54:19 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .14014	k -.06660	k 5.6748	k -.07362	k .04984	k 31.789	2.1603
Stddev	.00295	.00078	.0004	.00747	.00055	.595	.0497
%RSD	2.1016	1.1761	.00696	10.143	1.1019	1.8729	2.3024

#1	k .13806	k -.06715	k 5.6745	k -.07890	k .05023	k 31.368	2.1252
#2	k .14222	k -.06604	k 5.6751	k -.06834	k .04945	k 32.210	2.1955

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00649	k .11547	k 103.62	k .18387	.06074	C .00000	k 393.03
Stddev	.00009	.00097	2.23	.00050	.00041	.00000	8.97
%RSD	1.3913	.84194	2.1546	.27183	.67887	.00000	1.2938

#1	.00643	k .11615	k 102.04	k .18351	.06104	C .00000	k 686.69
#2	.00656	k .11478	k 105.20	k .18422	.06045	C .00000	k 699.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6208	25.176	k .24372	k .00584	4.8267	k .18549	k 5.2515
Stddev	.0093	.543	.00188	.00108	.1182	.00086	.0230
%RSD	.12163	2.1549	.77145	18.508	2.4481	.46228	.43787

#1	7.6273	24.793	k .24239	k .00660	4.7431	k .18610	k 5.2678
#2	7.6142	25.560	k .24505	k .00508	4.9102	k .18488	k 5.2353

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0264	.02611	k .98045	k 225.21	k 3.6539	k .84086	1.4260
Stddev	.1156	.00083	.01806	.18	.0222	.00374	.0341
%RSD	2.2994	3.1666	1.8417	.08062	.60730	.44462	2.3887

#1	4.9447	.02670	k -.96768	k 225.34	k 3.6382	k .83821	1.4019
#2	5.1082	.02553	k -.99322	k 225.08	k 3.6696	k .84350	1.4501

Sample Name: J4143-04 Acquired: 7/30/2018 16:54:19 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06488	k 10.42	.58754	F<00000	F 127.30
Stddev	.00115	.01	.01274	1.4470	.85
%RSD	1.7654	.1243	2.1687	2.3384	.66867

#1	.06407	k 10.41	.57853	-60.860	126.70
#2	.06569	k 10.43	.59655	-62.906	127.91

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.0	52544.	5717.1	94.704	2442.3
Stddev	2.5	181.	3.8	.581	4.7
%RSD	.14251	.34368	.06707	.61344	.19275

#1	1733.3	52416.	5719.9	94.293	2438.9
#2	1736.8	52672.	5714.4	95.115	2445.6

Sample Name: J4143-05 Acquired: 7/30/2018 16:58:19 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.29261	.01601	.9713	.01858	.00957	154.22	5.4949	.00867
Stddev	.00475	.00266	.0506	.00126	.00047	3.02	.1681	.00004
%RSD	1.6222	16.641	.50781	6.7964	4.8720	1.9551	3.0593	.46049

#1	.28926	-.01412	9.9355	.01769	.00924	152.09	5.3760	.00864
#2	.29597	-.01789	10.007	.01947	.00990	156.35	5.6138	.00870

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10116	795.99	.30208	.12334	1.2177	296.47	5.0503	223.30
Stddev	.00008	22.39	.00009	.00013	.0032	6.20	.0067	6.12
%RSD	.08284	2.8127	.03057	.10567	.26401	2.0898	.13358	2.7385

#1	.10110	780.16	.30201	.12324	1.2199	292.08	5.0455	218.97
#2	.10122	811.82	.30214	.12343	1.2154	300.85	5.0551	227.62

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38123	.01227	5.7036	.53544	17.293	34.106	.01053	.13474
Stddev	.00104	.00063	.1811	.00387	.083	1.104	.00042	.00561
%RSD	.27313	5.1667	3.1758	.72217	.47800	3.2357	3.9686	4.1654

#1	.38197	.01182	5.5755	.53271	17.235	33.326	.01082	.13871
#2	.38049	.01272	5.8317	.53817	17.352	34.887	.01023	.13077

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.241	7.2089	.45851	7.0859	.24589	3.736	1.6825	.02319
Stddev	.037	.0863	.00041	.2047	.00809	.016	.0486	.14181
%RSD	.20549	1.1972	.08866	2.8893	3.2885	.1784	2.8900	611.42

#1	18.268	7.1479	.45879	6.9412	.24017	8.747	1.6481	-.07708
#2	18.215	7.2699	.45822	7.2307	.25161	8.725	1.7169	.12346

Sample Name: J4143-05 Acquired: 7/30/2018 16:58:19 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	59.688
Stddev	3.538
%RSD	5.9266

#1	62.190
#2	57.187

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1754.7	51698.	5987.8	36.157	2162.1
Stddev	2.1	55.	52.8	.275	5.9
%RSD	.11893	.10568	.88178	.31907	.27130

#1	1756.2	51659.	6025.1	86.352	2166.3
#2	1753.3	51736.	5950.4	85.963	2158.0

Sample Name: CCV05 Acquired: 7/30/2018 17:02:12 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CCV13596 Custom ID2:
Comment:

Custom ID3:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0720	5.0182	4.9438	5.0778	4.9949	3.8634	10.209	.24499
Stddev	.0049	.0120	.0261	.0150	.0166	.1290	.124	.00102
%RSD	.09636	.23844	.52691	.29462	.33194	1.3078	1.2179	.41617

#1	5.0755	5.0097	4.9254	5.0884	5.0067	9.7722	10.122	.24426
#2	5.0685	5.0266	4.9622	5.0673	4.9832	9.9547	10.297	.24571

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4403	25.006	.98101	2.4619	1.2312	4.9561	2.4610	24.630
Stddev	.0136	.356	.00325	.0113	.0023	.0782	.0095	.322
%RSD	.55804	1.4241	.33121	.45940	.18335	1.5784	.38708	1.3056

#1	2.4307	24.755	.97871	2.4540	1.2328	4.9008	2.4542	24.402
#2	2.4500	25.258	.98331	2.4699	1.2296	5.0115	2.4677	24.857

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4750	1.2378	24.982	2.4656	2.4307	25.122	5.0688	5.0138
Stddev	.0070	.0014	.359	.0103	.0353	.288	.0034	.0047
%RSD	.28489	.11740	1.4388	.41602	1.4525	1.1453	.06667	.09357

#1	2.4701	1.2367	24.728	2.4584	2.4057	24.918	5.0712	5.0105
#2	2.4800	1.2388	25.236	2.4729	2.4556	25.325	5.0664	5.0171

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9611	4.9481	4.9479	5.0300	4.9754	5.116	5.0442	F 2.0880
Stddev	.0055	.0207	.0167	.0461	.0565	.006	.1408	.2269
%RSD	.10989	.41868	.33660	.91698	1.1349	.1089	2.7909	10.867

#1	4.9649	4.9335	4.9361	4.9974	4.9355	5.120	4.9447	2.2484
#2	4.9572	4.9627	4.9597	5.0627	5.0153	5.112	5.1438	1.9275

Sample Name: CCV05 Acquired: 7/30/2018 17:02:12 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: CCV13596 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F2.5150
 Stddev 1.1022
 %RSD 43.824

#1 3.2944
 #2 1.7357

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1784.7	51953.	5404.7	92.477	2677.2
Stddev	7.5	16.	11.8	.966	1.7
%RSD	.42293	.03130	.21872	1.0447	.06455

#1	1779.4	51965.	5396.4	93.160	2676.0
#2	1790.0	51942.	5413.1	91.794	2678.5

Sample Name: CCB05 Acquired: 7/30/2018 17:06:04 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00110	.00209	.00115	.00166	.00274	.00839	.00094
Stddev	.00156	.00119	.00070	.00339	.00075	.00225	.00050
%RSD	141.71	57.052	60.687	203.60	27.278	26.786	53.247

#1	-.00221	.00294	-.00066	.00406	-.00221	.00998	-.00129
#2	.00000	.00125	-.00164	-.00073	-.00327	.00680	-.00058

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00009	.00655	.00045	.00010	.00010	.00969
Stddev	.00002	.00004	.00107	.00043	.00014	.00012	.00625
%RSD	64.227	40.019	16.375	95.088	137.71	122.34	64.479

#1	-.00002	.00007	.00579	-.00076	.00000	.00018	-.01410
#2	-.00005	.00012	.00731	-.00015	-.00020	.00001	-.00527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00013	.00056	.00052	.27047	.00039	.00046
Stddev	.00006	.05901	.00020	.00059	.00011	.00069	.00009
%RSD	395.32	47199.	36.399	113.83	.04162	174.75	19.792

#1	-.00003	-.04160	.00041	-.00010	-.27039	.00009	-.00039
#2	.00005	.04185	.00070	-.00094	-.27055	-.00088	-.00052

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01587	.00049	.00008	.00137	.00099	.00050	.00158
Stddev	.02094	.00021	.00690	.00279	.00195	.00001	.00070
%RSD	131.90	42.854	8383.2	204.11	195.56	2.3373	44.096

#1	-.00107	.00034	-.00480	.00061	.00237	-.00051	.00109
#2	-.03068	.00063	.00496	-.00334	-.00038	-.00049	.00207

Sample Name: CCB05 Acquired: 7/30/2018 17:06:04 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00037	.0015	.00003	F<.00000	F.67246
Stddev	.00014	.0032	.00006	.05077	.69481
%RSD	38.556	222.2	231.46	11.735	103.32

#1	.00047	.0008	.00007	-.46852	.18116
#2	.00027	-.0038	-.00002	-.39673	1.1638

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1855.6	54192.	5454.2	98.082	2969.8
Stddev	9.5	235.	58.1	2.333	12.2
%RSD	.51387	.43294	1.0648	2.3791	.41000

#1	1848.8	54026.	5413.2	96.432	2961.2
#2	1862.3	54357.	5495.3	99.732	2978.4

Sample Name: J4143-06 Acquired: 7/30/2018 17:10:10 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .23378	k -.04788	k 27.455	k .00005	k .05928	k 35.124	3.7772
Stddev	.00648	.00343	.296	.00464	.00267	.843	.0951
%RSD	2.7737	7.1729	1.0790	9771.5	4.5070	1.2941	1.0835

#1	k .22919	k -.04545	k 27.245	k -.00323	k .05739	k 64.528	8.7100
#2	k .23836	k -.05031	k 27.664	k .00333	k .06117	k 65.719	8.8445

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00711	k .10213	k 122.35	k .63928	.09082	C .00000	k 460.53
Stddev	.00005	.00013	1.59	.00525	.00052	.00000	10.61
%RSD	.72878	.12545	1.3009	.82140	.57236	.00000	2.3028

#1	.00707	k .10204	k 121.22	k .63557	.09045	C .00000	k 453.03
#2	.00714	k .10222	k 123.48	k .64300	.09119	C .00000	k 468.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6048	19.474	k .54413	k .01688	5.5336	k .30785	k 20.123
Stddev	.0094	.054	.00322	.00044	.0626	.00336	.335
%RSD	.36098	.27527	.59234	2.6235	1.1316	1.0927	1.6668

#1	2.5982	19.436	k .54186	k .01657	5.4894	k .30547	k 19.886
#2	2.6115	19.512	k .54641	k .01719	5.5779	k .31022	k 20.360

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.302	.03793	k .57044	k 134.48	k 11.211	k 3.5908	2.4298
Stddev	.208	.00089	.00857	1.25	.052	.0128	.0345
%RSD	2.0223	2.3587	1.5020	.92981	.46139	.35662	1.4179

#1	10.154	.03857	k -.56438	k 133.60	k 11.174	k 3.5818	2.4054
#2	10.449	.03730	k -.57650	k 135.37	k 11.248	k 3.5999	2.4542

Sample Name: J4143-06 Acquired: 7/30/2018 17:10:10 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09710	k 26.39	1.0143	F<00000	34.755
Stddev	.00262	.27	.0117	.25946	.469
%RSD	2.6964	1.015	1.1508	.69745	.55353

#1	.09525	k 26.21	1.0060	-37.018	85.087
#2	.09896	k 26.58	1.0225	-37.385	84.423

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1761.2	53198.	5933.7	94.826	2476.4
Stddev	5.3	60.	.5	1.230	14.9
%RSD	.30251	.11317	.00858	1.2971	.60249

#1	1765.0	53156.	5934.1	95.695	2486.9
#2	1757.5	53241.	5933.4	93.956	2465.8

Sample Name: J4143-07 Acquired: 7/30/2018 17:14:00 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .12933	k -.08885	k 3.8063	k -.10213	k .08362	k 99.219	7.1849
Stddev	.00453	.00122	.0364	.00958	.00197	.986	.0051
%RSD	3.5009	1.3763	.41376	9.3784	2.3516	.99412	.07102

#1	k .13253	k -.08972	k 8.7805	k -.09536	k .08501	k 99.917	7.1812
#2	k .12613	k -.08799	k 8.8321	k -.10891	k .08223	k 98.522	7.1885

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01256	k .12526	k 51.778	k .19193	.14572	C .00000	k 798.74
Stddev	.00063	.00036	.315	.00438	.00046	.00000	19.55
%RSD	4.9817	.28402	.60804	2.2818	.31495	.00000	2.4480

#1	.01300	k .12551	k 51.555	k .19502	.14540	C .00000	k 784.91
#2	.01212	k .12501	k 52.000	k .18883	.14605	C .00000	k 812.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9778	11.484	k .26593	k -.06367	7.0457	k .42419	k 3.5166
Stddev	.0668	.075	.00032	.00205	.0313	.00547	.0533
%RSD	2.2425	.65676	.11948	3.2171	.44358	1.2899	1.5144

#1	3.0251	11.431	k .26570	k -.06512	7.0236	k .42806	k 3.4790
#2	2.9306	11.538	k .26615	k -.06222	7.0678	k .42032	k 3.5543

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.905	.04029	k -.48620	k 49.993	k 11.331	k .30963	4.3072
Stddev	.065	.00014	.00409	.125	.070	.00137	.0312
%RSD	.30947	.33755	.84143	.25091	.61365	.44170	.72429

#1	20.859	.04020	k -.48909	k 49.905	k 11.380	k .30866	4.2851
#2	20.951	.04039	k -.48331	k 50.082	k 11.282	k .31059	4.3292

Sample Name: J4143-07 Acquired: 7/30/2018 17:14:00 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12550	k 19.61	.93104	F<00000	F 135.47
Stddev	.00164	.03	.00304	.31210	3.33
%RSD	1.3049	.1587	.32689	.44168	2.4578

#1	.12434	k 19.59	.92888	-70.442	133.12
#2	.12666	k 19.63	.93319	-70.883	137.82

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.5	55367.	3061.3	31.268	2433.2
Stddev	6.6	1117.	36.3	1.208	2.7
%RSD	.36349	2.0180	.59934	1.3239	.10921

#1	1808.8	54577.	6035.7	92.122	2431.3
#2	1818.1	56157.	6087.0	90.414	2435.1

Sample Name: J4143-08 Acquired: 7/30/2018 17:17:52 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03956	.03690	.26174	.01204	.00838	282.11	2.3004
Stddev	.00287	.00260	.00153	.00452	.00139	3.75	.0217
%RSD	7.2434	7.0428	.58379	37.531	16.554	1.3275	.94186

#1	.03753	-.03874	.26066	.00884	.00740	279.46	2.3157
#2	.04158	-.03506	.26282	.01523	.00936	284.76	2.2851

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01229	.02345	18.147	.58826	.34429	.34280	309.26
Stddev	.00001	.00188	.338	.00574	.00029	.01189	14.58
%RSD	.06173	8.0270	1.8611	.97553	.08418	3.4697	2.3927

#1	.01229	.02479	18.386	.59232	.34408	.35121	598.95
#2	.01230	.02212	17.908	.58421	.34449	.33439	619.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3659	99.398	.64304	.02879	1.9116	.71763	1.4281
Stddev	.0609	.934	.00062	.00160	.0114	.00268	.0214
%RSD	.65058	.93941	.09626	5.5486	.59439	.37403	1.4956

#1	9.3228	100.06	.64348	.02766	1.9197	.71953	1.4130
#2	9.4089	98.738	.64260	.02992	1.9036	.71573	1.4432

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	112.24	.00465	.24946	1.1147	3.5779	.02193	24.754
Stddev	.92	.00015	.03423	.0042	.1557	.00041	.271
%RSD	.81982	3.1616	13.721	.37985	1.8156	1.8853	1.0949

#1	112.89	.00455	.22526	1.1117	8.6880	.02164	24.945
#2	111.59	.00476	.27366	1.1177	8.4678	.02223	24.562

Sample Name: J4143-08 Acquired: 7/30/2018 17:17:52 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.53508	9.113	.15044	F<00000	F 99.166
Stddev	.00159	.021	.00160	.48159	1.526
%RSD	.29763	.2287	1.0634	.95406	1.5392

#1	.53620	9.127	.15157	-50.819	100.25
#2	.53395	9.098	.14931	-50.138	98.087

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2142.6	62206.	6708.7	36.974	2336.1
Stddev	11.6	86.	152.2	1.027	14.6
%RSD	.54350	.13809	2.2684	1.1814	.62490

#1	2134.3	62145.	6601.1	87.701	2325.8
#2	2150.8	62267.	6816.3	86.248	2346.5

Sample Name: J4143-09 Acquired: 7/30/2018 17:21:56 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38587	.02544	4.1849	.01557	.01041	250.89	3.1049
Stddev	.00004	.00043	.0068	.00473	.00360	1.47	.0340
%RSD	.00979	1.6988	.16286	30.412	34.578	.58557	1.0962

#1	.38589	-.02514	4.1897	.01222	.01296	249.86	3.0808
#2	.38584	-.02575	4.1800	.01891	.00787	251.93	3.1290

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01181	.02723	197.89	.56143	.21220	.78706	440.14
Stddev	.00017	.00046	2.75	.00059	.00102	.00303	1.58
%RSD	1.4137	1.6985	1.3910	.10567	.48189	.38460	.35998

#1	.01169	.02691	195.94	.56185	.21292	.78920	441.26
#2	.01193	.02756	199.83	.56101	.21147	.78491	439.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4794	30.144	.48324	.01890	3.3044	.94130	3.3646
Stddev	.0386	1.208	.00081	.00038	.0635	.00036	.0318
%RSD	.45470	1.5076	.16770	1.9957	1.9226	.03830	.94615

#1	8.4521	79.290	.48381	.01917	3.2595	.94104	3.3871
#2	8.5066	80.999	.48266	.01864	3.3494	.94155	3.3421

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.038	.05240	.21805	12.501	7.1942	.08883	14.140
Stddev	.613	.00113	.00018	.013	.0607	.00419	.174
%RSD	1.2768	2.1652	.08057	.10155	.84415	4.7166	1.2303

#1	47.604	.05159	.21793	12.510	7.1512	.08587	14.017
#2	48.472	.05320	.21818	12.492	7.2371	.09180	14.263

Sample Name: J4143-09 Acquired: 7/30/2018 17:21:56 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.31112	11.04	.91514	F<00000	77.978
Stddev	.00177	.00	.01148	.41377	.331
%RSD	.56842	.0089	1.2542	1.2657	.42475
#1	.30987	11.04	.90702	-32.398	78.212
#2	.31237	11.04	.92325	-32.984	77.744
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.1	57849.	3464.4	39.698	2333.5
Stddev	11.5	106.	44.0	1.045	10.3
%RSD	.57937	.18386	.68041	1.1648	.44225
#1	1978.0	57774.	6495.5	88.959	2326.2
#2	1994.3	57924.	6433.3	90.437	2340.8

Sample Name: J4143-10 Acquired: 7/30/2018 17:25:59 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23773	.02495	10.627	.02216	.01501	119.82	4.2421
Stddev	.00113	.00268	.006	.00670	.00427	.79	.0501
%RSD	.47344	10.758	.05261	30.262	28.417	.65761	1.1813

#1	.23694	-.02685	10.623	.01741	.01803	119.27	4.2066
#2	.23853	-.02306	10.631	.02690	.01199	120.38	4.2775

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00796	.02791	169.03	.39381	.13650	2.0360	422.34
Stddev	.00003	.00248	2.44	.00179	.00036	.0161	22.13
%RSD	.41603	8.8686	1.4451	.45333	.26669	.79142	5.2399

#1	.00798	.02966	167.30	.39254	.13676	2.0474	406.69
#2	.00793	.02616	170.75	.39507	.13624	2.0246	437.99

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9084	56.424	.38888	.02136	5.9952	.50604	13.414
Stddev	.0397	.816	.00151	.00287	.0792	.00229	.646
%RSD	.67173	1.4463	.38816	13.456	1.3210	.45203	4.8124

#1	5.9365	55.847	.38781	.01933	5.9392	.50442	12.957
#2	5.8803	57.001	.38995	.02340	6.0512	.50765	13.870

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.544	.02928	.20863	154.66	7.4899	.65479	11.050
Stddev	.574	.00046	.03214	.11	.0999	.00347	.158
%RSD	1.7641	1.5785	15.407	.06803	1.3334	.52931	1.4260

#1	32.138	.02895	.18590	154.58	7.4192	.65724	10.939
#2	32.950	.02960	.23136	154.73	7.5605	.65234	11.162

Sample Name: J4143-10 Acquired: 7/30/2018 17:25:59 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25237	10.79	.67745	F<00000	77.049
Stddev	.00030	.03	.01060	.53047	.161
%RSD	.11942	.2365	1.5643	1.6479	.20835

#1	.25216	10.81	.66996	-31.815	77.163
#2	.25258	10.77	.68495	-32.566	76.936

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1876.7	56164.	3204.9	91.269	2409.6
Stddev	4.3	25.	49.6	4.090	2.1
%RSD	.22687	.04438	.79902	4.4809	.08516

#1	1873.7	56146.	6240.0	94.160	2408.1
#2	1879.7	56181.	6169.9	88.377	2411.0

Sample Name: J4189-26DLX10 Acquired: 7/30/2018 17:29:55 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16720	.03163	1.2421	.03660	.00088	257.03	1.4399
Stddev	.00161	.00267	.0031	.00112	.00054	.38	.0094
%RSD	.96521	8.4471	.24619	3.0467	60.966	.14668	.65286

#1	.16606	-.02974	1.2399	.03739	.00126	257.30	1.4332
#2	.16834	-.03351	1.2443	.03581	.00050	256.76	1.4465

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01976	.03185	31.452	.34957	.39746	.27755	560.41
Stddev	.00047	.00107	.406	.00580	.00011	.00318	6.02
%RSD	2.3904	3.3749	1.2894	1.6605	.02708	1.1441	1.0743

#1	.02010	.03109	31.165	.35367	.39753	.27530	564.66
#2	.01943	.03261	31.738	.34546	.39738	.27979	556.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.185	94.590	.63932	.03563	38.272	.55775	4.0050
Stddev	.086	1.280	.00145	.00008	.327	.00499	.0869
%RSD	.84108	1.3535	.22660	.23264	.85482	.89455	2.1693

#1	10.246	93.684	.64034	.03557	38.041	.56128	4.0664
#2	10.125	95.495	.63829	.03569	38.503	.55422	3.9435

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.889	.00409	.50507	4.0342	3.3324	.03785	5.7240
Stddev	.264	.00067	.01207	.0040	.0042	.00085	.0476
%RSD	.91226	16.381	2.3895	.10016	.12661	2.2412	.83072

#1	28.702	.00362	.51361	4.0370	3.3294	.03725	5.6904
#2	29.075	.00457	.49654	4.0313	3.3354	.03845	5.7576

Sample Name: J4189-26DLX10 Acquired: 7/30/2018 17:29:55 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.35402	24.97	.22150	F<00000	37.107
Stddev	.00402	.07	.00153	1.2699	2.019
%RSD	1.1353	.2709	.69164	2.1795	2.3176
#1	.35118	25.02	.22042	-57.366	85.680
#2	.35686	24.92	.22259	-59.162	88.535
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3627.4	104480.	11470.	38.567	2247.9
Stddev	22.2	1351.	17.	2.193	12.7
%RSD	.61142	1.2927	.14956	2.4766	.56452
#1	3611.8	103520.	11458.	87.016	2239.0
#2	3643.1	105430.	11482.	90.118	2256.9

Sample Name: J4176-02 Acquired: 7/30/2018 17:33:59 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: SV26835 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	.00007	.08269	.00754	.00342	.19188	.01104	.00001
Stddev	.00145	.00112	.00089	.00358	.00015	.01317	.00045	.00005
%RSD	133.61	1719.2	1.0813	47.463	4.4081	6.8635	4.0332	372.06

#1	.00211	.00073	.08332	.01008	-.00331	.20119	.01073	.00002
#2	.00006	-.00086	.08206	.00501	-.00352	.18257	.01136	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00663	33.735	.00120	.00423	.05538	.64431	.10015	1.4358
Stddev	.00004	.530	.00048	.00022	.00000	.00963	.00135	.0508
%RSD	.59003	.83109	40.395	5.3105	.00291	1.4940	1.3468	3.5411

#1	.00660	63.360	.00154	.00407	.05538	.65112	.10110	1.3999
#2	.00666	64.109	.00085	.00439	.05538	.63750	.09919	1.4718

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00855	.00002	3.0070	.00108	1.4370	2.5105	.00173	.06977
Stddev	.00016	.00026	.0661	.00056	.0475	.0357	.00026	.00472
%RSD	1.8543	1239.4	.82567	52.371	3.3025	1.4228	14.813	6.7677

#1	.00867	-.00016	7.9602	.00068	1.4706	2.4853	.00191	.06643
#2	.00844	.00020	8.0537	.00148	1.4035	2.5358	.00154	.07311

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.770	.50388	.01739	.00515	.00421	.0375	.19956	1.8790
Stddev	.120	.00676	.00014	.00098	.00101	.0016	.00114	.4595
%RSD	.25570	1.3424	.80036	19.102	24.048	4.207	.57156	24.452

#1	46.855	.50866	-.01729	.00446	.00492	.0386	.19875	2.2039
#2	46.686	.49910	-.01749	.00585	.00349	.0364	.20037	1.5541

Sample Name: J4176-02 Acquired: 7/30/2018 17:33:59 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: SV26835 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6358
Stddev	.1621
%RSD	9.9076

#1	1.7504
#2	1.5212

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.0	53865.	5573.8	97.756	2835.2
Stddev	10.0	602.	32.0	3.530	14.7
%RSD	.55308	1.1182	.57495	3.6111	.51934

#1	1797.9	53439.	5551.2	95.260	2824.8
#2	1812.0	54291.	5596.5	100.25	2845.6

Sample Name: J4176-02DUP Acquired: 7/30/2018 17:38:02 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: SV26835DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00123	.08504	.00494	.00538	.19418	.01089	.00000
Stddev	.00479	.00170	.00052	.00318	.00079	.01714	.00018	.0000
%RSD	3144.8	138.16	.61085	64.394	14.764	8.8269	1.6165	68.888

#1	-.00354	-.00003	.08467	.00269	-.00482	.18206	.01076	.00000
#2	.00324	-.00243	.08541	.00719	-.00595	.20630	.01101	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00674	33.337	.00193	.00400	.05559	.65011	.10102	1.3723
Stddev	.00003	1.863	.00053	.00019	.00001	.01329	.00034	.0213
%RSD	.45244	2.9406	27.400	4.7629	.02624	2.0444	.33650	1.5547

#1	.00672	62.020	.00230	.00414	.05557	.64072	.10078	1.3572
#2	.00676	64.654	.00155	.00387	.05560	.65951	.10126	1.3873

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00855	.00029	7.9710	.00077	1.4274	2.5130	.00162	.06896
Stddev	.00034	.00047	.2563	.00048	.0260	.0958	.00054	.00718
%RSD	3.9646	163.77	3.2156	61.872	1.8243	3.8109	33.142	10.404

#1	.00879	-.00005	7.7898	.00043	1.4089	2.4453	.00124	.06389
#2	.00831	.00062	8.1523	.00110	1.4458	2.5807	.00200	.07404

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.042	.51328	.01728	.00594	.00332	.0404	.20007	2.5604
Stddev	.014	.01278	.00066	.00106	.00052	.0012	.00536	.1393
%RSD	.03009	2.4896	3.8366	17.908	15.750	2.889	2.6803	5.4388

#1	47.032	.50425	-.01775	.00518	.00369	.0396	.19628	2.6588
#2	47.052	.52232	-.01681	.00669	.00295	.0412	.20386	2.4619

Sample Name: J4176-02DUP Acquired: 7/30/2018 17:38:02 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: SV26835DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.2401
Stddev	.3071
%RSD	13.708

#1	2.0230
#2	2.4573

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1802.5	53498.	5590.8	98.434	2824.1
Stddev	2.8	282.	116.9	1.749	4.7
%RSD	.15806	.52626	2.0902	1.7767	.16635

#1	1800.5	53299.	5673.4	99.670	2820.8
#2	1804.6	53697.	5508.1	97.197	2827.4

Sample Name: J4176-02LX5 Acquired: 7/30/2018 17:42:04 Type: Unk

Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000

User: JASWAL/BINHE Custom ID1: ICSAB7293 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	.00005	.01642	.00090	.00400	.05361	.00127	.00004
Stddev	.00064	.00004	.00090	.00218	.00061	.01195	.00147	.00008
%RSD	223.86	84.393	5.4528	241.84	15.153	22.287	115.02	216.25

#1	.00074	-.00008	.01705	.00244	-.00357	.04516	.00024	-.00002
#2	-.00017	-.00002	.01579	-.00064	-.00443	.06206	.00231	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	13.075	.03764	.00144	.01175	.31116	.02346	.32025
Stddev	.00005	.386	.00025	.00012	.00078	.01841	.00012	.01131
%RSD	3.3187	2.9532	.65697	8.6199	6.6336	5.9172	.51280	3.5302

#1	.00144	12.802	.03746	.00135	.01230	.29814	.02337	.32825
#2	.00151	13.348	.03781	.00153	.01120	.32418	.02354	.31226

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02384	.00041	1.4173	.00034	.30364	.51078	.00447	.00965
Stddev	.00005	.00010	.0468	.00045	.00457	.00454	.00062	.00006
%RSD	.22160	24.913	3.3030	132.10	1.5058	.88863	13.752	.59781

#1	.02380	-.00049	1.3842	.00066	.30041	.51399	.00491	.00961
#2	.02387	-.00034	1.4504	.00002	.30687	.50757	.00404	.00969

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3685	.10524	.00344	.00078	.00121	.0067	.04079	.52342
Stddev	.0102	.00055	.00075	.00069	.00103	.0015	.00148	.32446
%RSD	.10876	.52034	21.911	88.165	85.270	22.55	3.6215	61.988

#1	9.3757	.10563	-.00397	.00126	.00048	.0078	.03974	.75284
#2	9.3613	.10485	-.00291	.00029	.00193	.0056	.04183	.29399

Sample Name: J4176-02LX5 Acquired: 7/30/2018 17:42:04 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: ICSAB7293 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.1273
Stddev	.0703
%RSD	6.2315

#1	1.0776
#2	1.1770

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.1	54138.	5587.5	97.618	2932.5
Stddev	8.8	25.	29.3	1.524	11.2
%RSD	.47546	.04627	.52438	1.5607	.38087

#1	1834.9	54121.	5608.3	98.695	2924.6
#2	1847.3	54156.	5566.8	96.541	2940.4

Sample Name: J4176-02MS Acquired: 7/30/2018 17:46:09 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: SV26835MS 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	.88920	2.1899	1.1239	2.2749	.87086	2.3432	.23781	.21285	.21181
Stddev	.00468	.0106	.0032	.0029	.00069	.0655	.00341	.00022	.00054
%RSD	.52605	.48278	.28600	.12623	.07953	2.7941	1.4332	.10471	.25522

#1	.88589	2.1824	1.1216	2.2729	.87135	2.2969	.23540	.21269	.21143
#2	.89251	2.1973	1.1262	2.2770	.87037	2.3895	.24022	.21301	.21219

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.927	.47987	.21463	.37215	4.1405	.31424	3.5028	.57049	.07907
Stddev	.862	.00208	.00144	.00355	.0969	.00004	.0342	.00329	.00041
%RSD	1.3702	.43329	.67295	.95464	2.3393	.01253	.97656	.57611	.51674

#1	62.318	.48134	.21361	.36963	4.0721	.31421	3.4787	.56817	.07936
#2	63.537	.47840	.21565	.37466	4.2090	.31427	3.5270	.57281	.07878

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	11.127	.32519	1.5979	13.633	.44825	.38882	45.306	1.4603	.70207
Stddev	.144	.00273	.0180	.178	.00193	.00507	.188	.0160	.00330
%RSD	1.2927	.84051	1.1249	1.3072	.43149	1.3033	.41415	1.0993	.47059

#1	11.026	.32712	1.5852	13.507	.44689	.39240	45.173	1.4716	.69973
#2	11.229	.32326	1.6106	13.759	.44962	.38523	45.439	1.4489	.70441

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21997	.22465	6.600	.41605	2.3616	.04853
Stddev	.00192	.00462	.030	.00487	.3790	.92409
%RSD	.87104	2.0577	.4534	1.1715	16.049	1904.1

#1	.21862	.22138	6.579	.41261	2.0936	.70196
#2	.22133	.22792	6.621	.41950	2.6296	-.60490

Sample Name: J4176-02MS Acquired: 7/30/2018 17:46:09 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: SV26835MS 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	1816.2	53657.	5517.4	97.186	2828.2
Stddev	3.1	87.	25.7	.685	.5
%RSD	.17343	.16178	.46594	.70521	.01634
#1	1818.4	53595.	5499.2	97.670	2828.5
#2	1813.9	53718.	5535.6	96.701	2827.9

Sample Name: CCV06 Acquired: 7/30/2018 17:50:02 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	5.0491	5.0048	4.9146	5.0566	4.9613	3.7855	10.163	.24195
Stddev	.0097	.0018	.0126	.0131	.0129	.0785	.096	.00137
%RSD	.19249	.03556	.25531	.25819	.26090	.80201	.94017	.56802

#1	5.0560	5.0061	4.9235	5.0658	4.9704	9.7300	10.095	.24292
#2	5.0422	5.0035	4.9057	5.0473	4.9521	9.8410	10.230	.24097

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4172	25.079	.97449	2.4504	1.2226	4.9191	2.4328	24.629
Stddev	.0037	.266	.00301	.0039	.0046	.0755	.0036	.113
%RSD	.15423	1.0594	.30895	.15936	.37642	1.5351	.14782	.45883

#1	2.4198	24.891	.97236	2.4531	1.2259	4.8657	2.4354	24.549
#2	2.4145	25.267	.97661	2.4476	1.2194	4.9724	2.4303	24.709

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4800	1.2335	24.864	2.4498	2.3982	24.943	5.0322	5.0242
Stddev	.0016	.0020	.241	.0011	.0249	.276	.0068	.0632
%RSD	.06392	.16462	.96970	.04519	1.0372	1.1050	.13472	1.2587

#1	2.4811	1.2321	24.694	2.4490	2.3806	24.748	5.0370	4.9794
#2	2.4789	1.2350	25.035	2.4505	2.4158	25.138	5.0274	5.0689

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9576	4.9408	4.9199	5.0151	4.9288	5.114	5.0320	F2.0716
Stddev	.0006	.0237	.0010	.0421	.0485	.004	.1191	.0846
%RSD	.01144	.47894	.02055	.83871	.98444	.0721	2.3669	4.0829

#1	4.9572	4.9240	4.9192	4.9854	4.8945	5.116	4.9478	2.0118
#2	4.9580	4.9575	4.9206	5.0448	4.9631	5.111	5.1162	2.1314

Sample Name: CCV06 Acquired: 7/30/2018 17:50:02 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg ~~F~~2.1036
Stddev .1903
%RSD 9.0466

#1 2.2382
#2 1.9690

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1780.6	51959.	5387.8	92.871	2662.7
Stddev	7.6	256.	5.6	.589	13.9
%RSD	.42773	.49364	.10369	.63464	.52126

#1	1775.2	51778.	5391.8	93.287	2652.9
#2	1786.0	52140.	5383.9	92.454	2672.5

Sample Name: CCB06 Acquired: 7/30/2018 17:53:54 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	.00023	.00065	.00035	.00437	.00034	.00092
Stddev	.00302	.00126	.00023	.00377	.00091	.01155	.00084
%RSD	204.81	552.89	34.470	1090.8	20.709	3404.7	92.133

#1	.00361	.00111	-.00081	-.00232	-.00373	-.00783	-.00032
#2	-.00066	-.00066	-.00049	.00301	-.00501	.00851	-.00151

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00010	.00909	.00096	.00007	.00002	.00462
Stddev	.00003	.00009	.00555	.00092	.00033	.00075	.00887
%RSD	615.05	92.562	61.078	95.432	488.45	3242.4	191.94

#1	-.00003	.00017	-.01301	-.00031	.00016	.00051	.00165
#2	.00002	.00003	-.00516	-.00162	-.00030	-.00056	-.01089

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.05442	.00014	.00092	.27909	.00036	.00044
Stddev	.00003	.03770	.00009	.00042	.00576	.00019	.00020
%RSD	397.66	69.266	62.236	45.029	2.0623	54.568	44.031

#1	.00001	-.02777	.00021	-.00122	-.28316	-.00049	-.00058
#2	-.00002	-.08108	.00008	-.00063	-.27502	-.00022	-.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	.00043	.00255	.00812	.00160	.00040	.00099
Stddev	.02191	.00009	.00061	.00384	.00061	.00011	.00144
%RSD	3859.9	21.592	23.942	47.297	38.199	27.340	145.96

#1	-.01492	.00049	.00298	-.00541	.00117	-.00047	-.00003
#2	.01606	.00036	.00211	-.01084	.00204	-.00032	.00201

Sample Name: CCB06 Acquired: 7/30/2018 17:53:54 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.0021	-.00001	F<.00000	F.94770
Stddev	.00261	.0001	.00002	.26095	.97340
%RSD	2273.6	4.686	121.05	56.899	102.71

#1	.00196	-.0021	-.00003	-.27411	.25940
#2	-.00173	-.0020	.00000	-.64315	1.6360

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.9	54941.	5450.9	96.295	2999.2
Stddev	14.3	25.	15.5	.971	20.3
%RSD	.76569	.04478	.28415	1.0080	.67659

#1	1862.8	54923.	5461.8	96.982	2984.8
#2	1883.0	54958.	5439.9	95.609	3013.5

Sample Name: J4176-02MSD Acquired: 7/30/2018 17:58:01 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: SV26835MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92538	2.2879	1.1777	2.3658	.89959	2.4351	.24781	.22213
Stddev	.00520	.0032	.0015	.0009	.00214	.0260	.00410	.00101
%RSD	.56145	.13800	.12379	.03842	.23771	1.0674	1.6540	.45664

#1	.92170	2.2901	1.1787	2.3651	.89808	2.4167	.24491	.22141
#2	.92905	2.2856	1.1766	2.3664	.90110	2.4535	.25071	.22285

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22190	55.375	.50245	.22502	.38853	4.2699	.32636	3.8220
Stddev	.00082	1.263	.00083	.00011	.00055	.0002	.00084	.0484
%RSD	.37135	1.9313	.16480	.04713	.14091	.00384	.25851	1.2658

#1	.22249	64.483	.50304	.22495	.38892	4.2700	.32576	3.7878
#2	.22132	66.268	.50187	.22510	.38814	4.2697	.32695	3.8562

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59614	.08376	11.613	.34090	1.6592	14.118	.46593	.40058
Stddev	.00026	.00024	.260	.00041	.0119	.276	.00020	.00922
%RSD	.04371	.28793	2.2425	.12084	.71528	1.9562	.04367	2.3006

#1	.59632	.08393	11.429	.34119	1.6676	13.923	.46608	.39406
#2	.59595	.08359	11.797	.34061	1.6508	14.313	.46579	.40709

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.994	1.5277	.73205	.22887	.23437	3.926	.43342	2.4876
Stddev	.085	.0036	.00374	.00112	.00513	.017	.00575	.5315
%RSD	.18084	.23680	.51029	.48762	2.1872	.2447	1.3265	21.366

#1	47.054	1.5251	.73469	.22808	.23074	6.938	.42935	2.8634
#2	46.934	1.5303	.72941	.22966	.23799	6.914	.43748	2.1117

Sample Name: J4176-02MSD Acquired: 7/30/2018 17:58:01 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: SV26835MSD Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <00000
 Stddev .82682
 %RSD 1046.4

#1 .50564
 #2 -.66366

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1785.5	52993.	5412.6	95.401	2769.8
Stddev	3.3	99.	19.3	.897	7.6
%RSD	.18690	.18606	.35695	.94035	.27506

#1	1783.1	52923.	5426.2	94.767	2764.4
#2	1787.9	53062.	5398.9	96.035	2775.2

Sample Name: J4176-02A Acquired: 7/30/2018 18:01:55 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.92510	2.2894	1.1743	2.3785	.90866	2.4293	24803	22340	22141
Stddev	.00203	.0010	.0034	.0065	.00036	.0337	.00481	.00051	.00060
%RSD	.21928	.04178	.29286	.27195	.03952	1.3859	1.9400	.23036	.26888

#1	.92366	2.2901	1.1718	2.3739	.90841	2.4055	.24463	.22303	.22099
#2	.92653	2.2888	1.1767	2.3831	.90891	2.4531	.25143	.22376	.22183

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.228	50429	22502	38880	4.3342	32670	3.7229	59751	08301
Stddev	.835	.00309	.00030	.00026	.0526	.00033	.0010	.00026	.00063
%RSD	1.2794	.61280	.13290	.06680	1.2142	.10084	.02643	.04427	.75969

#1	64.638	.50647	.22481	.38898	4.3714	.32693	3.7235	.59769	.08257
#2	65.818	.50210	.22523	.38861	4.2970	.32647	3.7222	.59732	.08346

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	11.610	33859	1.6692	14.104	46716	38643	46.911	1.5109	73093
Stddev	.149	.00172	.0428	.274	.00265	.01515	.156	.0026	.00468
%RSD	1.2813	.50907	2.5631	1.9436	.56656	3.9197	.33243	.17378	.64039

#1	11.505	.33981	1.6994	13.910	.46528	.37572	47.021	1.5128	.72762
#2	11.715	.33737	1.6389	14.297	.46903	.39714	46.800	1.5091	.73424

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22581	23279	3.947	43124	2.1767	81197
Stddev	.00273	.00578	.016	.00633	.2521	1.4681
%RSD	1.2086	2.4837	.2279	1.4679	11.583	180.81

#1	.22388	.22870	6.936	.42676	1.9984	-.22617
#2	.22774	.23688	6.958	.43571	2.3550	1.8501

Sample Name: J4176-02A Acquired: 7/30/2018 18:01:55 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1783.5	53153.	5447.0	94.788	2772.9
Stddev	7.6	125.	20.3	2.658	11.8
%RSD	.42628	.23479	.37219	2.8047	.42458
#1	1778.2	53065.	5432.6	92.908	2764.6
#2	1788.9	53242.	5461.3	96.668	2781.3

Sample Name: PB111596BL Acquired: 7/30/2018 18:05:48 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00156	.00060	.00180	.00057	.00118	.00590	.00102
Stddev	.00185	.00293	.00032	.00191	.00127	.02171	.00056
%RSD	118.94	489.57	17.940	336.53	107.25	367.89	54.666

#1	-.00287	-.00147	-.00203	-.00078	-.00029	.02125	-.00141
#2	-.00025	.00267	-.00158	.00192	-.00208	-.00945	-.00062

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00012	.00014	.00049	.00015	.00017	.00530
Stddev	.00004	.00005	.02149	.00052	.00003	.00041	.01434
%RSD	333.21	43.033	14909.	105.52	20.713	232.82	270.58

#1	.00002	.00008	-.01505	-.00012	.00013	.00046	.00484
#2	-.00004	.00015	.01534	-.00085	.00017	-.00011	-.01544

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01852	.00002	.00066	.28262	.00039	.00047
Stddev	.00002	.00395	.00110	.00046	.00986	.00015	.00007
%RSD	191.31	21.314	5092.1	69.650	3.4879	38.792	15.834

#1	.00002	-.02131	-.00080	-.00034	-.28959	-.00049	-.00052
#2	.00000	-.01573	.00076	-.00099	-.27565	-.00028	-.00042

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01695	.00043	.00926	.00255	.00071	.00129	.00052
Stddev	.01727	.00006	.00426	.00015	.00125	.00053	.00086
%RSD	101.90	13.068	46.008	5.8831	176.49	40.939	164.90

#1	-.02917	.00039	-.01227	-.00266	.00159	-.00092	-.00009
#2	-.00474	.00047	-.00625	-.00244	-.00018	-.00167	.00113

Sample Name: PB111596BL Acquired: 7/30/2018 18:05:48 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00041	-.0021	.00010	F<.00000	F.26653
Stddev	.00114	.0002	.00013	.47568	.47517
%RSD	278.35	11.20	123.56	73.921	178.28

#1	.00122	-.0019	.00001	-.30714	.60253
#2	-.00040	-.0023	.00019	-.97985	-.06946

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.2	54784.	5462.6	95.832	2963.1
Stddev	8.3	123.	2.3	.199	.0
%RSD	.44876	.22465	.04166	.20794	.00014

#1	1838.3	54697.	5461.0	95.691	2963.1
#2	1850.0	54871.	5464.2	95.973	2963.1

Sample Name: PB111596BS Acquired: 7/30/2018 18:09:55 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76917	1.9645	.93599	1.9638	.76185	1.8269	.19942
Stddev	.00115	.0048	.00205	.0061	.00399	.0393	.00180
%RSD	.14924	.24622	.21933	.30968	.52316	2.1524	.90265

#1	.76835	1.9610	.93744	1.9681	.76467	1.7990	.19815
#2	.76998	1.9679	.93454	1.9595	.75903	1.8547	.20069

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18850	.18477	.98866	.39330	.18828	.28108	2.8215
Stddev	.00011	.00013	.02523	.00177	.00029	.00030	.0153
%RSD	.05642	.07014	2.5518	.44879	.15597	.10708	.54338

#1	.18857	.18468	.97083	.39455	.18807	.28129	2.8107
#2	.18842	.18486	1.0065	.39205	.18848	.28086	2.8324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19824	1.9019	.48202	.07136	2.6544	.29312	.18847
Stddev	.00015	.0054	.00063	.00094	.0268	.00078	.00461
%RSD	.07769	.28372	.13124	1.3229	1.0095	.26515	2.4444

#1	.19813	1.8981	.48157	.07203	2.6355	.29367	.19173
#2	.19835	1.9057	.48247	.07069	2.6734	.29257	.18521

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5885	.39166	.26996	F .00855	.84147	.63579	.18896
Stddev	.0568	.00101	.00218	.00583	.00701	.00068	.00455
%RSD	.59226	.25910	.80675	68.165	.83264	.10640	2.4076

#1	9.5483	.39238	.26842	-.01267	.84643	.63627	.18575
#2	9.6286	.39094	.27150	-.00443	.83652	.63531	.19218

Sample Name: PB111596BS Acquired: 7/30/2018 18:09:55 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18987	5.554	.19552	F<00000	F<00000
Stddev	.00118	.005	.00153	.27922	1.1335
%RSD	.61995	.0935	.78056	32.064	1233.6

#1	.18904	5.551	.19660	-.67338	-.89341
#2	.19070	5.558	.19444	-1.0682	.70963

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.6	54025.	5481.4	97.916	2912.1
Stddev	7.2	65.	50.9	1.983	17.0
%RSD	.39252	.12003	.92935	2.0255	.58446

#1	1848.8	53979.	5445.4	96.514	2924.2
#2	1838.5	54071.	5517.4	99.319	2900.1

Sample Name: PB111596TB Acquired: 7/30/2018 18:13:49 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.00364	.00472	.00150	.00243	.00169	.00387	.00139	.00013
Stddev	.00139	.00039	.00056	.00130	.00034	.00810	.00120	.00003
%RSD	38.082	8.3244	37.478	53.283	20.345	209.17	86.192	23.948

#1	-.00462	-.00500	-.00111	.00335	-.00145	-.00960	-.00223	-.00015
#2	-.00266	-.00444	-.00190	.00152	-.00194	.00185	-.00054	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00241	.00049	.00028	.00020	.00974	.00003	.00473
Stddev	.00013	.00049	.00057	.00032	.00018	.00445	.00000	.00745
%RSD	528.28	20.475	116.15	112.20	89.472	45.636	17.080	157.70

#1	-.00012	-.00206	-.00009	-.00006	.00032	-.01289	.00003	-.01000
#2	.00007	-.00275	-.00089	-.00050	.00007	-.00660	.00002	.00054

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00119	.00023	F 334.47	.00026	.00105	.01116	.00005	.00248
Stddev	.00078	.00026	9.21	.00032	.00008	.00918	.00055	.00825
%RSD	66.105	115.78	2.7537	120.02	7.4261	82.205	1050.2	332.26

#1	.00174	-.00004	327.96	-.00049	.00110	.01765	.00034	-.00832
#2	.00063	-.00042	340.99	-.00004	.00099	.00467	-.00044	.00335

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00316	.00542	.00231	.00066	.00040	.0028	.00001	F 1.0749
Stddev	.00167	.00334	.00125	.00151	.00039	.0047	.00004	.4261
%RSD	52.939	61.518	54.120	229.31	97.159	168.9	291.19	39.639

#1	.00435	.00778	.00319	.00173	.00013	-.0062	-.00002	1.3762
#2	.00198	.00307	.00143	-.00041	.00068	.0005	.00005	.77361

Sample Name: PB111596TB Acquired: 7/30/2018 18:13:49 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.6571
 Stddev .3035
 %RSD 6.5164

#1 4.8717
 #2 4.4426

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1712.4	50004.	5328.7	93.323	2578.3
Stddev	4.6	239.	12.7	.707	2.2
%RSD	.26841	.47868	.23916	.75770	.08492

#1	1709.2	49835.	5337.7	93.823	2576.8
#2	1715.7	50173.	5319.7	92.823	2579.9

Sample Name: J4200-06 Acquired: 7/30/2018 18:18:01 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.00124	.00014	-.00112	.00738	-.00271	.05040	.03839	-.00009
Stddev	.00388	.00030	.00100	.00326	.00450	.00067	.00056	.00008
%RSD	312.15	209.77	89.885	44.140	166.16	1.3335	1.4465	94.171

#1	-.00150	-.00007	-.00183	.00507	.00047	.04992	.03800	-.00003
#2	.00399	.00035	-.00041	.00968	-.00589	.05087	.03878	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	122.26	.00006	.00079	.00140	.38521	.07255	3.2531
Stddev	.00002	2.12	.00029	.00005	.00002	.00614	.00048	.0478
%RSD	22.465	1.7316	513.55	5.9179	1.2903	1.5942	.65864	.76384

#1	-.00012	120.76	.00026	.00082	.00138	.38087	.07222	6.2193
#2	-.00009	123.75	-.00015	.00076	.00141	.38955	.07289	6.2869

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00377	-.00061	19.189	.00233	.09718	3.0440	.00069	.04709
Stddev	.00023	.00085	.345	.00062	.00176	.0395	.00040	.00945
%RSD	6.0411	138.93	1.7972	26.661	1.8098	1.2983	57.778	20.076

#1	.00393	-.00121	18.946	.00189	.09842	3.0161	.00097	.05377
#2	.00361	-.00001	19.433	.00277	.09594	3.0720	.00041	.04040

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	95.291	1.6725	-.03605	-.00051	.00473	.1344	.25389	3.9919
Stddev	.227	.0127	.00190	.00004	.00048	.0002	.00422	.6708
%RSD	.23787	.76253	5.2818	8.2871	10.191	.1777	1.6632	16.805

#1	95.452	1.6635	-.03740	-.00048	.00439	.1342	.25090	3.5175
#2	95.131	1.6815	-.03471	-.00054	.00507	.1346	.25687	4.4662

Sample Name: J4200-06 Acquired: 7/30/2018 18:18:01 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6992
Stddev	.7335
%RSD	43.163

#1	1.1806
#2	2.2179

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1762.2	52738.	5472.8	94.773	2761.9
Stddev	6.1	89.	2.7	2.298	17.3
%RSD	.34750	.16821	.04955	2.4247	.62650

#1	1757.9	52676.	5474.7	93.148	2749.6
#2	1766.5	52801.	5470.8	96.398	2774.1

Sample Name: J4200-06DUP Acquired: 7/30/2018 18:22:03 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.00076	.00428	.00027	.00829	.00601	.04910	.03894	.00006
Stddev	.00211	.00015	.00009	.00175	.00363	.01485	.00098	.00002
%RSD	278.61	3.5171	31.277	21.179	60.394	30.244	2.5090	28.502

#1	-.00073	-.00418	.00033	.00704	-.00857	.05960	.03825	-.00005
#2	.00224	-.00439	.00021	.00953	-.00344	.03860	.03963	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	124.18	.00047	.00058	.00131	.36408	.07418	3.3866
Stddev	.00007	3.60	.00010	.00023	.00011	.00962	.00052	.1543
%RSD	44.324	2.9022	21.607	38.687	8.2602	2.6432	.70311	2.4168

#1	-.00021	121.63	-.00040	.00042	.00139	.37088	.07455	6.2775
#2	-.00011	126.73	-.00054	.00074	.00123	.35727	.07382	6.4957

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00313	.00065	19.518	.00204	.09659	3.0858	.00159	.05293
Stddev	.00031	.00005	.550	.00009	.00029	.0891	.00025	.00096
%RSD	9.7663	7.5868	2.8155	4.5747	.29751	2.8864	16.042	1.8077

#1	.00291	-.00061	19.129	.00197	.09679	3.0228	.00141	.05361
#2	.00334	-.00068	19.906	.00210	.09639	3.1488	.00177	.05225

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	96.353	1.7028	.03642	.00245	.00362	.1342	.25880	4.5678
Stddev	.007	.0143	.00123	.00030	.00022	.0024	.00750	.4778
%RSD	.00774	.84162	3.3744	12.318	6.1009	1.818	2.8979	10.459

#1	96.359	1.6927	-.03555	-.00267	.00377	.1359	.25350	4.9056
#2	96.348	1.7130	-.03729	-.00224	.00346	.1324	.26410	4.2300

Sample Name: J4200-06DUP Acquired: 7/30/2018 18:22:03 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.0922
Stddev	1.4112
%RSD	67.451

#1	3.0901
#2	1.0943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.1	51696.	5383.8	95.146	2724.7
Stddev	1.6	548.	47.3	.384	4.0
%RSD	.08987	1.0606	.87938	.40371	.14668

#1	1736.0	51308.	5417.3	94.874	2721.9
#2	1738.2	52083.	5350.4	95.417	2727.5

Sample Name: J4200-06LX5 Acquired: 7/30/2018 18:26:06 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	.00034	.00084	.00485	.00296	.01203	.00703	.00005
Stddev	.00487	.00320	.00182	.00078	.00109	.00858	.00043	.00007
%RSD	435.49	931.18	216.21	15.981	37.019	71.369	6.1083	143.20

#1	.00456	-.00260	.00045	.00430	-.00373	.00596	.00734	-.00010
#2	-.00232	.00192	-.00213	.00540	-.00218	.01810	.00673	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	26.308	.00094	.00010	.00010	.07625	.01586	1.3378
Stddev	.00017	.613	.00074	.00010	.00007	.00041	.00006	.0398
%RSD	1145.6	2.3282	79.095	103.85	70.513	.53550	.38665	2.9723

#1	.00013	25.875	-.00146	.00003	.00005	.07596	.01582	1.3097
#2	-.00010	26.741	-.00041	.00017	.00015	.07654	.01591	1.3659

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	.00072	3.8219	.00006	.02191	.60626	.00013	.00387
Stddev	.00014	.00005	.0772	.00010	.00048	.03264	.00019	.00345
%RSD	12.564	6.3813	2.0203	162.28	2.1686	5.3835	144.31	89.139

#1	.00101	-.00069	3.7673	-.00013	.02157	.58318	.00027	.00143
#2	.00121	-.00075	3.8765	.00001	.02225	.62934	.00000	.00631

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.444	.36568	.00749	.00045	.00201	.0286	.05429	.90957
Stddev	.022	.00833	.00179	.00189	.00034	.0018	.00083	.02462
%RSD	.10560	2.2777	23.920	425.65	17.054	6.217	1.5285	2.7069

#1	20.429	.35979	-.00876	-.00178	.00225	.0274	.05370	.89216
#2	20.459	.37157	-.00623	.00089	.00177	.0299	.05487	.92698

Sample Name: J4200-06LX5 Acquired: 7/30/2018 18:26:06 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1084
Stddev .8337
%RSD 75.218

#1 1.6979
#2 .51886

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.8	54068.	5483.3	95.173	2917.0
Stddev	2.0	213.	26.3	.926	5.3
%RSD	.10990	.39396	.48024	.97262	.18061

#1	1833.4	53918.	5501.9	95.827	2913.3
#2	1836.3	54219.	5464.7	94.518	2920.7

Sample Name: J4200-06MS Acquired: 7/30/2018 18:30:10 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.88733	2.0998	1.0251	2.2014	.88839	2.2531	26923	20953	20275
Stddev	.00675	.0019	.0004	.0126	.00349	.0644	.00639	.00030	.00001
%RSD	.76074	.08931	.03908	.57150	.39323	2.8595	2.3741	.14182	.00632

#1	.89210	2.1011	1.0254	2.2103	.88592	2.2075	.26471	.20932	.20274
#2	.88255	2.0985	1.0248	2.1925	.89086	2.2986	.27375	.20974	.20275

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	122.56	43449	21269	31043	3.6025	28907	3.3857	53524	07922
Stddev	2.61	.00088	.00064	.00058	.0523	.00099	.1943	.00031	.00071
%RSD	2.1326	.20198	.30233	.18826	1.4517	.34196	2.3165	.05866	.89100

#1	120.71	.43387	.21314	.31084	3.5655	.28837	8.2483	.53502	.07972
#2	124.41	.43511	.21223	.31002	3.6395	.28977	8.5231	.53547	.07873

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.477	33684	30087	14.424	46167	36146	95.001	2.6398	68777
Stddev	.415	.00111	.00057	.365	.00246	.00948	.573	.0081	.00030
%RSD	1.8455	.32926	.19059	2.5331	.53376	2.6217	.60274	.30575	.04313

#1	22.184	.33605	.30046	14.166	.46342	.35476	95.406	2.6341	.68756
#2	22.770	.33762	.30128	14.683	.45993	.36816	94.596	2.6455	.68798

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21979	23099	6.625	48085	4.4001	58588
Stddev	.00112	.00507	.003	.00742	.5299	.47028
%RSD	.50935	2.1948	.0484	1.5435	12.042	80.270

#1	.21900	.22740	6.627	.47560	4.7748	.25334
#2	.22059	.23457	6.622	.48610	4.0255	.91841

Sample Name: J4200-06MS Acquired: 7/30/2018 18:30:10 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1732.7	51615.	5365.7	94.599	2706.1
Stddev	17.0	29.	5.3	.772	25.2
%RSD	.98348	.05678	.09785	.81574	.93042
#1	1720.6	51594.	5362.0	94.053	2688.2
#2	1744.7	51636.	5369.4	95.145	2723.9

Sample Name: J4200-06MSD Acquired: 7/30/2018 18:34:03 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.89188	2.0977	1.0244	2.1884	.88447	2.2222	.26900	.20877	.20313
Stddev	.00170	.0083	.0066	.0053	.00495	.0386	.00447	.00019	.00109
%RSD	.19113	.39364	.64817	.24207	.55956	1.7381	1.6611	.09045	.53443

#1	.89068	2.0919	1.0197	2.1847	.88097	2.1949	.26584	.20890	.20237
#2	.89309	2.1035	1.0291	2.1922	.88797	2.2495	.27216	.20863	.20390

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	122.45	.43224	.21311	.31065	3.5838	.28795	3.4268	.53386	.07870
Stddev	1.50	.00029	.00119	.00091	.0583	.00009	.1245	.00083	.00052
%RSD	1.2280	.06632	.55931	.29379	1.6261	.03261	1.4777	.15592	.65548

#1	121.39	.43244	.21227	.31130	3.5426	.28788	8.3387	.53444	.07906
#2	123.51	.43204	.21395	.31001	3.6250	.28801	8.5148	.53327	.07833

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.440	.33224	.29757	14.282	.46053	.36085	95.019	2.6207	.68863
Stddev	.192	.00200	.00035	.194	.00318	.01761	.048	.0109	.00463
%RSD	.85668	.60052	.11874	1.3577	.69144	4.8811	.05062	.41716	.67166

#1	22.304	.33365	.29732	14.145	.45828	.34840	94.985	2.6284	.68536
#2	22.576	.33083	.29782	14.419	.46278	.37331	95.053	2.6130	.69191

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21882	.23004	6.624	.47563	3.9306	.41606
Stddev	.00746	.00489	.013	.00387	.3378	.35299
%RSD	3.4084	2.1259	.1920	.81283	8.5954	84.842

#1	.21355	.22658	6.615	.47289	4.1695	.16646
#2	.22410	.23350	6.633	.47836	3.6917	.66567

Sample Name: J4200-06MSD Acquired: 7/30/2018 18:34:03 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1732.9	51892.	5389.7	95.194	2700.5
Stddev	.2	184.	16.0	.000	1.4
%RSD	.00941	.35463	.29681	.00025	.05097
#1	1733.0	51762.	5378.4	95.194	2699.5
#2	1732.8	52022.	5401.0	95.195	2701.5

Sample Name: CCV07 Acquired: 7/30/2018 18:37:57 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	5.0009	4.9652	4.8667	5.0005	4.9205	3.5618	10.065	2.4030
Stddev	.0038	.0086	.0060	.0226	.0001	.1500	.116	.00084
%RSD	.07667	.17284	.12220	.45161	.00216	1.5689	1.1532	.34818

#1	4.9982	4.9592	4.8625	5.0164	4.9205	9.4557	9.9828	.23971
#2	5.0036	4.9713	4.8709	4.9845	4.9206	9.6679	10.147	.24089

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4007	24.788	.96488	2.4259	1.2113	4.8563	2.4092	24.496
Stddev	.0076	.428	.00205	.0047	.0009	.0372	.0026	.376
%RSD	.31650	1.7264	.21292	.19354	.07507	.76661	.10937	1.5331

#1	2.3953	24.486	.96343	2.4225	1.2107	4.8299	2.4074	24.231
#2	2.4061	25.091	.96634	2.4292	1.2120	4.8826	2.4111	24.762

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4443	1.2202	24.657	2.4292	2.3738	24.717	4.9909	4.9486
Stddev	.0090	.0036	.342	.0072	.0095	.257	.0150	.0353
%RSD	.36657	.29387	1.3862	.29477	.39950	1.0415	.30065	.71257

#1	2.4380	1.2177	24.415	2.4242	2.3805	24.535	4.9802	4.9237
#2	2.4507	1.2227	24.899	2.4343	2.3671	24.899	5.0015	4.9735

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8938	4.8979	4.9022	4.9860	4.8715	5.069	4.9763	F 2.2201
Stddev	.0165	.0143	.0137	.0526	.0540	.001	.0922	.0330
%RSD	.33705	.29276	.27926	1.0546	1.1080	.0168	1.8520	1.4844

#1	4.9054	4.8877	4.8925	4.9488	4.8334	5.070	4.9111	2.1968
#2	4.8821	4.9080	4.9118	5.0232	4.9097	5.068	5.0414	2.2434

Sample Name: CCV07 Acquired: 7/30/2018 18:37:57 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F2.7704
Stddev .9090
%RSD 32.812

#1 2.1277
#2 3.4132

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1798.4	52625.	5404.5	93.947	2694.3
Stddev	.6	136.	4.2	.669	3.8
%RSD	.03099	.25851	.07778	.71217	.14141

#1	1798.0	52528.	5401.5	93.474	2691.6
#2	1798.8	52721.	5407.5	94.420	2697.0

Sample Name: CCB07 Acquired: 7/30/2018 18:41:50 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	.00254	.00035	.00200	.00055	.00492	.00100
Stddev	.00530	.00005	.00051	.00104	.00049	.01332	.00033
%RSD	1969.0	2.0174	148.03	51.821	87.657	270.62	32.934

#1	-.00348	.00251	.00002	.00274	-.00090	.01434	-.00077
#2	.00402	.00258	-.00071	.00127	-.00021	-.00450	-.00123

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00015	.00479	.00085	.00003	.00006	.00041
Stddev	.00008	.00004	.01346	.00030	.00034	.00000	.00970
%RSD	124.83	28.943	281.02	35.247	996.81	1.3825	2369.3

#1	-.00011	.00018	-.00473	-.00064	-.00028	.00006	-.00727
#2	-.00001	.00012	.01431	-.00106	.00021	.00006	.00645

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.05129	.00039	.00073	.27377	.00024	.00042
Stddev	.00002	.01934	.00007	.00010	.01091	.00050	.00006
%RSD	37.068	37.697	18.091	13.230	3.9863	205.59	14.562

#1	-.00004	-.06497	.00034	-.00066	-.28148	-.00060	-.00037
#2	-.00006	-.03762	.00044	-.00079	-.26605	.00011	-.00046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00981	.00040	.00022	.00174	.00070	.00019	.00013
Stddev	.02731	.00004	.00121	.00697	.00101	.00107	.00023
%RSD	278.34	10.844	540.94	401.43	144.88	558.30	186.61

#1	-.00950	.00043	-.00108	-.00319	-.00141	-.00057	-.00004
#2	.02913	.00037	.00063	.00666	.00002	.00095	.00029

Sample Name: CCB07 Acquired: 7/30/2018 18:41:50 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00151	-.0051	.00009	F<.00000	F1.0283
Stddev	.00010	.0016	.00004	.24640	.4155
%RSD	6.9193	31.39	45.572	50.675	40.406
#1	.00143	-.0062	.00012	-.66047	.73449
#2	.00158	-.0040	.00006	-.31200	1.3221
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1871.4	54911.	5441.3	94.952	2995.3
Stddev	7.2	234.	2.1	.582	14.9
%RSD	.38209	.42646	.03828	.61268	.49676
#1	1866.3	54746.	5442.7	95.364	2984.7
#2	1876.4	55077.	5439.8	94.541	3005.8

Sample Name: J4200-06A Acquired: 7/30/2018 18:45:57 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.88736	2.1108	1.0287	2.2031	.89075	2.2234	.27073	.20954
Stddev	.00145	.0058	.0003	.0121	.00700	.0202	.00318	.00078
%RSD	.16390	.27274	.03103	.54998	.78620	.91045	1.1754	.37383

#1	.88839	2.1068	1.0285	2.2117	.89570	2.2091	.26848	.20899
#2	.88633	2.1149	1.0290	2.1946	.88579	2.2377	.27298	.21010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20414	122.96	.43403	.21383	.31155	3.5798	.28895	3.4039
Stddev	.00051	2.92	.00244	.00038	.00066	.0085	.00111	.2100
%RSD	.24865	2.3768	.56195	.17772	.21224	.23637	.38443	2.4995

#1	.20450	120.89	.43230	.21356	.31202	3.5857	.28816	8.2553
#2	.20378	125.03	.43575	.21410	.31108	3.5738	.28973	8.5524

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53714	.07840	22.586	.33682	.30187	14.388	.46322	.37197
Stddev	.00102	.00052	.481	.00327	.00602	.241	.00131	.00146
%RSD	.18915	.65880	2.1290	.96969	1.9934	1.6765	.28325	.39161

#1	.53642	.07803	22.246	.33451	.30613	14.217	.46414	.37300
#2	.53786	.07876	22.926	.33913	.29762	14.558	.46229	.37094

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	95.588	2.6663	.69265	.21944	.23242	6.658	.48279	4.1220
Stddev	.102	.0064	.00352	.00211	.00302	.001	.01040	.1264
%RSD	.10683	.24029	.50770	.96130	1.2998	.0159	2.1538	3.0664

#1	95.515	2.6617	.69016	.21795	.23028	6.658	.47544	4.0327
#2	95.660	2.6708	.69513	.22093	.23455	6.659	.49014	4.2114

Sample Name: J4200-06A Acquired: 7/30/2018 18:45:57 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <00000
 Stddev .73641
 %RSD 350.23

#1 .31046
 #2 -.73098

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1729.1	51844.	5331.4	94.042	2693.8
Stddev	7.9	93.	1.7	1.996	4.3
%RSD	.45838	.18002	.03271	2.1223	.16101

#1	1723.5	51778.	5332.7	92.631	2690.7
#2	1734.7	51910.	5330.2	95.454	2696.9

Sample Name: PB111591BL Acquired: 7/30/2018 18:49:51 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00083	.00168	.00074	.00215	.00080	.00323	.00102
Stddev	.00238	.00188	.00061	.00254	.00191	.00260	.00120
%RSD	286.84	111.93	82.822	118.23	238.99	80.586	117.77

#1	.00085	.00301	-.00031	-.00035	.00215	-.00139	-.00187
#2	-.00251	.00035	-.00117	-.00395	-.00055	-.00507	-.00017

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00021	.01847	.00060	.00009	.00036	.00681
Stddev	.00002	.00018	.00327	.00028	.00017	.00043	.00630
%RSD	69.525	86.146	17.688	46.875	181.82	119.92	92.601

#1	.00002	.00008	-.02078	-.00079	.00003	.00067	-.01126
#2	.00005	.00034	-.01616	-.00040	-.00021	.00005	-.00235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.01094	.00003	.00025	.27360	.00015	.00054
Stddev	.00005	.00070	.00039	.00055	.00917	.00035	.00004
%RSD	105.74	6.4099	1261.9	218.48	3.3513	229.06	7.3852

#1	-.00008	.01044	.00024	.00064	-.28008	.00040	-.00056
#2	-.00001	.01143	-.00030	-.00014	-.26711	-.00009	-.00051

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00973	.00012	.00010	.00207	.00017	.00063	.00043
Stddev	.00932	.00009	.00114	.00238	.00280	.00039	.00044
%RSD	95.818	75.444	1140.4	114.90	1620.0	62.710	103.82

#1	-.01632	.00019	.00090	.00375	.00181	-.00090	.00011
#2	-.00314	.00006	-.00070	.00039	-.00216	-.00035	.00074

Sample Name: PB111591BL Acquired: 7/30/2018 18:49:51 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00043	-.0021	.00002	F<.00000	F.66967
Stddev	.00140	.0001	.00001	.20271	.04568
%RSD	321.76	7.121	43.123	27.352	6.8210

#1	.00142	-.0020	.00001	-.88444	.63737
#2	-.00055	-.0022	.00003	-.59777	.70196

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1871.7	54959.	5455.9	94.527	2996.7
Stddev	.8	6.	13.9	.630	2.7
%RSD	.04373	.01123	.25426	.66644	.09037

#1	1871.1	54954.	5446.1	94.973	2998.6
#2	1872.3	54963.	5465.7	94.082	2994.8

Sample Name: PB111591BS Acquired: 7/30/2018 18:53:58 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78047	1.9881	.94563	1.9878	.77843	1.8407	.20483
Stddev	.00080	.0060	.00167	.0048	.00211	.0163	.00220
%RSD	.10278	.29945	.17685	.24327	.27045	.88724	1.0737
#1	.77990	1.9923	.94445	1.9844	.77992	1.8291	.20327
#2	.78104	1.9839	.94681	1.9912	.77694	1.8522	.20638
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19113	.18739	1.0391	.39464	.19085	.28612	2.9035
Stddev	.00028	.00063	.0407	.00106	.00138	.00098	.0897
%RSD	.14870	.33749	3.9179	.26807	.72259	.34167	3.0894
#1	.19133	.18694	1.0103	.39539	.18987	.28681	2.8401
#2	.19093	.18783	1.0679	.39389	.19182	.28543	2.9669
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20136	1.9511	.48401	.07195	2.7379	.29723	.19490
Stddev	.00013	.0812	.00107	.00029	.0578	.00062	.00133
%RSD	.06688	4.1605	.22097	.40288	2.1096	.20964	.68480
#1	.20127	1.8937	.48326	.07215	2.6970	.29767	.19395
#2	.20146	2.0085	.48477	.07174	2.7787	.29679	.19584
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8278	.39598	.28194	F .00413	.86711	.64539	.19575
Stddev	.1543	.00048	.00838	.00470	.00719	.00182	.00210
%RSD	1.5697	.12036	2.9707	113.88	.82900	.28198	1.0742
#1	9.7187	.39632	.27602	-.00080	.86203	.64667	.19723
#2	9.9369	.39564	.28786	-.00745	.87219	.64410	.19426

Sample Name: PB111591BS Acquired: 7/30/2018 18:53:58 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19502	5.629	.20406	F<00000	F<00000
Stddev	.00083	.000	.00120	.03122	.54414
%RSD	.42771	.0000	.58852	5.0769	3326.2

#1	.19443	5.629	.20321	-.59285	.36841
#2	.19561	5.629	.20491	-.63700	-.40112

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.2	54095.	5361.6	96.046	2912.3
Stddev	.7	239.	4.8	.556	3.4
%RSD	.03746	.44127	.08888	.57871	.11792

#1	1844.8	53927.	5358.3	96.439	2909.9
#2	1845.7	54264.	5365.0	95.653	2914.8

Sample Name: PB111591TB Acquired: 7/30/2018 18:57:52 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: PB111591TB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00384	.00292	.00098	.00195	.00127	.00078	.00160	.00012
Stddev	.00141	.00019	.00049	.00063	.00097	.00880	.00043	.00005
%RSD	36.749	6.5436	49.766	32.398	76.148	1121.8	26.616	44.669

#1	-.00484	-.00278	-.00133	.00240	-.00196	-.00544	-.00191	-.00008
#2	-.00284	-.00305	-.00064	.00150	-.00059	.00701	-.00130	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00152	.00066	.00005	.00048	.00823	.00010	.03096
Stddev	.00008	.01199	.00033	.00038	.00091	.01246	.00005	.02914
%RSD	51.264	790.13	50.542	838.97	188.92	151.44	47.636	94.119

#1	.00021	.01000	-.00042	-.00031	.00112	-.00058	.00014	-.01035
#2	.00010	-.00696	-.00089	.00022	-.00016	.01704	.00007	-.05156

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00090	.00105	F 288.31	.00075	.00162	.00811	.00011	.00613
Stddev	.00025	.00003	4.80	.00017	.00001	.00211	.00032	.01060
%RSD	28.196	2.8743	1.6647	22.019	.86345	25.990	289.32	172.93

#1	.00108	-.00107	284.92	-.00063	.00161	.00662	.00034	-.01362
#2	.00072	-.00103	291.71	-.00087	.00163	.00960	-.00012	.00137

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00134	.00385	.00037	.00050	.00196	.00055	.00002	F 1.1013
Stddev	.00073	.00031	.00058	.00116	.00036	.0002	.00004	.0379
%RSD	54.679	8.1086	158.04	232.61	18.518	4.036	199.96	3.4371

#1	.00082	.00407	-.00078	.00132	.00171	-.0053	.00001	1.0746
#2	.00186	.00363	.00004	-.00032	.00222	-.0056	-.00005	1.1281

Sample Name: PB111591TB Acquired: 7/30/2018 18:57:52 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: PB111591TB Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.3114
Stddev	.1537
%RSD	4.6427

#1	3.4201
#2	3.2027

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1740.5	50480.	5369.9	93.134	2623.7
Stddev	20.3	164.	21.3	1.154	17.1
%RSD	1.1679	.32540	.39743	1.2389	.65169

#1	1726.1	50363.	5354.8	92.318	2611.6
#2	1754.9	50596.	5385.0	93.950	2635.8

Sample Name: J3831-04 Acquired: 7/30/2018 19:02:04 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: SU-03-072718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00256	.00008	.00169	.00232	.03746	.09300	.00004
Stddev	.00198	.00045	.00107	.00466	.00071	.00016	.00088	.00001
%RSD	2080.4	17.579	1340.0	276.17	30.449	.43459	.94215	21.857

#1	-.00131	-.00224	.00083	-.00161	-.00282	.03735	.09238	-.00003
#2	.00150	-.00287	-.00067	.00499	-.00182	.03758	.09362	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	15.450	.00248	.01172	.00665	.02117	1.2716	2.7134
Stddev	.00012	.160	.00033	.00008	.00019	.00078	.0025	.0009
%RSD	38.798	1.0345	13.262	.66234	2.8651	3.6789	.19608	.03397

#1	.00022	15.337	.00225	.01177	.00678	.02172	1.2733	2.7141
#2	.00039	15.563	.00271	.01166	.00651	.02062	1.2698	2.7127

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00691	.00064	322.29	.00031	.02073	.82884	.00039	.01661
Stddev	.00036	.00013	5.27	.00005	.00097	.00421	.00016	.00030
%RSD	5.2380	19.880	1.6361	16.072	4.6738	.50820	40.476	1.8032

#1	.00717	-.00055	318.56	.00035	.02142	.83181	.00028	.01640
#2	.00665	-.00073	326.02	.00027	.02005	.82586	.00051	.01683

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17106	.78117	.00164	.00123	.00221	.0026	.06402	2.2563
Stddev	.00224	.00843	.00036	.00097	.00116	.0036	.00074	.3401
%RSD	1.3113	1.0788	21.688	78.526	52.698	136.4	1.1484	15.074

#1	.17265	.78713	.00190	.00191	.00138	.0052	.06350	2.4968
#2	.16947	.77521	.00139	.00055	.00303	.0001	.06454	2.0158

Sample Name: J3831-04 Acquired: 7/30/2018 19:02:04 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: SU-03-072718 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.5287
 Stddev .0874
 %RSD 1.9298

#1 4.5905
 #2 4.4669

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1757.1	50632.	5439.8	94.507	2608.6
Stddev	6.8	216.	30.5	3.969	14.7
%RSD	.38766	.42752	.56019	4.2002	.56364

#1	1752.3	50479.	5418.2	91.700	2598.2
#2	1761.9	50786.	5461.3	97.314	2619.0

Sample Name: J3831-04DUP Acquired: 7/30/2018 19:06:15 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: SU-03-072718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00429	.00215	.00079	.00819	.00221	.04526	.09308	.00007
Stddev	.00079	.00059	.00006	.00197	.00049	.00519	.00162	.00007
%RSD	18.493	27.655	7.4733	24.017	22.232	11.471	1.7447	98.183

#1	-.00485	-.00173	-.00075	.00680	-.00256	.04159	.09193	-.00012
#2	-.00373	-.00257	-.00083	.00958	-.00186	.04893	.09422	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	15.490	.00392	.01165	.00660	.02655	1.2719	2.7168
Stddev	.00007	.183	.00002	.00018	.00113	.00149	.0036	.0524
%RSD	19.033	1.1831	.59290	1.5849	17.036	5.5950	.28502	1.9300

#1	.00031	15.360	.00390	.01179	.00581	.02550	1.2693	2.6798
#2	.00040	15.619	.00394	.01152	.00740	.02760	1.2744	2.7539

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00776	.00024	322.33	.00018	.02048	.81783	.00061	.01127
Stddev	.00025	.00020	7.43	.00061	.00010	.02944	.00053	.00210
%RSD	3.1667	81.734	2.3054	332.20	.49490	3.5997	85.997	18.635

#1	.00759	-.00010	317.08	-.00025	.02055	.79702	.00098	.00978
#2	.00794	-.00038	327.59	.00061	.02041	.83865	.00024	.01275

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16979	.78397	.00183	.00143	.00426	.0002	.06373	1.7705
Stddev	.00294	.00118	.00137	.00127	.00087	.0001	.00075	.1317
%RSD	1.7294	.15039	74.613	88.849	20.406	38.88	1.1794	7.4400

#1	.17187	.78480	.00087	.00233	.00365	-.0002	.06320	1.6773
#2	.16772	.78314	.00280	.00053	.00487	-.0001	.06426	1.8636

Sample Name: J3831-04DUP Acquired: 7/30/2018 19:06:15 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: SU-03-072718 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.8884
Stddev	.6029
%RSD	12.334

#1	4.4621
#2	5.3148

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1746.7	50828.	5428.0	95.014	2602.4
Stddev	.7	247.	20.1	.540	.3
%RSD	.04201	.48656	.37080	.56831	.01116

#1	1746.2	50653.	5413.8	94.632	2602.6
#2	1747.2	51003.	5442.2	95.395	2602.2

Sample Name: J3831-04LX5 Acquired: 7/30/2018 19:10:24 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00190	.00098	.00000	.00314	.00352	.00939	.01800	.00001
Stddev	.00537	.00033	.0002	.00020	.00014	.00136	.00008	.00004
%RSD	282.92	33.507	9017.1	6.3821	3.9318	14.499	.43734	565.47

#1	-.00570	.00075	.00011	.00300	-.00342	.01035	.01794	.00002
#2	.00190	.00122	-.00012	.00328	-.00362	.00843	.01805	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	3.1549	.00637	.00250	.00184	.03899	.25920	.53636
Stddev	.00001	.0594	.00016	.00014	.00048	.00672	.00118	.00493
%RSD	3.9563	1.8840	2.4509	5.6067	26.234	17.221	.45387	.91911

#1	.00019	3.1129	.00648	.00240	.00150	.03425	.26004	.53985
#2	.00018	3.1970	.00626	.00260	.00218	.04374	.25837	.53288

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00509	.00017	35.550	.00041	.00525	.18411	.00076	.00515
Stddev	.00044	.00002	1.333	.00032	.00001	.02149	.00009	.00061
%RSD	8.6785	9.0388	2.0343	78.015	.14726	11.674	12.040	11.856

#1	.00478	-.00018	64.607	-.00018	.00525	.16891	.00083	.00558
#2	.00540	-.00016	66.493	-.00064	.00524	.19931	.00070	.00471

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05569	.16813	.00019	.00024	.00327	.0007	.01292	.16966
Stddev	.00220	.00483	.00005	.00068	.00042	.0012	.00036	.34916
%RSD	3.9545	2.8754	24.436	282.07	12.727	160.8	2.8092	205.80

#1	.05725	.16471	.00023	.00072	.00298	-.0016	.01266	.41656
#2	.05414	.17154	.00016	-.00024	.00357	.0001	.01318	-.07723

Sample Name: J3831-04LX5 Acquired: 7/30/2018 19:10:24 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0708
 Stddev .3571
 %RSD 17.244

#1 2.3233
 #2 1.8183

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.9	53255.	5406.4	95.319	2811.8
Stddev	1.5	264.	8.4	.702	.8
%RSD	.08209	.49512	.15548	.73631	.02771

#1	1825.0	53068.	5412.4	95.815	2811.2
#2	1822.9	53441.	5400.5	94.823	2812.3

Sample Name: J3831-04MS Acquired: 7/30/2018 19:14:30 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: SU-03-072718 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	.97841	2.3264	1.1606	2.4612	.96136	2.4793	.34882	.23919	.23731
Stddev	.00844	.0047	.0043	.0155	.00275	.0280	.00532	.00125	.00065
%RSD	.86278	.20243	.37132	.63043	.28627	1.1303	1.5242	.52372	.27261

#1	.98438	2.3231	1.1576	2.4721	.96331	2.4595	.34506	.23830	.23685
#2	.97244	2.3297	1.1637	2.4502	.95942	2.4991	.35258	.24007	.23777

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.737	.48353	.25290	.33844	3.7395	1.4830	5.1160	.60917	.08795
Stddev	.261	.00024	.00008	.00166	.0636	.0019	.1544	.00123	.00043
%RSD	1.5620	.04971	.03269	.48914	1.7019	.12997	3.0186	.20144	.49040

#1	16.552	.48370	.25284	.33961	3.7845	1.4816	5.0068	.60830	.08825
#2	16.921	.48336	.25295	.33727	3.6945	1.4843	5.2252	.61004	.08764

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	323.14	.37117	.26006	13.907	.49994	.37022	.16113	1.8260	.82843
Stddev	6.12	.00322	.00622	.235	.00092	.00897	.00004	.0132	.00241
%RSD	1.8950	.86711	2.3903	1.6865	.18372	2.4222	.02571	.72076	.29138

#1	318.81	.37344	.26446	13.741	.50059	.36388	.16111	1.8353	.82673
#2	327.47	.36889	.25567	14.073	.49929	.37656	.16116	1.8167	.83014

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24786	.25766	7.543	.31191	1.7126	5.2986
Stddev	.00252	.00538	.009	.00178	.2445	.4028
%RSD	1.0179	2.0895	.1130	.56958	14.277	7.6027

#1	.24608	.25385	7.537	.31065	1.8855	5.5834
#2	.24965	.26147	7.549	.31316	1.5397	5.0137

Sample Name: J3831-04MS Acquired: 7/30/2018 19:14:30 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: SU-03-072718 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	1745.8	50629.	5291.2	90.425	2585.2
Stddev	.1	179.	11.8	2.047	4.0
%RSD	.00724	.35340	.22378	2.2638	.15519
#1	1745.7	50502.	5282.8	88.977	2588.0
#2	1745.8	50755.	5299.5	91.872	2582.3

Sample Name: J3831-04MSD Acquired: 7/30/2018 19:18:29 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: SU-03-072718 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	.97858	2.3292	1.1632	2.4449	.95991	2.4726	.34683	.23945	.23727
Stddev	.00073	.0011	.0020	.0038	.00081	.0172	.00138	.00066	.00024
%RSD	.07443	.04566	.16828	.15379	.08427	.69707	.39819	.27597	.10278

#1	.97910	2.3300	1.1646	2.4422	.95934	2.4848	.34585	.23899	.23745
#2	.97807	2.3285	1.1618	2.4475	.96048	2.4604	.34780	.23992	.23710

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.708	.48473	.25289	.33799	3.6983	1.4884	5.1604	.60950	.08856
Stddev	.234	.00113	.00041	.00025	.0092	.0017	.0492	.00200	.00009
%RSD	1.4027	.23403	.16294	.07308	.24957	.11237	.95411	.32812	.09602

#1	16.542	.48392	.25260	.33816	3.7048	1.4872	5.1256	.61091	.08850
#2	16.874	.48553	.25319	.33781	3.6918	1.4896	5.1952	.60808	.08862

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	325.29	.37125	.25536	13.897	.50016	.36788	.16041	1.8358	.82803
Stddev	10.18	.00348	.00371	.174	.00040	.00047	.00057	.0124	.00120
%RSD	3.1300	.93721	1.4538	1.2555	.07914	.12879	.35425	.67551	.14488

#1	318.09	.37371	.25799	13.773	.50044	.36822	.16001	1.8270	.82718
#2	332.49	.36879	.25274	14.020	.49988	.36755	.16081	1.8446	.82887

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24866	.25813	7.553	.31433	1.9486	4.8620
Stddev	.00442	.00313	.007	.00394	.2146	.1115
%RSD	1.7789	1.2136	.0955	1.2541	11.015	2.2939

#1	.24553	.25592	7.558	.31154	1.7969	4.9409
#2	.25178	.26035	7.548	.31712	2.1004	4.7831

Sample Name: J3831-04MSD Acquired: 7/30/2018 19:18:29 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: SU-03-072718 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	1740.8	50430.	5284.7	91.800	2575.4
Stddev	5.2	194.	39.0	1.536	15.5
%RSD	.29662	.38504	.73789	1.6731	.60138
#1	1737.1	50292.	5312.3	90.714	2564.4
#2	1744.4	50567.	5257.1	92.886	2586.3

Sample Name: J3831-04A Acquired: 7/30/2018 19:22:29 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICSA7299 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	.97921	2.3262	1.1649	2.4470	.96408	2.4443	.34598	.23892	.23762
Stddev	.00252	.0009	.0077	.0070	.00807	.0209	.00310	.00015	.00011
%RSD	.25782	.03941	.66015	.28429	.83757	.85609	.89658	.06399	.04656
#1	.97742	2.3268	1.1595	2.4421	.95837	2.4295	.34378	.23881	.23754
#2	.98099	2.3255	1.1703	2.4519	.96979	2.4591	.34817	.23903	.23770
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.614	.48251	.25318	.33815	3.6024	1.4818	5.0854	.61163	.08711
Stddev	.249	.00346	.00051	.00029	.1159	.0060	.0485	.00028	.00038
%RSD	1.4972	.71727	.19986	.08721	3.2175	.40476	.95278	.04558	.43062
#1	16.439	.48006	.25282	.33836	3.5204	1.4775	5.0512	.61143	.08737
#2	16.790	.48496	.25354	.33794	3.6843	1.4860	5.1197	.61183	.08684
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	328.33	.36969	.25296	13.840	.50097	.37004	.16491	1.8418	.82976
Stddev	9.09	.00141	.00595	.115	.00003	.00228	.00386	.0075	.00606
%RSD	2.7676	.38005	2.3502	.83073	.00500	.61650	2.3391	.40577	.72977
#1	321.91	.36870	.24876	13.759	.50095	.36843	.16219	1.8365	.82547
#2	334.76	.37069	.25717	13.922	.50099	.37166	.16764	1.8471	.83404
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.24469	.25662	7.560	.31385	1.7018	5.2460			
Stddev	.00072	.00181	.014	.00420	.0906	.4255			
%RSD	.29371	.70703	.1804	1.3389	5.3267	8.1110			
#1	.24418	.25534	7.550	.31088	1.6377	5.5468			
#2	.24519	.25790	7.569	.31682	1.7659	4.9451			

Sample Name: J3831-04A Acquired: 7/30/2018 19:22:29 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICSA7299 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	1738.6	50662.	5231.8	92.722	2574.4
Stddev	4.2	55.	10.7	1.722	6.8
%RSD	.23975	.10817	.20486	1.8573	.26348
#1	1735.6	50701.	5239.4	93.940	2569.6
#2	1741.5	50624.	5224.2	91.504	2579.2

Sample Name: CCV08 Acquired: 7/30/2018 19:26:29 Type: Unk

Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000

User: JASWAL/BINHE 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	5.0097	4.9737	4.8808	4.9913	4.9406	3.6132	10.102	.24218
Stddev	.0072	.0190	.0202	.0099	.0054	.0644	.082	.00023
%RSD	.14302	.38278	.41282	.19768	.10904	.67042	.81339	.09416

#1	5.0047	4.9602	4.8666	4.9843	4.9368	9.5677	10.044	.24202
#2	5.0148	4.9871	4.8951	4.9983	4.9444	9.6588	10.160	.24234

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4132	25.042	.97497	2.4355	1.2160	4.8482	2.4313	24.722
Stddev	.0100	.324	.00047	.0101	.0012	.1452	.0005	.152
%RSD	.41555	1.2936	.04842	.41622	.09596	2.9957	.02090	.61356

#1	2.4061	24.813	.97463	2.4283	1.2151	4.7455	2.4309	24.615
#2	2.4203	25.271	.97530	2.4427	1.2168	4.9509	2.4316	24.830

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4530	1.2312	24.833	2.4426	2.3794	24.858	5.0178	5.0076
Stddev	.0076	.0000	.261	.0004	.0581	.224	.0139	.0134
%RSD	.30959	.00014	1.0516	.01440	2.4401	.90204	.27643	.26735

#1	2.4476	1.2312	24.649	2.4429	2.3383	24.699	5.0080	4.9981
#2	2.4583	1.2312	25.018	2.4424	2.4204	25.016	5.0276	5.0170

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8968	4.9385	4.9148	4.9955	4.9022	5.093	4.9783	F1.9847
Stddev	.0221	.0185	.0255	.0352	.0375	.025	.1501	.1548
%RSD	.45223	.37483	.51832	.70429	.76533	.4913	3.0157	7.7983

#1	4.8811	4.9254	4.8968	4.9706	4.8757	5.075	4.8722	1.8752
#2	4.9125	4.9516	4.9328	5.0204	4.9287	5.111	5.0845	2.0941

Sample Name: CCV08 Acquired: 7/30/2018 19:26:29 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F2.4635
 Stddev .5780
 %RSD 23.465

#1 2.8723
 #2 2.0548

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1791.3	52308.	5353.0	33.844	2680.8
Stddev	1.9	159.	8.7	1.935	2.2
%RSD	.10862	.30341	.16231	2.0624	.08276

#1	1789.9	52196.	5359.2	95.212	2682.4
#2	1792.6	52420.	5346.9	92.475	2679.2

Sample Name: LLCCV02 Acquired: 7/30/2018 19:30:20 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.01963	.04511	.01284	.02499	.04794	.10166	.10615	.00632
Stddev	.00144	.00362	.00028	.00046	.00124	.00214	.00263	.00019
%RSD	7.3126	8.0242	2.1763	1.8498	2.5951	2.1013	2.4737	3.0814

#1	.02064	.04767	.01265	.02467	.04882	.10015	.10429	.00618
#2	.01861	.04255	.01304	.02532	.04706	.10317	.10801	.00646

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00623	2.1131	.00986	.03025	.01940	.10268	.02177	2.0901
Stddev	.00001	.0493	.00015	.00031	.00010	.00502	.00022	.0333
%RSD	.13982	2.3343	1.4863	1.0327	.53311	4.8924	.98999	1.5931

#1	.00624	2.0782	.00975	.03003	.01947	.09913	.02161	2.0665
#2	.00622	2.1480	.00996	.03047	.01932	.10623	.02192	2.1136

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04065	.01066	1.9470	.04149	.04108	2.0966	.20753	.09987
Stddev	.00051	.00010	.0743	.00010	.00116	.0137	.00020	.00382
%RSD	1.2496	.93768	3.8160	.23390	2.8244	.65109	.09859	3.8282

#1	.04101	.01073	1.8945	.04156	.04026	2.1062	.20739	.09717
#2	.04029	.01059	1.9995	.04142	.04190	2.0869	.20768	.10258

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00890	.37918	.03850	.04045	.02394	.0208	.02232	<.00000
Stddev	.00367	.00194	.00062	.00181	.00130	.0047	.00049	.46233
%RSD	41.276	.51235	1.6041	4.4664	5.4333	22.78	2.1842	97.730

#1	.01150	.37781	.03893	.03918	.02302	.0175	.02197	-.14615
#2	.00630	.38056	.03806	.04173	.02486	.0242	.02266	-.79999

Sample Name: LLCCV02 Acquired: 7/30/2018 19:30:20 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1071
Stddev 1.0001
%RSD 90.340

#1 1.8142
#2 .39987

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1853.4	54260.	5399.9	96.770	2953.1
Stddev	12.6	193.	36.0	1.597	18.2
%RSD	.67873	.35601	.66629	1.6507	.61557

#1	1844.5	54123.	5425.3	97.900	2940.3
#2	1862.3	54396.	5374.4	95.641	2966.0

Sample Name: CCB08 Acquired: 7/30/2018 19:34:25 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.00080	.00027	.00001	.00276	.00961	.00047
Stddev	.00304	.00123	.00094	.00100	.00067	.00429	.00001
%RSD	574.17	153.54	341.82	8240.0	24.120	44.665	1.1595

#1	-.00268	.00168	-.00039	-.00072	-.00229	-.01265	-.00047
#2	.00162	-.00007	.00094	.00069	-.00323	-.00658	-.00048

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00014	.00345	.00049	.00013	.00053	.00727
Stddev	.00002	.00004	.00588	.00091	.00004	.00038	.01367
%RSD	62.112	28.927	170.57	186.45	33.465	71.847	188.06

#1	.00005	.00011	.00071	-.00114	.00016	.00080	-.01694
#2	.00002	.00017	-.00761	.00016	.00010	.00026	.00240

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.02730	.00055	.00070	.25924	.00076	.00091
Stddev	.00010	.02172	.00008	.00003	.01041	.00009	.00007
%RSD	100.33	79.564	14.463	4.6035	4.0144	12.028	7.6387

#1	-.00017	-.01194	.00060	-.00068	-.26659	-.00070	-.00086
#2	-.00003	-.04266	.00049	-.00072	-.25188	-.00083	-.00096

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	.00001	.01024	.00860	.00334	.00118	.00160
Stddev	.02991	.00052	.00233	.00331	.00063	.00014	.00192
%RSD	5168.9	6570.0	22.741	38.555	18.921	11.562	119.72

#1	.02057	-.00036	-.00859	-.01094	-.00378	-.00127	.00295
#2	-.02172	.00038	-.01189	-.00625	-.00289	-.00108	.00025

Sample Name: CCB08 Acquired: 7/30/2018 19:34:25 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00088	-.0011	-.00005	F<.00000	F.17055
Stddev	.00008	.0012	.00001	.69958	.81620
%RSD	9.2630	111.2	21.348	81.552	478.57

#1	.00082	-.0019	-.00004	-.36316	.74769
#2	.00094	-.0002	-.00006	-1.3525	-.40659

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.2	55348.	5433.5	95.618	3020.2
Stddev	8.6	272.	13.8	.456	10.4
%RSD	.45818	.49161	.25471	.47732	.34311

#1	1871.2	55156.	5423.8	95.295	3012.9
#2	1883.3	55541.	5443.3	95.941	3027.6

Sample Name: J4200-01 Acquired: 7/30/2018 19:38:31 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CA-DRUM-1-WI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00474	.00354	.00141	.00684	.00019	.02222	.16397	.00003
Stddev	.00232	.00052	.00051	.00442	.00021	.00192	.00035	.00004
%RSD	48.949	14.614	35.706	64.633	109.60	8.6553	.21142	148.83

#1	-.00310	-.00391	-.00177	.00997	-.00004	.02086	.16372	-.00006
#2	-.00639	-.00318	-.00106	.00372	-.00034	.02358	.16421	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	3.2485	.00013	.00015	.00005	.36348	.01476	.17326
Stddev	.00009	.0936	.00014	.00034	.00048	.01426	.00023	.01352
%RSD	153.10	1.1347	103.14	232.35	881.73	3.9220	1.5483	7.8006

#1	.00000	8.1823	-.00004	-.00039	-.00028	.35340	.01460	.16370
#2	-.00012	8.3147	-.00023	.00009	.00039	.37356	.01493	.18282

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	.00068	317.99	.00008	3.5679	.31078	.00807	.05679
Stddev	.00041	.00015	3.99	.00079	.0358	.04233	.00026	.00548
%RSD	123.08	22.523	1.2534	1003.8	1.0033	13.620	3.2778	9.6436

#1	-.00004	-.00057	315.17	.00048	3.5426	.28085	.00826	.06066
#2	-.00063	-.00079	320.81	-.00064	3.5932	.34071	.00789	.05292

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90878	.08730	.00169	.00110	.03616	.3426	.00962	1.7678
Stddev	.00538	.00153	.00170	.00187	.00126	.0029	.00004	.1482
%RSD	.59214	1.7510	100.56	169.86	3.4849	.8555	.40212	8.3835

#1	.91258	.08838	.00049	.00242	.03527	.3405	.00959	1.8725
#2	.90497	.08622	.00290	-.00022	.03705	.3447	.00964	1.6630

Sample Name: J4200-01 Acquired: 7/30/2018 19:38:31 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CA-DRUM-1-WI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.0879
Stddev	.1417
%RSD	3.4652

#1	4.1881
#2	3.9877

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1715.0	49808.	5271.2	90.136	2589.1
Stddev	10.5	181.	31.2	.463	15.9
%RSD	.61013	.36371	.59097	.51348	.61386

#1	1707.6	49680.	5249.2	90.464	2577.9
#2	1722.4	49936.	5293.3	89.809	2600.3

Sample Name: J4200-02 Acquired: 7/30/2018 19:42:41 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CA-DRUM-1-SP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00110	.00302	.00089	.01211	.00859	.18155	.02015	.00019
Stddev	.00019	.00283	.00166	.00811	.00141	.00074	.00085	.00005
%RSD	17.567	93.734	187.27	67.013	16.400	.40692	4.1931	25.561

#1	-.00096	-.00502	-.00206	.01785	-.00759	.18207	.01956	.00016
#2	-.00123	-.00102	.00029	.00637	-.00959	.18103	.02075	.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	189.34	.00137	.00692	.00034	.00569	.15593	3.8309
Stddev	.00008	3.64	.00055	.00012	.00060	.00409	.00102	.1074
%RSD	16.548	1.9238	40.371	1.6885	176.94	71.933	.65255	1.2163

#1	.00041	186.77	.00176	.00700	-.00009	.00279	.15521	8.7550
#2	.00052	191.92	.00098	.00684	.00076	.00858	.15665	8.9069

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01035	.00056	321.94	.00212	.06689	3.2904	.00031	.04951
Stddev	.00028	.00074	13.72	.00047	.00179	.0659	.00011	.00337
%RSD	2.7169	131.74	4.2623	22.399	2.6829	2.0025	34.079	6.8014

#1	.01015	-.00004	312.24	.00178	.06816	3.2438	-.00039	.04713
#2	.01054	-.00109	331.64	.00245	.06562	3.3370	-.00024	.05189

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	131.62	3.2058	.04765	.00440	.01294	.0023	.44634	7.1510
Stddev	.73	.0365	.00189	.00068	.00087	.0003	.00651	.0202
%RSD	.55126	1.1401	3.9666	15.536	6.7343	11.82	1.4579	.28201

#1	132.13	3.1799	-.04631	-.00488	.01233	.0021	.44174	7.1367
#2	131.11	3.2316	-.04898	-.00391	.01356	.0025	.45094	7.1653

Sample Name: J4200-02 Acquired: 7/30/2018 19:42:41 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: CA-DRUM-1-SP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.9193
Stddev	.6696
%RSD	17.084

#1	3.4459
#2	4.3928

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1664.1	49237.	5288.2	31.980	2483.2
Stddev	9.9	171.	4.2	2.931	16.5
%RSD	.59635	.34830	.08026	3.1865	.66328

#1	1657.1	49115.	5291.2	89.908	2471.6
#2	1671.1	49358.	5285.2	94.053	2494.9

Sample Name: J4213-01 Acquired: 7/30/2018 19:46:51 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: SS-WIPE-DRUM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00409	.00644	.01909	.00279	.00205	.02016	.16153	.00008
Stddev	.00068	.00225	.00029	.00103	.00081	.00498	.00127	.00003
%RSD	16.544	34.957	1.5124	37.038	39.756	24.707	.78706	43.327

#1	-.00456	-.00485	.01930	.00352	-.00262	.01664	.16063	-.00005
#2	-.00361	-.00803	.01889	.00206	-.00147	.02369	.16243	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00964	.94094	.00475	.00217	.06725	1.2144	.02198	.16814
Stddev	.00000	.00992	.00099	.00015	.00043	.0125	.00021	.02155
%RSD	.04495	1.0547	20.793	7.0948	.63688	1.0293	.94560	12.816

#1	.00963	.93392	.00405	.00206	.06755	1.2232	.02184	.15291
#2	.00964	.94795	.00544	.00228	.06694	1.2055	.02213	.18338

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01888	.00044	287.96	.00042	.81034	.33395	.01108	.04654
Stddev	.00030	.00012	4.80	.00024	.01656	.02229	.00014	.00078
%RSD	1.5717	27.609	1.6677	55.762	2.0440	6.6747	1.2423	1.6794

#1	.01867	-.00053	284.56	-.00059	.82205	.31818	.01098	.04599
#2	.01909	-.00036	291.35	-.00026	.79863	.34971	.01118	.04709

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38255	.09061	.00106	.00156	.00650	.2453	.00373	1.2099
Stddev	.00121	.00302	.00026	.00105	.00003	.0011	.00010	.3191
%RSD	.31673	3.3331	24.623	67.213	.47727	.4354	2.5689	26.375

#1	.38170	.09274	.00088	.00082	.00652	.2461	.00366	1.4355
#2	.38341	.08847	.00125	.00229	.00647	.2446	.00380	.98422

Sample Name: J4213-01 Acquired: 7/30/2018 19:46:51 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: SS-WIPE-DRUM Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.4570
 Stddev .0097
 %RSD .17765

#1 5.4639
 #2 5.4502

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1701.6	49816.	5340.1	32.523	2579.0
Stddev	4.4	97.	64.4	2.160	1.2
%RSD	.25573	.19439	1.2066	2.3344	.04669

#1	1704.7	49748.	5294.6	90.995	2579.8
#2	1698.5	49885.	5385.7	94.050	2578.1

Sample Name: J4214-01 Acquired: 7/30/2018 19:51:03 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MNR-2018-072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	.00269	.15248	.00853	.00617	.03908	.35175	.00009
Stddev	.00510	.00130	.00081	.00087	.00004	.00412	.00278	.00008
%RSD	354.09	48.253	.53339	10.200	.72323	10.549	.78938	83.465

#1	.00217	-.00361	.15306	.00915	-.00620	.03616	.34979	-.00015
#2	-.00505	-.00177	.15191	.00792	-.00614	.04199	.35372	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	151.53	.00167	.00077	.00087	.01241	.30823	.88470
Stddev	.00000	2.02	.00011	.00010	.00012	.01333	.00051	.01610
%RSD	.59308	1.3310	6.6616	12.768	13.532	107.38	.16487	1.8198

#1	-.00009	150.10	-.00175	.00070	.00079	-.02183	.30787	.87331
#2	-.00009	152.96	-.00159	.00084	.00096	-.00299	.30859	.89608

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00670	.00054	328.09	.00049	.06494	.91296	.00012	.01914
Stddev	.00022	.00050	6.39	.00071	.00077	.01899	.00040	.00240
%RSD	3.2211	92.430	1.9466	145.01	1.1791	2.0796	333.03	12.519

#1	.00655	-.00089	323.57	-.00099	.06549	.89953	.00040	.02084
#2	.00685	-.00019	332.61	.00001	.06440	.92639	-.00016	.01745

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2176	.15160	.00253	.00306	.00992	.0002	.08833	5.4668
Stddev	.0130	.00015	.00142	.00309	.00152	.0037	.00049	.4971
%RSD	1.0642	.09873	55.942	100.92	15.363	1514.	.55669	7.6868

#1	1.2084	.15171	.00153	-.00525	.00884	.0028	.08799	6.1153
#2	1.2267	.15150	.00354	-.00088	.01100	-.0023	.08868	6.8183

Sample Name: J4214-01 Acquired: 7/30/2018 19:51:03 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: MNR-2018-072 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.7483
 Stddev .5589
 %RSD 11.771

#1 4.3531
 #2 5.1435

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1659.0	48585.	5253.4	39.908	2466.2
Stddev	12.3	185.	33.4	1.646	9.2
%RSD	.74366	.37984	.63571	1.8307	.37288

#1	1650.3	48454.	5229.8	88.744	2459.7
#2	1667.7	48715.	5277.0	91.072	2472.7

Sample Name: J4217-04 Acquired: 7/30/2018 19:55:15 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: SOIL-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00616	.00485	.00123	.00666	.00351	.05881	.15148	.00014
Stddev	.00179	.00283	.00020	.00111	.00190	.00667	.00147	.00005
%RSD	29.104	58.464	16.479	16.602	54.088	11.349	.96764	34.762

#1	-.00743	-.00284	.00109	.00744	-.00485	.05409	.15044	-.00011
#2	-.00489	-.00685	.00137	.00588	-.00217	.06353	.15252	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	51.329	.00090	.00129	.00287	.00448	.86494	1.1780
Stddev	.00006	.736	.00008	.00004	.00073	.00166	.00057	.0535
%RSD	17.926	1.4329	9.4724	3.3677	25.274	37.096	.06552	4.5446

#1	.00040	50.808	-.00084	.00132	.00339	.00330	.86454	1.2159
#2	.00031	51.849	-.00096	.00126	.00236	.00565	.86534	1.1401

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00210	.00074	297.67	.00030	.02671	.27681	.00026	.00762
Stddev	.00022	.00040	7.99	.00043	.00052	.01054	.00022	.01006
%RSD	10.712	54.389	2.6827	146.12	1.9518	3.8086	86.243	132.07

#1	.00194	-.00102	292.02	-.00060	.02708	.28427	-.00042	.00050
#2	.00226	-.00045	303.31	.00001	.02634	.26936	-.00010	.01473

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12479	.34989	.00061	.00052	.00615	.0007	.07616	3.3735
Stddev	.00384	.00127	.00171	.00176	.00156	.0013	.00027	.6854
%RSD	3.0761	.36440	283.35	338.50	25.301	184.2	.35629	20.316

#1	.12751	.34898	.00182	.00073	.00505	.0017	.07597	3.8581
#2	.12208	.35079	-.00061	-.00177	.00725	-.0002	.07635	2.8888

Sample Name: J4217-04 Acquired: 7/30/2018 19:55:15 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: SOIL-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.0451
Stddev	1.7733
%RSD	35.150

#1	3.7911
#2	6.2990

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1705.7	49537.	5292.8	92.198	2547.9
Stddev	8.0	271.	23.7	1.298	14.0
%RSD	.47009	.54623	.44862	1.4073	.54970

#1	1700.0	49345.	5276.0	91.281	2538.0
#2	1711.4	49728.	5309.6	93.116	2557.8

Sample Name: J4217-08 Acquired: 7/30/2018 19:59:25 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: SOIL-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	.00347	.00241	.00304	.00542	.00389	.06821	.16041	.00002
Stddev	.00086	.00106	.00059	.00225	.00247	.00029	.00118	.00005
%RSD	24.777	44.024	19.393	41.575	63.508	.42194	.73850	278.80

#1	-.00408	-.00166	.00345	.00701	-.00214	.06801	.15957	.00005
#2	-.00287	-.00316	.00262	.00383	-.00564	.06842	.16124	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	11.184	.00028	.00008	.00657	.02150	.25548	1.1284
Stddev	.00001	.231	.00027	.00003	.00017	.00311	.00010	.0449
%RSD	1.1039	2.0613	97.306	36.709	2.6582	14.469	.03945	3.9755

#1	.00049	11.021	-.00047	-.00006	.00645	.02370	.25541	1.0967
#2	.00048	11.347	-.00009	-.00011	.00669	.01930	.25555	1.1601

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00466	.00023	297.79	.00020	.05765	.25783	.00024	.00259
Stddev	.00036	.00041	9.72	.00027	.00129	.01474	.00009	.00107
%RSD	7.6152	175.46	3.2629	136.42	2.2335	5.7182	37.256	41.215

#1	.00441	-.00052	290.92	-.00039	.05856	.24740	-.00030	.00183
#2	.00491	.00006	304.66	-.00001	.05674	.26825	-.00018	.00334

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12157	.54455	.00085	.00238	.00527	.0046	.05445	2.2285
Stddev	.00051	.00148	.00022	.00049	.00067	.0008	.00068	.2239
%RSD	.41765	.27262	25.668	20.393	12.692	18.38	1.2518	10.047

#1	.12121	.54560	.00101	.00204	.00574	.0040	.05397	2.3868
#2	.12193	.54350	.00070	.00272	.00480	.0052	.05493	2.0701

Sample Name: J4217-08 Acquired: 7/30/2018 19:59:25 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: SOIL-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.4249
Stddev	.0201
%RSD	.45379

#1	4.4391
#2	4.4107

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.7	49882.	5284.6	92.005	2592.6
Stddev	1.7	152.	33.8	2.057	1.3
%RSD	.09828	.30416	.63941	2.2358	.05104

#1	1720.5	49774.	5308.5	90.550	2591.7
#2	1722.9	49989.	5260.7	93.459	2593.5

Sample Name: J4218-04 Acquired: 7/30/2018 20:03:36 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: TP-15-S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	.00417	.01050	.00005	.00336	2.9331	.16641	.00021
Stddev	.00047	.00141	.00117	.00322	.00051	.0675	.00170	.00000
%RSD	66.774	33.789	11.114	6662.0	15.156	2.3003	1.0207	.44608

#1	-.00103	-.00516	.01133	.00233	-.00300	2.8854	.16521	.00021
#2	-.00037	-.00317	.00968	-.00223	-.00372	2.9809	.16761	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00422	13.839	.00058	.00026	.06463	.85193	.06107	1.2320
Stddev	.00009	.203	.00023	.00058	.00040	.00946	.00035	.0384
%RSD	2.0710	1.4656	39.212	223.36	.61259	1.1109	.56550	3.1141

#1	.00428	13.695	.00074	-.00015	.06435	.85863	.06082	1.2048
#2	.00416	13.982	.00042	.00067	.06491	.84524	.06131	1.2591

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00476	.00013	302.17	.00148	.17247	1.5409	.00012	.01154
Stddev	.00025	.00014	7.66	.00000	.00215	.0326	.00034	.00376
%RSD	5.2208	110.08	2.5358	.21102	1.2463	2.1167	282.04	32.565

#1	.00494	-.00023	296.75	.00148	.17399	1.5179	.00012	.00888
#2	.00459	-.00003	307.59	.00148	.17095	1.5640	-.00036	.01420

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2855	2.1081	.00219	.04343	.00749	.0387	.09360	1.8235
Stddev	.0043	.0017	.00067	.00066	.00145	.0023	.00149	.1505
%RSD	.33700	.08187	30.787	1.5198	19.356	5.841	1.5915	8.2513

#1	1.2824	2.1069	.00267	.04390	.00647	.0403	.09255	1.9299
#2	1.2885	2.1094	.00171	.04297	.00852	.0371	.09465	1.7171

Sample Name: J4218-04 Acquired: 7/30/2018 20:03:36 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: TP-15-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.0156
Stddev	.0514
%RSD	1.0243

#1	5.0519
#2	4.9793

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1736.0	50146.	5362.1	91.584	2599.2
Stddev	15.5	28.	13.6	2.028	26.8
%RSD	.89122	.05565	.25319	2.2145	1.0307

#1	1725.1	50127.	5352.5	90.150	2580.3
#2	1747.0	50166.	5371.7	93.018	2618.2

Sample Name: J4218-08 Acquired: 7/30/2018 20:07:44 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: TP-15-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00236	.00439	.00187	.00562	.00208	.03287	.21381	.00027
Stddev	.00274	.00128	.00195	.00638	.00053	.00832	.00179	.00008
%RSD	116.50	29.190	104.00	113.50	25.598	25.308	.83512	28.553

#1	-.00042	-.00348	.00325	.00111	-.00245	.02699	.21255	.00032
#2	-.00430	-.00529	.00050	.01013	-.00170	.03876	.21507	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	3.6076	.00068	.00749	.00816	.00218	.73778	.64533
Stddev	.00014	.0804	.00041	.00002	.00048	.00051	.00243	.03860
%RSD	34.098	.93369	60.080	.32165	5.8356	23.440	.33001	5.9814

#1	.00032	8.5508	-.00097	.00751	.00849	-.00182	.73606	.61804
#2	.00052	8.6644	-.00039	.00747	.00782	-.00254	.73950	.67263

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00313	.00034	323.94	.00006	.05530	1.2915	.00041	.00802
Stddev	.00059	.00034	9.63	.00002	.00164	.0256	.00021	.00263
%RSD	18.951	99.932	2.9741	31.322	2.9596	1.9819	51.227	32.813

#1	.00355	-.00010	317.12	-.00007	.05645	1.2734	.00056	.00616
#2	.00271	-.00059	330.75	-.00004	.05414	1.3096	.00026	.00988

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24732	.51274	.00321	.00085	.00521	.0071	.06692	1.0202
Stddev	.00010	.00235	.00121	.00077	.00058	.0034	.00063	.1902
%RSD	.04055	.45910	37.664	90.367	11.103	47.61	.94491	18.641

#1	.24725	.51441	.00407	.00140	.00480	.0095	.06647	.88573
#2	.24739	.51108	.00236	.00031	.00562	.0047	.06736	1.1547

Sample Name: J4218-08 Acquired: 7/30/2018 20:07:44 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: TP-15-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.5765
 Stddev .7366
 %RSD 16.096

#1 4.0556
 #2 5.0973

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.0	50296.	5373.5	93.302	2584.0
Stddev	8.1	102.	19.7	2.870	11.5
%RSD	.46965	.20350	.36648	3.0762	.44662

#1	1715.3	50224.	5387.4	91.273	2575.8
#2	1726.7	50368.	5359.6	95.332	2592.2

Sample Name: PB111597BL Acquired: 7/30/2018 20:11:55 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	.00055	.00013	.00057	.00040	.00722	.00035
Stddev	.00113	.00182	.00094	.00019	.00176	.00308	.00001
%RSD	206.35	332.54	734.71	33.163	438.49	42.691	3.0564

#1	-.00135	.00074	-.00080	.00070	.00084	.00941	.00036
#2	.00025	-.00183	.00054	.00044	-.00165	.00504	.00034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00018	.00848	.00077	.00003	.00027	.00585
Stddev	.00001	.00005	.00641	.00030	.00023	.00050	.00955
%RSD	192.06	27.462	75.659	39.304	761.98	186.43	163.29

#1	.00000	.00014	-.01301	-.00056	-.00013	.00062	-.01260
#2	.00002	.00021	-.00394	-.00099	.00019	-.00009	.00090

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.02265	.00007	.00052	.14158	.00089	.00040
Stddev	.00004	.00655	.00062	.00037	.00372	.00016	.00000
%RSD	273.56	28.917	878.45	70.376	2.6269	18.375	.75708

#1	-.00002	-.02728	-.00051	-.00026	-.14421	-.00101	-.00040
#2	.00005	-.01802	.00037	-.00078	-.13895	-.00078	-.00039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03747	.00001	.00854	.00880	.00241	.00015	.00142
Stddev	.02355	.00038	.01190	.00012	.00019	.00019	.00071
%RSD	62.840	3235.9	139.35	1.3628	7.7125	132.57	49.926

#1	.02082	.00026	-.00013	-.00871	-.00228	-.00028	-.00192
#2	.05413	-.00028	-.01695	-.00888	-.00254	-.00001	-.00092

Sample Name: PB111597BL Acquired: 7/30/2018 20:11:55 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00298	-.0025	.00002	F<.00000	F.92101
Stddev	.00106	.0017	.00004	.55173	.44039
%RSD	35.506	66.56	152.83	87.800	47.816

#1	.00372	-.0013	.00005	-.23826	1.2324
#2	.00223	-.0037	.00000	-1.0185	.60960

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1871.2	54951.	5418.2	94.316	2995.1
Stddev	3.8	215.	4.9	.710	2.8
%RSD	.20466	.39068	.09100	.75313	.09302

#1	1868.5	54799.	5421.7	94.818	2993.1
#2	1873.9	55103.	5414.7	93.814	2997.1

Sample Name: PB111597BS Acquired: 7/30/2018 20:16:02 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76112	1.9516	.93769	1.9326	.76940	1.8462	.20055
Stddev	.00358	.0015	.00421	.0041	.00304	.0303	.00251
%RSD	.47062	.07858	.44923	.21076	.39472	1.6417	1.2524
#1	.76365	1.9505	.94067	1.9355	.77155	1.8248	.19878
#2	.75859	1.9527	.93471	1.9297	.76725	1.8677	.20233
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18966	.18665	1.0067	.39408	.18941	.28067	2.8392
Stddev	.00067	.00003	.0364	.00090	.00005	.00053	.0832
%RSD	.35097	.01862	3.6159	.22769	.02587	.18760	2.9294
#1	.18919	.18662	.98098	.39472	.18938	.28104	2.7804
#2	.19013	.18667	1.0325	.39345	.18945	.28030	2.8981
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19958	1.9038	.47967	.07075	3.5305	.29206	.19342
Stddev	.00006	.0777	.00034	.00124	.0898	.00096	.00220
%RSD	.02934	4.0799	.07171	1.7486	2.5449	.33019	1.1355
#1	.19962	1.8488	.47991	.06988	3.4670	.29138	.19187
#2	.19954	1.9587	.47943	.07163	3.5940	.29275	.19497
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6509	.39231	.26875	F .01102	.83811	.63684	.18985
Stddev	.1481	.00044	.00157	.00053	.00460	.00103	.00126
%RSD	1.5341	.11324	.58367	4.8022	.54893	.16153	.66388
#1	9.5462	.39199	.26986	-.01140	.83485	.63611	.19074
#2	9.7556	.39262	.26764	-.01065	.84136	.63756	.18896

Sample Name: PB111597BS Acquired: 7/30/2018 20:16:02 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19448	5.533	.19822	F<00000	F.06614
Stddev	.00278	.019	.00358	.39220	.55826
%RSD	1.4303	.3394	1.8076	41.254	844.00

#1	.19251	5.546	.19569	-.67338	.46090
#2	.19645	5.519	.20076	-1.2280	-.32861

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1857.8	54319.	5420.1	96.667	2935.5
Stddev	14.7	198.	4.6	.434	22.1
%RSD	.78922	.36364	.08437	.44920	.75454

#1	1847.4	54179.	5423.3	96.974	2919.8
#2	1868.1	54458.	5416.9	96.360	2951.1

Sample Name: CCV09 Acquired: 7/30/2018 20:19:57 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICSAB7299 Custom ID2:
Comment:

Custom ID3:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9264	4.9203	4.8603	4.9270	4.9131	3.6151	3.9950	.24176
Stddev	.0051	.0120	.0032	.0085	.0142	.0872	.1313	.00044
%RSD	.10325	.24287	.06490	.17225	.28857	.90656	1.3139	.18070

#1	4.9228	4.9118	4.8581	4.9330	4.9231	9.5534	9.9022	.24207
#2	4.9300	4.9287	4.8626	4.9210	4.9031	9.6767	10.088	.24145

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4157	24.701	.97937	2.4312	1.2026	4.9495	2.4389	24.390
Stddev	.0040	.487	.00113	.0034	.0013	.0300	.0058	.167
%RSD	.16708	1.9715	.11578	.13821	.10727	.60627	.23935	.68507

#1	2.4129	24.357	.97857	2.4289	1.2017	4.9283	2.4430	24.272
#2	2.4186	25.046	.98017	2.4336	1.2035	4.9708	2.4347	24.508

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4323	1.2225	24.513	2.4380	2.4408	24.529	4.9850	4.9119
Stddev	.0047	.0031	.337	.0055	.0012	.363	.0057	.0604
%RSD	.19230	.25014	1.3755	.22679	.04867	1.4809	.11418	1.2305

#1	2.4290	1.2247	24.275	2.4419	2.4400	24.272	4.9810	4.8692
#2	2.4356	1.2203	24.752	2.4341	2.4417	24.785	4.9891	4.9546

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8661	4.7984	4.9050	4.9556	4.8693	5.051	4.8526	F1.5720
Stddev	.0133	.0405	.0016	.0429	.0622	.015	.1893	.4451
%RSD	.27313	.84304	.03182	.86591	1.2774	.2918	3.9009	28.312

#1	4.8755	4.7698	4.9061	4.9252	4.8253	5.061	4.7187	1.8867
#2	4.8567	4.8270	4.9039	4.9859	4.9133	5.040	4.9865	1.2573

Sample Name: CCV09 Acquired: 7/30/2018 20:19:57 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICSAB7299 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7293
Stddev	.1031
%RSD	5.9640

#1	1.8022
#2	1.6564

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1801.7	52395.	5406.7	91.686	2699.1
Stddev	4.2	441.	21.5	.195	1.5
%RSD	.23470	.84115	.39683	.21312	.05697

#1	1798.8	52083.	5421.8	91.548	2698.0
#2	1804.7	52706.	5391.5	91.824	2700.2

Sample Name: CCB09 Acquired: 7/30/2018 20:23:50 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CCV13605 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	.00069	.00014	.00232	.00105	.00171	.00040
Stddev	.00230	.00272	.00018	.00491	.00127	.00161	.00019
%RSD	101.11	395.41	128.00	211.04	121.78	94.497	49.204

#1	-.00065	.00261	-.00001	-.00114	-.00195	.00057	-.00026
#2	-.00390	-.00124	-.00027	.00579	-.00015	.00285	-.00053

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00007	.03092	.00035	.00017	.00015	.00409
Stddev	.00003	.00001	.00513	.00010	.00010	.00053	.00295
%RSD	82.849	19.124	16.578	29.178	60.835	362.07	72.223

#1	-.00002	.00008	-.03455	-.00042	-.00010	-.00053	.00200
#2	-.00006	.00006	-.02730	-.00028	-.00024	.00023	.00618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00145	.00003	.00037	.25258	.00020	.00090
Stddev	.00007	.01389	.00009	.00009	.01312	.00009	.00013
%RSD	159.34	957.43	350.39	25.604	5.1931	44.535	14.433

#1	-.00010	.00837	-.00009	-.00030	-.24331	-.00027	-.00099
#2	.00001	-.01127	.00004	-.00043	-.26186	-.00014	-.00081

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00462	.00039	.00457	.00928	.00250	.00028	.00023
Stddev	.01304	.00006	.00065	.00118	.00048	.00024	.00075
%RSD	281.99	15.422	14.154	12.738	19.143	83.711	323.27

#1	.01384	.00044	-.00411	-.00845	-.00216	.00012	-.00076
#2	-.00460	.00035	-.00502	-.01012	-.00284	.00045	.00030

Sample Name: CCB09 Acquired: 7/30/2018 20:23:50 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: CCV13605 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00103	.0029	.00000	F<.00000	F.65983
Stddev	.00109	.0020	.00010	.17852	.04304
%RSD	106.40	68.51	3331.4	11.693	6.5225

#1	.00025	-.0043	.00007	-1.6530	.69026
#2	.00180	-.0015	-.00007	-1.4005	.62940

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1887.0	55997.	5543.4	98.555	3034.8
Stddev	2.7	299.	6.5	2.475	9.5
%RSD	.14200	.53363	.11764	2.5112	.31371

#1	1888.9	55785.	5538.8	96.805	3041.6
#2	1885.1	56208.	5548.0	100.30	3028.1

Sample Name: J4219-01 Acquired: 7/30/2018 20:27:56 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: 072618-DBRI- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00049	.00012	.00626	.00309	.02360	.03421	.00006
Stddev	.00056	.00247	.00063	.00220	.00137	.02079	.00023	.00004
%RSD	515.80	507.05	517.82	35.090	44.213	88.084	.66969	66.714

#1	-.00050	.00223	-.00033	.00782	-.00212	-.03830	.03437	.00003
#2	.00029	-.00126	.00057	.00471	-.00406	-.00890	.03404	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	120.74	.00069	.00019	.00197	.03086	.00952	354.63
Stddev	.00004	2.44	.00007	.00034	.00042	.00560	.00007	6.37
%RSD	353.34	2.0202	10.292	178.45	21.207	18.161	.69731	1.7949

#1	.00002	122.46	-.00064	-.00005	.00226	-.03482	.00948	359.13
#2	-.00004	119.01	-.00074	.00043	.00167	-.02690	.00957	350.13

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	.00078	F 2734.4	.00160	.00040	124.28	.00331	1.1483
Stddev	.00011	.00015	59.8	.00023	.00007	2.29	.00029	.0144
%RSD	6.2752	19.801	2.1854	14.149	16.735	1.8418	8.7376	1.2537

#1	.00188	-.00067	2776.7	.00176	-.00045	125.90	.00351	1.1585
#2	.00172	-.00089	2692.2	.00144	-.00036	122.66	.00310	1.1381

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	279.98	48530	.10259	.00538	.05905	.0746	2.0825	5.9305
Stddev	1.08	.00534	.00051	.00154	.00344	.0040	.0425	.5274
%RSD	.38610	1.0998	.49721	28.533	5.8231	5.342	2.0427	8.8931

#1	280.75	.48907	-.10295	-.00647	.05662	.0774	2.1126	6.3035
#2	279.22	.48153	-.10223	-.00430	.06148	.0718	2.0524	5.5576

Sample Name: J4219-01 Acquired: 7/30/2018 20:27:56 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: 072618-DBRI- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.454
Stddev	.536
%RSD	4.6765

#1	11.833
#2	11.076

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1586.1	44831.	5146.9	36.063	2122.2
Stddev	2.1	80.	98.2	1.349	6.4
%RSD	.13291	.17896	1.9081	1.5671	.30282

#1	1584.6	44774.	5077.4	85.109	2117.6
#2	1587.6	44888.	5216.3	87.017	2126.7

Sample Name: J4219-01DUP Acquired: 7/30/2018 20:32:05 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: 072618-DBRI- 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	.00350	.00110	.00764	.00606	.00688	.03391	.00007
Stddev	.00116	.00046	.00137	.00169	.00280	.00021	.00027	.00002
%RSD	68.921	13.108	124.04	22.180	46.186	3.0407	.80781	23.501

#1	.00250	.00317	.00207	.00884	-.00804	-.00673	.03411	.00009
#2	.00086	.00382	.00014	.00644	-.00408	-.00702	.03372	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	119.96	.00111	.00014	.00180	.02981	.00950	350.91
Stddev	.00000	1.55	.00086	.00019	.00015	.00143	.00018	3.77
%RSD	5.2537	1.2928	77.313	143.74	8.5297	4.7865	1.8772	1.0736

#1	-.00009	121.06	-.00171	-.00027	.00169	-.03081	.00962	353.57
#2	-.00008	118.87	-.00050	.00000	.00191	-.02880	.00937	348.25

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00288	.00029	2631.2	.00134	.00037	124.09	.00276	1.1235
Stddev	.00006	.00036	64.1	.00024	.00001	1.40	.00017	.0027
%RSD	2.2463	123.94	2.4379	17.970	3.9081	1.1245	6.2764	.24348

#1	.00283	-.00055	2676.6	.00117	-.00036	125.08	.00288	1.1254
#2	.00292	-.00004	2585.8	.00152	-.00038	123.10	.00263	1.1216

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	279.25	.48598	.10087	.00499	.06032	.0762	2.0754	5.8868
Stddev	.35	.00805	.00096	.00066	.00146	.0014	.0163	.2715
%RSD	.12532	1.6572	.94818	13.155	2.4122	1.816	.78463	4.6128

#1	279.49	.49168	-.10020	-.00546	.05929	.0752	2.0869	5.6948
#2	279.00	.48029	-.10155	-.00453	.06135	.0772	2.0639	6.0788

Sample Name: J4219-01DUP Acquired: 7/30/2018 20:32:05 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: 072618-DBRI- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.685
Stddev	.560
%RSD	4.7904

#1	11.289
#2	12.080

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1583.7	44708.	5132.3	36.489	2125.1
Stddev	1.5	68.	74.1	.616	.3
%RSD	.09497	.15192	1.4440	.71222	.01546

#1	1582.6	44660.	5079.9	86.925	2125.3
#2	1584.7	44756.	5184.7	86.054	2124.9

Sample Name: J4219-01LX5 Acquired: 7/30/2018 20:36:16 Type: Unk

Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000

User: JASWAL/BINHE Custom ID1: CCB13605 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	.00159	.00032	.00374	.00643	.00272	.00635	.00001
Stddev	.00173	.00107	.00184	.00220	.00027	.00255	.00007	.00003
%RSD	291.92	67.407	584.12	58.750	4.2687	93.480	1.0418	212.94

#1	.00063	-.00083	.00162	.00530	-.00663	-.00452	.00640	-.00001
#2	-.00181	-.00235	-.00099	.00219	-.00624	-.00092	.00631	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	24.791	.00088	.00013	.00019	.00238	.00194	38.838
Stddev	.00007	.283	.00030	.00003	.00043	.00372	.00013	.623
%RSD	47.301	1.1399	34.075	23.562	227.30	156.39	6.4650	.90468

#1	.00010	24.591	-.00067	-.00011	.00050	.00025	.00185	68.398
#2	.00021	24.991	-.00109	-.00015	-.00012	-.00502	.00203	69.278

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	.00022	522.57	.00011	.00088	22.862	.00039	22444
Stddev	.00081	.00050	13.09	.00039	.00000	.130	.00010	.00413
%RSD	213.34	222.73	2.5055	365.25	.56551	.56682	24.523	1.8383

#1	.00019	.00013	513.31	-.00038	-.00088	22.770	.00032	.22735
#2	-.00095	-.00058	531.83	.00017	-.00088	22.953	.00046	.22152

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.973	.09383	.01840	.00060	.01919	.0105	.41813	3.2320
Stddev	.121	.00078	.00031	.00072	.00176	.0017	.00205	.3330
%RSD	.24280	.82910	1.6739	119.82	9.1872	16.51	.49005	10.302

#1	49.887	.09328	-.01818	-.00009	.01794	.0093	.41668	3.4674
#2	50.058	.09438	-.01862	-.00111	.02044	.0117	.41958	2.9965

Sample Name: J4219-01LX5 Acquired: 7/30/2018 20:36:16 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: CCB13605 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.3729
Stddev	.6715
%RSD	12.497

#1	4.8981
#2	5.8477

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1724.0	49114.	5382.2	93.787	2482.3
Stddev	.1	162.	17.6	3.801	2.9
%RSD	.00452	.33042	.32752	4.0527	.11500

#1	1724.1	49000.	5369.7	91.100	2484.3
#2	1724.0	49229.	5394.6	96.475	2480.2

Sample Name: J4219-01MS Acquired: 7/30/2018 20:40:26 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: 072618-DBRI- 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	1.0336	2.2500	1.1951	2.5953	.98646	2.7381	.28306	.28489	.24583
Stddev	.0025	.0012	.0059	.0045	.00256	.0080	.00112	.00177	.00008
%RSD	.24528	.05510	.49735	.17285	.25964	.29121	.39466	.62293	.03356

#1	1.0354	2.2509	1.1993	2.5985	.98827	2.7324	.28385	.28614	.24578
#2	1.0318	2.2491	1.1909	2.5921	.98465	2.7437	.28227	.28363	.24589

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	120.17	.47015	.24571	.30841	3.4754	.24699	348.86	.60993	.10370
Stddev	1.44	.00124	.00021	.00014	.0502	.00033	4.08	.00043	.00009
%RSD	1.1985	.26338	.08355	.04465	1.4446	.13317	1.1691	.07083	.09030

#1	121.19	.47102	.24557	.30831	3.5109	.24722	351.74	.61023	.10377
#2	119.15	.46927	.24586	.30850	3.4399	.24676	345.97	.60962	.10364

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	2591.3	.36582	.23513	137.53	.45431	1.4758	275.08	1.5130	.74390
Stddev	62.1	.00086	.00711	1.49	.00055	.0029	1.19	.0185	.00068
%RSD	2.3953	.23491	3.0234	1.0811	.12021	.19550	.43211	1.2219	.09194

#1	2635.2	.36643	.24016	138.59	.45392	1.4779	274.24	1.5261	.74341
#2	2547.4	.36521	.23011	136.48	.45469	1.4738	275.92	1.4999	.74438

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23376	.33933	9.314	2.3479	6.8810	12.656
Stddev	.00521	.00135	.027	.0178	.0988	.269
%RSD	2.2276	.39929	.2866	.75825	1.4365	2.1286

#1	.23744	.34029	9.295	2.3605	6.8111	12.847
#2	.23007	.33838	9.332	2.3354	6.9509	12.466

Sample Name: J4219-01MS Acquired: 7/30/2018 20:40:26 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: 072618-DBRI- 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	1583.0	44315.	5078.5	37.903	2100.1
Stddev	7.8	128.	70.2	2.086	12.4
%RSD	.49227	.28933	1.3822	2.3728	.59260
#1	1588.5	44224.	5028.9	86.428	2108.9
#2	1577.5	44405.	5128.1	89.378	2091.3

Sample Name: J4219-01MSD Acquired: 7/30/2018 20:44:25 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: 072618-DBRI- 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	1.0345	2.2410	1.1913	2.5862	.99126	2.6402	.27989	.28302	.24467
Stddev	.0128	.0082	.0000	.0198	.00826	.0159	.00379	.00093	.00005
%RSD	1.2372	.36483	.00230	.76357	.83325	.60167	1.3547	.33000	.01962

#1	1.0254	2.2352	1.1913	2.5723	.98542	2.6290	.28257	.28235	.24464
#2	1.0435	2.2468	1.1913	2.6002	.99710	2.6514	.27721	.28368	.24471

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	119.47	.46942	.24483	.30727	3.4938	.24418	349.15	.60974	.10250
Stddev	1.62	.00113	.00037	.00299	.0846	.00002	4.97	.00196	.00043
%RSD	1.3549	.24108	.15306	.97200	2.4219	.01014	1.4249	.32192	.42360

#1	120.62	.46862	.24457	.30516	3.4339	.24416	352.67	.60835	.10281
#2	118.33	.47022	.24510	.30938	3.5536	.24419	345.63	.61113	.10220

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	2534.5	.36308	.23738	135.27	.45474	1.4584	273.96	1.4932	.73727
Stddev	61.8	.00153	.00333	1.71	.00273	.0022	.81	.0283	.00272
%RSD	2.4377	.42010	1.4018	1.2640	.60096	.14858	.29416	1.8938	.36878

#1	2578.2	.36200	.23503	136.48	.45280	1.4600	273.39	1.5132	.73535
#2	2490.8	.36416	.23973	134.07	.45667	1.4569	274.53	1.4732	.73919

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23020	.33044	9.257	2.2755	5.7458	13.228
Stddev	.00215	.00094	.056	.0259	.4119	.754
%RSD	.93438	.28575	.6098	1.1360	7.1682	5.6995

#1	.23172	.33111	9.217	2.2938	5.4546	13.762
#2	.22868	.32978	9.296	2.2572	6.0371	12.695

Sample Name: J4219-01MSD Acquired: 7/30/2018 20:44:25 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: 072618-DBRI- 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	1573.8	44647.	5047.1	36.492	2095.8
Stddev	8.7	20.	96.5	1.079	5.7
%RSD	.54986	.04447	1.9127	1.2472	.27341
#1	1579.9	44633.	4978.9	87.255	2099.8
#2	1567.7	44661.	5115.4	85.729	2091.7

Sample Name: J4219-01A Acquired: 7/30/2018 20:48:25 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	1.0382	2.2374	1.1849	2.5856	.98441	2.6514	.27872	.28127	.24263
Stddev	.0053	.0155	.0025	.0049	.00311	.0320	.00303	.00093	.00056
%RSD	.51532	.69402	.21406	.18966	.31570	1.2081	1.0873	.33202	.23227

#1	1.0345	2.2484	1.1867	2.5821	.98221	2.6287	.28086	.28061	.24303
#2	1.0420	2.2264	1.1831	2.5890	.98660	2.6740	.27658	.28194	.24223

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	119.40	.46909	.24350	.30819	3.4660	.24302	347.49	.60531	.10129
Stddev	1.05	.00069	.00111	.00097	.0270	.00127	2.10	.00141	.00071
%RSD	.88119	.14790	.45748	.31605	.78004	.52059	.60362	.23297	.69850

#1	120.15	.46860	.24429	.30750	3.4851	.24213	348.97	.60631	.10079
#2	118.66	.46958	.24272	.30888	3.4469	.24392	346.00	.60431	.10179

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	2500.8	.36175	.23817	135.99	.45313	1.4469	272.35	1.4793	.73750
Stddev	86.2	.00254	.00264	1.57	.00201	.0069	.49	.0273	.00442
%RSD	3.4462	.70263	1.1080	1.1531	.44466	.47391	.18022	1.8443	.59883

#1	2561.7	.35995	.24004	137.10	.45171	1.4518	272.00	1.4986	.74063
#2	2439.8	.36354	.23631	134.89	.45456	1.4421	272.70	1.4600	.73438

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23253	.33217	9.210	2.2852	6.0765	13.559
Stddev	.00449	.00237	.003	.0223	.0896	1.915
%RSD	1.9292	.71318	.0362	.97514	1.4741	14.124

#1	.23570	.33384	9.208	2.3009	6.0131	14.913
#2	.22936	.33049	9.213	2.2694	6.1398	12.204

Sample Name: J4219-01A Acquired: 7/30/2018 20:48:25 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1580.1	44763.	5067.5	36.665	2110.7
Stddev	8.4	339.	53.2	.357	3.8
%RSD	.53039	.75655	1.0495	.41181	.17936
#1	1586.0	45002.	5029.9	86.413	2113.3
#2	1574.2	44523.	5105.1	86.917	2108.0

Sample Name: J4219-02 Acquired: 7/30/2018 20:52:25 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: 072618-DBRI- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00360	.00052	-.00098	.00765	-.00479	-.00888	.03299	.00013
Stddev	.00528	.00067	.00080	.00312	.00053	.00444	.00011	.00000
%RSD	146.60	128.77	81.383	40.803	10.991	50.043	.33600	2.1902

#1	.00733	.00005	-.00042	.00986	-.00442	-.01202	.03307	.00013
#2	-.00013	.00100	-.00155	.00545	-.00516	-.00574	.03292	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	118.73	-.00182	-.00028	.00143	-.03591	.00613	346.91
Stddev	.00018	.80	.00127	.00003	.00087	.00149	.00004	2.99
%RSD	89.356	.67155	69.836	9.8243	60.920	4.1524	.65388	.86234

#1	-.00033	119.29	-.00092	-.00030	.00205	-.03485	.00616	349.02
#2	-.00007	118.17	-.00272	-.00026	.00081	-.03696	.00610	344.79

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	-.00038	2476.3	.00117	-.00039	122.86	.00271	1.1204
Stddev	.00105	.00033	34.4	.00023	.00007	.88	.00011	.0226
%RSD	479.58	86.293	1.3885	19.875	18.111	.71263	4.0883	2.0132

#1	-.00096	-.00062	2500.6	.00101	-.00034	123.48	.00279	1.1363
#2	.00053	-.00015	2452.0	.00134	-.00044	122.24	.00263	1.1044

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	276.75	.47100	-.10295	-.00439	.05647	.0783	2.0508	5.2281
Stddev	.23	.00132	.00012	.00009	.00065	.0055	.0162	.4228
%RSD	.08301	.28094	.11644	2.1378	1.1552	6.975	.79093	6.7891

#1	276.92	.47193	-.10286	-.00445	.05693	.0821	2.0623	5.9291
#2	276.59	.47006	-.10303	-.00432	.05601	.0744	2.0394	6.5270

Sample Name: J4219-02 Acquired: 7/30/2018 20:52:25 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: 072618-DBRI- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.176
Stddev	.675
%RSD	6.0428

#1	10.698
#2	11.653

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1567.4	44481.	5159.7	38.888	2110.5
Stddev	4.7	73.	32.8	1.150	5.5
%RSD	.30077	.16352	.63626	1.2942	.26244

#1	1570.7	44533.	5136.5	89.702	2114.4
#2	1564.1	44430.	5183.0	88.075	2106.6

Sample Name: J4219-03 Acquired: 7/30/2018 20:56:35 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: 072618-DBRI- 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	.00171	.00203	.01309	.00437	.01136	.03387	.00006
Stddev	.00512	.00310	.00123	.00155	.00023	.00895	.00001	.00009
%RSD	364.70	181.10	60.604	11.863	5.2409	78.785	.03791	159.25

#1	.00222	.00390	-.00289	.01419	-.00421	-.00503	.03386	-.00001
#2	-.00503	-.00048	-.00116	.01200	-.00453	-.01768	.03388	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	113.15	.00346	.00052	.00176	.03403	.00433	326.04
Stddev	.00003	1.06	.00113	.00022	.00008	.00041	.00016	2.47
%RSD	17.783	.93851	32.804	41.727	4.5776	1.2114	3.6528	.75646

#1	-.00017	113.90	-.00265	-.00067	.00182	-.03374	.00422	327.79
#2	-.00021	112.40	-.00426	-.00036	.00170	-.03433	.00444	324.30

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	.00055	2336.7	.00126	.00066	115.38	.00218	1.0459
Stddev	.00061	.00002	40.9	.00057	.00001	1.08	.00003	.0100
%RSD	117.06	4.2782	1.7496	44.936	.93442	.93794	1.5267	.95244

#1	-.00095	-.00053	2365.6	.00086	-.00065	116.14	.00215	1.0530
#2	-.00009	-.00056	2307.8	.00166	-.00066	114.61	.00220	1.0389

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	259.22	.46927	.09383	.00341	.05224	.0765	1.9315	5.9318
Stddev	1.67	.00571	.00011	.00002	.00012	.0010	.0136	.0015
%RSD	.64539	1.2173	.11701	.69265	.23406	1.319	.70149	.02463

#1	260.40	.47331	-.09390	-.00342	.05216	.0772	1.9411	5.9308
#2	258.04	.46523	-.09375	-.00339	.05233	.0758	1.9220	5.9329

Sample Name: J4219-03 Acquired: 7/30/2018 20:56:35 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: 072618-DBRI- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.429
Stddev	1.027
%RSD	8.9812

#1	12.155
#2	10.703

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1574.5	44710.	5188.7	38.263	2125.2
Stddev	3.7	34.	18.9	1.671	7.3
%RSD	.23776	.07571	.36377	1.8932	.34183

#1	1571.9	44734.	5175.3	87.082	2120.0
#2	1577.2	44686.	5202.0	89.445	2130.3

Sample Name: J4219-04 Acquired: 7/30/2018 21:00:45 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: 072618-DBRI- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00217	.00195	.00163	.00469	.00393	.01610	.03279	.00017
Stddev	.00015	.00477	.00349	.00034	.00137	.00125	.00008	.00006
%RSD	6.8578	244.73	214.42	7.2301	34.794	7.7755	.23061	33.068

#1	.00228	.00142	-.00409	.00445	-.00296	-.01521	.03273	.00013
#2	.00207	-.00532	.00084	.00493	-.00489	-.01698	.03284	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	122.32	.00242	.00033	.00150	.03883	.00893	360.90
Stddev	.00019	.66	.00007	.00043	.00012	.00518	.00005	.85
%RSD	176.27	.53616	3.0808	131.60	8.0931	13.344	.59948	.23509

#1	-.00025	122.78	-.00237	-.00002	.00141	-.03516	.00890	361.50
#2	.00003	121.86	-.00248	-.00064	.00158	-.04249	.00897	360.30

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	.00058	2539.9	.00117	.00040	128.05	.00286	1.1674
Stddev	.00008	.00060	79.0	.00073	.00007	.58	.00006	.0222
%RSD	17.023	102.02	3.1097	62.024	16.286	.45119	2.1546	1.9007

#1	.00055	-.00100	2595.8	.00066	-.00036	128.45	.00291	1.1831
#2	.00043	-.00016	2484.1	.00168	-.00045	127.64	.00282	1.1517

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	289.70	.47015	.10567	.00346	.05784	.0770	2.1279	3.1224
Stddev	.51	.00074	.00138	.00124	.00128	.0036	.0097	.1376
%RSD	.17724	.15787	1.3094	35.978	2.2082	4.625	.45345	2.2475

#1	290.06	.47067	-.10665	-.00434	.05874	.0745	2.1348	6.0251
#2	289.33	.46962	-.10469	-.00258	.05694	.0795	2.1211	6.2197

Sample Name: J4219-04 Acquired: 7/30/2018 21:00:45 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: 072618-DBRI- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.499
Stddev	.218
%RSD	1.8965

#1	11.345
#2	11.653

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1556.7	44094.	5159.1	36.575	2094.3
Stddev	.2	24.	38.3	2.687	1.3
%RSD	.01322	.05536	.74282	3.1035	.06370

#1	1556.8	44077.	5132.0	88.475	2093.4
#2	1556.6	44111.	5186.2	84.675	2095.3

Sample Name: J4219-05 Acquired: 7/30/2018 21:05:46 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: 072618-DBRI- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00341	.00201	.00045	.00565	.00303	.00191	.03330	.00009
Stddev	.00463	.00396	.00282	.00425	.00027	.00648	.00001	.00012
%RSD	136.01	197.10	621.38	75.141	8.7676	339.23	.02466	126.62

#1	.00013	-.00079	.00154	.00265	-.00284	.00267	.03329	.00001
#2	.00668	.00481	-.00245	.00865	-.00322	-.00650	.03330	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	120.99	.00315	.00015	.00202	.02746	.00910	356.21
Stddev	.00004	.18	.00038	.00011	.00059	.00486	.00003	.00
%RSD	21.836	.14556	12.106	75.103	29.478	17.685	.29248	.00058

#1	-.00022	121.12	-.00342	-.00007	.00160	-.03090	.00908	356.21
#2	-.00016	120.87	-.00288	-.00023	.00244	-.02403	.00912	356.20

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	.00062	2509.1	.00111	.00047	126.27	.00266	1.1596
Stddev	.00084	.00053	39.5	.00059	.00011	.28	.00012	.0267
%RSD	177.57	85.888	1.5749	53.142	23.781	.22469	4.6660	2.3049

#1	-.00106	-.00024	2537.1	.00153	-.00055	126.47	.00275	1.1407
#2	.00012	-.00100	2481.2	.00069	-.00039	126.07	.00257	1.1785

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	285.94	.47451	.10394	.00524	.05833	.0794	2.1040	3.6538
Stddev	.28	.00354	.00095	.00024	.00100	.0031	.0056	.2267
%RSD	.09875	.74522	.91522	4.5675	1.7159	3.949	.26423	3.4075

#1	285.74	.47701	-.10461	-.00541	.05762	.0772	2.1001	6.8141
#2	286.14	.47201	-.10326	-.00507	.05904	.0816	2.1079	6.4935

Sample Name: J4219-05 Acquired: 7/30/2018 21:05:46 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: 072618-DBRI- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.461
Stddev	1.781
%RSD	14.295

#1	13.720
#2	11.201

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1560.9	43959.	5128.8	34.649	2095.8
Stddev	3.3	40.	3.8	1.366	3.4
%RSD	.21321	.09109	.07323	1.6137	.16247

#1	1563.3	43987.	5131.4	83.683	2098.2
#2	1558.6	43931.	5126.1	85.615	2093.4

Sample Name: CCV10
Method: P4-ICP2(v2328)
User: JASWAL/BINHE
Comment:

Acquired: 7/30/2018 21:09:56
Mode: CONC
Custom ID1: CCV13604

Type: Unk

Corr. Factor: 1.000000

Custom ID2:

Custom ID3:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9733	4.9383	4.8662	4.9956	4.9593	3.6634	10.049	.24160
Stddev	.0082	.0117	.0026	.0232	.0137	.0690	.111	.00049
%RSD	.16473	.23601	.05356	.46436	.27603	.71363	1.1041	.20387
#1	4.9791	4.9301	4.8643	5.0120	4.9690	9.6147	9.9708	.24195
#2	4.9675	4.9465	4.8680	4.9792	4.9496	9.7122	10.128	.24125
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4145	24.580	.97200	2.4301	1.2102	4.8413	2.4268	24.073
Stddev	.0032	.398	.00326	.0019	.0068	.1530	.0040	.456
%RSD	.13422	1.6172	.33563	.07970	.56522	3.1609	.16271	1.8934
#1	2.4122	24.299	.97431	2.4288	1.2150	4.7331	2.4296	23.751
#2	2.4168	24.861	.96969	2.4315	1.2053	4.9495	2.4240	24.395
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4447	1.2231	26.017	2.4385	2.3883	25.092	5.0100	4.8894
Stddev	.0046	.0020	.189	.0021	.0404	.232	.0107	.0507
%RSD	.18651	.16100	.72609	.08508	1.6910	.92591	.21393	1.0363
#1	2.4479	1.2245	26.150	2.4399	2.3597	24.928	5.0176	4.8536
#2	2.4415	1.2217	25.883	2.4370	2.4168	25.257	5.0024	4.9252
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9657	4.8007	4.8849	4.9563	4.8778	5.074	4.9181	F1.5059
Stddev	.0174	.0129	.0118	.0659	.0507	.000	.1681	.4166
%RSD	.34934	.26901	.24244	1.3300	1.0393	.0063	3.4173	27.666
#1	4.9780	4.7916	4.8765	4.9097	4.8420	5.074	4.7993	1.8005
#2	4.9535	4.8098	4.8932	5.0029	4.9137	5.074	5.0370	1.2113

Sample Name: CCV10 Acquired: 7/30/2018 21:09:56 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CCV13604 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F2.3041
Stddev .1586
%RSD 6.8845

#1 2.1919
#2 2.4163

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.6	51589.	5340.2	91.985	2648.6
Stddev	11.0	276.	5.3	1.259	6.1
%RSD	.62595	.53524	.09963	1.3683	.22924

#1	1752.8	51394.	5344.0	92.875	2644.3
#2	1768.4	51784.	5336.5	91.095	2652.9

Sample Name: CCB10 Acquired: 7/30/2018 21:13:49 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: CCB13604 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00257	.00286	.00041	.00091	.00249	.00398	.00025
Stddev	.00091	.00095	.00038	.00424	.00070	.00774	.00057
%RSD	35.568	33.299	91.525	467.36	28.186	194.35	226.61

#1	-.00321	.00353	.00015	.00209	-.00298	-.00946	-.00065
#2	-.00192	.00218	.00068	-.00390	-.00199	.00149	.00015

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00015	.01609	.00121	.00006	.00017	.00533
Stddev	.00002	.00002	.00620	.00017	.00000	.00004	.00199
%RSD	139.24	15.992	38.510	14.210	7.3786	21.735	37.385

#1	.00000	.00016	-.02047	-.00109	.00005	.00020	-.00674
#2	.00003	.00013	-.01171	-.00134	.00006	.00015	-.00392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00638	.00054	.00032	F.96554	.00008	.00091
Stddev	.00007	.06290	.00043	.00056	.00458	.00011	.00000
%RSD	516.67	986.29	79.822	176.78	.47464	144.20	.49831

#1	.00003	-.05085	.00085	-.00071	.96878	.00000	-.00091
#2	-.00006	.03810	.00024	.00008	.96230	-.00015	-.00092

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18290	.00025	.00379	.00402	.00497	.00070	.00152
Stddev	.01891	.00031	.00610	.00268	.00049	.00015	.00082
%RSD	10.341	124.25	160.86	66.549	9.8512	20.964	54.055

#1	.19628	.00047	-.00052	-.00213	-.00531	-.00060	.00094
#2	.16953	.00003	.00810	-.00591	-.00462	-.00081	.00210

Sample Name: CCB10 Acquired: 7/30/2018 21:13:49 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: CCB13604 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00164	.0005	.00009	F<00000	F1.2493
Stddev	.00138	.0037	.00006	.46132	1.2039
%RSD	83.944	809.5	67.160	40.659	96.369

#1	.00067	.0021	-.00005	-.80841	.39797
#2	.00261	-.0030	-.00013	-1.4608	2.1006

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1862.0	55547.	5525.4	96.427	3006.8
Stddev	3.5	2.	53.8	2.816	5.6
%RSD	.18939	.00350	.97348	2.9199	.18772

#1	1864.5	55545.	5487.3	94.436	3010.8
#2	1859.5	55548.	5563.4	98.418	3002.8

Sample Name: J4219-06 Acquired: 7/30/2018 21:17:56 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: 072618-DBRI- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00183	.00027	-.00169	.00823	-.00427	-.01892	.03371	.00002
Stddev	.00032	.00321	.00110	.00800	.00044	.01483	.00082	.00003
%RSD	17.713	1180.2	64.690	97.161	10.291	78.376	2.4253	130.43

#1	.00206	-.00200	-.00092	.00258	-.00458	-.02941	.03428	.00005
#2	.00160	.00254	-.00247	.01388	-.00396	-.00844	.03313	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	111.96	-.00310	-.00039	.00202	-.02306	.00159	322.87
Stddev	.00012	2.36	.00038	.00049	.00014	.00827	.00006	6.06
%RSD	81.793	2.1037	12.401	125.50	7.1382	35.857	3.7586	1.8780

#1	-.00024	113.63	-.00337	-.00004	.00192	-.02891	.00155	327.16
#2	-.00006	110.30	-.00283	-.00074	.00212	-.01722	.00163	318.59

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	-.00050	2381.6	.00104	-.00082	113.50	.00295	1.0450
Stddev	.00084	.00002	85.5	.00020	.00010	2.51	.00003	.0125
%RSD	304.34	4.7324	3.5897	19.105	12.375	2.2118	.92969	1.1973

#1	.00087	-.00051	2442.0	.00118	-.00075	115.28	.00297	1.0538
#2	-.00032	-.00048	2321.1	.00090	-.00090	111.73	.00293	1.0361

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	256.27	.45226	-.09356	-.00543	.05196	.0727	1.8995	3.0676
Stddev	1.31	.01862	.00056	.00026	.00034	.0010	.0454	.2812
%RSD	.51271	4.1175	.59632	4.7554	.64671	1.421	2.3899	4.6351

#1	257.20	.46543	-.09316	-.00561	.05220	.0720	1.9316	5.8687
#2	255.34	.43909	-.09395	-.00524	.05172	.0734	1.8674	6.2665

Sample Name: J4219-06 Acquired: 7/30/2018 21:17:56 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: 072618-DBRI- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.118
Stddev	.969
%RSD	7.9961

#1	12.803
#2	11.433

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1585.8	45048.	5224.9	39.362	2139.0
Stddev	6.5	98.	144.6	3.569	7.2
%RSD	.40999	.21728	2.7673	3.9938	.33806

#1	1581.2	45117.	5122.6	86.838	2133.9
#2	1590.4	44979.	5327.1	91.886	2144.1

Sample Name: J4219-07 Acquired: 7/30/2018 21:22:05 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: 072618-TIPC- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00704	.00139	-.00085	.00788	-.00499	-.02483	.03316	.00000
Stddev	.00474	.00091	.00088	.00219	.00119	.02586	.00061	.0000
%RSD	67.298	65.388	102.83	27.780	23.917	104.11	1.8532	2192.2

#1	.01039	.00075	-.00023	.00943	-.00584	-.00655	.03272	-.00003
#2	.00369	.00203	-.00147	.00633	-.00415	-.04312	.03359	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	118.89	-.00258	-.00038	.00166	-.03637	.00483	348.94
Stddev	.00021	.99	.00003	.00020	.00041	.01165	.00008	3.30
%RSD	88.549	.83309	1.1415	53.641	24.559	32.033	1.6318	.94504

#1	-.00009	119.59	-.00260	-.00052	.00195	-.04461	.00489	351.28
#2	-.00039	118.19	-.00256	-.00023	.00137	-.02813	.00477	346.61

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	-.00038	2464.5	.00031	-.00075	123.49	.00282	1.1136
Stddev	.00028	.00045	81.5	.00052	.00003	1.18	.00016	.0098
%RSD	51.961	118.34	3.3086	165.96	3.5549	.95917	5.6012	.88201

#1	-.00073	-.00070	2522.1	-.00005	-.00077	124.32	.00271	1.1205
#2	-.00034	-.00006	2406.8	.00068	-.00073	122.65	.00293	1.1066

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	278.60	.45204	-.10361	-.00642	.05771	.0695	2.0535	3.2203
Stddev	.33	.00557	.00062	.00001	.00040	.0044	.0231	.2946
%RSD	.11848	1.2314	.59361	.17307	.69386	6.353	1.1241	4.7356

#1	278.37	.45597	-.10318	-.00643	.05800	.0664	2.0698	6.4286
#2	278.84	.44810	-.10405	-.00641	.05743	.0727	2.0372	6.0120

Sample Name: J4219-07 Acquired: 7/30/2018 21:22:05 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: 072618-TIPC- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.483
Stddev	.060
%RSD	.56851

#1	10.441
#2	10.525

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1561.9	44530.	5167.5	37.018	2100.4
Stddev	.2	60.	62.7	1.108	7.6
%RSD	.01497	.13533	1.2135	1.2733	.36414

#1	1562.1	44487.	5123.1	86.235	2105.8
#2	1561.8	44572.	5211.8	87.802	2095.0

Sample Name: J4219-08 Acquired: 7/30/2018 21:26:15 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: 072618-TIPC- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	.00061	-.00156	.01067	-.00402	-.01111	.03385	.00010
Stddev	.00339	.00536	.00088	.00207	.00039	.00763	.00071	.00006
%RSD	225.58	875.12	56.076	19.450	9.5882	68.641	2.0988	61.500

#1	-.00089	-.00318	-.00094	.00920	-.00374	-.01651	.03435	.00014
#2	.00390	.00440	-.00218	.01213	-.00429	-.00572	.03335	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	119.84	-.00298	-.00010	.00182	-.04704	.00424	352.03
Stddev	.00003	2.14	.00063	.00028	.00029	.01059	.00002	6.47
%RSD	12.033	1.7881	21.054	285.97	15.671	22.515	.50488	1.8387

#1	-.00031	121.36	-.00343	.00010	.00203	-.03955	.00425	356.61
#2	-.00027	118.33	-.00254	-.00030	.00162	-.05452	.00422	347.46

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	-.00021	2452.6	.00137	-.00066	124.43	.00257	1.1385
Stddev	.00066	.00004	100.1	.00015	.00013	2.21	.00015	.0153
%RSD	92.478	20.273	4.0801	11.237	20.010	1.7786	5.9747	1.3402

#1	.00118	-.00018	2523.3	.00147	-.00057	125.99	.00246	1.1492
#2	.00025	-.00024	2381.8	.00126	-.00076	122.86	.00268	1.1277

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	281.46	.45763	-.10346	-.00283	.05654	.0701	2.0766	3.2664
Stddev	.81	.01217	.00044	.00096	.00084	.0031	.0323	.0740
%RSD	.28849	2.6588	.42828	34.084	1.4836	4.447	1.5571	1.1812

#1	280.88	.46624	-.10378	-.00351	.05713	.0679	2.0994	6.3187
#2	282.03	.44903	-.10315	-.00215	.05594	.0723	2.0537	6.2140

Sample Name: J4219-08 Acquired: 7/30/2018 21:26:15 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: 072618-TIPC- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.184
Stddev	.352
%RSD	2.8883

#1	12.433
#2	11.935

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1558.1	44267.	5143.9	36.673	2097.0
Stddev	6.3	33.	87.8	2.353	6.2
%RSD	.40516	.07450	1.7067	2.7143	.29742

#1	1562.5	44290.	5081.8	85.010	2101.4
#2	1553.6	44243.	5205.9	88.337	2092.6

Sample Name: J4219-09 Acquired: 7/30/2018 21:30:26 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: 072618-TIPC- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00447	.00172	-.00066	.00362	-.00545	-.01099	.03309	.00014
Stddev	.00026	.00074	.00030	.00179	.00093	.00270	.00052	.00001
%RSD	5.9130	43.127	45.821	49.527	17.030	24.565	1.5702	9.9616

#1	.00466	.00224	-.00044	.00488	-.00479	-.00908	.03272	.00015
#2	.00428	.00120	-.00087	.00235	-.00611	-.01290	.03345	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	120.06	-.00298	-.00048	.00193	-.02818	.00668	351.84
Stddev	.00002	.19	.00074	.00019	.00032	.00391	.00004	.34
%RSD	15.848	.15650	24.785	40.541	16.554	13.893	.57901	.09525

#1	-.00014	119.93	-.00246	-.00034	.00216	-.03095	.00666	352.08
#2	-.00017	120.20	-.00351	-.00062	.00170	-.02541	.00671	351.60

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	-.00087	2425.8	.00078	-.00071	124.84	.00214	1.1600
Stddev	.00026	.00014	62.7	.00021	.00002	.15	.00036	.0024
%RSD	62.355	16.480	2.5866	26.482	3.1708	.12230	16.848	.20371

#1	.00023	-.00076	2470.2	.00093	-.00073	124.73	.00239	1.1584
#2	.00061	-.00097	2381.5	.00063	-.00070	124.95	.00188	1.1617

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	284.24	.48033	-.10397	-.00439	.05742	.0821	2.0924	3.3842
Stddev	.57	.00350	.00004	.00090	.00038	.0032	.0044	.2452
%RSD	.20123	.72837	.03499	20.465	.66492	3.894	.21242	3.8414

#1	283.84	.48280	-.10394	-.00503	.05769	.0843	2.0893	6.5576
#2	284.65	.47785	-.10399	-.00376	.05715	.0798	2.0955	6.2108

Sample Name: J4219-09 Acquired: 7/30/2018 21:30:26 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: 072618-TIPC- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.555
Stddev	1.139
%RSD	9.8552

#1	12.360
#2	10.749

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1546.7	43962.	5164.4	37.597	2080.7
Stddev	.3	334.	18.6	1.815	3.3
%RSD	.01657	.76055	.35960	2.0722	.15942

#1	1546.5	44198.	5151.3	88.881	2078.3
#2	1546.8	43725.	5177.6	86.314	2083.0

Sample Name: J4219-10 Acquired: 7/30/2018 21:34:36 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: 072618-TIPC- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00338	.00207	-.00220	.00379	-.00542	-.00203	.03335	.00000
Stddev	.00066	.00251	.00037	.00227	.00067	.01033	.00062	.0000
%RSD	19.571	121.59	16.821	59.971	12.380	509.12	1.8634	276.86

#1	.00385	.00384	-.00194	.00218	-.00590	.00527	.03379	.00000
#2	.00291	.00029	-.00246	.00539	-.00495	-.00933	.03291	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	119.68	-.00214	-.00038	.00182	-.03660	.00822	350.14
Stddev	.00005	1.08	.00000	.00005	.00033	.00372	.00010	2.06
%RSD	22.881	.90609	.08758	13.479	17.947	10.162	1.1937	.58932

#1	-.00026	120.45	-.00214	-.00042	.00159	-.03923	.00829	351.60
#2	-.00019	118.91	-.00214	-.00035	.00205	-.03397	.00815	348.68

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00068	-.00060	2419.4	.00063	.00023	124.37	.00278	1.1365
Stddev	.00016	.00105	53.7	.00003	.00010	.93	.00000	.0119
%RSD	22.952	174.19	2.2196	4.1074	42.141	.74424	.11646	1.0432

#1	-.00079	.00014	2457.3	.00064	.00016	125.03	.00278	1.1449
#2	-.00057	-.00134	2381.4	.00061	.00030	123.72	.00278	1.1281

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	280.79	.48851	-.10225	-.00313	.05830	.0878	2.0890	5.3254
Stddev	.33	.00952	.00187	.00243	.00149	.0012	.0158	.4612
%RSD	.11899	1.9491	1.8273	77.591	2.5524	1.382	.75425	7.2916

#1	280.56	.49525	-.10093	-.00141	.05725	.0870	2.1002	5.9992
#2	281.03	.48178	-.10357	-.00485	.05935	.0887	2.0779	6.6515

Sample Name: J4219-10 Acquired: 7/30/2018 21:34:36 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: 072618-TIPC- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.363
Stddev	.678
%RSD	5.4812

#1	12.843
#2	11.884

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1553.1	44043.	5138.9	35.923	2089.8
Stddev	6.1	65.	71.6	.258	3.6
%RSD	.38975	.14817	1.3933	.30002	.17386

#1	1557.4	44089.	5088.3	86.105	2092.3
#2	1548.8	43996.	5189.6	85.740	2087.2

Sample Name: CCV11 Acquired: 7/30/2018 21:38:46 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	5.0250	4.9676	4.8834	5.0388	5.0217	3.6745	10.002	.24290
Stddev	.0256	.0187	.0117	.0130	.0183	.0805	.145	.00049
%RSD	.50994	.37563	.23996	.25843	.36451	.83187	1.4510	.20157

#1	5.0431	4.9544	4.8751	5.0480	5.0346	9.6176	9.8990	.24256
#2	5.0069	4.9807	4.8917	5.0296	5.0087	9.7314	10.104	.24325

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4323	24.428	.98217	2.4534	1.2248	4.8551	2.4415	24.185
Stddev	.0063	.529	.00015	.0071	.0020	.1505	.0012	.525
%RSD	.25678	2.1669	.01571	.29046	.16397	3.1001	.04732	2.1699

#1	2.4279	24.054	.98206	2.4484	1.2263	4.7487	2.4407	23.814
#2	2.4367	24.803	.98227	2.4584	1.2234	4.9615	2.4424	24.557

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4580	1.2370	26.090	2.4574	2.3859	24.782	5.0603	4.8430
Stddev	.0030	.0059	.088	.0029	.0595	.362	.0044	.0798
%RSD	.12032	.47734	.33788	.11948	2.4955	1.4614	.08747	1.6476

#1	2.4601	1.2328	26.152	2.4553	2.3438	24.526	5.0634	4.7866
#2	2.4560	1.2412	26.028	2.4595	2.4280	25.038	5.0572	4.8995

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9877	4.6690	4.9345	4.9956	4.8510	5.119	4.8501	F1.1162
Stddev	.0047	.0455	.0116	.0724	.0773	.002	.1893	.4086
%RSD	.09476	.97399	.23542	1.4486	1.5937	.0459	3.9041	36.607

#1	4.9844	4.6368	4.9263	4.9444	4.7964	5.117	4.7162	1.4051
#2	4.9910	4.7012	4.9427	5.0468	4.9057	5.121	4.9840	.82725

Sample Name: CCV11 Acquired: 7/30/2018 21:38:46 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.9176
Stddev	.3033
%RSD	15.818

#1	1.7032
#2	2.1321

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1752.0	51820.	5442.0	32.651	2641.5
Stddev	9.2	177.	23.9	1.919	4.9
%RSD	.52578	.34070	.43946	2.0709	.18493

#1	1745.5	51695.	5458.9	94.008	2638.1
#2	1758.5	51945.	5425.1	91.294	2645.0

Sample Name: CCB11 Acquired: 7/30/2018 21:42:40 Type: Unk
Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00119	.00301	.00005	.00039	.00332	.00880	.00005
Stddev	.00041	.00046	.00087	.00264	.00140	.00020	.00034
%RSD	34.512	15.220	1683.8	671.08	42.367	2.2968	676.98

#1	-.00090	.00333	-.00066	.00226	-.00431	-.00894	-.00029
#2	-.00148	.00269	.00056	-.00147	-.00232	-.00865	.00019

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00010	.00251	.00086	.00005	.00002	.00369
Stddev	.00005	.00002	.00841	.00021	.00019	.00024	.00448
%RSD	325.16	21.535	335.37	24.729	395.60	1030.4	121.53

#1	-.00002	.00008	.00344	-.00101	-.00008	.00019	.00685
#2	.00005	.00011	-.00845	-.00071	.00018	-.00015	.00052

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.02450	.00015	.00029	F 1.1022	.00008	.00090
Stddev	.00003	.02414	.00024	.00010	.0006	.00021	.00007
%RSD	385.51	98.548	156.12	32.855	.05367	272.09	7.4171

#1	.00001	-.04157	.00032	-.00022	1.1017	.00007	-.00094
#2	-.00003	-.00743	-.00002	-.00036	1.1026	-.00022	-.00085

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18535	.00009	.00765	.00287	.00446	.00151	.00190
Stddev	.02689	.00001	.00339	.00118	.00025	.00134	.00129
%RSD	14.509	16.050	44.361	41.131	5.6425	88.635	67.943

#1	.16634	.00010	.01005	-.00204	-.00464	-.00056	.00099
#2	.20437	.00008	.00525	-.00370	-.00428	-.00246	.00281

Sample Name: CCB11 Acquired: 7/30/2018 21:42:40 Type: Unk
 Method: P4-ICP2(v2328) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00104	-.0008	.00007	F<.00000	F1.6551
Stddev	.00034	.0010	.00005	.58208	.2381
%RSD	32.410	124.3	73.163	34.159	14.387

#1	.00080	-.0014	.00011	-1.2924	1.4867
#2	.00128	-.0001	.00003	-2.1156	1.8235

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1862.0	55725.	5560.7	97.489	3011.2
Stddev	8.2	278.	50.8	.865	8.9
%RSD	.43851	.49837	.91394	.88687	.29675

#1	1856.3	55528.	5596.7	98.100	3004.9
#2	1867.8	55921.	5524.8	96.877	3017.5