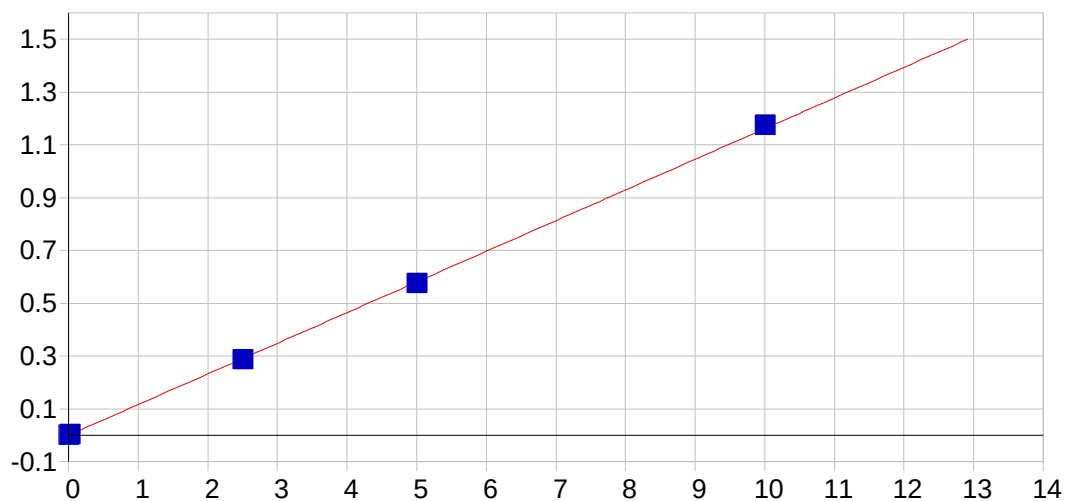


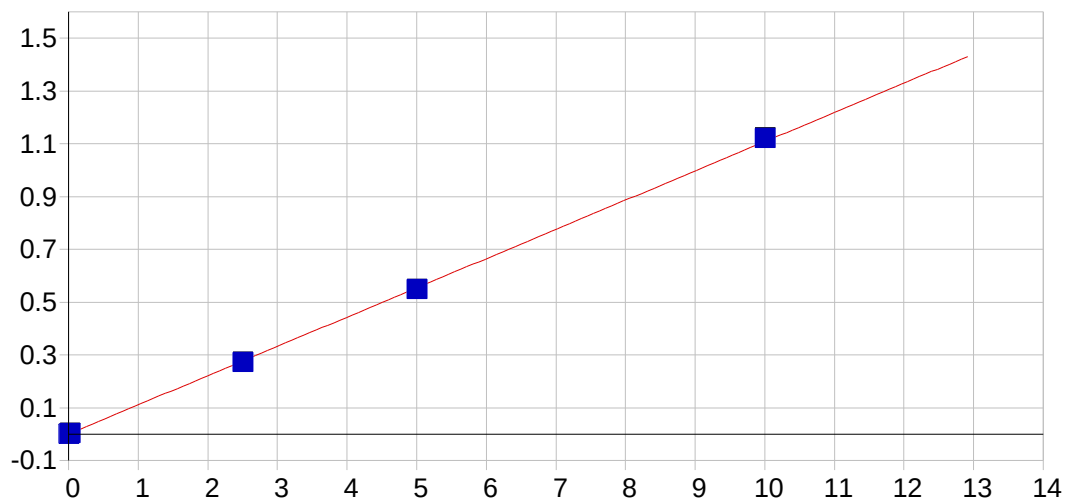


As 189.042 {478}

Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000277 Re-Slope: 1.000000
 A1 (Gain): 0.116172 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.002755
 Predicted MQL: 0.009184

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.02000	.01968	-.000	-1.60	.00201	.000	1
S3	2.5000	2.4528	-.047	-1.89	.28465	.001	1
S4	5.0000	4.9373	-.063	-1.25	.57326	.001	1
S5	10.000	10.110	.110	1.10	1.1742	.000	1



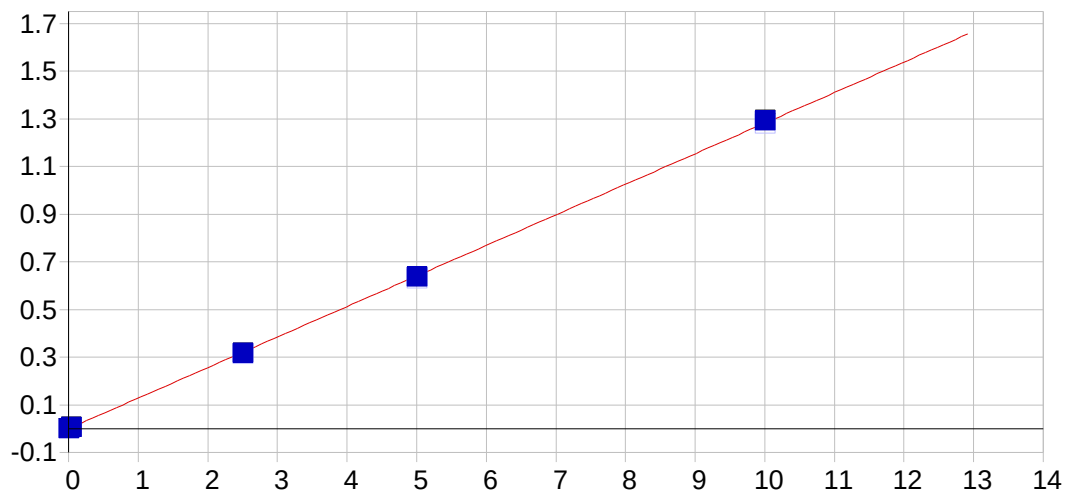
As 189.042 {479}

Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000186 Re-Slope: 1.000000

A1 (Gain): 0.110828 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.002127
 Predicted MQL: 0.007090

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.02000	.02041	.000	2.04	.00208	.000	1
S3	2.5000	2.4521	-.048	-1.92	.27158	.000	1
S4	5.0000	4.9319	-.068	-1.36	.54641	.000	1
S5	10.000	10.116	.116	1.16	1.1209	.000	1

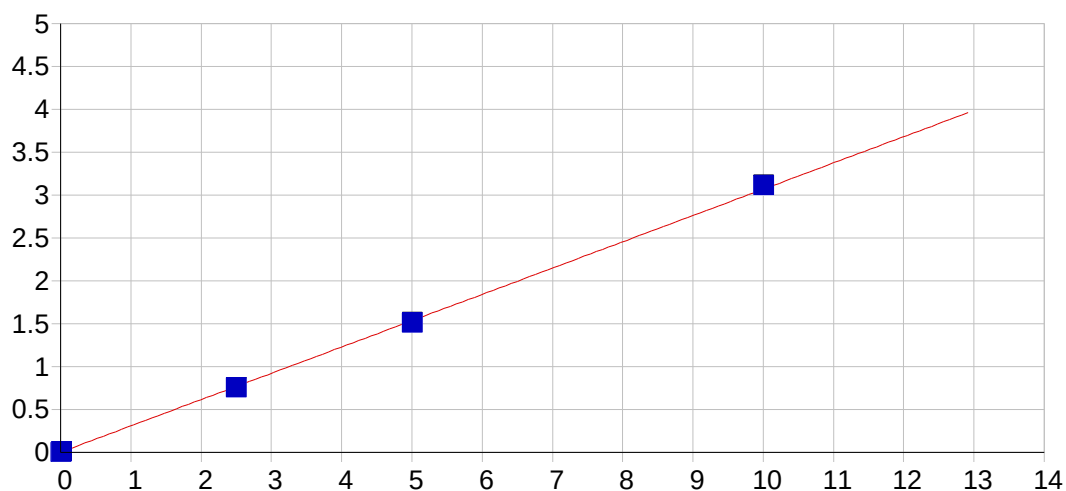


TI 190.856 {477}

Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000285 Re-Slope: 1.000000
 A1 (Gain): 0.128191 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.001495
 Predicted MQL: 0.004982

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00029	.000	1
S1	.04000	.04279	.003	6.97	.00507	.000	1
S3	2.5000	2.4598	-.040	-1.61	.31175	.001	1
S4	5.0000	4.9573	-.043	-.853	.62863	.001	1
S5	10.000	10.080	.080	.802	1.2788	.001	1

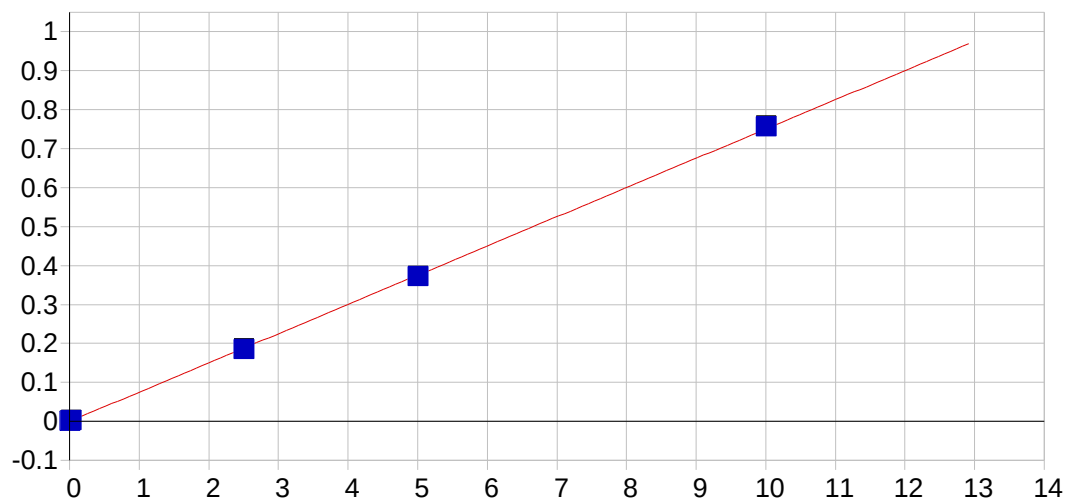


Pb 220.353 {453}

Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002620 Re-Slope: 1.000000
 A1 (Gain): 0.306581 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999861 Status: OK.
 Std Error of Est: 0.000095
 Predicted MDL: 0.001069
 Predicted MQL: 0.003564

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00262	.000	1
S1	.01200	.01246	.000	3.81	.00637	.000	1
S3	2.5000	2.4388	-.061	-2.45	.74927	.002	1
S4	5.0000	4.9188	-.081	-1.62	1.5085	.001	1
S5	10.000	10.142	.142	1.42	3.1077	.003	1



Se 196.090 {472}

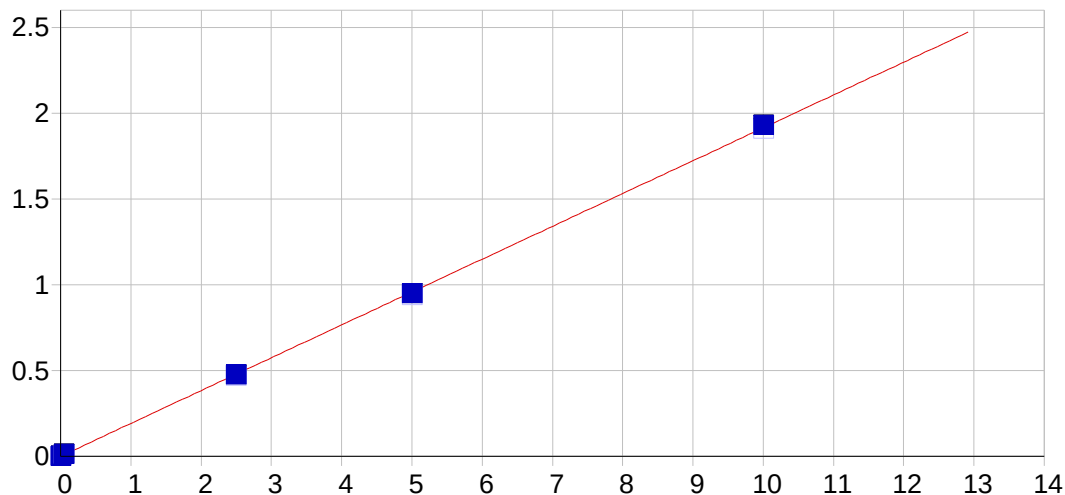
Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000082 Re-Slope: 1.000000
 A1 (Gain): 0.075050 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952
 Std Error of Est: 0.000018
 Predicted MDL: 0.003444
 Predicted MQL: 0.011480

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.02000	.01954	-.000	-2.29	.00139	.000	1
S3	2.5000	2.4665	-.034	-1.34	.18500	.001	1
S4	5.0000	4.9496	-.050	-1.01	.37134	.001	1
S5	10.000	10.084	.084	.844	.75666	.001	1



Sb 206.833 {463}

Date of Fit: 12/14/2018 16:34:21

Type of Fit: Linear

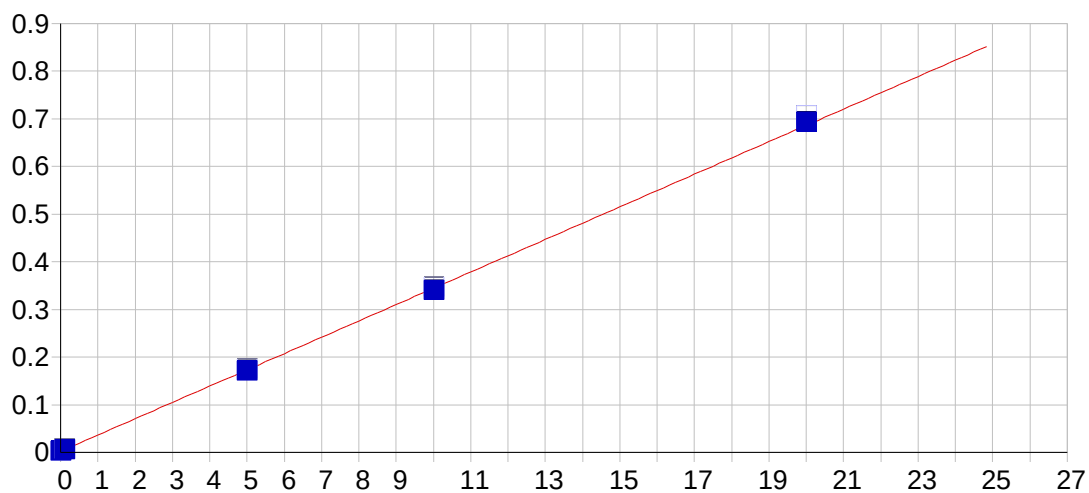
Weighting: 1/Conc

A0 (Offset): 0.000419
 A1 (Gain): 0.191403
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931
 Std Error of Est: 0.000085
 Predicted MDL: 0.001835
 Predicted MQL: 0.006117

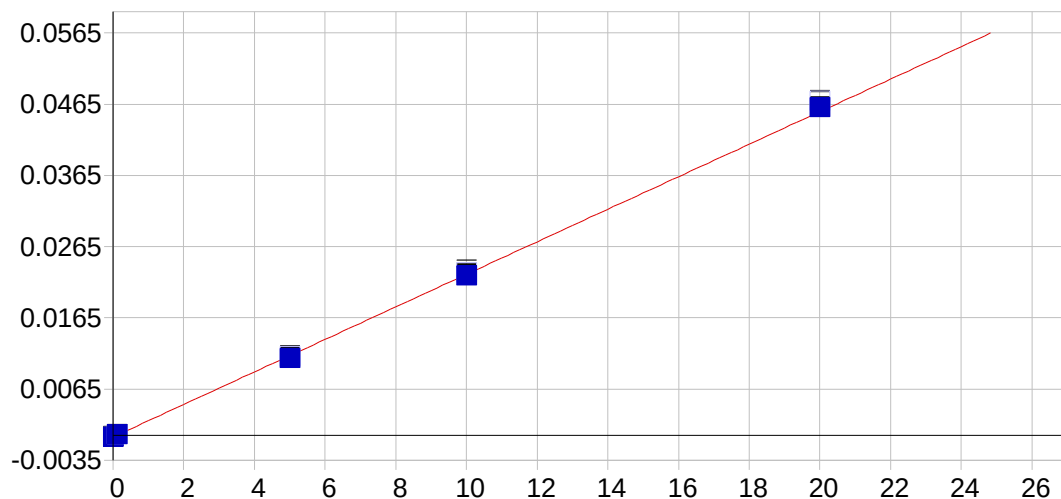
Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00042	.000	1
S1	.05000	.05653	.007	13.1	.01100	.000	1
S3	2.5000	2.4682	-.032	-1.27	.46746	.002	1
S4	5.0000	4.9491	-.051	-1.02	.93693	.000	1
S5	10.000	10.076	.076	.763	1.9075	.001	1



AI 308.215 {109}							
Date of Fit:		12/14/2018 16:34:21		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):		0.002191		Re-Slope:		1.000000	
A1 (Gain):		0.034211		Y-int:		0.000000	
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.999915		Status:	OK.		
Std Error of Est:		0.000035					
Predicted MDL:		0.002987					
Predicted MQL:		0.009958					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00219	.000	1
S1	.10000	.11159	.012	11.6	.00625	.000	1
S3	5.0000	4.9252	-.075	-1.50	.17409	.000	1
S4	10.000	9.8656	-.134	-1.34	.34652	.000	1
S5	20.000	20.197	.197	.985	.70678	.000	1

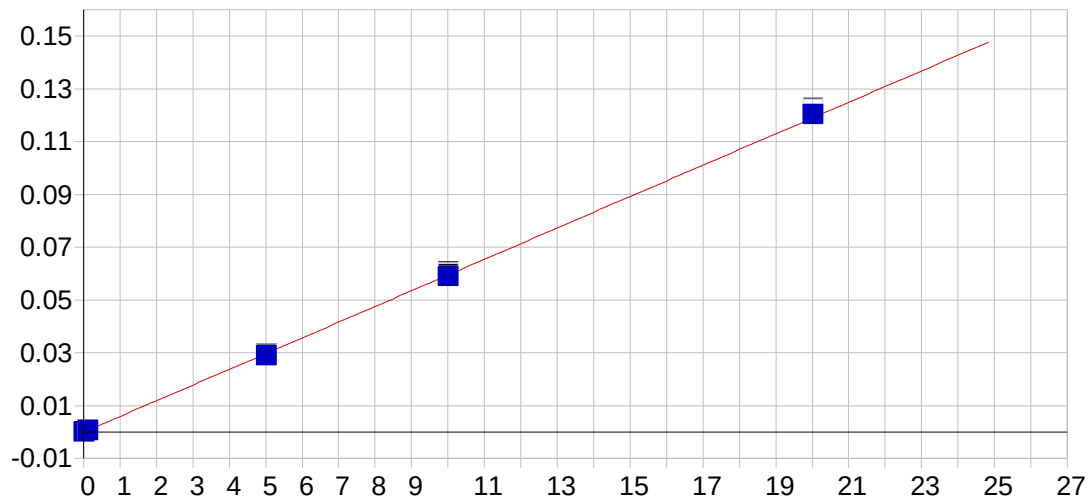


AI 309.271 {109}					
Date of Fit:	12/14/2018 16:34:21	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000221		Re-Slope:	1.000000	
A1 (Gain):	0.002284		Y-int:	0.000000	

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999803
 Std Error of Est: 0.000004
 Predicted MDL: 0.028282
 Predicted MQL: 0.094273

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00022	.000	1
S1	.10000	.12320	.023	23.2	.00008	.000	1
S3	5.0000	4.8329	-.167	-3.34	.01104	.000	1
S4	10.000	9.9128	-.087	-.872	.02287	.000	1
S5	20.000	20.230	.230	1.15	.04689	.000	1



AI 396.152 { 85}

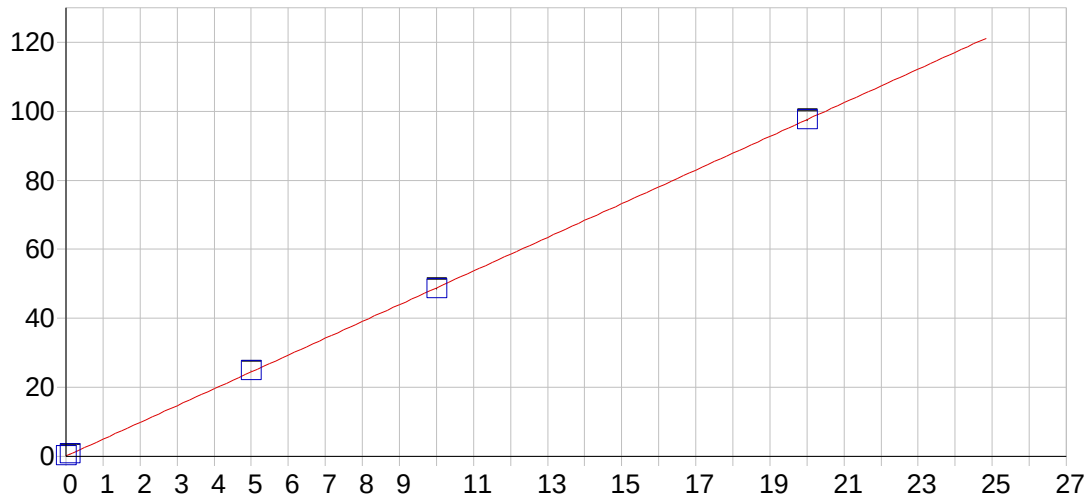
Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000098
 A1 (Gain): 0.005952
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903
 Std Error of Est: 0.000006
 Predicted MDL: 0.015802
 Predicted MQL: 0.052672

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00010	.000	1
S1	.10000	.10819	.008	8.19	.00059	.000	1
S3	5.0000	4.8715	-.129	-2.57	.02949	.000	1
S4	10.000	9.9069	-.093	-.931	.06005	.000	1
S5	20.000	20.213	.213	1.07	.12257	.000	1

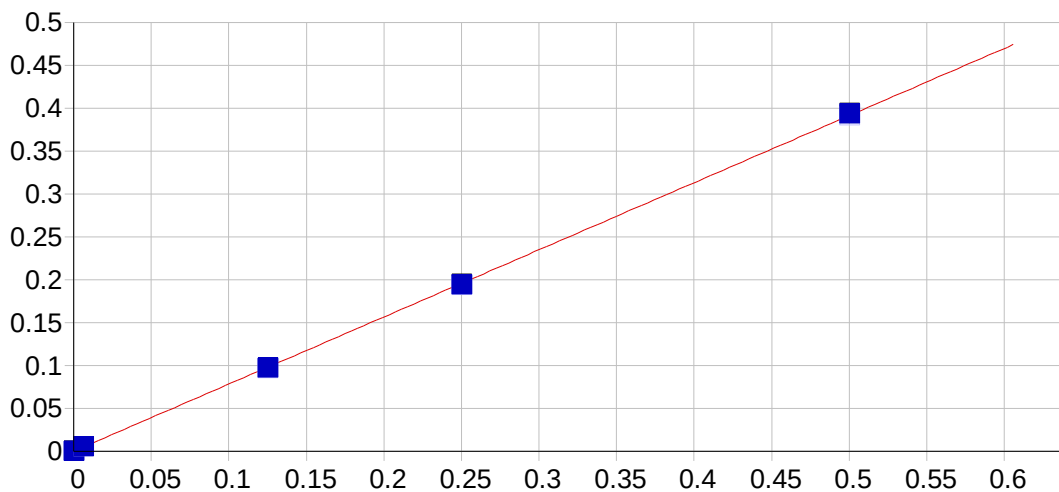


Ba 493.409 { 68}

Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.097741 Re-Slope: 1.000000
 A1 (Gain): 4.874632 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.003401
 Predicted MDL: 0.000887
 Predicted MQL: 0.002956

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.09767	.004	1
S1	.10000	.11315	.013	13.2	.64932	.006	1
S3	5.0000	5.0649	.065	1.30	24.787	.101	1
S5	20.000	19.979	-.021	-.104	97.489	.324	1
S4	10.000	9.9428	-.057	-.572	48.565	.200	1



Be 234.861 {144}

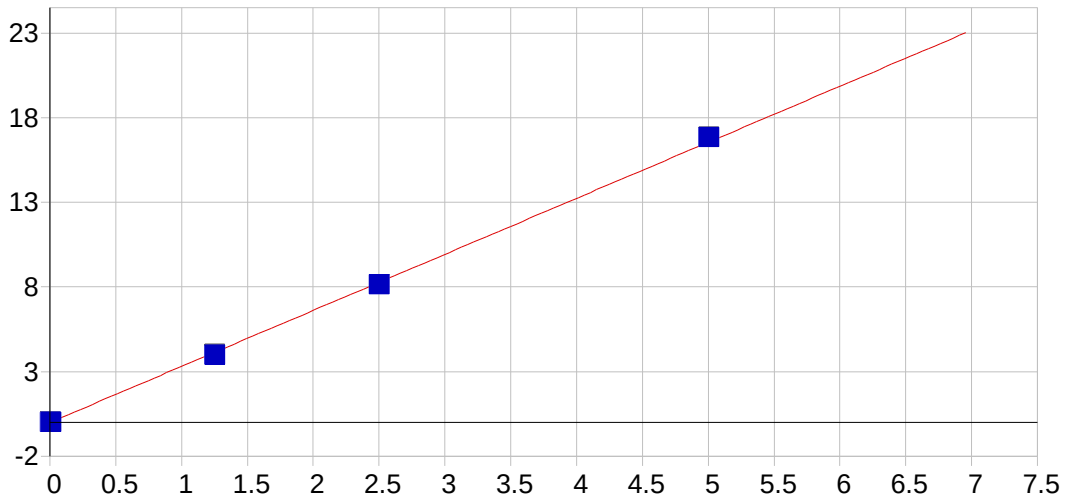
Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000100 Re-Slope: 1.000000
 A1 (Gain): 0.782766 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000020
 Predicted MDL: 0.000073
 Predicted MQL: 0.000243

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.00600	.00644	.000	7.25	.00509	.000	1
S3	.12500	.12396	-.001	-.828	.09652	.000	1
S4	.25000	.24808	-.002	-.770	.19305	.000	1
S5	.50000	.50253	.003	.505	.39100	.000	1

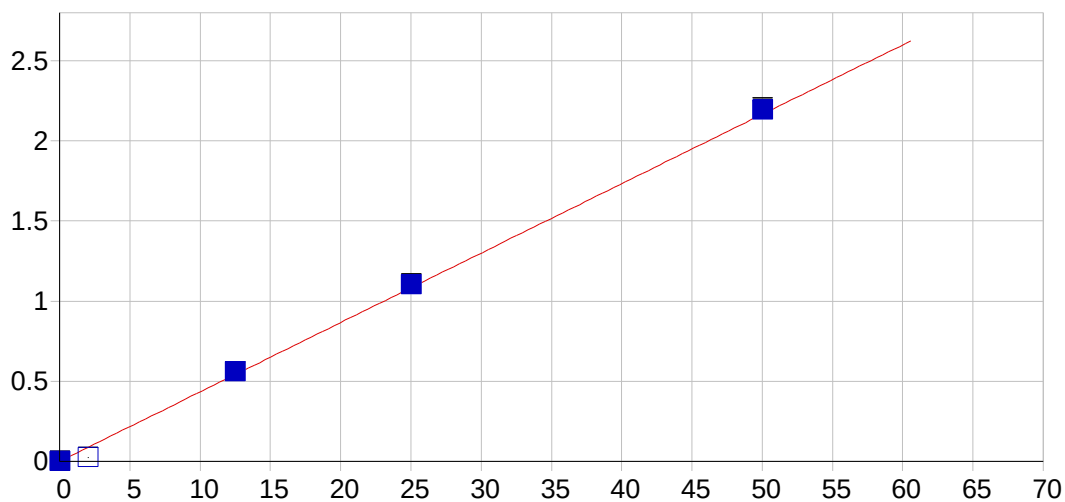


Cd 226.502 {449}

Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000878 Re-Slope: 1.000000
 A1 (Gain): 3.309676 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999780 Status: OK.
 Std Error of Est: 0.000650
 Predicted MDL: 0.000104
 Predicted MQL: 0.000346

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00088	.000	1
S1	.00600	.00596	-.000	-.704	.01888	.000	1
S3	1.2500	1.2055	-.045	-3.56	3.9898	.007	1
S4	2.5000	2.4569	-.043	-1.72	8.1327	.002	1
S5	5.0000	5.0876	.088	1.75	16.841	.001	1

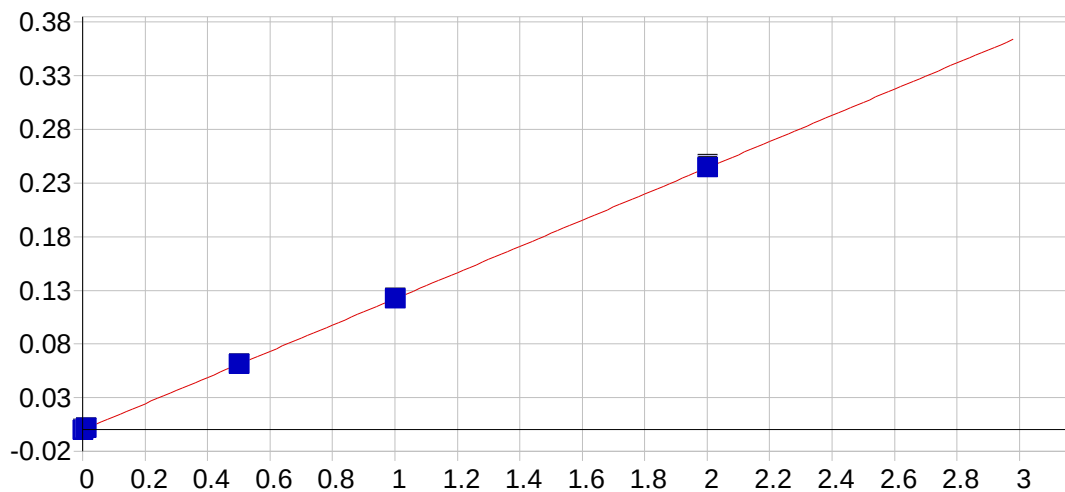


Ca 373.690 { 90}

Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000262 Re-Slope: 1.000000
 A1 (Gain): 0.043321 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.994122 Status: OK.
 Std Error of Est: 0.002576
 Predicted MDL: 0.023058
 Predicted MQL: 0.076861

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	.56159	-1.44	-71.9	.02459	.000	1
S0	.00000	.00132	.001	.000	.00032	.000	1
S3	12.500	12.869	.369	2.95	.55805	.001	1
S4	25.000	25.471	.471	1.88	1.1043	.002	1
S5	50.000	50.598	.598	1.20	2.1933	.012	1



Cr 267.716 {126}

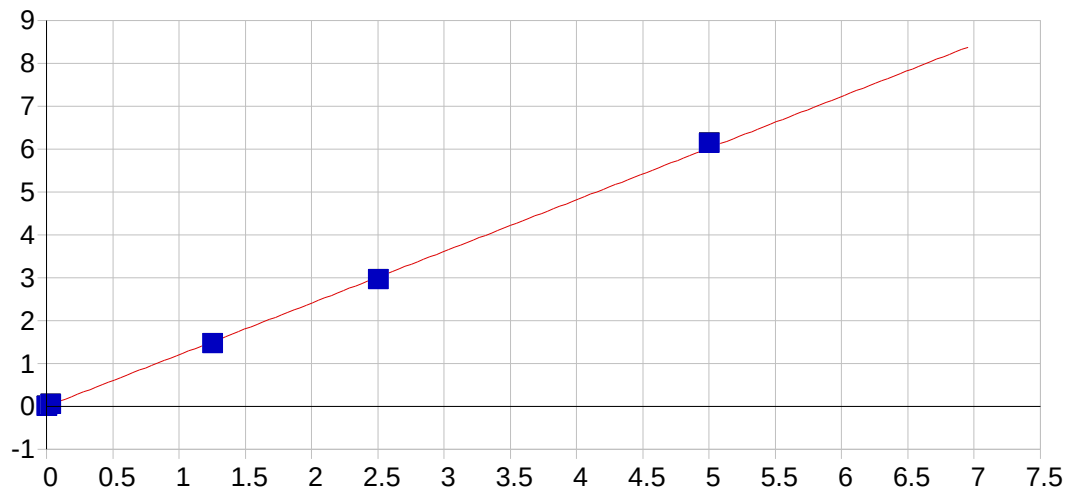
Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000032 Re-Slope: 1.000000
 A1 (Gain): 0.122117 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978
 Std Error of Est: 0.000006
 Predicted MDL: 0.000569
 Predicted MQL: 0.001896

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.01000	.01124	.001	12.4	.00135	.000	1
S3	.50000	.49941	-.001	-.119	.06141	.000	1
S4	1.0000	.99879	-.001	-.121	.12285	.000	1
S5	2.0000	2.0006	.001	.028	.24609	.001	1



Co 228.616 {447}

Date of Fit: 12/14/2018 16:34:21

Type of Fit: Linear

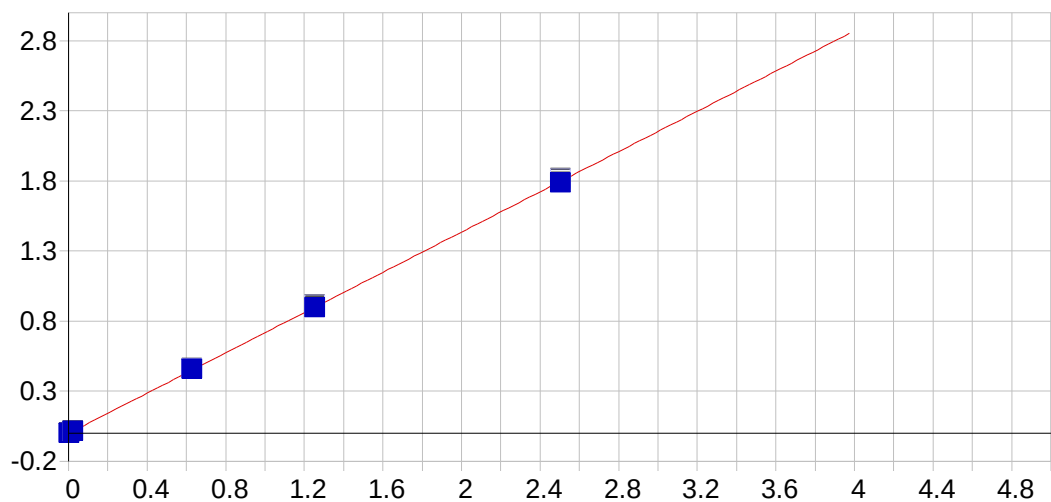
Weighting: 1/Conc

A0 (Offset): 0.000068
 A1 (Gain): 1.204958
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999747
 Std Error of Est: 0.000568
 Predicted MDL: 0.000259
 Predicted MQL: 0.000865

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.03000	.03340	.003	11.3	.04007	.000	1
S3	1.2500	1.2083	-.042	-3.34	1.4572	.003	1
S4	2.5000	2.4486	-.051	-2.06	2.9528	.003	1
S5	5.0000	5.0898	.090	1.80	6.1377	.006	1

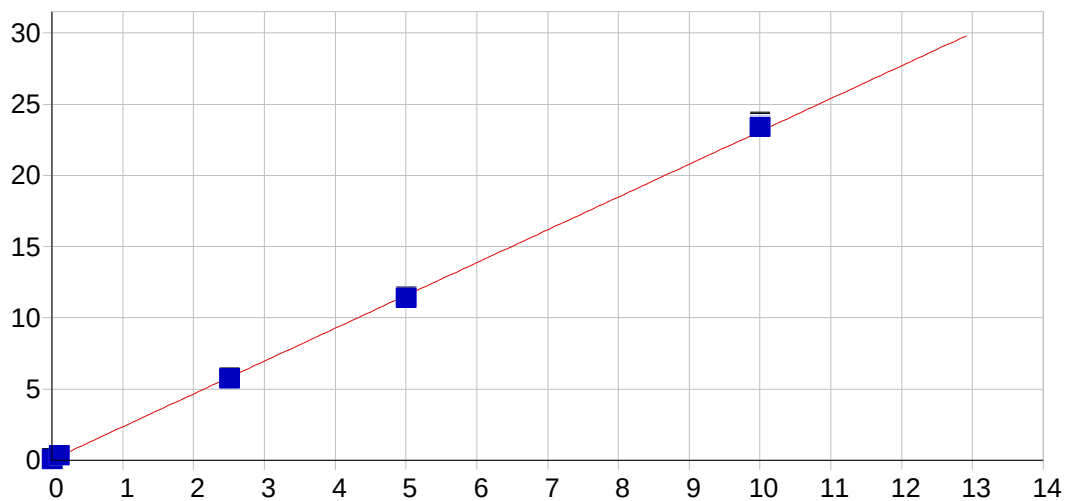


Cu 224.700 {450}

Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000197 Re-Slope: 1.000000
 A1 (Gain): 0.717845 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000109
 Predicted MDL: 0.000577
 Predicted MQL: 0.001923

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00020	.000	1
S1	.02000	.02293	.003	14.7	.01649	.000	1
S3	.62500	.63544	.010	1.67	.46320	.000	1
S4	1.2500	1.2509	.001	.076	.91229	.001	1
S5	2.5000	2.4857	-.014	-.573	1.8131	.004	1



Fe 240.488 {140}

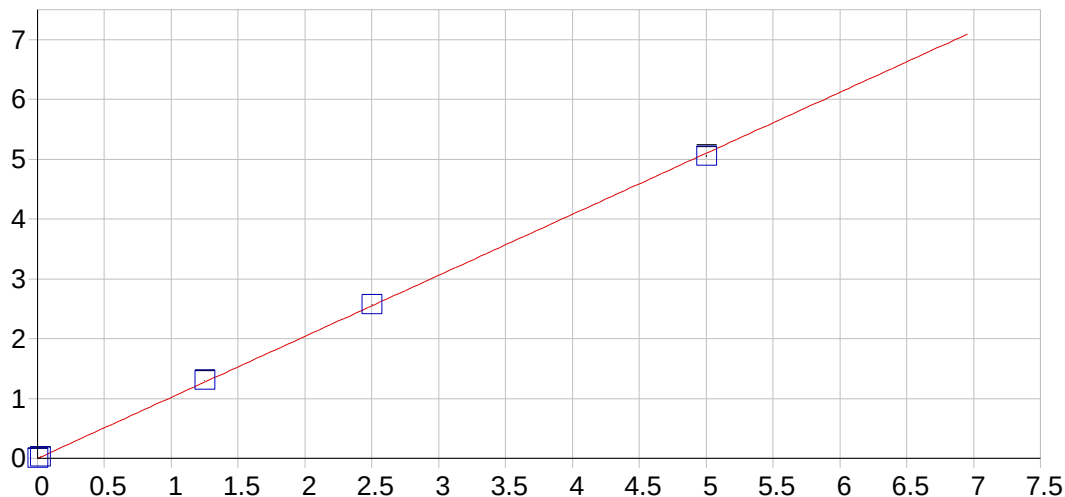
Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.049737 Re-Slope: 1.000000
 A1 (Gain): 2.304532 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870
 Std Error of Est: 0.002021
 Predicted MDL: 0.006588
 Predicted MQL: 0.021960

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.04973	.019	1
S1	.10000	.10745	.007	7.45	.29849	.004	1
S3	2.5000	2.4458	-.054	-2.17	5.7151	.050	1
S4	5.0000	4.9200	-.080	-1.60	11.446	.000	1
S5	10.000	10.127	.127	1.27	23.503	.235	1



Mn 257.610 {131}

Date of Fit: 12/14/2018 16:34:21

Type of Fit: Linear

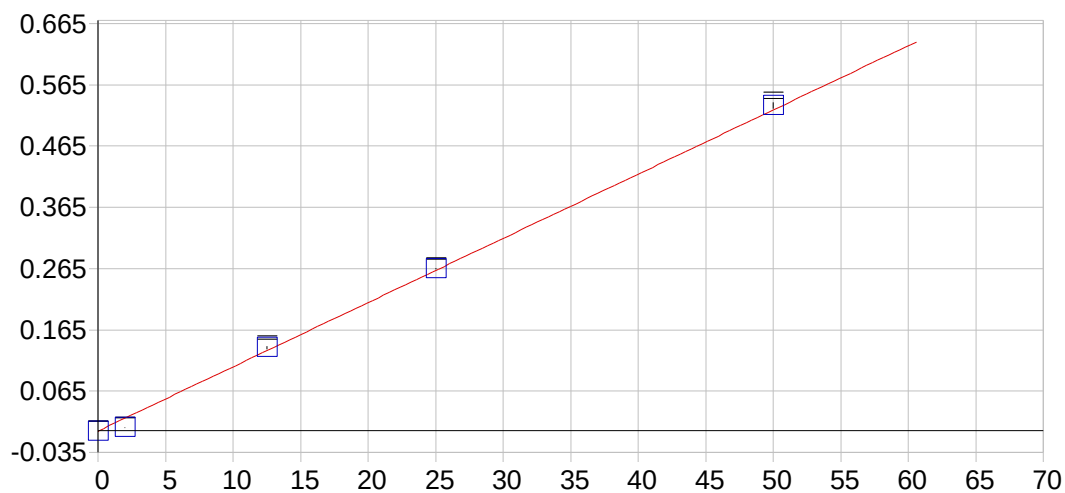
Weighting: 1/Conc

A0 (Offset): 0.000251
 A1 (Gain): 1.019761
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904
 Std Error of Est: 0.000242
 Predicted MDL: 0.000071
 Predicted MQL: 0.000238

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00025	.000	1
S1	.02000	.02365	.004	18.3	.02437	.000	1
S3	1.2500	1.2755	.026	2.04	1.3010	.002	1
S4	2.5000	2.5156	.016	.623	2.5655	.000	1
S5	5.0000	4.9552	-.045	-.895	5.0534	.016	1

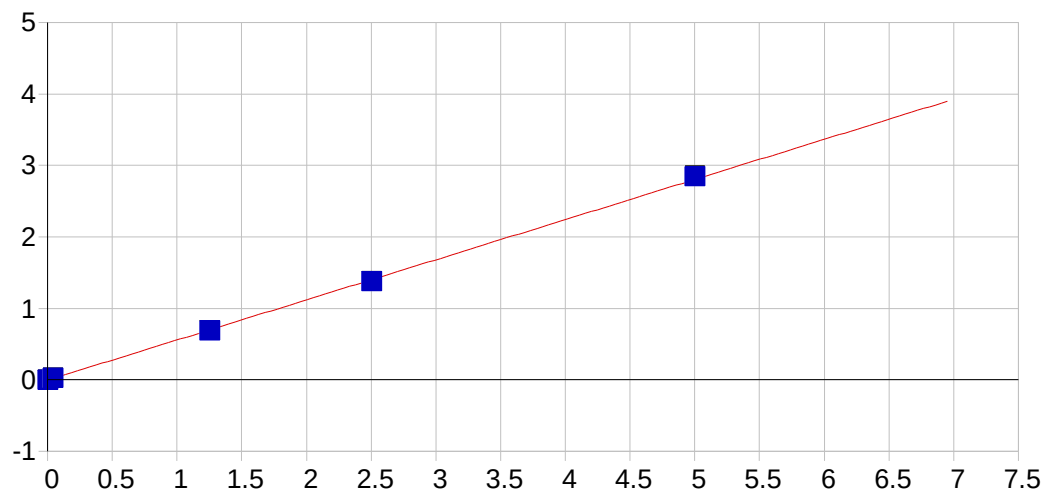


Mg 279.079 {121}

Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000135 Re-Slope: 1.000000
 A1 (Gain): 0.010479 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.993749 Status: OK.
 Std Error of Est: 0.000642
 Predicted MDL: 0.046889
 Predicted MQL: 0.156298

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	.51907	-1.48	-74.0	.00530	.000	1
S0	.00000	.00135	.001	.000	-.00012	.000	1
S3	12.500	12.973	.473	3.79	.13581	.002	1
S4	25.000	25.280	.280	1.12	.26477	.001	1
S5	50.000	50.728	.728	1.46	.53143	.005	1



Ni 231.604 {445}

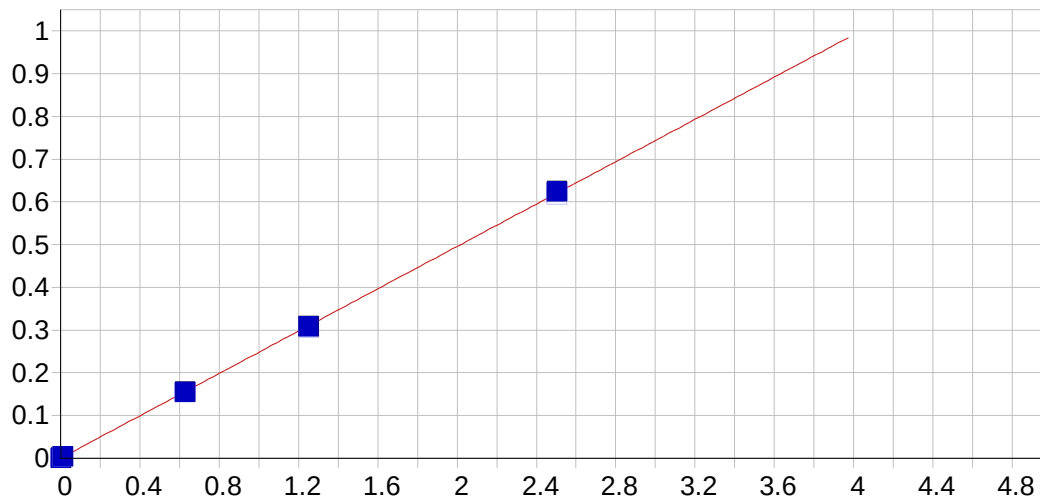
Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004405 Re-Slope: 1.000000
 A1 (Gain): 0.561607 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832
 Std Error of Est: 0.000249
 Predicted MDL: 0.000516
 Predicted MQL: 0.001719

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00441	.000	1
S1	.04000	.04465	.005	11.6	.02068	.000	1
S3	1.2500	1.2224	-.028	-2.21	.68286	.002	1
S4	2.5000	2.4539	-.046	-1.84	1.3753	.000	1
S5	5.0000	5.0690	.069	1.38	2.8455	.002	1



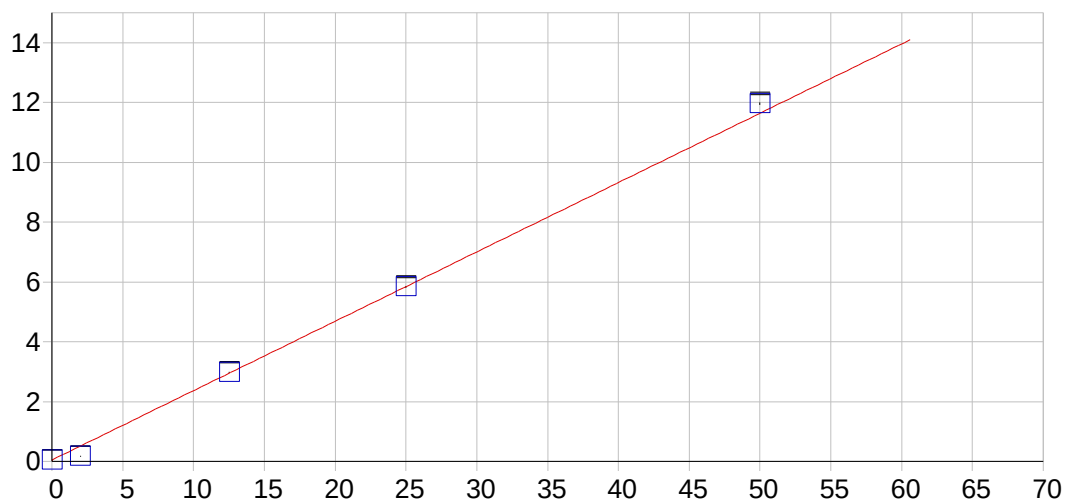
Ag 328.068 {103}

Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000378 Re-Slope: 1.000000
 A1 (Gain): 0.247763 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977
 Std Error of Est: 0.000014
 Predicted MDL: 0.000524
 Predicted MQL: 0.001746

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00038	.000	1
S1	.01000	.01047	.000	4.73	.00292	.000	1
S3	.62500	.62103	-.004	-.635	.15249	.000	1
S4	1.2500	1.2401	-.010	-.796	.30410	.001	1
S5	2.5000	2.5135	.013	.538	.61609	.001	1

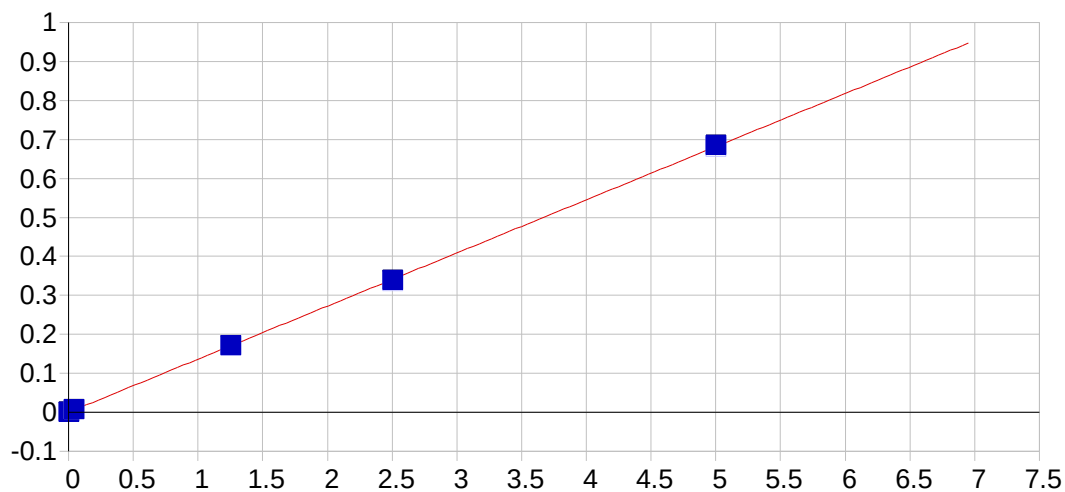


Na 589.592 { 57}

Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.046982 Re-Slope: 1.000000
 A1 (Gain): 0.231898 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.993510 Status: OK.
 Std Error of Est: 0.014489
 Predicted MDL: 0.013323
 Predicted MQL: 0.044411

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	.49531	-1.50	-75.2	.16184	.001	1
S0	.00000	.00143	.001	.000	.04731	.000	1
S3	12.500	12.646	.146	1.17	2.9796	.020	1
S4	25.000	24.983	-.017	-.069	5.8404	.032	1
S5	50.000	51.376	1.38	2.75	11.961	.046	1



V 292.402 {115}

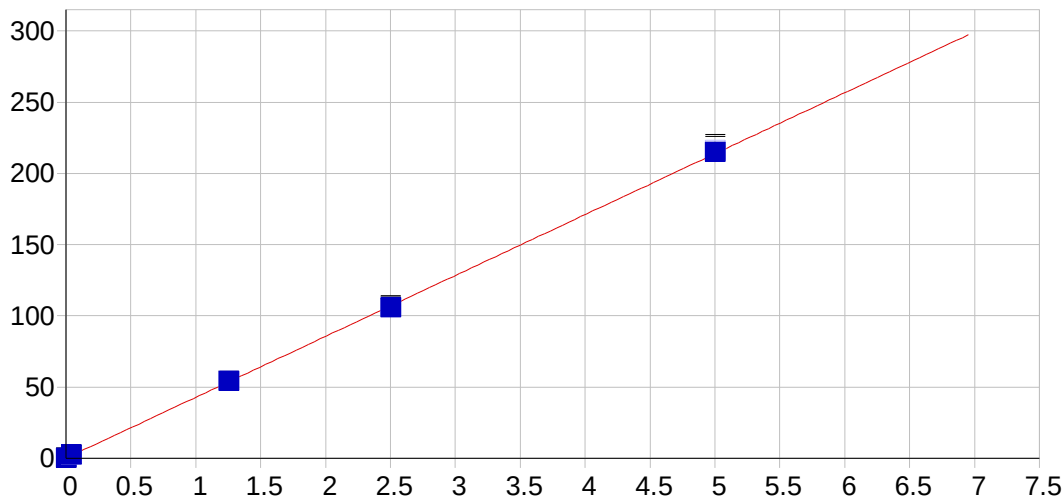
Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000030 Re-Slope: 1.000000
 A1 (Gain): 0.136312 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928
 Std Error of Est: 0.000039
 Predicted MDL: 0.000610
 Predicted MQL: 0.002035

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00003	.000	1
S1	.04000	.04618	.006	15.5	.00618	.000	1
S3	1.2500	1.2480	-.002	-.162	.16897	.001	1
S4	2.5000	2.4765	-.023	-.939	.33532	.000	1
S5	5.0000	5.0194	.019	.388	.67972	.000	1



Zn 206.200 {163}

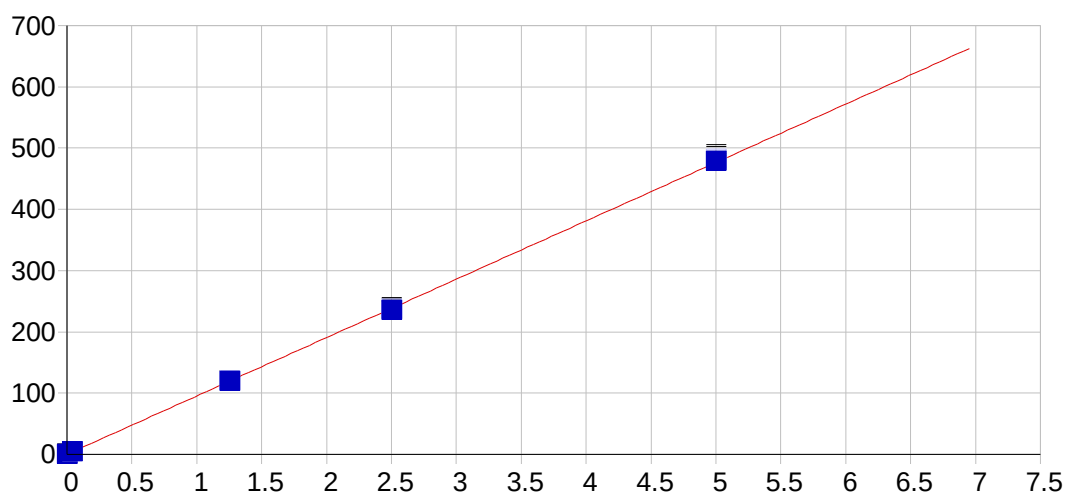
Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.081920
 A1 (Gain): 42.760443
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887
 Std Error of Est: 0.015640
 Predicted MDL: 0.000418
 Predicted MQL: 0.001395

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.08161	.016	1
S1	.04000	.04752	.008	18.8	2.1252	.042	1
S3	1.2500	1.2573	.007	.582	54.167	.117	1
S4	2.5000	2.4656	-.034	-1.38	106.16	.881	1
S5	5.0000	5.0196	.020	.392	216.02	4.31	1

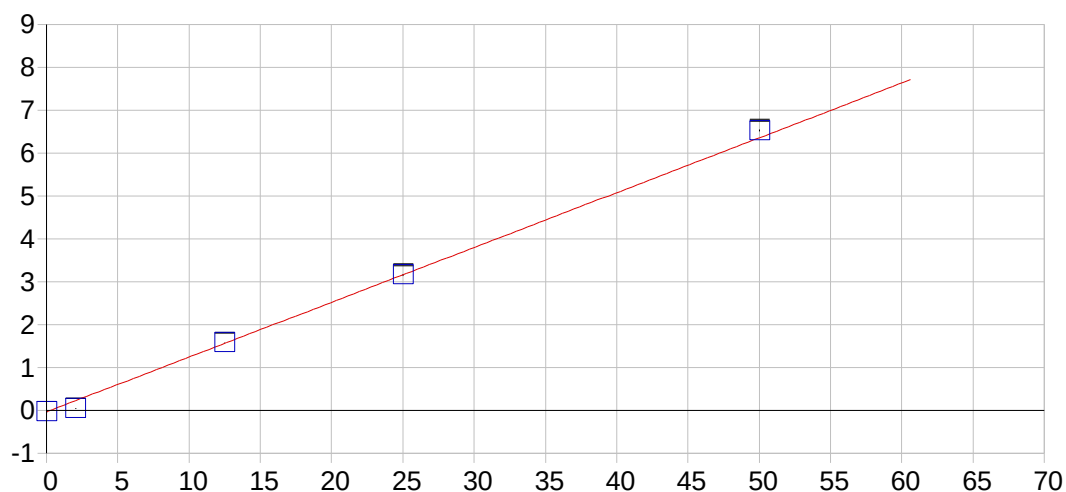


Zn 213.856 {458}

Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.108503 Re-Slope: 1.000000
 A1 (Gain): 95.288739 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887 Status: OK.
 Std Error of Est: 0.034814
 Predicted MDL: 0.000092
 Predicted MQL: 0.000305

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.10780	.010	1
S1	.04000	.04766	.008	19.2	4.6754	.019	1
S3	1.2500	1.2499	-.000	-.009	119.93	.489	1
S4	2.5000	2.4679	-.032	-1.29	236.71	2.40	1
S5	5.0000	5.0246	.025	.492	481.78	7.34	1



K 766.490 {44}

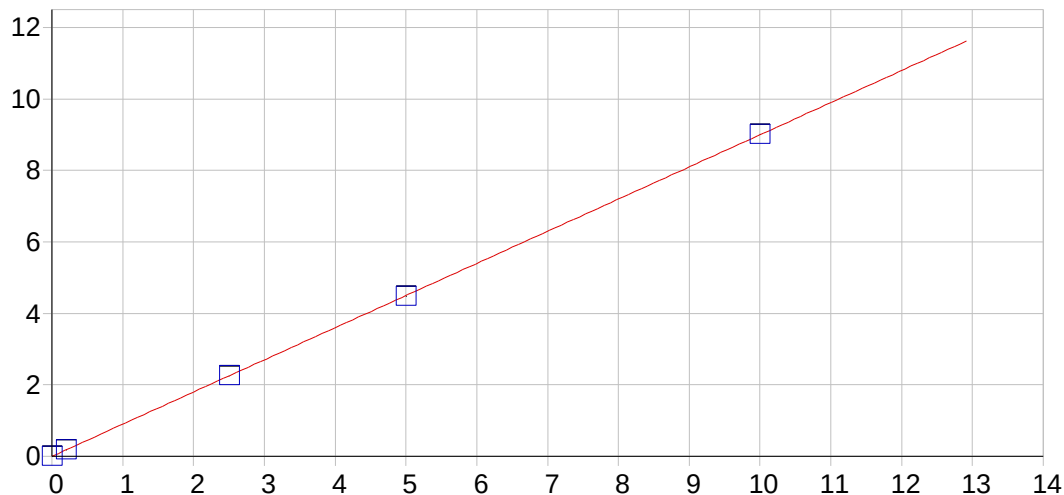
Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.033670 Re-Slope: 1.000000
 A1 (Gain): 0.127790 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.994091
 Std Error of Est: 0.007616
 Predicted MDL: 0.035291
 Predicted MQL: 0.117638

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	.56554	-1.43	-71.7	.03860	.000	1
S0	.00000	.00136	.001	.000	-.03350	.001	1
S3	12.500	12.630	.130	1.04	1.5803	.008	1
S4	25.000	24.969	-.031	-.125	3.1571	.016	1
S5	50.000	51.335	1.34	2.67	6.5265	.023	1



Mo 202.030 {467}

Date of Fit: 12/14/2018 16:34:21

Type of Fit: Linear

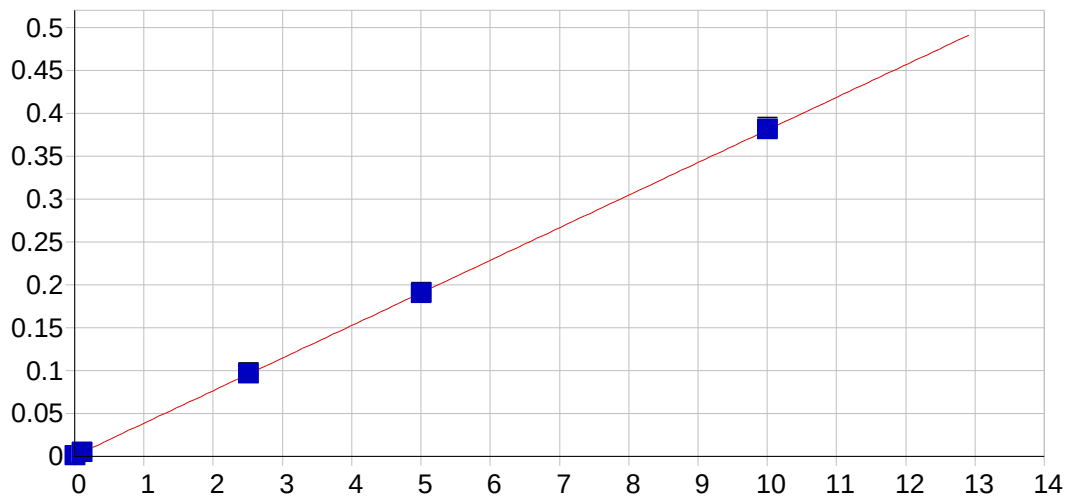
Weighting: 1/Conc

A0 (Offset): 0.000230
 A1 (Gain): 0.899616
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986
 Std Error of Est: 0.000361
 Predicted MDL: 0.000314
 Predicted MQL: 0.001048

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00022	.000	1
S1	.20000	.20828	.008	4.14	.18760	.000	1
S3	2.5000	2.5012	.001	.046	2.2503	.004	1
S4	5.0000	4.9758	-.024	-.485	4.4765	.003	1
S5	10.000	10.015	.015	.148	9.0097	.004	1

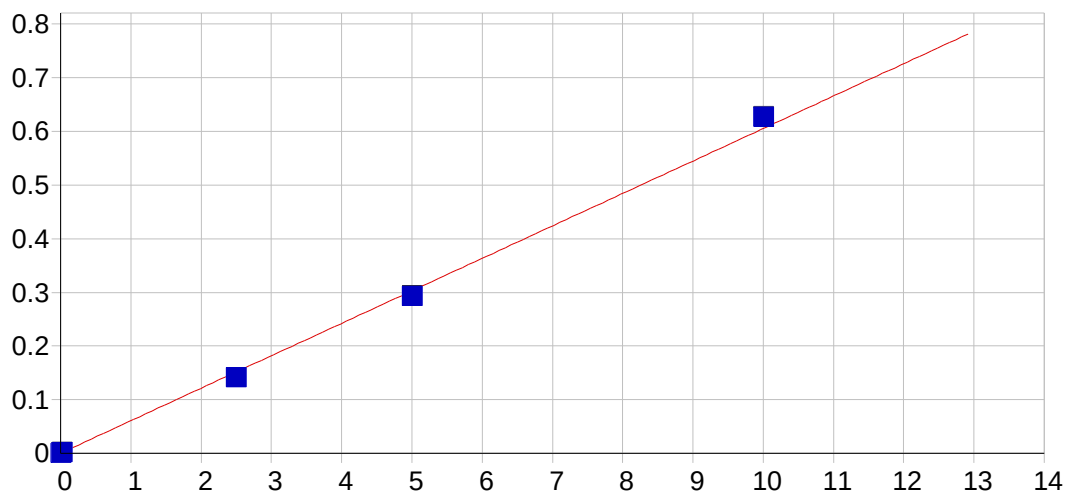


B 249.678 {135}

Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000602 Re-Slope: 1.000000
 A1 (Gain): 0.037989 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.009875
 Predicted MQL: 0.032918

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00060	.000	1
S1	.10000	.09503	-.005	-4.97	.00420	.000	1
S3	2.5000	2.5110	.011	.440	.09577	.001	1
S4	5.0000	4.9833	-.017	-.335	.18947	.001	1
S5	10.000	10.011	.011	.107	.38001	.003	1



S 182.034 {485}

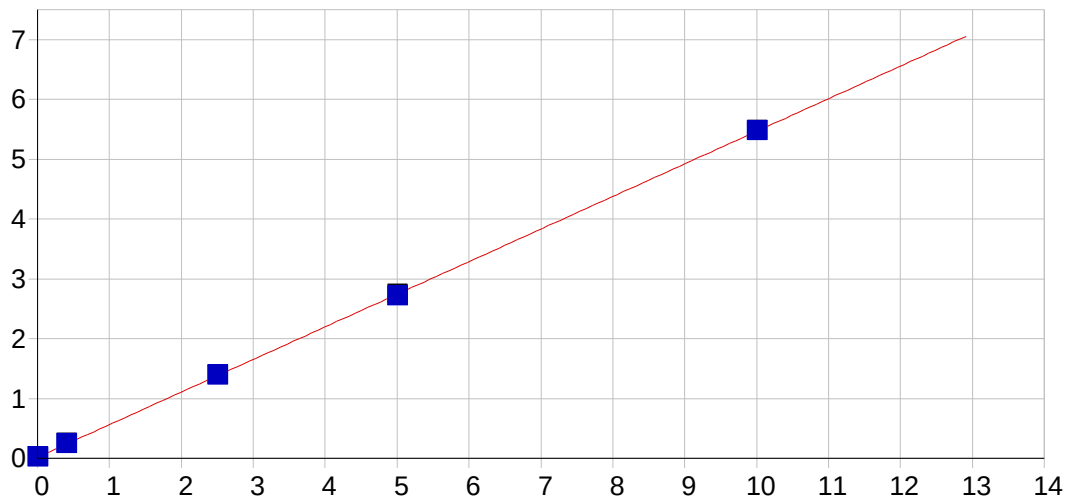
Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000312 Re-Slope: 1.000000
 A1 (Gain): 0.060505 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999106
 Std Error of Est: 0.000062
 Predicted MDL: 0.002870
 Predicted MQL: 0.009567

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.02000	.01775	-.002	-11.3	.00135	.000	1
S3	2.5000	2.3198	-.180	-7.21	.14050	.000	1
S4	5.0000	4.8311	-.169	-3.38	.29228	.001	1
S5	10.000	10.351	.351	3.51	.62594	.001	1



Si 288.158 {117}

Date of Fit: 12/14/2018 16:34:21

Type of Fit: Linear

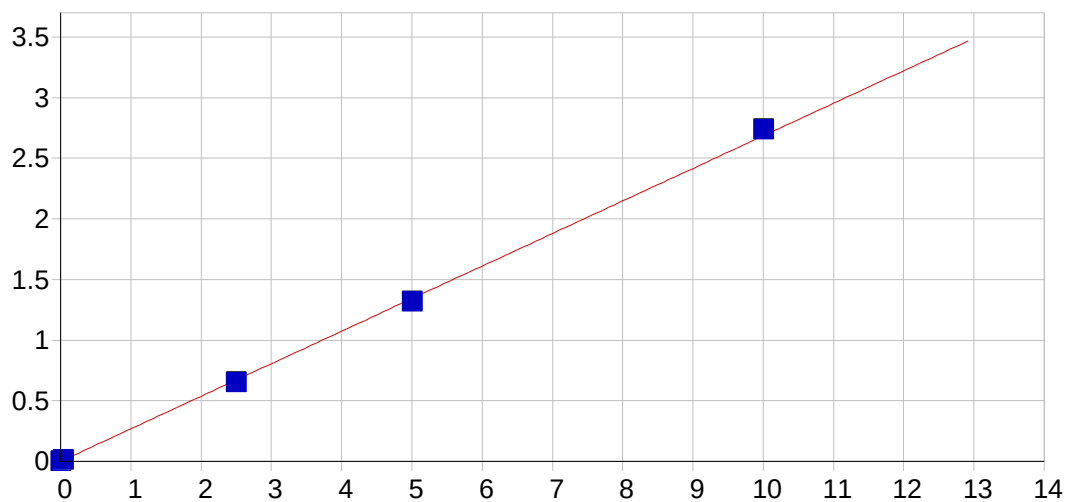
Weighting: 1/Conc

A0 (Offset): 0.017876
 A1 (Gain): 0.544896
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944
 Std Error of Est: 0.000631
 Predicted MDL: 0.002461
 Predicted MQL: 0.008203

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01786	.000	1
S1	.40000	.42291	.023	5.73	.24813	.003	1
S3	2.5000	2.5141	.014	.562	1.3871	.004	1
S4	5.0000	4.9456	-.054	-1.09	2.7113	.024	1
S5	10.000	10.017	.017	.174	5.4734	.002	1

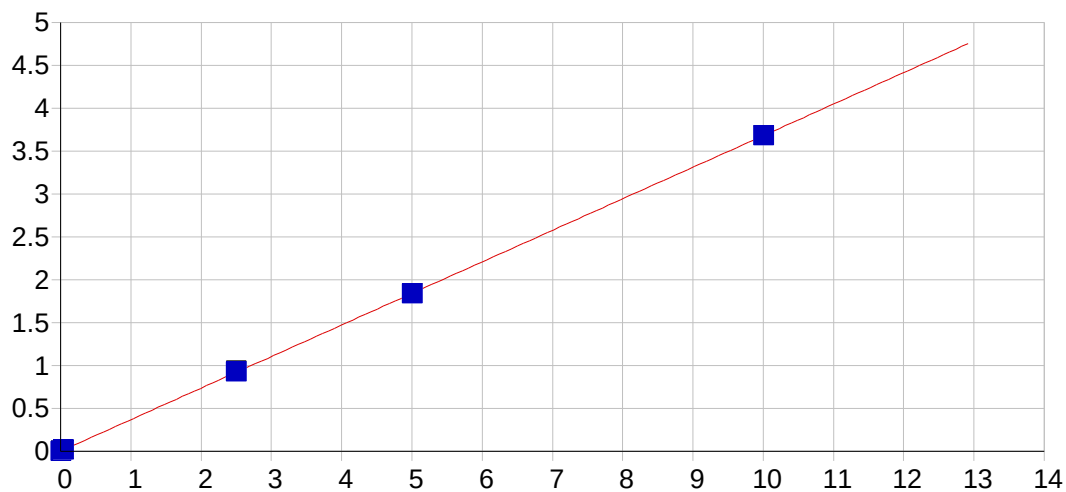


Sn 189.989 {477}

Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000601 Re-Slope: 1.000000
 A1 (Gain): 0.268423 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790 Status: OK.
 Std Error of Est: 0.000188
 Predicted MDL: 0.000668
 Predicted MQL: 0.002227

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00060	.000	1
S1	.04000	.04034	.000	.850	.01143	.000	1
S3	2.5000	2.4222	-.078	-3.11	.65088	.001	1
S4	5.0000	4.9030	-.097	-1.94	1.3169	.001	1
S5	10.000	10.175	.175	1.75	2.7321	.006	1



Ti 336.121 {100}

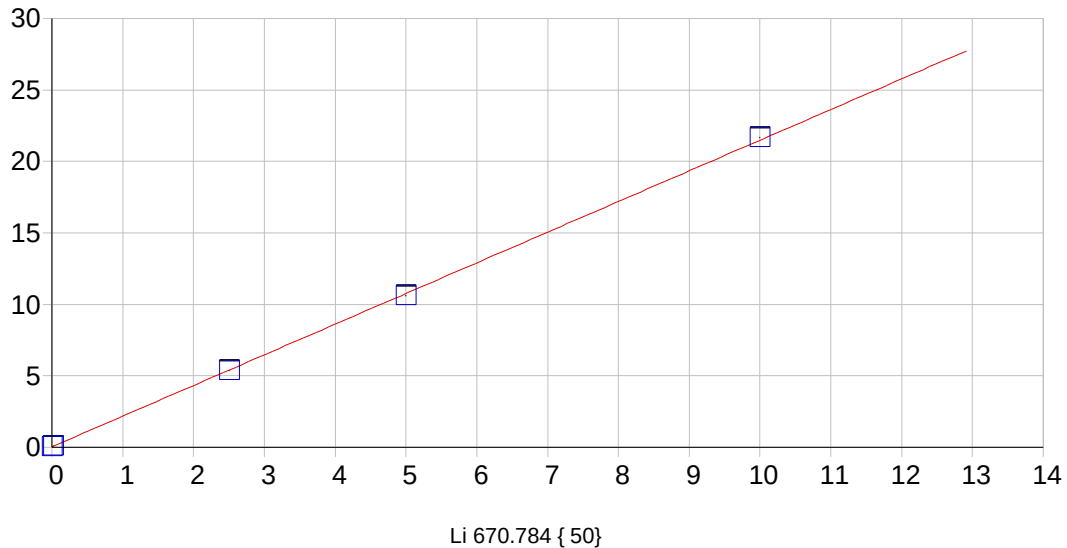
Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001269 Re-Slope: 1.000000
 A1 (Gain): 0.367910 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986
 Std Error of Est: 0.000065
 Predicted MDL: 0.002036
 Predicted MQL: 0.006786

Status: OK.

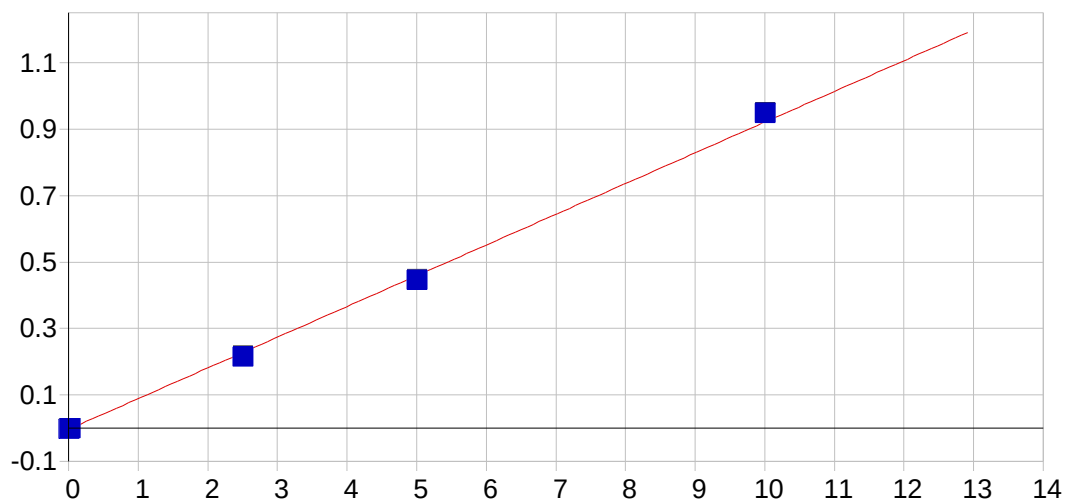
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00127	.001	1
S1	.04000	.04372	.004	9.29	.01734	.001	1
S3	2.5000	2.5159	.016	.638	.92679	.003	1
S4	5.0000	4.9919	-.008	-.162	1.8376	.001	1
S5	10.000	9.9884	-.012	-.116	3.6756	.001	1



Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.034523 Re-Slope: 1.000000
 A1 (Gain): 2.145235 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000537
 Predicted MDL: 0.001752
 Predicted MQL: 0.005840

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.03453	.004	1
S1	.02000	.01875	-.001	-6.26	.07474	.000	1
S3	2.5000	2.4877	-.012	-.491	5.3713	.028	1
S4	5.0000	4.9285	-.071	-1.43	10.607	.041	1
S5	10.000	10.085	.085	.850	21.669	.030	1

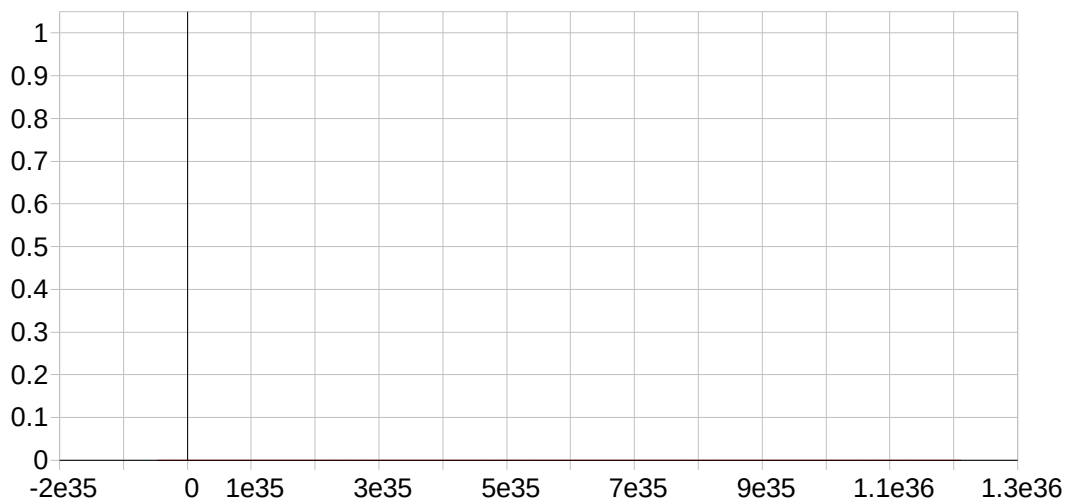


P 177.495 {490}

Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003593 Re-Slope: 1.000000
 A1 (Gain): 0.092494 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999427 Status: OK.
 Std Error of Est: 0.000076
 Predicted MDL: 0.001760
 Predicted MQL: 0.005868

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00359	.000	1
S1	.02000	.01948	-.001	-2.61	-.00180	.000	1
S3	2.5000	2.3559	-.144	-5.76	.21398	.001	1
S4	5.0000	4.8628	-.137	-2.74	.44552	.000	1
S5	10.000	10.282	.282	2.82	.94608	.001	1



Y 224.306 {450}*

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

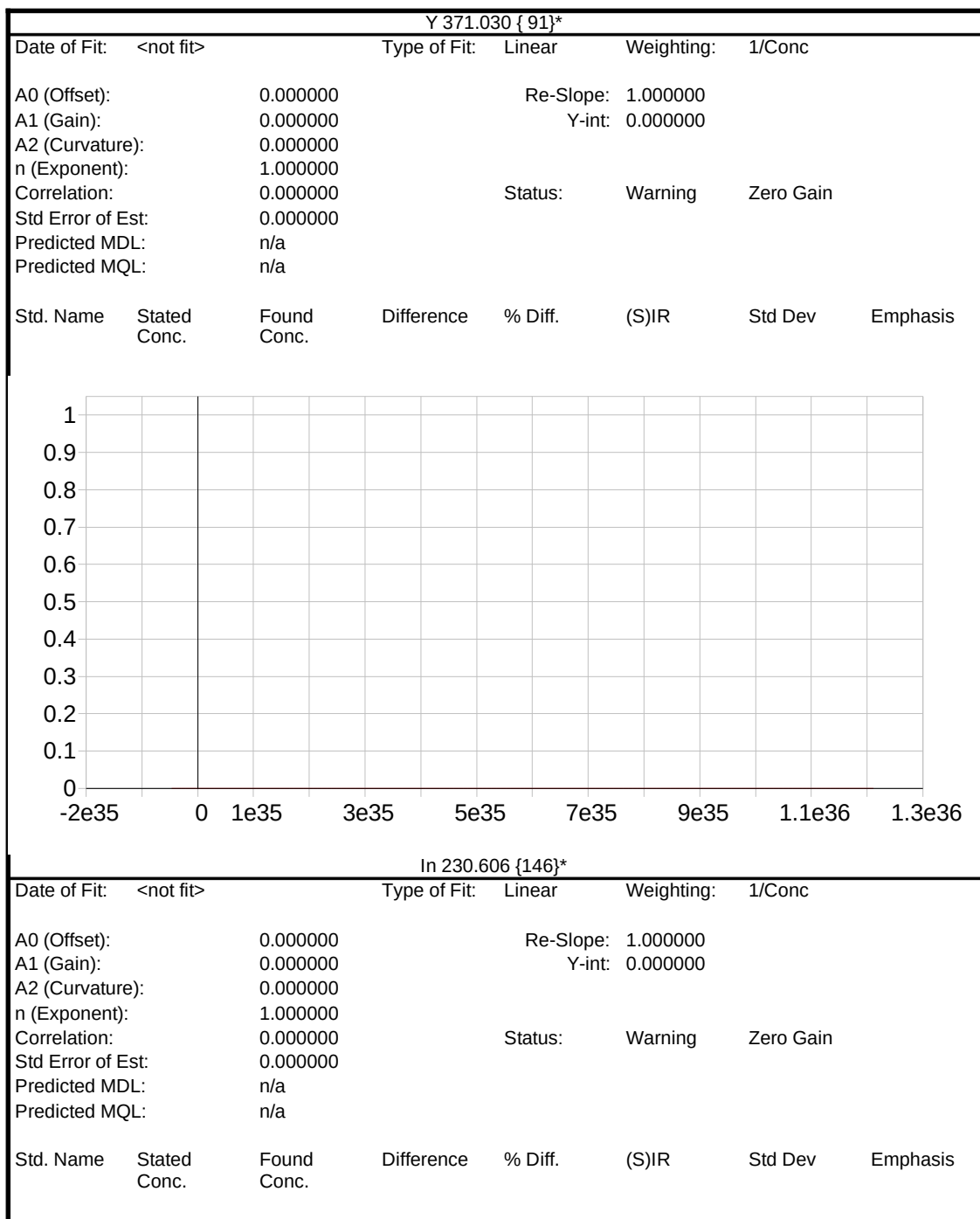
A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000

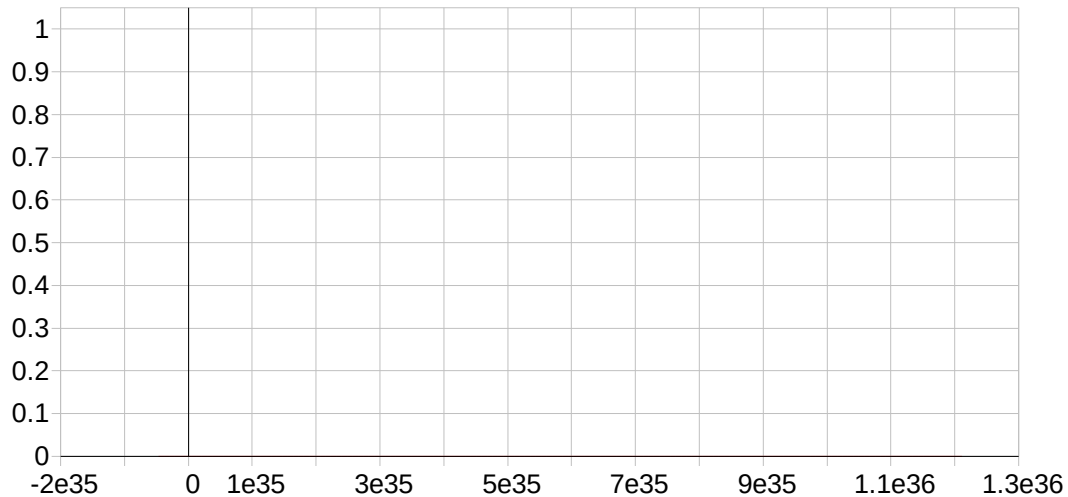
Status: Warning Zero Gain

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

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain





In 230.606 {446}*

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

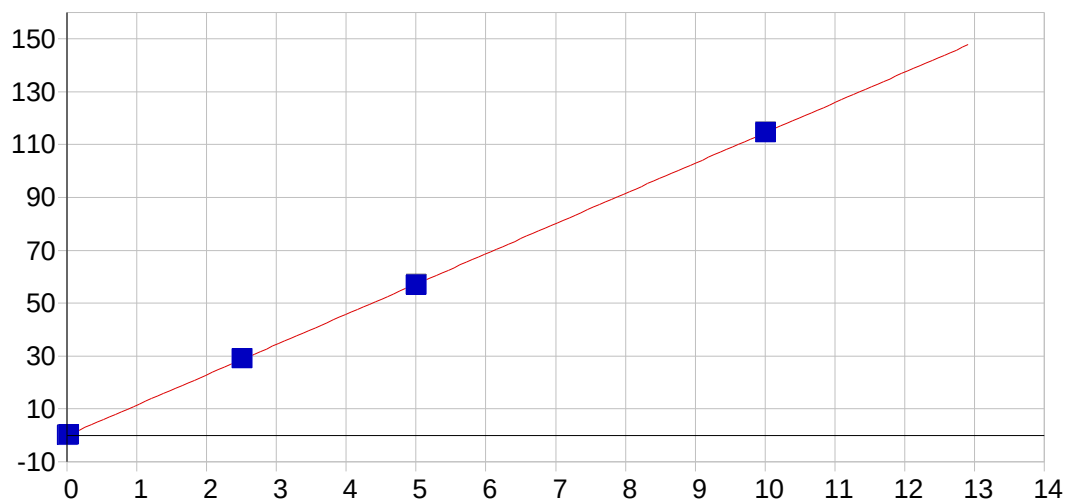
Status: Warning Zero Gain

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



Sr 407.771 { 83}

Date of Fit: 12/14/2018 16:34:21

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006588

Re-Slope: 1.000000

A1 (Gain): 11.447240

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999986

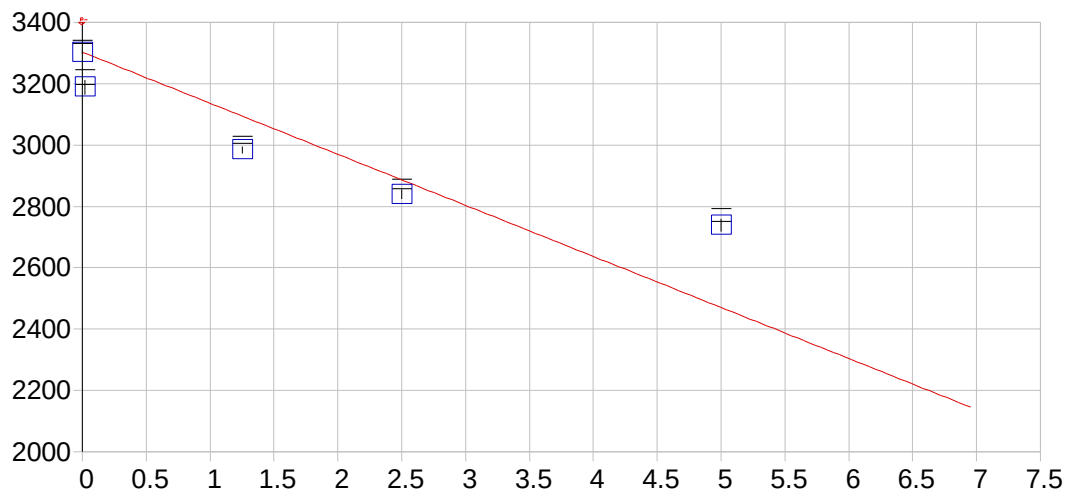
Status: OK.

Std Error of Est: 0.001473

Predicted MDL: 0.000118

Predicted MQL: 0.000395

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00660	.000	1
S1	.02000	.02113	.001	5.64	.23653	.003	1
S3	2.5000	2.5252	.025	1.01	28.932	.086	1
S4	5.0000	4.9702	-.030	-.596	56.952	.041	1
S5	10.000	10.003	.003	.034	114.63	.057	1

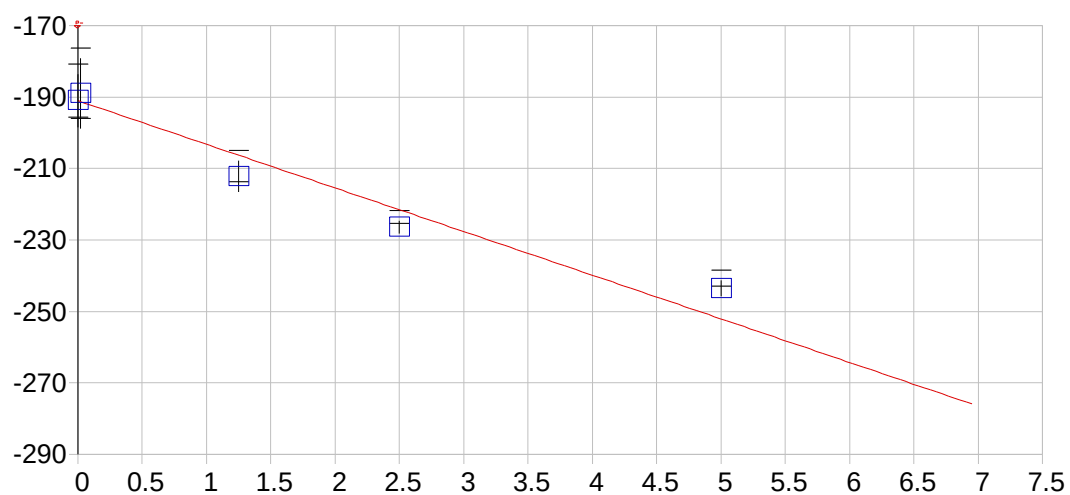


U 367.007 { 92 }

Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3302.777880 Re-Slope: 1.000000
 A1 (Gain): -166.455576 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.525495 Status: Warning Negative Gain
 Std Error of Est: 4.605356
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00067	-.001	.000	3302.9	4.35	1
S1	.02000	.68419	.664	3320.	3188.9	23.9	1
S3	1.2500	1.9157	.666	53.3	2983.9	11.1	1
S4	2.5000	2.7843	.284	11.4	2839.3	15.9	1
S5	5.0000	3.3858	-1.61	-32.3	2739.2	21.0	1



U 385.958 { 87}

Date of Fit: 12/14/2018 16:34:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -191.016789

Re-Slope: 1.000000

A1 (Gain): -12.209562

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.900894

Status: Warning Negative Gain

Std Error of Est: 0.100522

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00018	.000	.000	-191.02	7.48	1
S1	.02000	-.16366	-.184	-918.	-189.02	9.87	1
S3	1.2500	1.7336	.484	38.7	-212.18	4.34	1
S4	2.5000	2.8974	.397	15.9	-226.39	1.82	1
S5	5.0000	4.3027	-.697	-13.9	-243.55	2.26	1

Sample Name: S0 Acquired: 12/14/2018 12:41:29 Type: Cal
Method: P4-ICP2(v2652) Mode: IR Corr. Factor: 1.000000
User: Bin He 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	-.00019	-.00029	.00262	-.00008	.00042	-.00010	.09767	.00010
Stddev	.00007	.00005	.00019	.00017	.00019	.00003	.00380	.00005
%RSD	36.971	18.327	7.3659	210.82	46.465	33.291	3.8898	49.570

#1	-.00023	-.00025	.00276	-.00020	.00028	-.00012	.10036	.00014
#2	-.00014	-.00032	.00248	.00004	.00056	-.00007	.09499	.00006

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	-.00088	.00032	-.00003	.00007	-.00020	.04973	.00025	-.00012
Stddev	.00033	.00013	.00003	.00009	.00029	.01851	.00001	.00009
%RSD	37.671	41.081	94.412	130.79	144.65	37.221	2.3953	72.041

#1	-.00111	.00041	-.00005	.00000	.00000	.03664	.00024	-.00018
#2	-.00064	.00023	-.00001	.00013	-.00040	.06281	.00025	-.00006

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	-.00441	.00038	.04731	-.00003	.10780	-.03350	.00022	.00060
Stddev	.00013	.00002	.00000	.00004	.01011	.00076	.00016	.00000
%RSD	3.0392	4.6831	.00235	137.26	9.3785	2.2600	73.024	.70563

#1	-.00431	.00036	.04731	-.00000	.11495	-.03296	.00034	.00061
#2	-.00450	.00039	.04731	-.00006	.10065	-.03403	.00011	.00060

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	.00031	.01786	.00060	.00127	.03453	-.0036	-.00660	3302.9
Stddev	.00015	.00012	.00011	.00060	.00419	.0000	.00014	4.3
%RSD	48.582	.69446	19.015	47.010	12.136	.1771	2.1046	.13163

#1	.00042	.01795	.00068	.00169	.03749	-.0036	-.00670	3306.0
#2	.00020	.01778	.00052	.00085	.03156	-.0036	-.00650	3299.8

Sample Name: S0 Acquired: 12/14/2018 12:41:29 Type: Cal
Method: P4-ICP2(v2652) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-191.02
Stddev	7.48
%RSD	3.9178

#1	-196.31
#2	-185.73

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2630.1	59169.	4047.7	94.150	3581.1
Stddev	8.4	13.	18.8	.507	.4
%RSD	.32107	.02195	.46389	.53825	.01213

#1	2624.1	59179.	4034.4	93.792	3580.8
#2	2636.1	59160.	4061.0	94.508	3581.4

Sample Name: S1 Acquired: 12/14/2018 12:45:31 Type: Cal
Method: P4-ICP2(v2652) Mode: IR Corr. Factor: 1.000000
User: Bin He 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	.00208	.00507	.00637	.00139	.01100	.00059	.64932	.00509
Stddev	.00007	.00023	.00019	.00007	.00021	.00006	.00604	.00005
%RSD	3.1604	4.6321	2.9882	5.3730	1.9043	10.764	.92997	1.0192
#1	.00212	.00523	.00623	.00133	.01115	.00054	.64505	.00505
#2	.00203	.00490	.00650	.00144	.01085	.00063	.65359	.00513
Elem	Cd2265	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01888	.00135	.04007	.01649	.29849	.02437	.02068	.00292
Stddev	.00013	.00002	.00017	.00015	.00419	.00007	.00033	.00001
%RSD	.68567	1.4967	.43512	.88973	1.4048	.29057	1.5799	.20848
#1	.01879	.00133	.03994	.01638	.29553	.02442	.02045	.00292
#2	.01897	.00136	.04019	.01659	.30146	.02432	.02091	.00293
Elem	V_2924	Zn2138	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00618	4.6754	.18760	.00420	.00135	.24813	.01143	.01734
Stddev	.00004	.0187	.00015	.00025	.00000	.00264	.00008	.00090
%RSD	.69224	.40055	.08013	5.9589	.29054	1.0651	.73847	5.2164
#1	.00615	4.6622	.18749	.00437	.00135	.24627	.01137	.01670
#2	.00621	4.6887	.18770	.00402	.00135	.25000	.01149	.01798
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.07474	-.0018	.23653	3188.9	-189.02			
Stddev	.00024	.0000	.00303	23.9	9.87			
%RSD	.32296	2.195	1.2826	.74937	5.2243			
#1	.07457	-.0018	.23438	3172.0	-196.00			
#2	.07491	-.0018	.23867	3205.8	-182.04			

Sample Name: S1 Acquired: 12/14/2018 12:45:31 Type: Cal
Method: P4-ICP2(v2652) Mode: IR Corr. Factor: 1.000000
User: Bin He 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	2614.0	58336.	4031.7	91.650	3529.3
Stddev	5.8	159.	42.0	.071	5.8
%RSD	.22344	.27302	1.0429	.07715	.16456
#1	2609.9	58223.	4061.4	91.700	3525.2
#2	2618.1	58448.	4001.9	91.600	3533.4

Sample Name: S2 Acquired: 12/14/2018 12:49:33 Type: Cal
Method: P4-ICP2(v2652) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02459	.00530	.16184	.03860
Stddev	.00010	.00010	.00124	.00035
%RSD	.39141	1.9097	.76493	.90999

#1	.02452	.00538	.16097	.03885
#2	.02466	.00523	.16272	.03835

Int. Std.	Y_3710
Units	Cts/S
Avg	4117.4
Stddev	10.2
%RSD	.24667

#1	4110.3
#2	4124.6

Sample Name: S3 Acquired: 12/14/2018 12:53:35 Type: Cal
Method: P4-ICP2(v2652) Mode: IR Corr. Factor: 1.000000
User: Bin He 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	.27158	.31175	.74927	.18500	.46746	.02949	24.787	.09652
Stddev	.00008	.00116	.00186	.00087	.00177	.00007	.101	.00009
%RSD	.02929	.37179	.24882	.46919	.37946	.24911	.40937	.09702

#1	.27163	.31256	.75058	.18562	.46871	.02944	24.715	.09645
#2	.27152	.31093	.74795	.18439	.46620	.02954	24.859	.09659

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	3.9898	.55805	.06141	1.4572	.46320	5.7151	1.3010	.13581
Stddev	.0065	.00106	.00001	.0027	.00036	.0501	.0017	.00243
%RSD	.16368	.19048	.01057	.18380	.07831	.87668	.12886	1.7868

#1	3.9944	.55730	.06141	1.4591	.46346	5.7505	1.2998	.13409
#2	3.9852	.55880	.06141	1.4553	.46295	5.6796	1.3022	.13753

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	.68286	.15249	2.9796	.16897	119.93	1.5803	2.2503	.09577
Stddev	.00158	.00015	.0196	.00056	.49	.0077	.0039	.00112
%RSD	.23117	.09668	.65817	.33041	.40781	.48979	.17289	1.1730

#1	.68398	.15259	2.9657	.16858	119.58	1.5749	2.2531	.09498
#2	.68175	.15238	2.9935	.16937	120.27	1.5858	2.2476	.09656

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	.14050	1.3871	.65088	.92679	5.3713	.2140	28.932	2983.9
Stddev	.00003	.0042	.00099	.00313	.0276	.0011	.086	11.1
%RSD	.02020	.30333	.15155	.33806	.51322	.5030	.29810	.37233

#1	.14052	1.3841	.65158	.92900	5.3518	.2147	28.871	2976.0
#2	.14048	1.3900	.65018	.92457	5.3908	.2132	28.993	2991.7

Sample Name: S3 Acquired: 12/14/2018 12:53:35 Type: Cal
Method: P4-ICP2(v2652) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-212.18
Stddev	4.34
%RSD	2.0444

#1	-209.12
#2	-215.25

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2550.1	56591.	4038.5	89.398	3271.5
Stddev	5.5	66.	11.0	.297	7.2
%RSD	.21493	.11591	.27267	.33235	.22121

#1	2546.2	56637.	4046.3	89.608	3266.4
#2	2554.0	56544.	4030.7	89.188	3276.6

Sample Name: S4 Acquired: 12/14/2018 12:57:21 Type: Cal
Method: P4-ICP2(v2652) Mode: IR Corr. Factor: 1.000000
User: Bin He 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	.54641	.62863	1.5085	.37134	.93693	.06005	48.565	.19305
Stddev	.00028	.00108	.0009	.00056	.00001	.00044	.200	.00031
%RSD	.05180	.17198	.05695	.15082	.00127	.72810	.41231	.15984

#1	.54661	.62786	1.5091	.37094	.93692	.05974	48.707	.19284
#2	.54621	.62939	1.5079	.37173	.93694	.06036	48.423	.19327

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	8.1327	1.1043	.12285	2.9528	.91229	11.446	2.5655	.26477
Stddev	.0015	.0017	.00000	.0032	.00059	.000	.0005	.00075
%RSD	.01893	.15200	.00128	.10876	.06503	.00223	.01843	.28222

#1	8.1316	1.1054	.12285	2.9551	.91187	11.446	2.5659	.26424
#2	8.1338	1.1031	.12285	2.9506	.91271	11.446	2.5652	.26529

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3753	.30410	5.8404	.33532	236.71	3.1571	4.4765	.18947
Stddev	.0001	.00085	.0320	.00017	2.40	.0162	.0034	.00078
%RSD	.00552	.27938	.54822	.05067	1.0157	.51241	.07696	.41286

#1	1.3753	.30350	5.8631	.33520	238.41	3.1685	4.4790	.19002
#2	1.3752	.30470	5.8178	.33544	235.01	3.1457	4.4741	.18891

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	.29228	2.7113	1.3169	1.8376	10.607	.4455	56.952	2839.3
Stddev	.00085	.0237	.0012	.0011	.041	.0002	.041	15.9
%RSD	.28917	.87416	.09353	.05756	.38966	.0430	.07196	.55951

#1	.29288	2.7280	1.3160	1.8384	10.637	.4457	56.981	2828.1
#2	.29168	2.6945	1.3178	1.8369	10.578	.4454	56.923	2850.6

Sample Name: S4 Acquired: 12/14/2018 12:57:21 Type: Cal
Method: P4-ICP2(v2652) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-226.39
Stddev	1.82
%RSD	.80178

#1	-225.11
#2	-227.68

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2491.8	55226.	4067.8	88.200	3106.4
Stddev	.5	15.	32.4	.860	.3
%RSD	.01919	.02681	.79668	.97487	.01087

#1	2491.5	55236.	4044.9	87.592	3106.6
#2	2492.2	55215.	4090.7	88.808	3106.2

Sample Name: S5 Acquired: 12/14/2018 13:01:08 Type: Cal
Method: P4-ICP2(v2652) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1209	1.2788	3.1077	.75666	1.9075	.12257	97.489	.39100
Stddev	.0002	.0008	.0034	.00053	.0013	.00008	.324	.00030
%RSD	.02185	.06006	.11023	.06983	.06892	.06819	.33197	.07618

#1	1.1211	1.2782	3.1053	.75628	1.9085	.12263	97.718	.39121
#2	1.1207	1.2793	3.1101	.75703	1.9066	.12251	97.260	.39079

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	16.841	2.1933	.24609	6.1377	1.8131	23.503	5.0534	.53143
Stddev	.001	.0121	.00141	.0060	.0039	.235	.0157	.00536
%RSD	.00783	.55351	.57491	.09840	.21478	.99842	.30965	1.0095

#1	16.840	2.1848	.24710	6.1335	1.8104	23.669	5.0645	.52763
#2	16.842	2.2019	.24509	6.1420	1.8159	23.337	5.0424	.53522

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	2.8455	.61609	11.961	.67972	481.78	6.5265	9.0097	.38001
Stddev	.0023	.00109	.046	.00035	7.34	.0227	.0043	.00287
%RSD	.08092	.17734	.38585	.05179	1.5225	.34804	.04828	.75509

#1	2.8471	.61686	11.928	.67997	486.96	6.5104	9.0066	.37798
#2	2.8438	.61532	11.994	.67947	476.59	6.5425	9.0128	.38204

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	.62594	5.4734	2.7321	3.6756	21.669	.9461	114.63	2739.2
Stddev	.00061	.0023	.0064	.0011	.030	.0013	.06	21.0
%RSD	.09702	.04272	.23322	.02929	.13867	.1390	.05005	.76720

#1	.62637	5.4718	2.7276	3.6764	21.648	.9451	114.59	2724.3
#2	.62551	5.4751	2.7367	3.6749	21.690	.9470	114.67	2754.1

Sample Name: S5 Acquired: 12/14/2018 13:01:08 Type: Cal
Method: P4-ICP2(v2652) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-243.55
Stddev	2.26
%RSD	.92935

#1	-245.15
#2	-241.95

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2412.1	53865.	4023.7	84.337	2890.7
Stddev	1.2	40.	4.8	1.301	1.0
%RSD	.05035	.07451	.11975	1.5429	.03312

#1	2412.9	53894.	4027.1	83.417	2891.4
#2	2411.2	53837.	4020.3	85.257	2890.1

Sample Name: ICV01 Acquired: 12/14/2018 13:05:10 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0015	1.0391	.98896	1.0073	.98586	2.5094	.51759	.48995
Stddev	.0013	.0001	.00114	.0053	.00080	.0494	.00070	.00061
%RSD	.13336	.00700	.11566	.52566	.08121	1.9676	.13530	.12375
#1	1.0005	1.0391	.98815	1.0111	.98529	2.5443	.51709	.48952
#2	1.0024	1.0390	.98977	1.0036	.98642	2.4745	.51808	.49038
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48165	F 10.617	.50915	.49538	.51452	4.9943	.52095	6.2391
Stddev	.00121	.036	.00049	.00052	.00086	.0134	.00027	.0060
%RSD	.25053	.33594	.09574	.10465	.16746	.26799	.05246	.09661
#1	.48080	10.642	.50949	.49574	.51513	5.0037	.52115	6.2434
#2	.48250	10.591	.50880	.49501	.51391	4.9848	.52076	6.2349
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49873	.51705	10.277	.50983	1.0130	10.351	2.4738	2.4771
Stddev	.00017	.00220	.004	.00190	.0057	.026	.0031	.0054
%RSD	.03487	.42488	.04065	.37250	.56672	.25569	.12525	.21728
#1	.49886	.51860	10.279	.51117	1.0171	10.370	2.4760	2.4733
#2	.49861	.51549	10.274	.50849	1.0090	10.332	2.4716	2.4809
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00538	2.4298	F 2.3635	2.4833	F .00255	F -.0004	F .00634	F 1.9944
Stddev	.00001	.0072	.0010	.0095	.00256	.0008	.00005	.1911
%RSD	.18807	.29560	.04329	.38474	100.08	188.3	.78800	9.5793
#1	.00539	2.4247	2.3642	2.4901	.00436	.0001	.00638	2.1295
#2	.00537	2.4349	2.3627	2.4766	.00075	-.0010	.00631	1.8593

Sample Name: ICV01 Acquired: 12/14/2018 13:05:10 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0292
Stddev	.2610
%RSD	25.358

#1	.84462
#2	1.2137

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2552.2	56872.	4056.6	90.521	3329.6
Stddev	1.7	74.	11.9	.447	2.0
%RSD	.06810	.13019	.29361	.49336	.06061

#1	2551.0	56819.	4065.0	90.206	3331.0
#2	2553.5	56924.	4048.2	90.837	3328.1

Sample Name: LLICV01 Acquired: 12/14/2018 13:09:00 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01993	.04370	.01422	.02000	.05787	.11634	.11056
Stddev	.00171	.00048	.00009	.00033	.00082	.00983	.00090
%RSD	8.5986	1.0871	.66775	1.6592	1.4162	8.4502	.81647

#1	.02114	.04337	.01429	.01976	.05729	.12330	.10993
#2	.01871	.04404	.01415	.02023	.05845	.10939	.11120

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00647	.00603	2.2279	.01144	.03352	.02037	.09565
Stddev	.00001	.00006	.0131	.00007	.00038	.00019	.00743
%RSD	.15344	1.0397	.58823	.60392	1.1485	.92545	7.7642

#1	.00646	.00607	2.2186	.01148	.03325	.02050	.09040
#2	.00647	.00598	2.2372	.01139	.03379	.02024	.10090

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02353	2.2827	.04478	.01074	2.1720	.04608	.04650
Stddev	.00006	.0677	.00016	.00013	.0007	.00047	.00030
%RSD	.26171	2.9649	.36156	1.2550	.03316	1.0152	.64316

#1	.02357	2.2349	.04489	.01065	2.1715	.04641	.04629
#2	.02349	2.3306	.04466	.01084	2.1725	.04575	.04672

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1574	.20803	.10054	F .01472	.41842	.04390	.04414
Stddev	.0029	.00030	.00489	.00117	.00354	.00017	.00098
%RSD	.13644	.14396	4.8659	7.9535	.84685	.39377	2.2263

#1	2.1554	.20824	.09708	.01555	.42093	.04402	.04344
#2	2.1595	.20781	.10400	.01389	.41592	.04378	.04483

Sample Name: LLICV01 Acquired: 12/14/2018 13:09:00 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02105	.0191	.02106	F 1.2970	F<.00000
Stddev	.00177	.0021	.00003	.0949	.95044
%RSD	8.3981	10.99	.15430	7.3185	113.75

#1	.02230	.0206	.02104	1.3641	-.16348
#2	.01980	.0176	.02108	1.2299	-1.5076

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2599.1	57969.	4118.5	93.758	3489.2
Stddev	6.7	241.	4.8	.224	9.4
%RSD	.25960	.41626	.11737	.23882	.26842

#1	2594.4	57799.	4121.9	93.917	3482.6
#2	2603.9	58140.	4115.1	93.600	3495.8

Sample Name: ICB01 Acquired: 12/14/2018 13:13:03 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	-.00161	.00170	.00034	-.00031	.00826	-.00127
Stddev	.00158	.00149	.00002	.00188	.00063	.00910	.00068
%RSD	231.03	92.396	1.0947	553.83	200.45	110.11	53.900

#1	-.00043	-.00056	.00171	-.00099	.00013	.00183	-.00175
#2	.00180	-.00266	.00168	.00167	-.00076	.01470	-.00079

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00004	.02081	.00013	-.00012	.00025	.00241
Stddev	.00001	.00007	.00674	.00008	.00002	.00029	.00166
%RSD	40.898	185.40	32.404	64.490	17.919	116.71	68.844

#1	-.00004	-.00001	.01604	.00007	-.00014	.00045	.00359
#2	-.00002	.00009	.02558	.00019	-.00011	.00004	.00124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00523	-.00022	-.00019	-.05721	.00023	-.00013
Stddev	.00000	.04174	.00055	.00025	.00014	.00054	.00005
%RSD	6.6077	797.89	251.07	130.55	.24601	234.87	37.432

#1	.00003	.02428	-.00061	-.00001	-.05731	.00061	-.00017
#2	.00002	-.03474	.00017	-.00037	-.05711	-.00015	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02490	.00005	-.00331	-.00525	.00034	.00082	.00069
Stddev	.00783	.00002	.00261	.00211	.00124	.00048	.00045
%RSD	31.444	34.315	78.636	40.290	363.89	59.205	64.708

#1	.03044	.00006	-.00147	-.00674	.00122	.00116	.00101
#2	.01937	.00004	-.00516	-.00375	-.00054	.00047	.00038

Sample Name: ICB01 Acquired: 12/14/2018 13:13:03 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	.0001	.00008	F .87172	F<.00000
Stddev	.00006	.0009	.00009	.23833	.57789
%RSD	7.2652	885.0	112.23	27.340	126.13

#1	-.00072	-.0005	.00002	1.0402	-.04954
#2	-.00080	.0007	.00014	.70320	-.86681

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2615.7	58478.	4100.4	93.742	3547.2
Stddev	13.6	10.	34.8	.966	17.7
%RSD	.51931	.01648	.84946	1.0309	.49842

#1	2606.1	58472.	4075.8	93.058	3534.7
#2	2625.3	58485.	4125.0	94.425	3559.7

Sample Name: CRI01 Acquired: 12/14/2018 13:17:08 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02100	.04406	.01302	.01910	.05686	.10525	.11095	.00635
Stddev	.00306	.00067	.00116	.00091	.00121	.00304	.00058	.00011
%RSD	14.569	1.5098	8.8801	4.7546	2.1323	2.8893	.52211	1.8050
#1	.01884	.04453	.01383	.01974	.05601	.10740	.11054	.00643
#2	.02317	.04359	.01220	.01845	.05772	.10310	.11136	.00627
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00602	2.2317	.01169	.03314	.02019	.11207	.02338	2.3108
Stddev	.00003	.0275	.00008	.00003	.00022	.00125	.00016	.0042
%RSD	.46024	1.2326	.72232	.09580	1.0853	1.1128	.69244	.18212
#1	.00600	2.2122	.01175	.03316	.02034	.11118	.02349	2.3078
#2	.00604	2.2511	.01163	.03312	.02003	.11295	.02326	2.3138
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04473	.01058	2.1718	.04600	.04613	2.1871	.20836	.10444
Stddev	.00015	.00034	.0136	.00072	.00062	.0193	.00082	.01511
%RSD	.33684	3.2008	.62503	1.5651	1.3473	.88108	.39402	14.466
#1	.04462	.01034	2.1622	.04651	.04657	2.2007	.20777	.11512
#2	.04484	.01082	2.1814	.04549	.04569	2.1735	.20894	.09375
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01557	.41995	.04208	.04343	.01957	.0211	.02105	F 1.3771
Stddev	.00076	.00019	.00087	.00003	.00127	.0010	.00017	.2282
%RSD	4.8645	.04497	2.0691	.05867	6.4813	4.666	.80755	16.574
#1	.01504	.41982	.04269	.04345	.01868	.0204	.02093	1.5385
#2	.01611	.42009	.04146	.04341	.02047	.0218	.02117	1.2157

Sample Name: CRI01 Acquired: 12/14/2018 13:17:08 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .28079
Stddev	.58088
%RSD	206.87

#1	.69153
#2	-.12995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2586.7	57883.	4057.3	92.767	3491.1
Stddev	1.4	349.	19.0	1.697	14.4
%RSD	.05432	.60279	.46936	1.8294	.41330

#1	2587.7	57636.	4070.8	91.567	3480.9
#2	2585.7	58130.	4043.9	93.967	3501.3

Sample Name: ICSA01 Acquired: 12/14/2018 13:21:12 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01075	-.01027	.00122	-.00436	.00480	275.53	.00414
Stddev	.00527	.00325	.00201	.00140	.00045	.10	.00033
%RSD	49.016	31.664	165.05	32.048	9.2949	.03589	8.0827

#1	-.00702	-.00797	.00264	-.00535	.00512	275.46	.00390
#2	-.01448	-.01257	-.00020	-.00337	.00449	275.60	.00437

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.00160	256.64	.05697	-.00064	.01012	100.70
Stddev	.00002	.00030	1.59	.00057	.00028	.00117	2.03
%RSD	12.465	18.941	.61933	1.0008	43.978	11.549	2.0178

#1	.00017	.00181	255.52	.05657	-.00084	.01095	99.268
#2	.00020	.00138	257.76	.05738	-.00044	.00930	102.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01157	272.89	-.00214	.00348	.02251	.00092	.00088
Stddev	.00008	2.11	.00041	.00073	.00358	.00010	.00005
%RSD	.69077	.77488	19.041	20.935	15.914	10.917	5.8952

#1	.01151	271.40	-.00243	.00296	.01998	.00099	.00092
#2	.01162	274.39	-.00185	.00399	.02504	.00085	.00084

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04839	-.00075	-.01466	-.00025	-.00231	.00375	-.00202
Stddev	.00321	.00004	.00024	.00261	.00238	.00115	.00022
%RSD	6.6385	5.4167	1.6136	1036.2	103.07	30.701	10.741

#1	.05067	-.00073	-.01450	-.00210	-.00399	.00294	-.00218
#2	.04612	-.00078	-.01483	.00159	-.00063	.00456	-.00187

Sample Name: ICSA01 Acquired: 12/14/2018 13:21:12 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00585	.0010	-.00643	F 3.1565	F<.00000
Stddev	.00033	.0007	.00194	.1139	1.2128
%RSD	5.5615	70.59	30.141	3.6083	6.9380

#1	.00562	.0005	-.00506	3.2370	-16.623
#2	.00608	.0014	-.00781	3.0760	-18.338

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2295.5	50844.	3907.7	82.917	2761.0
Stddev	8.0	8.	12.9	1.436	9.0
%RSD	.35033	.01491	.33003	1.7320	.32459

#1	2289.9	50849.	3916.8	83.933	2754.7
#2	2301.2	50838.	3898.6	81.902	2767.3

Sample Name: ICSAB01 Acquired: 12/14/2018 13:25:20 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09381	.09258	.05057	.04927	.62950	270.24	.53871
Stddev	.00122	.00014	.00108	.00071	.00066	1.56	.00152
%RSD	1.2955	.15242	2.1388	1.4497	.10538	.57789	.28278

#1	.09295	.09248	.04981	.04978	.62997	269.14	.53763
#2	.09467	.09268	.05134	.04877	.62903	271.35	.53978

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54159	1.0007	253.51	.57442	.50530	.50122	99.710
Stddev	.00069	.0004	.21	.00463	.00049	.00128	.712
%RSD	.12717	.04490	.08408	.80661	.09727	.25592	.71393

#1	.54207	1.0004	253.66	.57114	.50495	.50212	100.21
#2	.54110	1.0010	253.36	.57769	.50565	.50031	99.207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53087	269.15	1.0050	.22477	.01487	.52102	1.0264
Stddev	.00054	1.18	.0012	.00115	.01270	.00045	.0057
%RSD	.10223	.43937	.11932	.51032	85.464	.08610	.55260

#1	.53049	268.31	1.0042	.22395	.00588	.52134	1.0304
#2	.53126	269.98	1.0059	.22558	.02385	.52070	1.0224

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07141	F 1.0318	F 1.0307	.00284	F .97568	F 1.0433	F 1.0419
Stddev	.00682	.0026	.0071	.00202	.00223	.0011	.0024
%RSD	9.5497	.25541	.68488	71.133	.22856	.10949	.22855

#1	.06659	1.0337	1.0257	.00141	.97410	1.0441	1.0402
#2	.07623	1.0299	1.0357	.00427	.97725	1.0425	1.0436

Sample Name: ICSAB01 Acquired: 12/14/2018 13:25:20 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00545	F .0017	F -.00706	F 3.7873	F<.00000
Stddev	.00091	.0007	.00131	.1652	.40839
%RSD	16.722	41.22	18.622	4.3621	2.5345

#1	.00610	.0012	-.00799	3.6705	-16.402
#2	.00481	.0022	-.00613	3.9042	-15.825

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2286.2	50747.	3872.6	82.124	2740.9
Stddev	9.0	92.	5.7	.534	6.3
%RSD	.39503	.18096	.14758	.65014	.22990

#1	2279.8	50812.	3868.5	81.747	2736.4
#2	2292.6	50683.	3876.6	82.502	2745.3

Sample Name: CCV01 Acquired: 12/14/2018 13:33:15 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9907	5.0155	4.9221	4.9891	4.9295	9.6978	10.095	.24590
Stddev	.0018	.0129	.0017	.0022	.0093	.0009	.001	.00009
%RSD	.03652	.25656	.03403	.04382	.18782	.00957	.01103	.03752
#1	4.9920	5.0064	4.9233	4.9875	4.9360	9.6985	10.096	.24597
#2	4.9894	5.0246	4.9209	4.9906	4.9229	9.6972	10.095	.24584
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4400	25.396	1.0008	2.4564	1.2498	5.0756	2.4870	25.506
Stddev	.0017	.117	.0066	.0036	.0001	.0001	.0022	.064
%RSD	.06758	.46233	.65420	.14450	.00797	.00203	.09008	.24992
#1	2.4388	25.313	1.0054	2.4539	1.2499	5.0755	2.4886	25.552
#2	2.4411	25.479	.99613	2.4589	1.2498	5.0756	2.4855	25.461
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4809	1.2546	25.418	2.4703	2.5555	25.640	4.9818	5.0439
Stddev	.0067	.0038	.089	.0001	.0203	.021	.0042	.0138
%RSD	.27046	.30604	.34862	.00188	.79252	.08220	.08375	.27298
#1	2.4762	1.2573	25.355	2.4703	2.5412	25.655	4.9847	5.0342
#2	2.4857	1.2519	25.481	2.4702	2.5698	25.625	4.9788	5.0536
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9582	5.0901	4.9865	5.0467	4.9685	4.935	5.0022	F 3.4032
Stddev	.0052	.0188	.0109	.0004	.0035	.003	.0090	.2407
%RSD	.10468	.36985	.21756	.00806	.07044	.0635	.17920	7.0720
#1	4.9545	5.0767	4.9788	5.0465	4.9660	4.932	5.0085	3.5734
#2	4.9619	5.1034	4.9941	5.0470	4.9710	4.937	4.9959	3.2330

Sample Name: CCV01 Acquired: 12/14/2018 13:33:15 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.4256
Stddev .7186
%RSD 50.406

#1 .91750
#2 1.9338

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.7	54917.	3961.9	83.979	3048.2
Stddev	4.9	262.	2.4	.455	2.8
%RSD	.19922	.47721	.06104	.54127	.09035

#1	2455.3	54731.	3963.6	84.300	3046.3
#2	2462.2	55102.	3960.2	83.657	3050.2

Sample Name: LLCCV01 Acquired: 12/14/2018 13:37:01 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01962	.04436	.01408	.02372	.05488	.10585	.11142
Stddev	.00107	.00140	.00087	.00297	.00038	.01329	.00120
%RSD	5.4321	3.1537	6.1646	12.506	.69806	12.557	1.0746

#1	.01886	.04337	.01469	.02162	.05461	.11525	.11227
#2	.02037	.04535	.01347	.02582	.05515	.09646	.11058

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00635	.00597	2.2152	.01130	.03357	.02059	.11913
Stddev	.00001	.00017	.0110	.00024	.00010	.00007	.01127
%RSD	.16766	2.8857	.49695	2.1223	.30893	.32825	9.4580

#1	.00635	.00609	2.2074	.01113	.03350	.02054	.11116
#2	.00634	.00584	2.2230	.01147	.03364	.02064	.12710

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02340	2.3323	.04546	.01134	2.2032	.04655	.04600
Stddev	.00009	.0182	.00028	.00021	.0062	.00050	.00045
%RSD	.37489	.78219	.61310	1.8859	.28331	1.0831	.97588

#1	.02334	2.3194	.04526	.01149	2.1988	.04619	.04632
#2	.02347	2.3452	.04566	.01119	2.2076	.04690	.04569

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2177	.20911	.08706	.01755	.42944	.04401	.04646
Stddev	.0010	.00051	.00505	.00264	.00608	.00070	.00071
%RSD	.04691	.24323	5.7992	15.059	1.4166	1.5973	1.5247

#1	2.2184	.20875	.09063	.01942	.42514	.04451	.04696
#2	2.2169	.20947	.08349	.01568	.43374	.04351	.04596

Sample Name: LLCCV01 Acquired: 12/14/2018 13:37:01 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02092	.0196	.02115	F 1.9130	F<.00000
Stddev	.00019	.0022	.00001	.1792	.30106
%RSD	.91556	11.33	.06492	9.3660	3409.0
#1	.02106	.0212	.02116	2.0397	.20405
#2	.02079	.0180	.02114	1.7863	-.22171
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2586.6	57459.	4009.0	91.863	3452.8
Stddev	5.0	87.	27.3	1.302	6.6
%RSD	.19323	.15068	.68098	1.4176	.19009
#1	2583.1	57397.	4028.3	90.942	3448.2
#2	2590.2	57520.	3989.7	92.783	3457.5

Sample Name: CCB01 Acquired: 12/14/2018 13:41:07 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00064	-.00204	.00048	-.00114	.00166	.01349	-.00082
Stddev	.00141	.00074	.00054	.00021	.00079	.00116	.00009
%RSD	218.87	36.469	111.87	18.534	47.790	8.6144	10.704

#1	.00035	-.00151	.00086	-.00129	.00110	.01267	-.00076
#2	-.00164	-.00257	.00010	-.00099	.00222	.01431	-.00088

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00001	.02009	.00094	-.00012	.00050	.00396
Stddev	.00000	.00005	.01466	.00006	.00002	.00041	.01224
%RSD	7.6284	438.63	72.947	5.9636	13.270	83.037	309.18

#1	-.00005	-.00004	.03046	.00098	-.00013	.00021	.01261
#2	-.00004	.00002	.00973	.00090	-.00011	.00079	-.00469

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.03817	-.00029	-.00045	-.05151	-.00041	-.00021
Stddev	.00003	.00176	.00015	.00001	.00584	.00022	.00007
%RSD	335.82	4.6206	52.466	2.5245	11.343	54.175	33.154

#1	.00001	.03693	-.00018	-.00046	-.05564	-.00057	-.00026
#2	-.00003	.03942	-.00039	-.00044	-.04738	-.00025	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04757	-.00004	-.01019	-.00170	.00166	.00065	.00144
Stddev	.00013	.00030	.01448	.00125	.00074	.00040	.00185
%RSD	.27587	777.87	142.09	73.414	44.470	62.238	128.58

#1	.04766	.00018	.00005	-.00082	.00218	.00093	.00013
#2	.04748	-.00025	-.02044	-.00259	.00114	.00036	.00274

Sample Name: CCB01 Acquired: 12/14/2018 13:41:07 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00150	.0005	.00009	F 2.1106	F<.00000
Stddev	.00045	.0001	.00002	.0492	.54149
%RSD	29.733	30.60	22.788	2.3311	97.122

#1	-.00182	.0004	.00011	2.1454	-.17464
#2	-.00119	.0006	.00008	2.0758	-.94043

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2583.0	57503.	4014.9	92.575	3477.9
Stddev	10.3	224.	11.1	1.343	16.4
%RSD	.39697	.39008	.27579	1.4513	.47115

#1	2575.7	57345.	4007.1	91.625	3466.3
#2	2590.2	57662.	4022.8	93.525	3489.5

Sample Name: LR CHECK1 Acquired: 12/14/2018 14:08:25 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07860	-.07036	-.06538	.01717	.05109	1801.6	.00123
Stddev	.00120	.00154	.00605	.00282	.00703	2.8	.00007
%RSD	1.5276	2.1950	9.2561	16.404	13.766	.15660	5.6535

#1	-.07945	-.06927	-.06966	.01518	.04612	1803.6	.00118
#2	-.07775	-.07145	-.06110	.01916	.05606	1799.6	.00128

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00339	.05111	1727.9	.10024	.04342	.18459	F 981.44
Stddev	.00010	.00262	11.3	.00093	.00034	.00431	28.52
%RSD	2.8871	5.1249	.65395	.92418	.78679	2.3351	2.9063

#1	.00346	.04926	1735.9	.09959	.04366	.18154	1001.6
#2	.00332	.05297	1719.9	.10090	.04318	.18764	961.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01550	F 1875.3	.16289	.03711	1680.9	.00789	.12068
Stddev	.00020	10.5	.00310	.00507	25.8	.00032	.00529
%RSD	1.3124	.55917	1.9042	13.673	1.5321	4.0527	4.3846

#1	.01535	1867.9	.16508	.04070	1699.1	.00767	.12442
#2	.01564	1882.7	.16070	.03353	1662.7	.00812	.11694

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1058.3	.00991	-.01291	.44882	.00201	.02894	-.04436
Stddev	13.7	.00053	.06803	.00237	.00165	.00306	.00142
%RSD	1.2913	5.3280	526.84	.52738	81.933	10.572	3.2098

#1	1068.0	.00954	.03519	.45050	.00317	.02678	-.04335
#2	1048.6	.01029	-.06101	.44715	.00085	.03110	-.04537

Sample Name: LR CHECK1 Acquired: 12/14/2018 14:08:25 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05911	.0489	F -1.0636	<.00000	^ *****
Stddev	.00004	.0053	.0313	.04265	-----
%RSD	.07015	10.94	2.9430	3.5832	-----

#1	.05908	.0526	-1.0857	-1.2204	^ -----
#2	.05914	.0451	-1.0414	-1.1601	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1762.7	38699.	3407.3	60.126	1719.3
Stddev	.6	218.	9.0	1.975	5.2
%RSD	.03342	.56337	.26322	3.2847	.30184

#1	1762.3	38853.	3401.0	58.730	1715.6
#2	1763.1	38544.	3413.7	61.523	1723.0

Sample Name: LR CHECK2 Acquired: 12/14/2018 14:12:51 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.00085	-.01419	231.05	.02228	-.01095	-.26751	F 101.92	-.00001
Stddev	.00043	.00001	.11	.00139	.00019	.01630	.15	.00004
%RSD	50.988	.09019	.04669	6.2591	1.7613	6.0947	.14868	356.75
#1	-.00115	-.01418	231.13	.02327	-.01081	-.25599	101.81	-.00004
#2	-.00054	-.01420	230.98	.02129	-.01108	-.27904	102.03	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00933	.17974	-.12598	-.02728	233.01	-.75491	F 48.044	-.08219
Stddev	.00011	.00208	.00048	.00000	.28	.00258	.017	.01647
%RSD	1.1560	1.1557	.38258	.01224	.11837	.34129	.03473	20.040
#1	-.00940	.17827	-.12564	-.02728	232.82	-.75309	48.056	-.09384
#2	-.00925	.18121	-.12632	-.02728	233.21	-.75673	48.033	-.07055
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.485	.00286	1.4752	-.00297	F 35.855	1.1673	-.00206	-.00427
Stddev	.046	.00005	.0636	.00004	1.203	.0333	.00008	.00456
%RSD	.09739	1.7405	4.3104	1.4019	3.3562	2.8521	3.7554	106.57
#1	47.517	.00282	1.5201	-.00294	36.706	1.1909	-.00200	-.00750
#2	47.452	.00289	1.4302	-.00300	35.004	1.1438	-.00211	-.00105
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02667	-.00156	.00018	.00434	.00340	-.6564	.00288	3.7681
Stddev	.00028	.00011	.00057	.00145	.00010	.0063	.00001	.0526
%RSD	1.0335	6.9214	318.35	33.315	3.0396	.9587	.25154	1.3971
#1	.02647	-.00163	-.00023	.00332	.00347	-.6520	.00289	3.8053
#2	.02686	-.00148	.00059	.00536	.00333	-.6609	.00288	3.7308

Sample Name: LR CHECK2 Acquired: 12/14/2018 14:12:51 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.98164
Stddev	.51076
%RSD	52.032

#1	.62048
#2	1.3428

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2424.1	55925.	3975.9	81.900	3077.3
Stddev	7.6	106.	1.6	2.758	5.4
%RSD	.31230	.18993	.04115	3.3672	.17696

#1	2418.7	55850.	3974.7	79.950	3073.5
#2	2429.4	56000.	3977.0	83.850	3081.2

Sample Name: J6189-01 Acquired: 12/14/2018 14:17:08 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04818	-.01037	.79649	.03051	.00391	97.641	.96689
Stddev	.00066	.00218	.00396	.00176	.00117	.366	.00322
%RSD	1.3660	21.047	.49754	5.7773	29.871	.37452	.33264

#1	.04771	-.01191	.79929	.03176	.00309	97.900	.96916
#2	.04864	-.00883	.79368	.02927	.00474	97.383	.96462

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00427	.00381	83.584	.42000	.12873	.72179	238.30
Stddev	.00014	.00039	.096	.00183	.00018	.00333	2.95
%RSD	3.1866	10.132	.11543	.43686	.13838	.46179	1.2374

#1	.00437	.00409	83.515	.42129	.12886	.72414	236.22
#2	.00418	.00354	83.652	.41870	.12861	.71943	240.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7212	52.127	.48192	.01772	10.902	.33650	1.1422
Stddev	.0013	.003	.00037	.00023	.061	.00094	.0134
%RSD	.04628	.00527	.07767	1.2782	.55856	.27956	1.1695

#1	2.7204	52.125	.48165	.01756	10.946	.33717	1.1328
#2	2.7221	52.129	.48218	.01788	10.859	.33584	1.1517

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.743	.00504	.11690	7.7559	1.8027	.17386	3.7493
Stddev	.048	.00011	.00030	.0045	.0038	.00117	.0051
%RSD	.44387	2.2193	.25907	.05798	.21064	.67326	.13592

#1	10.777	.00512	.11712	7.7527	1.8054	.17303	3.7457
#2	10.709	.00496	.11669	7.7591	1.8000	.17469	3.7529

Sample Name: J6189-01 Acquired: 12/14/2018 14:17:08 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11523	5.786	.06491	<.00000	F<.00000
Stddev	.00019	.004	.00413	.09056	2.2458
%RSD	.16777	.0635	6.3630	7.2128	1.6043

#1	.11509	5.783	.06783	-1.1915	-138.40
#2	.11536	5.789	.06199	-1.3195	-141.57

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2775.0	61281.	4579.1	83.021	2977.1
Stddev	14.2	343.	14.8	.783	8.5
%RSD	.51274	.55902	.32381	.94338	.28671

#1	2764.9	61039.	4568.6	83.575	2971.1
#2	2785.0	61524.	4589.5	82.467	2983.2

Sample Name: J6189-03 Acquired: 12/14/2018 14:20:59 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01082	-.01223	.28750	.02803	.00010	88.348	.43440
Stddev	.00255	.00052	.00015	.00387	.00063	.260	.00484
%RSD	23.612	4.2356	.05158	13.791	619.15	.29445	1.1143

#1	.00901	-.01260	.28761	.03077	.00054	88.532	.43783
#2	.01262	-.01187	.28740	.02530	-.00034	88.164	.43098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00369	.00249	204.76	.17436	.10282	.33515	216.75
Stddev	.00014	.00036	1.19	.00040	.00021	.00023	3.81
%RSD	3.7990	14.416	.57935	.23043	.20364	.06905	1.7568

#1	.00378	.00224	205.60	.17407	.10297	.33531	219.44
#2	.00359	.00274	203.92	.17464	.10267	.33499	214.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1314	73.192	.20058	.01449	6.1812	.27830	.51178
Stddev	.0010	.725	.00013	.00078	.0452	.00082	.01180
%RSD	.03299	.99061	.06566	5.3705	.73074	.29602	2.3051

#1	3.1307	73.705	.20067	.01504	6.2132	.27888	.52012
#2	3.1322	72.679	.20049	.01394	6.1493	.27771	.50344

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.795	.00320	.16670	5.3889	1.3260	.01622	3.8803
Stddev	.124	.00002	.01183	.0103	.0041	.00001	.0036
%RSD	.96630	.53041	7.0967	.19022	.30644	.05132	.09250

#1	12.882	.00321	.15833	5.3962	1.3288	.01621	3.8828
#2	12.708	.00318	.17506	5.3817	1.3231	.01622	3.8777

Sample Name: J6189-03 Acquired: 12/14/2018 14:20:59 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11244	6.292	.08596	<.00000	F<.00000
Stddev	.00092	.002	.00226	.03244	.22406
%RSD	.81509	.0389	2.6313	2.0881	.18670

#1	.11308	6.294	.08436	-1.5308	-119.86
#2	.11179	6.291	.08756	-1.5767	-120.17

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2806.4	62309.	4756.9	82.599	2883.0
Stddev	2.6	276.	43.0	1.781	2.5
%RSD	.09362	.44375	.90499	2.1561	.08517

#1	2804.6	62113.	4726.5	81.339	2884.7
#2	2808.3	62504.	4787.4	83.858	2881.2

Sample Name: J6189-05 Acquired: 12/14/2018 14:24:48 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02457	-.01727	.56814	.04054	.00218	130.85	.81914
Stddev	.00022	.00078	.00090	.00008	.00264	.05	.00163
%RSD	.89806	4.5150	.15865	.18759	121.56	.03720	.19869

#1	.02441	-.01782	.56750	.04048	.00405	130.81	.82030
#2	.02473	-.01672	.56878	.04059	.00031	130.88	.81799

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00694	.00410	172.21	.23372	.13618	.51737	294.21
Stddev	.00012	.00038	.09	.00014	.00031	.00255	1.40
%RSD	1.7396	9.2305	.05484	.05992	.22629	.49283	.47498

#1	.00685	.00383	172.28	.23382	.13640	.51557	295.20
#2	.00702	.00437	172.14	.23362	.13597	.51917	293.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7316	91.082	.27221	.01835	8.7443	.35943	.97823
Stddev	.0271	.146	.00005	.00009	.0153	.00149	.00255
%RSD	.57169	.16052	.01925	.47244	.17522	.41573	.26113

#1	4.7125	90.979	.27217	.01841	8.7335	.36048	.98004
#2	4.7507	91.186	.27225	.01828	8.7552	.35837	.97642

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.255	.00404	.15260	6.5045	1.9113	.02328	2.6727
Stddev	.021	.00002	.00143	.0072	.0049	.00234	.0036
%RSD	.14962	.37526	.93734	.11125	.25643	10.040	.13610

#1	14.240	.00403	.15361	6.4994	1.9147	.02493	2.6701
#2	14.270	.00405	.15159	6.5096	1.9078	.02163	2.6752

Sample Name: J6189-05 Acquired: 12/14/2018 14:24:48 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16543	9.040	.12018	<.00000	F<.00000
Stddev	.00212	.006	.00086	.05309	1.7210
%RSD	1.2789	.0694	.71903	1.1153	.84494

#1	.16393	9.035	.11957	-4.7981	-204.90
#2	.16692	9.044	.12079	-4.7231	-202.47

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2990.5	66274.	5094.6	82.864	2836.6
Stddev	4.1	2.	5.0	.405	4.1
%RSD	.13553	.00285	.09831	.48892	.14601

#1	2993.4	66272.	5098.1	82.577	2833.6
#2	2987.7	66275.	5091.0	83.150	2839.5

Sample Name: J6194-05 Acquired: 12/14/2018 14:28:49 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00636	-.01834	.28078	.03535	.00150	107.82	.37632
Stddev	.00187	.00024	.00081	.00312	.00166	.16	.00059
%RSD	29.376	1.2945	.28780	8.8158	110.30	.14968	.15716

#1	.00504	-.01851	.28136	.03315	.00033	107.93	.37674
#2	.00768	-.01817	.28021	.03756	.00268	107.70	.37590

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00349	.00098	60.983	.15016	.12240	.49228	254.37
Stddev	.00012	.00046	.033	.00076	.00002	.00078	5.67
%RSD	3.3745	46.754	.05336	.50656	.01805	.15861	2.2309

#1	.00341	.00131	60.960	.15070	.12238	.49284	250.36
#2	.00357	.00066	61.006	.14963	.12241	.49173	258.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2246	52.758	.17989	.01536	6.2860	.44618	.56787
Stddev	.0010	.090	.00046	.00064	.0063	.00096	.01026
%RSD	.03179	.17119	.25725	4.1709	.10102	.21448	1.8074

#1	3.2254	52.694	.18022	.01490	6.2905	.44551	.56061
#2	3.2239	52.822	.17956	.01581	6.2815	.44686	.57513

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.628	.01819	.11028	5.0773	1.2009	.01256	4.3707
Stddev	.031	.00046	.00568	.0095	.0020	.00087	.0050
%RSD	.20891	2.5560	5.1488	.18760	.16485	6.9604	.11498

#1	14.649	.01786	.10627	5.0706	1.1995	.01194	4.3671
#2	14.606	.01852	.11430	5.0841	1.2023	.01318	4.3743

Sample Name: J6194-05 Acquired: 12/14/2018 14:28:49 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09957	8.360	-.11641	<.00000	F<.00000
Stddev	.00151	.006	.00620	.35377	.72333
%RSD	1.5162	.0737	5.3245	12.744	.46567

#1	.09851	8.364	-.11202	-2.5258	-154.82
#2	.10064	8.355	-.12079	-3.0261	-155.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2907.1	64249.	4848.9	85.236	2995.1
Stddev	.7	381.	18.4	1.516	7.2
%RSD	.02575	.59368	.37954	1.7785	.24032

#1	2907.6	63979.	4835.9	86.308	2990.0
#2	2906.5	64519.	4861.9	84.165	3000.2

Sample Name: J6344-04DLX10 Acquired: 12/14/2018 14:32:39 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00195	-.00484	.03192	-.00255	-.00202	8.0089	.04083	.00047
Stddev	.00000	.00037	.00010	.00002	.00088	.0003	.00025	.00003
%RSD	.18366	7.6718	.30872	.76280	43.626	.00383	.61000	5.5038

#1	.00194	-.00458	.03199	-.00254	-.00140	8.0086	.04100	.00049
#2	.00195	-.00511	.03185	-.00257	-.00264	8.0091	.04065	.00045

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	378.60	.01130	.00149	.00527	6.7848	.49014	162.77
Stddev	.00011	.12	.00051	.00011	.00062	.0590	.00180	.13
%RSD	51.641	.03184	4.4877	7.1322	11.837	.87020	.36801	.08288

#1	-.00013	378.51	.01166	.00156	.00483	6.8266	.49142	162.67
#2	-.00028	378.68	.01094	.00141	.00571	6.7431	.48887	162.87

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00453	.00022	.90307	.01597	.01554	1.7621	.00032	.00947
Stddev	.00006	.00031	.00754	.00031	.00022	.0273	.00002	.01595
%RSD	1.3531	141.20	.83458	1.9253	1.4248	1.5493	5.8674	168.43

#1	.00449	.00045	.89774	.01575	.01569	1.7428	.00034	-.00181
#2	.00457	.00000	.90840	.01619	.01538	1.7814	.00031	.02075

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0301	.14041	-.00159	.26991	.01541	.1681	.47743	5.0826
Stddev	.0108	.00427	.00065	.00191	.00143	.0005	.00048	.2175
%RSD	.26865	3.0397	40.817	.70671	9.2800	.2982	.09981	4.2782

#1	4.0224	.13739	-.00113	.27126	.01440	.1677	.47776	5.2364
#2	4.0377	.14342	-.00205	.26856	.01642	.1684	.47709	4.9288

Sample Name: J6344-04DLX10 Acquired: 12/14/2018 14:32:39 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200031 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.5297
Stddev	.4424
%RSD	12.532

#1	3.8424
#2	3.2169

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2341.3	51852.	3897.4	82.760	2832.2
Stddev	8.5	227.	1.0	.916	6.5
%RSD	.36198	.43823	.02554	1.1070	.22831

#1	2335.3	51691.	3898.1	82.112	2827.6
#2	2347.3	52013.	3896.7	83.408	2836.7

Sample Name: J6376-04 Acquired: 12/14/2018 14:36:39 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15557	-.00766	1.3690	.02907	.00458	81.632	.78071
Stddev	.00059	.00018	.0033	.00484	.00022	.179	.00037
%RSD	.38012	2.3999	.23940	16.654	4.7328	.21895	.04761

#1	.15599	-.00753	1.3713	.02565	.00473	81.505	.78045
#2	.15515	-.00779	1.3667	.03250	.00443	81.758	.78097

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00496	.00690	31.725	.13277	.07350	1.0513	186.47
Stddev	.00003	.00017	.094	.00004	.00014	.0050	2.35
%RSD	.57678	2.4045	.29777	.03151	.18779	.47434	1.2603

#1	.00498	.00702	31.792	.13280	.07340	1.0549	184.81
#2	.00494	.00678	31.658	.13274	.07359	1.0478	188.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7867	15.383	.14518	.02447	1.7303	.23624	2.5069
Stddev	.0011	.093	.00077	.00001	.0161	.00005	.0390
%RSD	.03866	.60640	.52851	.04170	.92815	.02131	1.5543

#1	2.7874	15.318	.14573	.02447	1.7189	.23628	2.4794
#2	2.7859	15.449	.14464	.02448	1.7416	.23621	2.5345

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6931	.00416	.03756	1.7711	2.2423	.14297	1.1221
Stddev	.0040	.00008	.00193	.0008	.1009	.00004	.0127
%RSD	.08621	1.9163	5.1309	.04484	4.4993	.02509	1.1294

#1	4.6903	.00410	.03619	1.7705	2.3137	.14300	1.1310
#2	4.6960	.00421	.03892	1.7716	2.1710	.14295	1.1131

Sample Name: J6376-04 Acquired: 12/14/2018 14:36:39 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08267	4.510	-.06304	<.00000	F<.00000
Stddev	.00185	.012	.00281	.16809	.50206
%RSD	2.2342	.2685	4.4628	10.297	.51695

#1	.08137	4.519	-.06105	-1.5136	-97.474
#2	.08398	4.502	-.06503	-1.7513	-96.764

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2866.8	63534.	4699.9	87.589	3154.1
Stddev	8.5	5.	12.0	1.298	.2
%RSD	.29774	.00811	.25622	1.4817	.00592

#1	2860.8	63538.	4691.3	88.506	3154.3
#2	2872.9	63530.	4708.4	86.671	3154.0

Sample Name: J6357-01 Acquired: 12/14/2018 14:40:32 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03371	-.00676	.09063	.00766	.00107	24.693	.08024
Stddev	.00124	.00008	.00096	.00031	.00188	.150	.00109
%RSD	3.6823	1.2462	1.0550	4.0394	176.41	.60604	1.3540

#1	.03459	-.00682	.08995	.00788	-.00026	24.587	.07947
#2	.03283	-.00671	.09130	.00744	.00240	24.799	.08101

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	-.00045	130.26	.09810	.03485	.06191	79.727
Stddev	.00002	.00006	.63	.00002	.00005	.00075	.515
%RSD	1.0489	13.902	.48284	.02457	.15537	1.2131	.64550

#1	.00235	-.00049	129.81	.09812	.03481	.06138	79.363
#2	.00239	-.00040	130.70	.09809	.03489	.06244	80.091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4092	33.664	.24947	.00360	1.2834	.11348	.24457
Stddev	.0022	.015	.00176	.00025	.0062	.00049	.00021
%RSD	.15417	.04398	.70588	6.9615	.47947	.43542	.08630

#1	1.4077	33.674	.24822	.00342	1.2790	.11383	.24442
#2	1.4107	33.654	.25071	.00377	1.2877	.11313	.24472

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1377	.00027	.04401	1.1485	.89159	.01053	.70894
Stddev	.0365	.00028	.00171	.0082	.01068	.00175	.00752
%RSD	.44797	101.81	3.8803	.71523	1.1979	16.578	1.0612

#1	8.1119	.00008	.04280	1.1427	.89914	.01177	.70362
#2	8.1634	.00047	.04522	1.1544	.88404	.00930	.71426

Sample Name: J6357-01 Acquired: 12/14/2018 14:40:32 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05241	3.046	.19785	1.5486	F<.00000
Stddev	.00069	.026	.00174	.2235	.53387
%RSD	1.3072	.8657	.88007	14.433	3.9158

#1	.05193	3.028	.19662	1.3906	-13.256
#2	.05290	3.065	.19908	1.7066	-14.011

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2626.2	58101.	4224.2	86.441	3160.3
Stddev	23.4	9.	1.2	.202	29.4
%RSD	.89062	.01500	.02955	.23311	.93019

#1	2642.7	58108.	4223.3	86.583	3181.1
#2	2609.7	58095.	4225.1	86.298	3139.5

Sample Name: J6357-01DUP Acquired: 12/14/2018 14:44:30 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01ADUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03391	-.00611	.08722	.00822	-.00049	25.264	.07813
Stddev	.00085	.00024	.00016	.00011	.00138	.860	.00032
%RSD	2.5052	3.8692	.18775	1.3582	282.28	3.4043	.40361

#1	.03331	-.00594	.08710	.00830	-.00147	24.655	.07791
#2	.03451	-.00628	.08733	.00814	.00049	25.872	.07836

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00236	-.00023	129.05	.10036	.03516	.06344	78.381
Stddev	.00004	.00006	.18	.00365	.00040	.00031	.302
%RSD	1.9007	28.519	.13674	3.6415	1.1308	.48657	.38536

#1	.00233	-.00018	128.93	.09778	.03545	.06322	78.167
#2	.00240	-.00027	129.18	.10294	.03488	.06366	78.594

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4409	33.017	.25045	.00334	1.2632	.11520	.24135
Stddev	.0448	.357	.00128	.00004	.0290	.00444	.00378
%RSD	3.1111	1.0823	.51062	1.3400	2.2949	3.8563	1.5671

#1	1.4092	33.270	.24955	.00337	1.2837	.11206	.24403
#2	1.4726	32.764	.25136	.00331	1.2427	.11834	.23868

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0456	-.00006	.04801	1.1490	.87167	.01033	.70481
Stddev	.0899	.00019	.00589	.0003	.00352	.00024	.00085
%RSD	1.1177	304.70	12.272	.02660	.40363	2.3351	.12084

#1	8.1092	.00007	.05217	1.1488	.87416	.01050	.70541
#2	7.9820	-.00019	.04384	1.1492	.86919	.01016	.70421

Sample Name: J6357-01DUP Acquired: 12/14/2018 14:44:30 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01ADUP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05355	3.060	.19739	2.2314	F<.00000
Stddev	.00026	.005	.00090	.5429	.67692
%RSD	.48882	.1501	.45785	24.328	4.8850

#1	.05336	3.057	.19803	1.8476	-13.378
#2	.05373	3.064	.19675	2.6153	-14.336

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2607.2	56872.	4255.1	87.978	3154.5
Stddev	25.1	1479.	49.3	.679	13.2
%RSD	.96195	2.6009	1.1581	.77164	.41983

#1	2624.9	57917.	4220.3	87.498	3163.9
#2	2589.4	55826.	4290.0	88.458	3145.2

Sample Name: CCV02 Acquired: 12/14/2018 14:48:26 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	4.9329	4.9816	4.9202	4.9208	4.8838	9.6738	9.8291	.24503
Stddev	.0035	.0042	.0031	.0077	.0160	.0742	.0201	.00085
%RSD	.07157	.08379	.06203	.15612	.32715	.76750	.20411	.34755
#1	4.9304	4.9786	4.9180	4.9263	4.8951	9.7263	9.8149	.24442
#2	4.9354	4.9845	4.9224	4.9154	4.8725	9.6213	9.8433	.24563
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4278	25.178	1.0177	2.4363	1.2433	5.0601	2.5011	25.082
Stddev	.0014	.070	.0025	.0012	.0012	.0984	.0003	.190
%RSD	.05598	.27797	.24324	.05091	.09307	1.9451	.01022	.75617
#1	2.4268	25.227	1.0194	2.4354	1.2441	4.9905	2.5009	24.948
#2	2.4287	25.128	1.0159	2.4371	1.2425	5.1297	2.5013	25.216
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4545	1.2764	24.301	2.4693	2.5150	24.797	4.9479	4.9587
Stddev	.0045	.0002	.093	.0022	.0565	.089	.0056	.0047
%RSD	.18116	.01641	.38372	.08791	2.2450	.35759	.11349	.09541
#1	2.4514	1.2763	24.235	2.4678	2.4751	24.734	4.9519	4.9620
#2	2.4576	1.2766	24.367	2.4708	2.5549	24.860	4.9439	4.9553
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8759	5.0307	4.9614	4.9909	4.7572	4.901	4.9242	F 3.9931
Stddev	.0017	.0281	.0101	.0233	.0138	.004	.0094	.0605
%RSD	.03449	.55818	.20327	.46659	.28928	.0777	.19105	1.5158
#1	4.8747	5.0108	4.9542	5.0073	4.7475	4.899	4.9176	4.0359
#2	4.8771	5.0505	4.9685	4.9744	4.7669	4.904	4.9309	3.9503

Sample Name: CCV02 Acquired: 12/14/2018 14:48:26 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5883
Stddev .5060
%RSD 19.550

#1 2.2305
#2 2.9461

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2523.5	55217.	4063.3	86.750	3123.9
Stddev	8.6	163.	3.6	1.756	4.0
%RSD	.34250	.29547	.08908	2.0238	.12761

#1	2517.4	55102.	4065.8	87.992	3121.1
#2	2529.6	55333.	4060.7	85.509	3126.7

Sample Name: CCB02 Acquired: 12/14/2018 15:12:36 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00105	-.00169	F .00416	-.00032	-.00037	.01178	-.00010
Stddev	.00172	.00002	.00116	.00043	.00113	.00128	.00100
%RSD	163.24	1.2476	27.975	134.37	306.63	10.875	1025.0

#1	.00016	-.00170	.00499	-.00002	.00043	.01087	.00061
#2	-.00227	-.00167	.00334	-.00062	-.00117	.01268	-.00081

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00001	.00534	.00049	.00005	.00039	.00101
Stddev	.00005	.00002	.00300	.00034	.00000	.00012	.00132
%RSD	11761.	162.60	56.216	68.890	1.4997	29.968	130.96

#1	.00004	-.00003	.00322	.00025	.00005	.00048	.00007
#2	-.00004	.00000	.00746	.00073	.00006	.00031	.00194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.04031	.00007	.00026	-.00143	-.00008	-.00006
Stddev	.00000	.00825	.00033	.00003	.00082	.00008	.00007
%RSD	1.0862	20.466	442.95	9.6871	57.283	102.58	111.59

#1	.00015	-.04614	-.00016	.00028	-.00085	-.00013	-.00001
#2	.00015	-.03447	.00031	.00025	-.00201	-.00002	-.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05141	-.00031	-.01443	-.00298	.00127	-.00027	-.00029
Stddev	.00202	.00005	.00163	.00134	.00117	.00037	.00079
%RSD	3.9335	17.413	11.279	45.017	91.978	136.46	266.51

#1	.05284	-.00035	-.01558	-.00393	.00209	-.00053	.00026
#2	.04998	-.00028	-.01328	-.00203	.00044	-.00001	-.00085

Sample Name: CCB02 Acquired: 12/14/2018 15:12:36 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00329	-.0008	.00013	F 1.6537	F<.00000
Stddev	.00146	.0005	.00004	.0710	.86243
%RSD	44.513	71.54	32.601	4.2948	133.60

#1	-.00432	-.0011	.00017	1.6035	-.03572
#2	-.00225	-.0004	.00010	1.7039	-1.2554

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2672.3	58869.	4097.8	92.875	3611.1
Stddev	9.7	137.	6.9	.825	30.0
%RSD	.36345	.23256	.16950	.88825	.83121

#1	2665.4	58772.	4092.9	92.292	3589.9
#2	2679.1	58966.	4102.7	93.458	3632.3

Sample Name: J6350-01 Acquired: 12/14/2018 15:16:41 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00369	-.00565	.00743	.00324	.00859	1.4388	.08172	.00000
Stddev	.00031	.00098	.00039	.00041	.00035	.0016	.00033	.00001
%RSD	8.4104	17.371	5.1991	12.713	4.0209	.11373	.40964	354.12
#1	.00391	-.00635	.00715	.00295	.00883	1.4399	.08148	-.00001
#2	.00347	-.00496	.00770	.00354	.00834	1.4376	.08196	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	63.640	.02425	.00110	.01089	.66781	.08925	23.114
Stddev	.00012	.043	.00027	.00014	.00031	.00517	.00054	.011
%RSD	85.151	.06687	1.1248	13.106	2.8024	.77433	.60163	.04610
#1	-.00023	63.670	.02445	.00121	.01068	.67147	.08963	23.106
#2	-.00006	63.610	.02406	.00100	.01111	.66416	.08887	23.122
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00752	-.00004	328.63	.02532	.01919	101.79	.09995	.29673
Stddev	.00020	.00053	1.10	.00025	.00015	.24	.00010	.00488
%RSD	2.6476	1396.8	.33502	.98196	.79640	.23310	.09920	1.6430
#1	.00766	-.00041	329.41	.02549	.01930	101.96	.09988	.30017
#2	.00737	.00033	327.85	.02514	.01908	101.62	.10002	.29328
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 47.048	F 16.112	-.01624	.01010	.04327	.0443	.83174	4.4157
Stddev	.098	.024	.00004	.00032	.00048	.0008	.00224	.1325
%RSD	.20827	.15023	.21557	3.1311	1.0989	1.698	.26949	3.0015
#1	47.118	16.095	-.01626	.00987	.04294	.0437	.83332	4.5094
#2	46.979	16.129	-.01621	.01032	.04361	.0448	.83015	4.3220

Sample Name: J6350-01 Acquired: 12/14/2018 15:16:41 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.1506
Stddev	.0439
%RSD	2.0390

#1	2.1816
#2	2.1196

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2448.8	52997.	4040.6	88.516	3059.2
Stddev	12.6	309.	10.0	.588	11.4
%RSD	.51512	.58296	.24647	.66451	.37342

#1	2439.9	52778.	4033.6	88.100	3051.1
#2	2457.8	53215.	4047.7	88.932	3067.3

Sample Name: J6214-55 Acquired: 12/14/2018 15:20:49 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.00345	.39101	.01857	.00412	11.288	.78044	.00070
Stddev	.00183	.00102	.01257	.00195	.00172	.052	.00018	.00004
%RSD	46.488	29.690	3.2151	10.523	41.748	.46494	.02271	5.7556
#1	.00264	-.00417	.39990	.01719	.00290	11.325	.78056	.00067
#2	.00522	-.00272	.38212	.01995	.00534	11.251	.78031	.00073
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00501	204.17	.03753	.01611	.22768	43.095	2.0169	52.999
Stddev	.00038	.95	.00123	.00037	.00584	.341	.0008	.022
%RSD	7.6452	.46739	3.2843	2.2938	2.5657	.79020	.04146	.04216
#1	.00528	204.84	.03840	.01637	.23181	43.336	2.0175	53.015
#2	.00474	203.49	.03666	.01585	.22355	42.855	2.0164	52.983
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04539	.00212	910.95	.04524	1.1868	24.437	.00857	.10486
Stddev	.00044	.00037	3.46	.00061	.0046	.001	.00048	.01729
%RSD	.96187	17.349	.38004	1.3526	.39086	.00444	5.5693	16.487
#1	.04570	.00186	908.50	.04481	1.1901	24.436	.00891	.09263
#2	.04508	.00238	913.39	.04567	1.1836	24.438	.00823	.11708
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 47.424	F 18.734	-.01176	.56459	.02389	4.917	.89245	4.9190
Stddev	1.340	.080	.00059	.00135	.00012	.143	.00227	.0899
%RSD	2.8253	.42865	5.0243	.23933	.49648	2.909	.25490	1.8280
#1	48.371	18.677	-.01218	.56555	.02398	5.018	.89406	4.8555
#2	46.476	18.791	-.01134	.56364	.02381	4.815	.89084	4.9826

Sample Name: J6214-55 Acquired: 12/14/2018 15:20:49 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.6690
Stddev	.0637
%RSD	1.1239

#1	5.6239
#2	5.7140

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2425.4	51582.	4146.8	85.203	2839.0
Stddev	57.2	44.	14.6	.169	73.6
%RSD	2.3579	.08611	.35166	.19858	2.5932

#1	2385.0	51551.	4157.1	85.083	2786.9
#2	2465.8	51614.	4136.5	85.323	2891.0

Sample Name: J6295-01 Acquired: 12/14/2018 15:24:51 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00183	-.00293	.00277	.00016	.00543	.15634	.04003	.00005
Stddev	.00159	.00038	.00001	.00342	.00050	.01406	.00077	.00004
%RSD	87.274	12.916	.51099	2203.0	9.2573	8.9902	1.9357	73.134

#1	.00070	-.00320	.00276	.00258	.00578	.16628	.03948	.00008
#2	.00295	-.00266	.00278	-.00227	.00507	.14640	.04057	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	30.630	.00603	.00232	.02698	5.8506	.11166	2.2797
Stddev	.00004	.023	.00011	.00001	.00043	.0858	.00046	.0066
%RSD	126.59	.07569	1.8499	.30059	1.5967	1.4664	.40952	.29033

#1	.00006	30.614	.00595	.00232	.02728	5.7899	.11198	2.2750
#2	.00000	30.646	.00611	.00233	.02667	5.9112	.11134	2.2844

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07533	-.00049	5.1681	.00101	.09863	5.4477	.00351	.04157
Stddev	.00034	.00010	.0186	.00055	.00153	.0102	.00020	.00704
%RSD	.45266	20.541	.36066	54.113	1.5531	.18672	5.6079	16.925

#1	.07557	-.00042	5.1813	.00140	.09755	5.4549	.00365	.03659
#2	.07509	-.00056	5.1550	.00062	.09971	5.4405	.00337	.04654

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6808	4.1619	-.00187	.00305	.00245	.1021	.47538	1.3712
Stddev	.0041	.0209	.00005	.00043	.00201	.0007	.00130	.2575
%RSD	.15150	.50320	2.7811	13.965	82.094	.6544	.27392	18.780

#1	2.6780	4.1767	-.00190	.00335	.00103	.1016	.47446	1.1891
#2	2.6837	4.1470	-.00183	.00275	.00387	.1026	.47630	1.5532

Sample Name: J6295-01 Acquired: 12/14/2018 15:24:51 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .75304
Stddev .30794
%RSD 40.893

#1 .97079
#2 .53529

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2693.4	59846.	4367.9	94.972	3640.9
Stddev	6.6	37.	4.9	1.037	1.1
%RSD	.24472	.06113	.11302	1.0925	.03086

#1	2698.1	59820.	4371.4	95.705	3640.1
#2	2688.7	59871.	4364.4	94.238	3641.7

Sample Name: J6295-01DUP Acquired: 12/14/2018 15:28:54 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00534	-.00230	.00211	.00031	.00559	.16533	.04053	.00008
Stddev	.00010	.00040	.00007	.00010	.00057	.00466	.00082	.00002
%RSD	1.8716	17.345	3.2597	32.816	10.279	2.8185	2.0177	27.149

#1	.00541	-.00202	.00206	.00024	.00519	.16862	.04111	.00010
#2	.00527	-.00259	.00215	.00038	.00600	.16203	.03995	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	30.701	.00556	.00224	.02727	5.6852	.11108	2.3055
Stddev	.00006	.121	.00000	.00004	.00005	.0352	.00040	.0177
%RSD	75.586	.39485	.01223	1.7713	.19713	.61874	.36030	.76716

#1	-.00004	30.786	.00556	.00222	.02723	5.6603	.11080	2.3180
#2	-.00012	30.615	.00556	.00227	.02730	5.7100	.11137	2.2929

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07536	-.00002	5.0406	.00036	.09580	5.4043	.00362	.03101
Stddev	.00059	.00032	.0188	.00044	.00090	.0047	.00017	.00402
%RSD	.77927	1297.3	.37316	121.73	.94039	.08712	4.7129	12.978

#1	.07494	.00020	5.0273	.00068	.09516	5.4010	.00374	.02816
#2	.07577	-.00025	5.0539	.00005	.09643	5.4076	.00350	.03385

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6944	4.1488	-.00149	.00467	.00133	.1022	.47503	1.5564
Stddev	.0041	.0059	.00008	.00156	.00132	.0004	.00253	.2246
%RSD	.15351	.14092	5.5075	33.445	99.238	.3932	.53262	14.434

#1	2.6915	4.1529	-.00154	.00356	.00227	.1025	.47324	1.7152
#2	2.6973	4.1446	-.00143	.00577	.00040	.1020	.47682	1.3975

Sample Name: J6295-01DUP Acquired: 12/14/2018 15:28:54 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0416
Stddev .1144
%RSD 10.982

#1 1.1225
#2 .96076

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2688.3	59798.	4354.8	97.358	3618.5
Stddev	11.5	175.	18.6	.639	6.8
%RSD	.42680	.29238	.42667	.65670	.18885

#1	2696.4	59675.	4341.6	97.810	3613.7
#2	2680.2	59922.	4367.9	96.906	3623.3

Sample Name: J6295-01LX5 Acquired: 12/14/2018 15:32:56 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.00163	.00387	.00017	.00067	.04318	.00874	-.00002
Stddev	.00060	.00122	.00158	.00389	.00103	.00014	.00010	.00002
%RSD	85.784	75.016	40.753	2304.0	153.01	.32520	1.0950	89.459

#1	.00028	-.00076	.00499	.00292	-.00005	.04328	.00867	-.00003
#2	.00113	-.00249	.00276	-.00258	.00140	.04308	.00881	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	6.3858	.00134	.00028	.00572	1.2016	.02294	.50069
Stddev	.00001	.0410	.00027	.00008	.00020	.0085	.00031	.01514
%RSD	104.82	.64125	20.200	29.367	3.4849	.70646	1.3657	3.0241

#1	-.00002	6.4147	.00115	.00034	.00558	1.2076	.02272	.51140
#2	-.00000	6.3568	.00153	.00022	.00586	1.1956	.02317	.48998

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01556	-.00010	1.1472	-.00006	.02082	1.1891	.00059	.00686
Stddev	.00011	.00031	.0045	.00003	.00042	.0418	.00017	.00864
%RSD	.70877	317.82	.39314	53.653	2.0055	3.5147	29.306	125.80

#1	.01564	-.00031	1.1504	-.00004	.02111	1.1595	.00047	.01297
#2	.01549	.00012	1.1440	-.00009	.02052	1.2186	.00071	.00076

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53766	.86466	-.00147	.00089	.00114	.0207	.09971	1.7575
Stddev	.00237	.00351	.00006	.00153	.00032	.0003	.00018	.0445
%RSD	.44096	.40601	4.0678	171.68	28.523	1.294	.17962	2.5328

#1	.53599	.86218	-.00151	.00198	.00137	.0205	.09983	1.7260
#2	.53934	.86714	-.00143	-.00019	.00091	.0209	.09958	1.7890

Sample Name: J6295-01LX5 Acquired: 12/14/2018 15:32:56 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.41962
%RSD	222.27

#1	.10793
#2	-.48551

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2657.2	59090.	4171.0	91.650	3614.6
Stddev	1.8	142.	21.3	1.320	1.8
%RSD	.06847	.24070	.51106	1.4402	.04875

#1	2655.9	59191.	4155.9	90.717	3615.8
#2	2658.5	58989.	4186.1	92.583	3613.3

Sample Name: J6295-01MS Acquired: 12/14/2018 15:36:58 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70918	1.7479	.84811	1.7647	.71048	2.0100	.22033
Stddev	.00414	.0016	.00172	.0017	.00518	.0161	.00017
%RSD	.58401	.09056	.20264	.09539	.72865	.79886	.07905

#1	.71211	1.7468	.84689	1.7659	.71414	2.0214	.22045
#2	.70625	1.7490	.84932	1.7635	.70682	1.9987	.22021

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17920	.16539	31.225	.37896	.17285	.30863	8.2067
Stddev	.00021	.00032	.041	.00243	.00079	.00111	.1494
%RSD	.11928	.19173	.13250	.64195	.45880	.35885	1.8206

#1	.17935	.16517	31.195	.37724	.17229	.30942	8.3123
#2	.17905	.16562	31.254	.38068	.17341	.30785	8.1010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29125	4.2248	.50024	.06691	7.5799	.27313	.30255
Stddev	.00030	.0021	.00162	.00013	.0009	.00098	.00482
%RSD	.10231	.04892	.32309	.19359	.01218	.35976	1.5917

#1	.29146	4.2263	.49909	.06700	7.5792	.27383	.30595
#2	.29104	4.2234	.50138	.06682	7.5805	.27244	.29914

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.175	.35542	.29826	2.6295	4.8883	.57295	.17818
Stddev	.038	.00100	.00400	.0011	.0126	.00361	.00105
%RSD	.26627	.28042	1.3417	.04190	.25736	.63054	.58889

#1	14.148	.35613	.29543	2.6287	4.8794	.57040	.17892
#2	14.201	.35472	.30109	2.6302	4.8972	.57551	.17744

Sample Name: J6295-01MS Acquired: 12/14/2018 15:36:58 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17479	4.856	.63722	1.6325	F<.00000
Stddev	.00108	.002	.00217	.1249	.54454
%RSD	.62055	.0442	.34084	7.6528	13.352

#1	.17556	4.855	.63568	1.7209	-3.6932
#2	.17402	4.858	.63875	1.5442	-4.4633

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2663.0	59231.	4297.8	96.805	3550.2
Stddev	6.8	7.	3.9	1.545	2.9
%RSD	.25657	.01231	.09171	1.5961	.08102

#1	2658.2	59226.	4300.6	95.712	3552.3
#2	2667.8	59236.	4295.0	97.897	3548.2

Sample Name: J6295-01MSD Acquired: 12/14/2018 15:40:45 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70626	1.7455	.84880	1.7559	.70808	1.9981	.22208
Stddev	.00307	.0076	.00094	.0053	.00082	.0092	.00017
%RSD	.43535	.43373	.11024	.30166	.11540	.46101	.07478

#1	.70408	1.7508	.84946	1.7522	.70750	1.9916	.22220
#2	.70843	1.7401	.84814	1.7597	.70866	2.0046	.22196

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17910	.16576	31.036	.37550	.17303	.30728	8.0560
Stddev	.00011	.00026	.077	.00011	.00027	.00099	.1180
%RSD	.05880	.15392	.24931	.02803	.15329	.32263	1.4642

#1	.17902	.16558	30.981	.37558	.17284	.30658	8.1394
#2	.17917	.16594	31.091	.37543	.17322	.30798	7.9726

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29061	4.2331	.50047	.06687	7.5872	.27309	.29813
Stddev	.00049	.0795	.00157	.00029	.0366	.00036	.00679
%RSD	.16828	1.8783	.31324	.43508	.48236	.13172	2.2766

#1	.29027	4.1769	.50158	.06707	7.6130	.27284	.30293
#2	.29096	4.2893	.49936	.06666	7.5613	.27335	.29333

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.284	.35460	.29990	2.6321	4.8771	.57198	.17567
Stddev	.057	.00092	.00889	.0110	.0202	.00155	.00178
%RSD	.39857	.25998	2.9646	.41870	.41314	.27021	1.0134

#1	14.324	.35395	.29361	2.6399	4.8913	.57307	.17692
#2	14.243	.35526	.30618	2.6243	4.8629	.57088	.17441

Sample Name: J6295-01MSD Acquired: 12/14/2018 15:40:45 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17569	4.854	.63557	1.6060	F<.00000
Stddev	.00070	.013	.00110	.0993	.39786
%RSD	.39771	.2592	.17375	6.1841	12.133

#1	.17519	4.863	.63636	1.6762	-3.5606
#2	.17618	4.845	.63479	1.5357	-2.9979

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2667.2	59333.	4275.9	98.024	3540.3
Stddev	15.3	14.	12.1	2.033	1.3
%RSD	.57541	.02358	.28318	2.0739	.03587

#1	2678.1	59343.	4267.3	96.586	3541.2
#2	2656.4	59323.	4284.5	99.461	3539.4

Sample Name: J6295-01A Acquired: 12/14/2018 15:44:33 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70654	1.7317	.84481	1.7618	.70997	2.0871	.22050
Stddev	.00617	.0046	.00050	.0148	.00648	.1317	.00096
%RSD	.87298	.26866	.05938	.84050	.91314	6.3099	.43605

#1	.71090	1.7349	.84517	1.7723	.71456	1.9940	.22118
#2	.70218	1.7284	.84446	1.7514	.70539	2.1803	.21982

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18772	.16440	31.042	.39335	.17186	.30757	8.1602
Stddev	.01264	.00069	.022	.02405	.00060	.00201	.0624
%RSD	6.7315	.42090	.07239	6.1136	.35026	.65479	.76441

#1	.17879	.16489	31.058	.37635	.17228	.30900	8.1161
#2	.19666	.16391	31.026	.41036	.17143	.30615	8.2043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30396	4.2621	.49710	.06990	7.5960	.28796	.30181
Stddev	.01990	.0249	.00177	.00419	.0521	.01705	.00056
%RSD	6.5463	.58404	.35594	5.9985	.68601	5.9193	.18563

#1	.28989	4.2797	.49836	.06693	7.6329	.27591	.30221
#2	.31803	4.2445	.49585	.07286	7.5592	.30001	.30142

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.196	.35489	.30059	2.6194	4.9127	.56762	.17663
Stddev	.142	.00403	.00778	.0010	.0077	.00186	.00129
%RSD	.99978	1.1356	2.5869	.03868	.15667	.32747	.73263

#1	14.297	.35774	.30609	2.6201	4.9073	.56893	.17572
#2	14.096	.35204	.29509	2.6187	4.9182	.56630	.17755

Sample Name: J6295-01A Acquired: 12/14/2018 15:44:33 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17610	4.821	.63508	2.3641	F<.00000
Stddev	.00120	.012	.00405	1.4278	.69732
%RSD	.67951	.2400	.63747	60.396	19.291

#1	.17525	4.829	.63795	1.3545	-4.1078
#2	.17694	4.813	.63222	3.3738	-3.1217

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2658.3	57050.	4283.5	96.549	3558.1
Stddev	14.8	3304.	36.2	.145	4.6
%RSD	.55494	5.7912	.84539	.15030	.12995

#1	2647.9	59386.	4257.8	96.651	3561.4
#2	2668.7	54714.	4309.1	96.446	3554.9

Sample Name: J6295-02 Acquired: 12/14/2018 15:48:20 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	-.00347	.00522	-.00374	-.00310	.05031	-.00004	-.00005
Stddev	.00060	.00047	.00039	.00402	.00163	.00195	.00043	.00001
%RSD	75.804	13.551	7.4731	107.53	52.421	3.8694	1020.2	27.955
#1	.00122	-.00313	.00549	-.00658	-.00195	.04893	.00026	-.00005
#2	.00037	-.00380	.00494	-.00090	-.00425	.05168	-.00034	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	374.85	.00514	.00035	.00565	.00502	.01919	1.1359
Stddev	.00008	2.04	.00001	.00031	.00051	.00015	.00005	.0032
%RSD	115.49	.54406	.19740	89.897	8.9646	2.9124	.26209	.28448
#1	-.00001	376.30	.00515	.00057	.00529	.00512	.01923	1.1336
#2	-.00013	373.41	.00513	.00013	.00601	.00491	.01916	1.1381
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02921	-.00061	7.3552	.00038	.07226	1.6958	.00013	.00262
Stddev	.00015	.00007	.0251	.00004	.00086	.0244	.00030	.00077
%RSD	.52310	12.169	.34192	10.375	1.1957	1.4380	235.28	29.382
#1	.02910	-.00055	7.3729	.00040	.07287	1.7130	-.00009	.00316
#2	.02931	-.00066	7.3374	.00035	.07165	1.6786	.00034	.00208
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 269.15	.74476	-.10136	-.00591	.01338	.0294	.06470	2.9852
Stddev	.21	.00890	.00034	.00049	.00141	.0024	.00005	.2001
%RSD	.07846	1.1948	.33285	8.2945	10.538	8.124	.07610	6.7047
#1	269.00	.75106	-.10160	-.00556	.01438	.0310	.06473	3.1267
#2	269.30	.73847	-.10112	-.00626	.01239	.0277	.06466	2.8437

Sample Name: J6295-02 Acquired: 12/14/2018 15:48:20 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.0430
Stddev .5067
%RSD 12.532

#1 4.4013
#2 3.6847

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2525.9	56134.	4249.5	94.236	3246.2
Stddev	3.5	239.	40.1	.651	4.1
%RSD	.14024	.42504	.94476	.69126	.12781

#1	2523.4	55965.	4221.1	93.775	3249.1
#2	2528.4	56303.	4277.9	94.696	3243.2

Sample Name: J6312-01 Acquired: 12/14/2018 15:52:20 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	-.00183	.00436	.00099	.00108	.09962	.00620	.00002
Stddev	.00081	.00061	.00232	.00403	.00092	.00226	.00028	.00000
%RSD	319.41	33.546	53.118	408.22	85.560	2.2676	4.5402	12.675
#1	.00032	-.00140	.00272	-.00186	.00043	.10122	.00640	.00002
#2	-.00083	-.00227	.00600	.00383	.00173	.09803	.00600	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	12.291	.00057	-.00017	.12166	.02096	.01046	3.3799
Stddev	.00009	.037	.00021	.00044	.00230	.00687	.00001	.0206
%RSD	107.78	.30059	36.296	251.22	1.8864	32.768	.05312	.60887
#1	.00014	12.317	.00072	-.00048	.12004	.02582	.01045	3.3945
#2	.00002	12.265	.00042	.00014	.12328	.01611	.01046	3.3654
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00149	-.00009	738.58	.00020	.08934	123.92	.00059	.31105
Stddev	.00042	.00001	8.18	.00002	.00292	.40	.00022	.00603
%RSD	28.148	14.447	1.1077	12.269	3.2702	.32184	37.648	1.9395
#1	.00179	-.00010	744.37	.00018	.09140	123.63	.00075	.31532
#2	.00119	-.00008	732.80	.00022	.08727	124.20	.00043	.30678
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 31.517	2.6091	-.01180	.00034	-.00241	F 11.99	.03780	4.3648
Stddev	.737	.0187	.00091	.00020	.00163	.26	.00017	.0629
%RSD	2.3370	.71546	7.7004	59.545	67.591	2.182	.44088	1.4408
#1	30.996	2.6223	-.01115	.00020	-.00356	11.81	.03768	4.4092
#2	32.038	2.5959	-.01244	.00049	-.00126	12.18	.03791	4.3203

Sample Name: J6312-01 Acquired: 12/14/2018 15:52:20 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9960
Stddev .0691
%RSD 2.3061

#1 3.0449
#2 2.9472

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2460.3	52516.	4229.7	94.539	2991.4
Stddev	45.6	17.	23.4	3.238	63.0
%RSD	1.8547	.03243	.55311	3.4247	2.1047

#1	2492.6	52529.	4213.1	92.249	3035.9
#2	2428.0	52504.	4246.2	96.828	2946.8

Sample Name: CCV03 Acquired: 12/14/2018 15:56:25 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	4.7872	4.7932	4.7497	4.7950	4.7882	9.4488	9.6565	.23742
Stddev	.0131	.0091	.0059	.0169	.0132	.0181	.0176	.00027
%RSD	.27380	.19000	.12481	.35235	.27609	.19110	.18191	.11321
#1	4.7965	4.7996	4.7539	4.8070	4.7976	9.4615	9.6441	.23761
#2	4.7779	4.7868	4.7455	4.7831	4.7789	9.4360	9.6689	.23723
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3598	24.628	.97309	2.3597	1.2089	4.8026	2.4274	24.381
Stddev	.0013	.040	.00081	.0043	.0030	.0912	.0015	.048
%RSD	.05669	.16039	.08319	.18197	.24705	1.8986	.06142	.19491
#1	2.3608	24.600	.97252	2.3627	1.2110	4.7381	2.4263	24.415
#2	2.3589	24.656	.97366	2.3567	1.2068	4.8670	2.4284	24.348
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3695	1.2147	24.170	2.3871	2.4142	24.355	4.8148	4.8065
Stddev	.0031	.0017	.046	.0014	.0330	.077	.0093	.0334
%RSD	.13224	.13666	.18893	.05748	1.3665	.31639	.19392	.69447
#1	2.3717	1.2135	24.138	2.3881	2.3909	24.301	4.8214	4.7829
#2	2.3673	1.2159	24.202	2.3861	2.4376	24.410	4.8082	4.8301
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7019	4.8294	4.7420	4.8392	4.7168	4.712	4.8183	F 3.0922
Stddev	.0080	.0287	.0139	.0132	.0118	.012	.0169	.0109
%RSD	.16920	.59384	.29238	.27242	.24987	.2563	.35139	.35143
#1	4.7075	4.8091	4.7518	4.8299	4.7085	4.720	4.8064	3.0845
#2	4.6963	4.8496	4.7322	4.8485	4.7251	4.703	4.8303	3.0999

Sample Name: CCV03 Acquired: 12/14/2018 15:56:25 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4840
Stddev .4147
%RSD 16.695

#1 2.1907
#2 2.7772

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2522.3	55962.	4071.4	88.047	3148.3
Stddev	6.1	28.	6.7	1.112	6.7
%RSD	.24210	.04974	.16392	1.2632	.21233

#1	2518.0	55942.	4076.1	88.833	3143.6
#2	2526.6	55982.	4066.7	87.260	3153.1

Sample Name: CCB03 Acquired: 12/14/2018 16:00:10 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	-.00154	F .00488	.00193	.00055	.00022	-.00131	-.00002
Stddev	.00100	.00034	.00057	.00249	.00161	.00680	.00020	.00000
%RSD	234.13	21.924	11.617	129.08	293.34	3033.4	15.294	8.4998

#1	.00114	-.00178	.00448	.00369	-.00059	-.00458	-.00145	-.00001
#2	-.00028	-.00130	.00528	.00017	.00168	.00503	-.00117	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00593	.00086	-.00011	.00007	-.00450	.00016	.01888
Stddev	.00003	.00923	.00028	.00011	.00031	.00225	.00002	.00876
%RSD	44.916	155.68	32.300	103.35	437.63	50.062	15.817	46.390

#1	.00008	-.01246	.00105	-.00019	-.00015	-.00291	.00014	.01268
#2	.00004	.00060	.00066	-.00003	.00029	-.00610	.00017	.02507

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00019	.12155	-.00030	.00018	.16982	.00019	-.00144
Stddev	.00011	.00051	.00521	.00018	.00008	.00283	.00009	.00729
%RSD	38.672	266.30	4.2905	59.836	45.977	1.6672	47.770	507.00

#1	.00035	-.00055	.11786	-.00017	.00024	.17183	.00013	.00372
#2	.00020	.00017	.12523	-.00043	.00012	.16782	.00025	-.00660

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01707	-.00048	.00020	.00017	.00105	-.0000	.00002	F 1.3464
Stddev	.00073	.00022	.00005	.00129	.00107	.0001	.00001	.1839
%RSD	4.2805	46.862	25.459	769.48	102.26	488.4	48.198	13.658

#1	.01655	-.00064	.00017	.00108	.00029	.0000	.00003	1.4765
#2	.01758	-.00032	.00024	-.00075	.00181	-.0001	.00001	1.2164

Sample Name: CCB03 Acquired: 12/14/2018 16:00:10 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .15645
Stddev	.38036
%RSD	243.12

#1	.42540
#2	-.11251

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2662.3	59104.	4158.1	92.067	3610.7
Stddev	4.9	177.	15.0	.860	5.3
%RSD	.18288	.29888	.36129	.93445	.14695

#1	2665.7	58979.	4147.4	91.458	3614.4
#2	2658.8	59229.	4168.7	92.675	3606.9

Sample Name: J6318-01 Acquired: 12/14/2018 16:04:15 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09039	-.00917	1.5164	.01925	.00468	88.677	1.1964
Stddev	.00200	.00084	.0092	.00261	.00060	.229	.0002
%RSD	2.2099	9.1572	.60802	13.554	12.898	.25817	.01981

#1	.09181	-.00857	1.5229	.01741	.00510	88.839	1.1966
#2	.08898	-.00976	1.5099	.02110	.00425	88.515	1.1963

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00679	.00350	69.344	.14725	.10966	.68169	146.69
Stddev	.00000	.00023	.159	.00068	.00055	.00325	.44
%RSD	.03144	6.6710	.22891	.45860	.49896	.47629	.30296

#1	.00679	.00367	69.232	.14678	.11005	.68399	146.38
#2	.00679	.00334	69.456	.14773	.10927	.67940	147.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7543	44.223	.66603	.01008	119.67	.21638	2.2937
Stddev	.0434	.062	.00010	.00009	.13	.00131	.0066
%RSD	1.1560	.14067	.01479	.86504	.10625	.60482	.28762

#1	3.7850	44.267	.66596	.01002	119.58	.21546	2.2983
#2	3.7236	44.179	.66610	.01015	119.76	.21731	2.2890

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.383	.00133	.17817	8.4389	F 76.796	.06495	2.5929
Stddev	.079	.00006	.00862	.0159	.298	.00012	.0067
%RSD	.29952	4.2129	4.8397	.18791	.38854	.17976	.25808

#1	26.327	.00129	.18427	8.4501	76.585	.06503	2.5882
#2	26.438	.00137	.17207	8.4277	77.007	.06487	2.5976

Sample Name: J6318-01 Acquired: 12/14/2018 16:04:15 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07713	5.287	.26053	<.00000	F<.00000
Stddev	.00068	.006	.00143	.24370	1.9553
%RSD	.87803	.1121	.54896	12.910	3.4057

#1	.07761	5.291	.25952	-1.7154	-56.031
#2	.07665	5.283	.26155	-2.0601	-58.796

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2906.9	64485.	4921.6	90.300	3062.6
Stddev	6.7	217.	12.6	.047	4.8
%RSD	.23186	.33608	.25587	.05219	.15590

#1	2911.6	64332.	4930.5	90.333	3066.0
#2	2902.1	64639.	4912.7	90.267	3059.3

Sample Name: J6410-01 Acquired: 12/14/2018 16:08:09 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.15415	-.02340	.20909	.07555	.00664	252.20	.58198	.01030
Stddev	.00208	.00071	.00328	.00233	.00183	.16	.00238	.00002
%RSD	1.3480	3.0425	1.5668	3.0787	27.491	.06525	.40916	.23428

#1	.15268	-.02391	.20677	.07720	.00794	252.09	.58029	.01028
#2	.15562	-.02290	.21141	.07391	.00535	252.32	.58366	.01031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00331	14.512	.26121	.26572	.69606	513.59	7.7956	105.59
Stddev	.00047	.118	.00235	.00105	.00261	8.06	.0410	.77
%RSD	14.111	.81470	.90143	.39373	.37555	1.5695	.52648	.73314

#1	.00298	14.429	.25955	.26498	.69421	519.29	7.7666	105.04
#2	.00364	14.596	.26288	.26646	.69791	507.89	7.8246	106.14

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37024	.02923	1.4957	.59643	1.2863	9.0848	.00055	.15946
Stddev	.00052	.00165	.0096	.00434	.0189	.0068	.00046	.02842
%RSD	.14140	5.6578	.63890	.72804	1.4695	.07513	83.012	17.820

#1	.37061	.03040	1.4890	.59336	1.2996	9.0800	.00088	.17955
#2	.36987	.02806	1.5025	.59950	1.2729	9.0896	.00023	.13936

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91120	9.7022	.01413	4.1633	.24683	F 10.25	-.48312	<.00000
Stddev	.00279	.0584	.00069	.0182	.00122	.01	.00906	.05070
%RSD	.30657	.60204	4.9012	.43704	.49471	.0696	1.8760	.63847

#1	.91318	9.6609	.01462	4.1504	.24769	10.25	-.48953	-7.9045
#2	.90923	9.7435	.01364	4.1762	.24597	10.26	-.47671	-7.9762

Sample Name: J6410-01 Acquired: 12/14/2018 16:08:09 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg ^ *****
Stddev -----
%RSD -----

#1 ^ -----
#2 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2916.3	64842.	4883.9	82.589	2918.6
Stddev	2.7	160.	23.6	1.417	3.7
%RSD	.09261	.24629	.48242	1.7158	.12819
#1	2914.4	64955.	4900.5	81.587	2916.0
#2	2918.2	64729.	4867.2	83.591	2921.3

Sample Name: J6410-02 Acquired: 12/14/2018 16:12:13 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.03616	-.02759	.25206	.09361	.00616	236.19	.57616	.00931
Stddev	.00016	.00299	.00323	.00833	.00083	1.00	.00690	.00015
%RSD	.44963	10.835	1.2801	8.8943	13.402	.42392	1.1978	1.6260

#1	.03627	-.02548	.24978	.09950	.00674	235.48	.58104	.00920
#2	.03604	-.02970	.25434	.08772	.00557	236.90	.57128	.00942

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00559	22.882	.22812	.28948	.69996	601.39	10.442	113.61
Stddev	.00272	.013	.00055	.00155	.00687	20.86	.058	.32
%RSD	48.684	.05483	.24158	.53456	.98123	3.4680	.55755	.28178

#1	.00366	22.890	.22851	.28839	.69510	616.13	10.401	113.84
#2	.00751	22.873	.22773	.29058	.70481	586.64	10.483	113.39

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42579	.03692	1.8598	.46554	1.4649	11.410	.00398	.22780
Stddev	.00150	.00332	.0272	.00022	.0554	.172	.00011	.03369
%RSD	.35283	8.9832	1.4637	.04683	3.7825	1.5064	2.8628	14.788

#1	.42473	.03926	1.8790	.46569	1.5040	11.531	.00406	.25162
#2	.42685	.03457	1.8405	.46538	1.4257	11.288	.00390	.20398

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70957	9.2340	.01500	5.0413	.29076	F 13.77	-.57233	<.00000
Stddev	.01166	.0228	.00018	.0117	.00103	.03	.02247	.19820
%RSD	1.6433	.24726	1.1827	.23284	.35334	.2501	3.9258	1.7348

#1	.71782	9.2501	.01513	5.0496	.29149	13.74	-.58822	-11.565
#2	.70133	9.2178	.01488	5.0330	.29004	13.79	-.55644	-11.285

Sample Name: J6410-02 Acquired: 12/14/2018 16:12:13 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg ^ *****
Stddev -----
%RSD -----

#1 ^ -----
#2 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3083.1	68978.	5167.9	82.351	2868.8
Stddev	1.5	6.	46.5	3.205	2.4
%RSD	.04901	.00862	.90026	3.8912	.08496
#1	3084.2	68982.	5135.0	80.085	2870.5
#2	3082.0	68974.	5200.8	84.616	2867.1

Sample Name: J6410-03 Acquired: 12/14/2018 16:16:17 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.20822	-.02888	1.6151	.07233	.00700	309.21	1.1674	.01074
Stddev	.00475	.00214	.0042	.00192	.00033	.50	.0047	.00007
%RSD	2.2792	7.4263	.25729	2.6535	4.7192	.16207	.40677	.61151

#1	.21158	-.03040	1.6122	.07369	.00724	309.57	1.1708	.01070
#2	.20487	-.02736	1.6181	.07097	.00677	308.86	1.1640	.01079

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01476	356.24	.34692	.25192	.95152	569.11	8.7617	133.56
Stddev	.00012	1.57	.00110	.00030	.00150	2.79	.0154	.86
%RSD	.79151	.44126	.31657	.12033	.15718	.49064	.17598	.64758

#1	.01485	357.35	.34770	.25170	.95047	567.13	8.7508	134.17
#2	.01468	355.12	.34614	.25213	.95258	571.08	8.7726	132.95

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41689	.03221	2.1192	.73167	2.6735	12.556	.00228	.19829
Stddev	.00009	.00045	.0183	.00375	.0062	.023	.00027	.01282
%RSD	.02075	1.4006	.86224	.51284	.22992	.18357	11.627	6.4669

#1	.41683	.03189	2.1322	.73432	2.6691	12.572	.00209	.18922
#2	.41695	.03253	2.1063	.72901	2.6778	12.540	.00247	.20735

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5256	5.0798	.04524	3.8911	.30763	F 22.33	1.3329	<.00000
Stddev	.0251	.1553	.00117	.0059	.00232	.04	.0104	.15099
%RSD	.29481	3.0577	2.5970	.15183	.75481	.1818	.78074	1.7548

#1	8.5434	5.1896	.04607	3.8953	.30927	22.36	1.3403	-8.4976
#2	8.5078	4.9700	.04441	3.8870	.30599	22.30	1.3256	-8.7111

Sample Name: J6410-03 Acquired: 12/14/2018 16:16:17 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg ^ *****
 Stddev -----
 %RSD -----

#1 ^ -----
 #2 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2805.7	63361.	4892.7	80.351	2654.7
Stddev	2.6	199.	25.4	.393	3.3
%RSD	.09174	.31386	.51852	.48941	.12354
#1	2807.5	63220.	4874.8	80.629	2657.0
#2	2803.9	63502.	4910.7	80.073	2652.4

Sample Name: J6410-04 Acquired: 12/14/2018 16:20:20 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.04759	-.02222	.32882	.08195	.00494	297.31	.63134	.01061
Stddev	.00049	.00177	.00057	.00043	.00009	.32	.00081	.00007
%RSD	1.0245	7.9521	.17254	.52976	1.8214	.10803	.12907	.65527

#1	.04793	-.02347	.32842	.08226	.00488	297.08	.63191	.01066
#2	.04725	-.02097	.32922	.08164	.00500	297.54	.63076	.01056

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00612	16.162	.28359	.22659	.40928	583.55	11.811	135.74
Stddev	.00005	.058	.00205	.00078	.00199	1.12	.035	.31
%RSD	.84013	.35587	.72333	.34342	.48613	.19197	.29444	.22827

#1	.00616	16.122	.28214	.22604	.40787	584.34	11.787	135.96
#2	.00609	16.203	.28504	.22714	.41069	582.75	11.836	135.52

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46052	.03166	1.3484	.43655	1.4818	10.271	-.00083	.17229
Stddev	.00160	.00006	.0144	.00015	.0069	.023	.00006	.01168
%RSD	.34806	.20144	1.0665	.03425	.46913	.22579	6.6739	6.7821

#1	.45938	.03162	1.3585	.43665	1.4867	10.255	-.00087	.16403
#2	.46165	.03171	1.3382	.43644	1.4769	10.288	-.00079	.18055

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89594	7.6810	.01427	2.2811	.38696	F 10.37	-.55500	<.00000
Stddev	.00735	.0639	.00173	.0122	.00233	.04	.00083	.30839
%RSD	.82064	.83146	12.112	.53568	.60126	.3732	.14869	3.1802

#1	.90114	7.7262	.01304	2.2897	.38860	10.40	-.55559	-9.4792
#2	.89074	7.6359	.01549	2.2725	.38531	10.34	-.55442	-9.9153

Sample Name: J6410-04 Acquired: 12/14/2018 16:20:20 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg ^ *****
Stddev -----
%RSD -----

#1 ^ -----
#2 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2940.0	65317.	4914.1	82.672	2865.7
Stddev	6.0	133.	4.4	.394	9.3
%RSD	.20274	.20399	.08984	.47669	.32622
#1	2935.8	65223.	4911.0	82.393	2859.1
#2	2944.2	65411.	4917.2	82.951	2872.3

Sample Name: J6410-05 Acquired: 12/14/2018 16:24:25 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.04927	-.01580	.33093	.11480	.00767	231.86	.59861	.00982
Stddev	.00117	.00173	.00319	.00001	.00095	.69	.00125	.00006
%RSD	2.3662	10.921	.96483	.00609	12.361	.29654	.20800	.56971
#1	.05010	-.01702	.33319	.11479	.00700	231.38	.59949	.00986
#2	.04845	-.01458	.32868	.11480	.00834	232.35	.59773	.00978
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00589	30.279	.28983	.31093	.89011	720.79	13.207	146.20
Stddev	.00144	.116	.00034	.00081	.00198	9.48	.037	.06
%RSD	24.493	.38260	.11563	.26072	.22242	1.3147	.27722	.04057
#1	.00691	30.361	.29007	.31036	.89151	714.09	13.181	146.24
#2	.00487	30.197	.28960	.31150	.88871	727.49	13.233	146.15
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60743	.04648	1.2629	.40972	1.7939	10.898	-.00230	.33130
Stddev	.00211	.00139	.0015	.00193	.0178	.044	.00037	.01651
%RSD	.34678	2.9995	.11767	.46997	.99113	.40270	15.996	4.9838
#1	.60892	.04549	1.2619	.40836	1.7814	10.929	-.00256	.31962
#2	.60594	.04746	1.2640	.41108	1.8065	10.867	-.00204	.34298
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49078	3.9598	.01045	.93930	.41155	F 10.92	-.59883	<.00000
Stddev	.00294	.0868	.00192	.00361	.00188	.00	.01016	.32370
%RSD	.59874	2.1926	18.388	.38479	.45634	.0243	1.6965	2.2822
#1	.49286	4.0212	.01181	.94186	.41022	10.91	-.59165	-14.413
#2	.48870	3.8984	.00909	.93675	.41288	10.92	-.60602	-13.955

Sample Name: J6410-05 Acquired: 12/14/2018 16:24:25 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg ^ *****
 Stddev -----
 %RSD -----

#1 ^ -----
 #2 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3260.6	72984.	5493.8	79.394	2797.8
Stddev	5.8	185.	.2	.994	.8
%RSD	.17752	.25399	.00285	1.2518	.02888
#1	3264.6	73115.	5493.9	80.096	2798.4
#2	3256.5	72853.	5493.7	78.691	2797.3

Sample Name: J6223-02 Acquired: 12/14/2018 16:28:29 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	-.00332	.00781	.00348	-.00146	.20915	.05301	.00001
Stddev	.00119	.00088	.00075	.00047	.00202	.00146	.00053	.00006
%RSD	217.10	26.609	9.6034	13.427	138.72	.69951	.99538	576.16

#1	-.00139	-.00269	.00834	.00315	-.00289	.20812	.05338	-.00003
#2	.00029	-.00394	.00728	.00382	-.00003	.21019	.05264	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	32.213	.00673	.00015	.47476	.59950	.06014	9.9144
Stddev	.00005	.035	.00027	.00021	.00013	.00823	.00013	.0520
%RSD	31.962	.10884	4.0431	137.69	.02835	1.3728	.22209	.52430

#1	.00012	32.238	.00654	.00030	.47467	.60532	.06023	9.9511
#2	.00019	32.188	.00692	.00000	.47486	.59368	.06004	9.8776

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02397	.02445	66.780	.00019	.13428	3.8891	.00081	.13199
Stddev	.00019	.00018	.228	.00031	.00071	.0139	.00009	.00202
%RSD	.79101	.75497	.34072	159.11	.53183	.35847	10.535	1.5304

#1	.02383	.02432	66.941	-.00002	.13378	3.8989	.00087	.13342
#2	.02410	.02458	66.619	.00041	.13479	3.8792	.00075	.13056

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9272	4.5132	.01415	.01612	-.00604	5.412	.09935	2.1585
Stddev	.0278	.0295	.00038	.00044	.00048	.006	.00010	.0387
%RSD	.35072	.65426	2.7061	2.7286	7.9948	.1177	.10195	1.7938

#1	7.9076	4.4923	.01388	.01580	-.00638	5.417	.09942	2.1859
#2	7.9469	4.5341	.01442	.01643	-.00570	5.408	.09928	2.1312

Sample Name: J6223-02 Acquired: 12/14/2018 16:28:29 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .08672
Stddev .16051
%RSD 185.10

#1 -.02678
#2 .20021

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2592.1	58021.	4381.0	96.514	3395.3
Stddev	7.2	100.	4.2	.381	5.0
%RSD	.27620	.17224	.09571	.39470	.14722

#1	2587.1	57950.	4378.0	96.783	3391.8
#2	2597.2	58091.	4384.0	96.245	3398.9

Sample Name: J6399-01 Acquired: 12/14/2018 16:32:27 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	-.00476	.00501	.00114	-.00177	.02994	.19826	.00000
Stddev	.00037	.00128	.00005	.00389	.00048	.00483	.00069	.00004
%RSD	136.97	26.826	1.0702	340.21	27.386	16.138	.35021	835.62
#1	-.00053	-.00566	.00497	.00389	-.00211	.03336	.19777	.00003
#2	-.00001	-.00385	.00505	-.00161	-.00143	.02652	.19876	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	246.85	.00020	-.00059	.00125	-.06963	.00044	92.844
Stddev	.00016	.15	.00014	.00021	.00024	.00553	.00011	1.083
%RSD	152.95	.06248	69.486	35.824	18.938	7.9468	25.713	1.1669
#1	.00001	246.74	.00010	-.00044	.00109	-.06572	.00052	92.078
#2	-.00021	246.96	.00030	-.00074	.00142	-.07355	.00036	93.610
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00173	-.00006	1076.6	.00135	.04927	41.635	.02574	.36363
Stddev	.00018	.00011	12.3	.00058	.00121	.188	.00002	.00150
%RSD	10.091	190.76	1.1430	42.812	2.4648	.45039	.08737	.41309
#1	-.00186	.00002	1067.9	.00176	.05013	41.502	.02576	.36257
#2	-.00161	-.00013	1085.3	.00094	.04842	41.767	.02573	.36469
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 124.20	F 15.296	-.04582	-.00712	.02707	.0657	1.4282	5.4218
Stddev	.11	.071	.00019	.00149	.00056	.0018	.0004	.0595
%RSD	.08876	.46410	.40969	20.979	2.0762	2.801	.02719	1.0971
#1	124.12	15.246	-.04569	-.00607	.02746	.0644	1.4279	5.4639
#2	124.27	15.346	-.04596	-.00818	.02667	.0670	1.4284	5.3798

Sample Name: J6399-01 Acquired: 12/14/2018 16:32:27 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.7672
Stddev	.4500
%RSD	7.8020

#1	6.0854
#2	5.4490

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2257.4	49493.	4003.3	86.910	2727.1
Stddev	.3	10.	26.0	1.916	.2
%RSD	.01139	.02036	.64976	2.2048	.00595

#1	2257.6	49500.	4021.7	85.555	2727.0
#2	2257.2	49486.	3985.0	88.265	2727.2

Sample Name: J6214-52 Acquired: 12/14/2018 16:40:39 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.00284	-.00444	.00204	.00286	-.00164	.11651	.20588	-.00000
Stddev	.00045	.00015	.00072	.00028	.00001	.01634	.00110	.00005
%RSD	15.685	3.4625	35.195	9.6178	.84580	14.021	.53534	1075.0
#1	-.00252	-.00455	.00255	.00306	-.00163	.12806	.20510	-.00004
#2	-.00315	-.00433	.00153	.00267	-.00165	.10496	.20665	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	215.73	-.00266	.00073	.00988	3.5283	4.7289	58.179
Stddev	.00005	.62	.00006	.00019	.00031	.1268	.3756	.060
%RSD	111.63	.28596	2.2208	26.262	3.1508	3.5941	7.9434	.10269
#1	-.00008	215.29	-.00270	.00060	.01010	3.4387	4.9945	58.221
#2	-.00001	216.16	-.00262	.00087	.00966	3.6180	4.4633	58.136
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	-.00013	142.13	.00093	.02964	13.798	.00272	.09564
Stddev	.00077	.00038	.13	.00009	.00084	.039	.00007	.00152
%RSD	105.49	294.50	.08915	9.5455	2.8483	.28196	2.5686	1.5905
#1	-.00128	.00014	142.04	.00099	.02904	13.770	.00267	.09671
#2	-.00019	-.00039	142.22	.00087	.03024	13.825	.00277	.09456
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 57.576	5.7422	-.02172	-.00495	.00054	.0082	.63734	4.6481
Stddev	2.249	.0208	.00017	.00019	.00162	.0009	.00011	1.5657
%RSD	3.9064	.36210	.76578	3.8498	300.11	10.55	.01668	33.684
#1	59.167	5.7569	-.02160	-.00481	.00169	.0089	.63726	5.7552
#2	55.986	5.7275	-.02184	-.00508	-.00061	.0076	.63741	3.5410

Sample Name: J6214-52 Acquired: 12/14/2018 16:40:39 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.4995
Stddev .6757
%RSD 27.036

#1 2.0216
#2 2.9773

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2587.7	51209.	4283.8	95.021	3326.3
Stddev	91.0	3875.	18.7	3.035	115.6
%RSD	3.5176	7.5665	.43718	3.1935	3.4762

#1	2523.3	48469.	4297.0	97.167	3244.6
#2	2652.0	53948.	4270.6	92.875	3408.1

Sample Name: J6214-40 Acquired: 12/14/2018 16:58:08 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.00166	-.00218	.00284	.01013	-.00151	.08061	.21019	.00000
Stddev	.00157	.00117	.00032	.00044	.00038	.00358	.02269	.00006
%RSD	94.583	53.810	11.247	4.3512	25.513	4.4384	10.793	5930.9
#1	-.00276	-.00135	.00307	.00982	-.00178	.07808	.19415	-.00004
#2	-.00055	-.00301	.00261	.01044	-.00123	.08314	.22623	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	108.72	-.00039	.00007	.00165	2.3332	.72361	26.972
Stddev	.00001	10.82	.00008	.00009	.00004	.2069	.00131	2.815
%RSD	8.3792	9.9478	20.486	144.28	2.5559	8.8689	.18147	10.436
#1	-.00015	101.07	-.00034	.00013	.00162	2.1869	.72454	24.981
#2	-.00013	116.37	-.00045	-.00000	.00168	2.4795	.72268	28.962
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	-.00013	459.46	.00074	.01370	11.372	.00056	.04319
Stddev	.00025	.00013	46.03	.00003	.00119	1.060	.00001	.00204
%RSD	48.552	96.493	10.018	4.0994	8.7227	9.3233	1.6384	4.7186
#1	-.00033	-.00004	426.92	.00076	.01285	10.622	.00057	.04174
#2	-.00068	-.00023	492.01	.00072	.01454	12.122	.00056	.04463
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.178	4.6802	-.00648	.00165	.00105	1.390	.48958	2.1483
Stddev	.832	.4854	.00057	.00043	.00015	.063	.04893	.0336
%RSD	4.3402	10.371	8.8338	26.282	14.577	4.527	9.9939	1.5643
#1	18.590	4.3370	-.00688	.00134	.00094	1.346	.45498	2.1245
#2	19.767	5.0235	-.00607	.00196	.00115	1.435	.52418	2.1720

Sample Name: J6214-40 Acquired: 12/14/2018 16:58:08 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7636
Stddev .5811
%RSD 21.028

#1 3.1746
#2 2.3527

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2600.3	55255.	3865.8	87.527	3248.0
Stddev	110.6	189.	376.9	7.961	134.0
%RSD	4.2521	.34263	9.7500	9.0954	4.1251

#1	2678.5	55121.	4132.3	93.156	3342.7
#2	2522.1	55389.	3599.3	81.897	3153.2

Sample Name: CCV04 Acquired: 12/14/2018 17:02:15 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	4.7192	4.7462	4.7060	4.7383	4.7725	9.2921	9.7600	.23753
Stddev	.0035	.0067	.0094	.0010	.0035	.0080	.0215	.00079
%RSD	.07507	.14067	.19908	.02215	.07289	.08642	.21973	.33098
#1	4.7167	4.7414	4.6993	4.7390	4.7700	9.2978	9.7752	.23809
#2	4.7217	4.7509	4.7126	4.7376	4.7749	9.2864	9.7449	.23697
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3518	24.412	.95513	2.3412	1.2001	4.7092	2.4161	24.720
Stddev	.0020	.123	.00011	.0050	.0012	.0305	.0020	.192
%RSD	.08679	.50436	.01194	.21497	.09760	.64684	.08229	.77508
#1	2.3503	24.325	.95505	2.3377	1.1993	4.7308	2.4175	24.584
#2	2.3532	24.499	.95521	2.3448	1.2010	4.6877	2.4147	24.855
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3405	1.1836	24.309	2.3846	2.3919	24.213	4.7867	4.8081
Stddev	.0021	.0000	.009	.0026	.0244	.038	.0059	.0325
%RSD	.08754	.00074	.03581	.10978	1.0186	.15818	.12363	.67594
#1	2.3390	1.1836	24.303	2.3864	2.4092	24.186	4.7825	4.7851
#2	2.3419	1.1836	24.315	2.3827	2.3747	24.241	4.7909	4.8311
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5980	4.8100	4.6644	4.8089	4.7253	4.646	4.7922	F 2.0064
Stddev	.0047	.0012	.0026	.0133	.0090	.004	.0056	.1073
%RSD	.10339	.02550	.05587	.27570	.19038	.0857	.11590	5.3462
#1	4.5946	4.8091	4.6626	4.7995	4.7317	4.643	4.7961	2.0823
#2	4.6014	4.8109	4.6663	4.8183	4.7189	4.648	4.7883	1.9306

Sample Name: CCV04 Acquired: 12/14/2018 17:02:15 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6292
Stddev	.2425
%RSD	14.884

#1	1.4577
#2	1.8006

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2536.7	56244.	4030.4	89.083	3181.2
Stddev	7.6	200.	13.2	1.258	8.2
%RSD	.29898	.35494	.32684	1.4125	.25887

#1	2531.4	56103.	4021.1	88.193	3175.3
#2	2542.1	56385.	4039.7	89.973	3187.0

Sample Name: CCB04 Acquired: 12/14/2018 17:05:59 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00119	F .00377	-.00091	.00028	.00849	-.00067
Stddev	.00094	.00029	.00070	.00174	.00007	.00144	.00061
%RSD	509.92	24.606	18.576	191.47	23.971	16.933	91.672

#1	.00084	-.00098	.00426	-.00214	.00023	.00951	-.00024
#2	-.00048	-.00140	.00327	.00032	.00032	.00747	-.00110

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00000	-.00148	.00080	.00021	.00050	-.00087
Stddev	.00008	.00012	.00442	.00006	.00025	.00006	.00024
%RSD	377.32	139060.	298.84	7.0151	116.62	11.069	28.188

#1	-.00008	.00009	-.00460	.00076	.00004	.00046	-.00104
#2	.00003	-.00009	.00164	.00084	.00039	.00054	-.00070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.01814	.00011	-.00029	.20969	-.00025	.00017
Stddev	.00004	.05716	.00030	.00002	.01159	.00013	.00002
%RSD	21.360	315.18	273.56	7.2772	5.5251	50.720	10.092

#1	.00023	-.05855	.00033	-.00031	.21789	-.00016	.00016
#2	.00017	.02228	-.00010	-.00028	.20150	-.00034	.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17199	.00030	-.01093	F .00893	.00170	-.00017	.00158
Stddev	.00199	.00034	.00914	.00105	.00049	.00009	.00041
%RSD	1.1571	111.20	83.585	11.755	29.059	55.232	26.100

#1	.17059	.00054	-.00447	.00968	.00135	-.00023	.00187
#2	.17340	.00006	-.01740	.00819	.00205	-.00010	.00129

Sample Name: CCB04 Acquired: 12/14/2018 17:05:59 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00049	.0023	.00008	F .21342	F<.00000
Stddev	.00045	.0006	.00001	.60166	.09922
%RSD	92.219	27.22	12.085	281.91	22.240

#1	.00017	.0018	.00009	.63886	-.51629
#2	.00081	.0027	.00007	-.21202	-.37598

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2671.1	59234.	4138.4	94.271	3647.7
Stddev	5.1	840.	37.5	.642	8.7
%RSD	.19179	1.4183	.90715	.68132	.23953

#1	2674.7	58640.	4164.9	94.725	3653.9
#2	2667.5	59828.	4111.8	93.817	3641.5

Sample Name: PB115668BL Acquired: 12/14/2018 17:10:04 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00114	-.00117	.00264	.00096	-.00045	.00077	-.00040	-.00001
Stddev	.00260	.00090	.00018	.00083	.00091	.00872	.00010	.00009
%RSD	229.33	76.476	6.6467	86.920	200.75	1127.2	25.149	882.90
#1	.00071	-.00054	.00277	.00155	-.00110	-.00539	-.00047	.00005
#2	-.00298	-.00181	.00252	.00037	.00019	.00694	-.00033	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01139	.00079	-.00004	.00059	.00331	.00019	-.01047
Stddev	.00002	.00065	.00021	.00003	.00009	.00091	.00000	.00831
%RSD	253.61	5.7273	26.831	82.144	15.396	27.541	1.1200	79.295
#1	.00002	.01093	.00094	-.00001	.00066	.00396	.00019	-.00460
#2	-.00001	.01185	.00064	-.00006	.00053	.00267	.00019	-.01635
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	-.00047	.10232	.00017	-.00003	.10131	-.00008	-.01038
Stddev	.00015	.00043	.00626	.00017	.00000	.01553	.00003	.00623
%RSD	36.057	90.805	6.1194	100.96	.12430	15.324	43.534	60.003
#1	.00031	-.00077	.09790	.00029	-.00003	.09034	-.00010	-.00598
#2	.00052	-.00017	.10675	.00005	-.00003	.11229	-.00006	-.01478
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00278	.00013	-.00080	.00225	.00025	.0009	.00009	F .35651
Stddev	.00165	.00046	.00013	.00047	.00056	.0004	.00005	.07951
%RSD	59.236	350.58	16.434	20.908	224.35	48.85	54.559	22.303
#1	.00395	-.00019	-.00070	.00259	-.00015	.0012	.00013	.30028
#2	.00162	.00046	-.00089	.00192	.00064	.0006	.00006	.41273

Sample Name: PB115668BL Acquired: 12/14/2018 17:10:04 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .17064
Stddev	.77725
%RSD	455.48

#1	-.37895
#2	.72024

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2674.5	59349.	4115.1	94.308	3668.2
Stddev	28.3	168.	33.8	1.497	7.2
%RSD	1.0573	.28331	.82205	1.5870	.19686

#1	2654.5	59230.	4091.2	93.250	3663.1
#2	2694.5	59468.	4139.1	95.367	3673.3

Sample Name: PB115668BS Acquired: 12/14/2018 17:14:08 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70660	1.8093	.89601	1.7492	.72750	1.8290	.20214
Stddev	.00697	.0034	.00174	.0204	.00561	.0034	.00029
%RSD	.98669	.18789	.19441	1.1677	.77127	.18650	.14343

#1	.71153	1.8069	.89478	1.7636	.73146	1.8314	.20194
#2	.70167	1.8117	.89724	1.7348	.72353	1.8266	.20235

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17884	.17525	1.0554	.39740	.18579	.29576	2.7922
Stddev	.00010	.00045	.0246	.00111	.00034	.00158	.0129
%RSD	.05769	.25710	2.3340	.27817	.18528	.53364	.46048

#1	.17877	.17493	1.0728	.39662	.18555	.29687	2.7831
#2	.17892	.17557	1.0380	.39818	.18604	.29464	2.8013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20315	2.0463	.46027	.06683	3.0210	.29448	.18366
Stddev	.00005	.0073	.00036	.00060	.0013	.00250	.00142
%RSD	.02313	.35523	.07898	.90286	.04138	.84725	.77392

#1	.20318	2.0412	.46002	.06725	3.0219	.29272	.18466
#2	.20311	2.0515	.46053	.06640	3.0201	.29625	.18265

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7046	.38158	.27343	F .00181	.86902	.58920	.18539
Stddev	.0358	.00329	.00267	.00016	.00846	.00250	.00165
%RSD	.36902	.86322	.97600	8.7532	.97389	.42432	.89192

#1	9.6793	.38391	.27154	.00192	.86303	.58743	.18423
#2	9.7300	.37925	.27531	.00170	.87500	.59097	.18656

Sample Name: PB115668BS Acquired: 12/14/2018 17:14:08 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18824	F 4.673	.19191	F .42944	F<.00000
Stddev	.00061	.001	.00084	.20778	.57249
%RSD	.32627	.0197	.43647	48.385	11.816

#1	.18780	4.672	.19131	.57636	-5.2499
#2	.18867	4.673	.19250	.28251	-4.4403

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2657.8	59571.	4111.4	96.321	3586.5
Stddev	31.1	310.	18.3	.949	15.6
%RSD	1.1685	.51969	.44599	.98494	.43431

#1	2635.8	59352.	4098.5	95.650	3575.5
#2	2679.7	59790.	4124.4	96.992	3597.5

Sample Name: PB115486BL Acquired: 12/14/2018 17:18:00 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00219	.00182	-.00330	.00054	.01477	-.00033
Stddev	.00187	.00030	.00041	.00067	.00205	.00589	.00008
%RSD	2153.4	13.560	22.374	20.300	376.29	39.874	22.872

#1	-.00123	-.00239	.00153	-.00283	.00199	.01894	-.00038
#2	.00141	-.00198	.00211	-.00377	-.00090	.01061	-.00028

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00004	.02174	.00017	-.00005	.00023	.00863
Stddev	.00001	.00000	.02093	.00012	.00012	.00037	.00044
%RSD	44.317	9.9521	96.265	68.896	244.31	159.74	5.1519

#1	-.00004	-.00004	.00694	.00009	-.00013	.00049	.00832
#2	-.00002	-.00004	.03654	.00026	.00004	-.00003	.00895

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00996	.00021	-.00024	.05557	.00003	-.00002
Stddev	.00005	.04041	.00024	.00021	.00243	.00012	.00002
%RSD	37.498	405.95	113.75	88.250	4.3802	400.48	82.856

#1	.00016	-.03853	.00004	-.00040	.05384	-.00005	-.00001
#2	.00009	.01862	.00039	-.00009	.05729	.00011	-.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07176	.00022	-.00482	.00008	-.00044	-.00048	.00039
Stddev	.02379	.00012	.00007	.00055	.00161	.00020	.00002
%RSD	33.159	56.132	1.3547	660.23	368.91	41.647	6.4422

#1	.05493	.00013	-.00486	.00048	.00070	-.00063	.00037
#2	.08858	.00031	-.00477	-.00031	-.00157	-.00034	.00040

Sample Name: PB115486BL Acquired: 12/14/2018 17:18:00 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	.0012	.00000	F<.00000	F .23863
Stddev	.00150	.0000	.00000	.15699	.91801
%RSD	90.896	2.148	328.97	796.71	384.70

#1	-.00059	.0012	-.00000	-.13071	.88776
#2	-.00271	.0012	.00000	.09130	-.41050

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2698.6	60018.	4132.0	94.721	3675.2
Stddev	9.9	31.	46.2	.124	17.6
%RSD	.36862	.05223	1.1177	.13064	.47921

#1	2691.6	59996.	4099.4	94.633	3662.8
#2	2705.7	60041.	4164.7	94.808	3687.7

Sample Name: PB115669BS Acquired: 12/14/2018 17:22:05 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73705	1.9008	.93516	1.8218	.77251	1.8428	.20685
Stddev	.00067	.0151	.00615	.0138	.00262	.0078	.00067
%RSD	.09055	.79572	.65756	.75954	.33875	.42108	.32416

#1	.73658	1.8901	.93081	1.8120	.77436	1.8374	.20733
#2	.73752	1.9115	.93951	1.8316	.77065	1.8483	.20638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18416	.18364	1.0825	.40541	.19242	.30676	2.9809
Stddev	.00015	.00131	.0033	.00119	.00126	.00088	.0253
%RSD	.08035	.71449	.30587	.29318	.65643	.28680	.84995

#1	.18405	.18272	1.0848	.40457	.19153	.30614	2.9988
#2	.18426	.18457	1.0801	.40625	.19331	.30739	2.9630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20761	2.1119	.47796	.06900	3.0945	.30046	.20069
Stddev	.00004	.0119	.00391	.00019	.0100	.00008	.00056
%RSD	.01709	.56328	.81705	.26879	.32424	.02518	.28091

#1	.20764	2.1203	.47520	.06913	3.1016	.30041	.20109
#2	.20758	2.1034	.48072	.06886	3.0874	.30052	.20029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9705	.40558	.27775	F -.00023	.91419	.63509	.19806
Stddev	.0145	.00193	.00428	.00087	.00672	.00129	.00124
%RSD	.14550	.47608	1.5402	385.15	.73562	.20303	.62733

#1	9.9808	.40422	.28078	.00039	.91894	.63418	.19893
#2	9.9603	.40695	.27473	-.00084	.90943	.63600	.19718

Sample Name: PB115669BS Acquired: 12/14/2018 17:22:05 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19511	4.900	.19439	F .09213	F<.00000
Stddev	.00109	.031	.00231	.01646	.22944
%RSD	.55750	.6273	1.1893	17.866	5.3561

#1	.19588	4.878	.19602	.08049	-4.1214
#2	.19435	4.922	.19275	.10377	-4.4458

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2664.9	59645.	4076.3	92.527	3569.3
Stddev	20.7	182.	34.4	1.559	23.6
%RSD	.77503	.30545	.84381	1.6846	.65985

#1	2650.3	59516.	4051.9	91.425	3552.7
#2	2679.5	59774.	4100.6	93.629	3586.0

Sample Name: PB115491BL Acquired: 12/14/2018 17:30:02 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DODW

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	-.00025	.00210	.00094	-.00078	.01163	-.00083
Stddev	.00116	.00059	.00014	.00063	.00160	.01336	.00027
%RSD	149.57	233.20	6.8786	66.608	204.09	114.79	32.375

#1	-.00159	-.00067	.00200	.00139	-.00191	.02108	-.00102
#2	.00004	.00017	.00220	.00050	.00035	.00219	-.00064

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00003	.01241	.00062	.00008	.00041	.00412
Stddev	.00004	.00002	.00974	.00007	.00005	.00004	.00681
%RSD	256.77	71.743	78.464	10.980	61.093	9.3648	165.39

#1	.00001	.00002	.01930	.00057	.00011	.00044	-.00070
#2	-.00004	.00005	.00553	.00066	.00004	.00038	.00894

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.03160	.00041	.00012	.04051	-.00050	-.00026
Stddev	.00004	.00600	.00048	.00023	.00398	.00017	.00009
%RSD	34.263	18.998	116.86	183.08	9.8251	33.045	37.017

#1	.00016	-.02736	.00075	.00028	.03770	-.00062	-.00032
#2	.00010	-.03585	.00007	-.00004	.04333	-.00038	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05688	-.00004	-.01729	-.00179	.00076	-.00043	.00093
Stddev	.01130	.00006	.00558	.00314	.00063	.00024	.00081
%RSD	19.874	171.71	32.270	175.71	81.794	56.112	87.459

#1	.04888	-.00008	-.02123	-.00401	.00121	-.00026	.00035
#2	.06487	.00001	-.01334	.00043	.00032	-.00060	.00150

Sample Name: PB115491BL Acquired: 12/14/2018 17:30:02 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment: DODW

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00170	.0017	.00009	F<.00000	F<.00000
Stddev	.00015	.0007	.00006	.11845	.24037
%RSD	8.8502	43.71	66.036	64.033	106.68

#1	-.00181	.0022	.00013	-.26874	-.39530
#2	-.00160	.0011	.00005	-.10122	-.05536

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2688.3	59904.	4127.3	96.725	3684.4
Stddev	12.8	229.	15.2	2.298	5.4
%RSD	.47555	.38154	.36842	2.3759	.14641

#1	2679.3	59742.	4116.6	98.350	3680.5
#2	2697.4	60066.	4138.1	95.100	3688.2

Sample Name: PB115491BS Acquired: 12/14/2018 17:34:09 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DODW

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71204	1.8683	.90754	1.8091	.74066	1.7973	.20005
Stddev	.00527	.0161	.00712	.0023	.00613	.0041	.00271
%RSD	.74021	.86228	.78459	.12694	.82816	.22953	1.3559

#1	.70832	1.8569	.90250	1.8074	.73632	1.8002	.19813
#2	.71577	1.8797	.91257	1.8107	.74500	1.7944	.20197

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18636	.17926	1.0451	.38703	.18449	.29950	2.7780
Stddev	.00007	.00123	.0211	.00133	.00117	.00144	.0662
%RSD	.03873	.68662	2.0189	.34447	.63330	.48231	2.3818

#1	.18631	.17839	1.0302	.38797	.18367	.29848	2.8248
#2	.18641	.18013	1.0600	.38609	.18532	.30052	2.7313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20108	2.0412	.46054	.06775	2.9766	.28648	.19271
Stddev	.00045	.0096	.00196	.00022	.0287	.00026	.00377
%RSD	.22622	.47039	.42488	.32367	.96509	.09128	1.9589

#1	.20140	2.0344	.45916	.06790	2.9563	.28630	.19538
#2	.20076	2.0480	.46192	.06759	2.9969	.28667	.19004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5514	.38158	.26811	F -.00357	.88192	.60089	.18450
Stddev	.0863	.00224	.00163	.00021	.00717	.00534	.00231
%RSD	.90380	.58774	.60760	5.8673	.81330	.88836	1.2495

#1	9.4904	.37999	.26696	-.00343	.87684	.59711	.18287
#2	9.6125	.38317	.26926	-.00372	.88699	.60466	.18613

Sample Name: PB115491BS Acquired: 12/14/2018 17:34:09 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DODW

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18720	4.823	.18735	F<.00000	F<.00000
Stddev	.00297	.013	.00075	.05885	.41419
%RSD	1.5887	.2785	.39874	30.492	11.838

#1	.18510	4.813	.18682	-.15140	-3.2060
#2	.18931	4.832	.18787	-.23463	-3.7918

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2662.2	59603.	4065.1	94.133	3558.7
Stddev	4.0	94.	19.1	2.086	8.4
%RSD	.15194	.15696	.46966	2.2160	.23507

#1	2665.1	59537.	4078.6	92.658	3564.6
#2	2659.4	59669.	4051.6	95.608	3552.8

Sample Name: PB115669BL Acquired: 12/14/2018 17:38:01 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	-.00132	.00138	-.00005	.00035	-.00135	-.00038
Stddev	.00032	.00069	.00144	.00625	.00062	.00399	.00049
%RSD	54.533	52.113	104.43	11737.	178.23	296.05	128.94

#1	-.00036	-.00181	.00036	-.00447	-.00009	-.00417	-.00003
#2	-.00082	-.00083	.00239	.00437	.00078	.00147	-.00072

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00001	.00576	.00114	-.00010	.00021	.00317
Stddev	.00005	.00001	.00849	.00028	.00024	.00008	.00248
%RSD	168.54	76.507	147.45	24.844	230.04	36.614	78.013

#1	-.00007	-.00001	-.00025	.00134	-.00027	.00016	.00142
#2	.00001	-.00000	.01177	.00094	.00007	.00026	.00492

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.01320	.00034	-.00053	.02081	-.00039	-.00033
Stddev	.00003	.02397	.00010	.00045	.00461	.00016	.00008
%RSD	29.277	181.66	29.869	85.293	22.170	41.368	23.946

#1	.00009	-.00375	.00027	-.00085	.02407	-.00028	-.00039
#2	.00013	.03014	.00041	-.00021	.01755	-.00051	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03383	-.00011	-.01753	-.00224	-.00206	-.00084	.00039
Stddev	.00880	.00006	.00542	.00357	.00150	.00009	.00030
%RSD	26.025	61.707	30.928	159.06	73.047	11.261	78.654

#1	.02760	-.00015	-.02137	-.00477	-.00312	-.00091	.00060
#2	.04006	-.00006	-.01370	.00028	-.00100	-.00077	.00017

Sample Name: PB115669BL Acquired: 12/14/2018 17:38:01 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00107	-0.0003	-0.00000	F<.00000	F<.00000
Stddev	.00083	.0005	.00004	.13689	.59139
%RSD	78.278	177.3	4015.6	17.286	1114.2

#1	-0.00048	-0.0006	.00003	-0.88872	-.47126
#2	-0.00166	.0001	-0.00003	-.69513	.36510

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2695.7	60660.	4094.8	95.454	3708.2
Stddev	8.4	87.	5.5	.630	7.0
%RSD	.31239	.14384	.13462	.66053	.18997

#1	2689.8	60721.	4090.9	95.008	3703.2
#2	2701.7	60598.	4098.7	95.900	3713.2

Sample Name: PB115486BS Acquired: 12/14/2018 17:42:04 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70599	1.8097	.89251	1.7414	.72659	1.8260	.20259
Stddev	.00202	.0019	.00375	.0116	.00265	.0088	.00175
%RSD	.28622	.10574	.42004	.66473	.36433	.48422	.86460

#1	.70456	1.8110	.88986	1.7332	.72472	1.8198	.20135
#2	.70742	1.8083	.89516	1.7496	.72846	1.8323	.20383

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17893	.17547	1.0575	.39441	.18529	.29649	2.8589
Stddev	.00059	.00017	.0247	.00080	.00046	.00210	.0360
%RSD	.33027	.09537	2.3383	.20340	.24839	.70670	1.2588

#1	.17851	.17535	1.0400	.39385	.18496	.29501	2.8844
#2	.17934	.17559	1.0750	.39498	.18561	.29797	2.8335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20349	2.0521	.45840	.06515	2.9992	.29377	.19157
Stddev	.00014	.0114	.00001	.00017	.0365	.00027	.00254
%RSD	.06759	.55323	.00178	.25549	1.2163	.09247	1.3235

#1	.20339	2.0441	.45839	.06503	2.9735	.29358	.19337
#2	.20359	2.0601	.45840	.06527	3.0250	.29396	.18978

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6663	.38319	.27727	F -.00273	.86212	.58622	.18611
Stddev	.0302	.00231	.00496	.00247	.00239	.00009	.00255
%RSD	.31203	.60201	1.7887	90.222	.27749	.01620	1.3692

#1	9.6449	.38156	.28078	-.00099	.86043	.58629	.18431
#2	9.6876	.38483	.27376	-.00448	.86381	.58615	.18791

Sample Name: PB115486BS Acquired: 12/14/2018 17:42:04 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19010	F 4.630	.19181	F<.00000	F<.00000
Stddev	.00157	.002	.00113	.07376	.05937
%RSD	.82510	.0345	.58652	13.085	1.2973

#1	.18899	4.629	.19102	-.51154	-4.5342
#2	.19121	4.632	.19261	-.61585	-4.6182

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2665.4	60143.	4084.6	93.463	3622.4
Stddev	5.8	77.	1.2	1.526	19.1
%RSD	.21774	.12856	.02880	1.6329	.52833

#1	2669.5	60089.	4083.7	92.383	3608.8
#2	2661.3	60198.	4085.4	94.542	3635.9

Sample Name: PB115677BL Acquired: 12/14/2018 17:45:55 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00086	-.00124	.00186	.00044	.00012	.00309	-.00069
Stddev	.00145	.00024	.00055	.00409	.00160	.00548	.00137
%RSD	169.26	19.707	29.636	928.48	1297.5	177.55	198.89

#1	-.00017	-.00142	.00147	-.00245	.00126	.00696	.00028
#2	.00188	-.00107	.00225	.00333	-.00101	-.00079	-.00166

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00005	.00933	.00068	.00003	.00000	.00122
Stddev	.00005	.00018	.02773	.00052	.00008	.00017	.00376
%RSD	285.32	372.64	297.03	76.112	298.86	9224.0	307.21

#1	-.00006	.00017	-.01027	.00031	-.00003	-.00012	.00388
#2	.00002	-.00008	.02894	.00105	.00008	.00012	-.00143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00489	-.00026	-.00034	.00275	.00005	-.00029
Stddev	.00003	.03673	.00011	.00012	.00336	.00024	.00004
%RSD	33.886	750.70	43.772	34.958	122.19	464.90	13.587

#1	.00007	-.02108	-.00018	-.00026	.00512	.00022	-.00026
#2	.00012	.03086	-.00034	-.00043	.00037	-.00012	-.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04511	-.00004	-.00790	-.00231	-.00262	-.00074	.00086
Stddev	.01528	.00021	.00453	.00088	.00025	.00023	.00073
%RSD	33.867	527.02	57.306	37.857	9.7093	30.683	84.315

#1	.03431	-.00019	-.01111	-.00293	-.00280	-.00090	.00035
#2	.05591	.00011	-.00470	-.00169	-.00244	-.00058	.00138

Sample Name: PB115677BL Acquired: 12/14/2018 17:45:55 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00354	-.0004	.00012	F<.00000	F .46493
Stddev	.00135	.0016	.00007	.28469	.11282
%RSD	38.090	410.0	56.987	27.253	24.266

#1	-.00449	.0007	.00017	-.84330	.38516
#2	-.00258	-.0015	.00007	-1.2459	.54471

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2708.2	60843.	4138.1	94.958	3713.8
Stddev	2.1	92.	19.5	1.178	1.7
%RSD	.07724	.15133	.47146	1.2411	.04587

#1	2709.7	60778.	4124.3	94.125	3712.6
#2	2706.8	60908.	4151.9	95.792	3715.0

Sample Name: PB115677BS Acquired: 12/14/2018 17:49:59 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74085	1.9175	.94297	1.8290	.78089	1.9106	.21461
Stddev	.00432	.0019	.00356	.0023	.00172	.0084	.00136
%RSD	.58326	.09760	.37792	.12802	.22071	.44123	.63493

#1	.73779	1.9162	.94045	1.8306	.77967	1.9046	.21364
#2	.74390	1.9189	.94549	1.8273	.78211	1.9165	.21557

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18920	.18611	1.1231	.41541	.19456	.31124	2.9370
Stddev	.00022	.00009	.0059	.00290	.00027	.00062	.0585
%RSD	.11769	.04795	.52171	.69748	.14054	.19989	1.9918

#1	.18935	.18617	1.1190	.41336	.19476	.31080	2.9784
#2	.18904	.18605	1.1273	.41745	.19437	.31168	2.8956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21360	2.2283	.48306	.06935	3.1537	.30896	.19910
Stddev	.00024	.0354	.00054	.00005	.0320	.00155	.00363
%RSD	.11334	1.5905	.11254	.07143	1.0137	.50008	1.8226

#1	.21377	2.2032	.48344	.06939	3.1311	.30786	.20167
#2	.21343	2.2534	.48267	.06932	3.1763	.31005	.19654

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.067	.41072	.29398	F -.00077	.93251	.63373	.19847
Stddev	.097	.00063	.01249	.00103	.00438	.00134	.00065
%RSD	.95953	.15286	4.2476	133.05	.47015	.21219	.32804

#1	9.9985	.41028	.28515	-.00150	.92941	.63468	.19801
#2	10.135	.41116	.30281	-.00005	.93561	.63278	.19893

Sample Name: PB115677BS Acquired: 12/14/2018 17:49:59 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20108	4.906	.19932	F<.00000	F<.00000
Stddev	.00126	.009	.00170	.09643	.07624
%RSD	.62773	.1799	.85152	11.847	1.9018

#1	.20198	4.912	.19812	-.88215	-4.0627
#2	.20019	4.900	.20052	-.74578	-3.9549

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2671.9	60470.	4057.3	95.301	3611.0
Stddev	2.6	69.	15.3	2.014	14.1
%RSD	.09614	.11455	.37795	2.1134	.38962

#1	2670.1	60519.	4068.1	93.877	3601.1
#2	2673.7	60421.	4046.5	96.725	3621.0

Sample Name: CCV05 Acquired: 12/14/2018 17:53:49 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	4.7101	4.8003	4.7895	4.7334	4.8179	9.4182	9.8677	.24281
Stddev	.0081	.0217	.0086	.0141	.0045	.0282	.0547	.00183
%RSD	.17262	.45266	.17854	.29697	.09330	.29902	.55424	.75309
#1	4.7159	4.8156	4.7956	4.7433	4.8211	9.3983	9.9064	.24410
#2	4.7044	4.7849	4.7835	4.7235	4.8147	9.4381	9.8291	.24152
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4068	25.111	.96737	2.3800	1.2129	4.8238	2.4788	25.443
Stddev	.0065	.128	.00128	.0029	.0027	.0016	.0042	.041
%RSD	.26796	.50865	.13233	.12027	.22441	.03337	.16914	.16055
#1	2.4114	25.021	.96647	2.3820	1.2148	4.8226	2.4817	25.414
#2	2.4023	25.202	.96828	2.3780	1.2110	4.8249	2.4758	25.472
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3686	1.1866	24.532	2.4300	2.4902	24.224	4.8461	4.9008
Stddev	.0063	.0003	.184	.0136	.0120	.070	.0014	.0170
%RSD	.26722	.02592	.75034	.55867	.48117	.28768	.02957	.34601
#1	2.3731	1.1864	24.662	2.4396	2.4986	24.273	4.8471	4.8888
#2	2.3641	1.1869	24.402	2.4204	2.4817	24.174	4.8451	4.9128
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5456	4.8540	4.7056	4.8593	4.8157	4.658	4.8757	F 1.1515
Stddev	.0131	.0095	.0035	.0032	.0180	.017	.0111	.0356
%RSD	.28742	.19646	.07508	.06641	.37314	.3602	.22767	3.0922
#1	4.5548	4.8473	4.7081	4.8616	4.8284	4.669	4.8836	1.1263
#2	4.5363	4.8608	4.7031	4.8571	4.8030	4.646	4.8679	1.1766

Sample Name: CCV05 Acquired: 12/14/2018 17:53:49 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9826
Stddev	.5175
%RSD	17.350

#1	3.3485
#2	2.6166

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2598.1	57387.	4070.4	88.874	3253.2
Stddev	8.6	141.	16.3	.493	12.7
%RSD	.33135	.24584	.40093	.55436	.39097

#1	2592.0	57288.	4058.9	88.526	3244.2
#2	2604.2	57487.	4081.9	89.223	3262.2

Sample Name: CCB05 Acquired: 12/14/2018 17:57:33 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	-.00093	.00224	.00035	.00056	.01045	-.00014
Stddev	.00086	.00029	.00037	.00079	.00177	.00650	.00019
%RSD	194.37	31.242	16.625	226.40	315.63	62.233	143.35

#1	-.00017	-.00072	.00198	.00091	-.00069	.01504	-.00027
#2	.00106	-.00113	.00250	-.00021	.00182	.00585	.00000

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00003	-.00046	.00043	-.00001	.00049	-.00277
Stddev	.00001	.00001	.01070	.00021	.00016	.00038	.00665
%RSD	15.786	36.587	2322.0	47.337	1270.3	77.931	239.77

#1	-.00006	.00004	.00711	.00029	.00010	.00076	.00193
#2	-.00008	.00002	-.00803	.00058	-.00013	.00022	-.00747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.04597	.00067	-.00062	-.01005	-.00012	-.00017
Stddev	.00007	.03327	.00048	.00032	.00027	.00036	.00008
%RSD	112.17	72.375	71.920	51.846	2.6448	289.50	45.645

#1	.00001	-.06949	.00033	-.00040	-.01024	-.00038	-.00023
#2	.00011	-.02244	.00100	-.00085	-.00986	.00013	-.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06520	.00023	-.00850	-.00406	-.00070	-.00019	.00080
Stddev	.00865	.00010	.00514	.00171	.00017	.00001	.00127
%RSD	13.259	43.267	60.436	42.185	23.669	7.9787	157.94

#1	.05909	.00030	-.00487	-.00285	-.00058	-.00020	.00170
#2	.07132	.00016	-.01214	-.00527	-.00081	-.00017	-.00009

Sample Name: CCB05 Acquired: 12/14/2018 17:57:33 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00228	.0015	.00009	F<.00000	F<.00000
Stddev	.00095	.0014	.00006	.02348	.01215
%RSD	41.480	93.93	69.346	7.2271	14.840

#1	-.00295	.0005	.00005	-.34153	-.09048
#2	-.00161	.0025	.00013	-.30832	-.07330

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2713.9	60150.	4121.0	93.867	3718.7
Stddev	21.0	63.	5.1	.919	21.1
%RSD	.77294	.10440	.12456	.97930	.56689

#1	2699.0	60195.	4117.4	94.517	3703.8
#2	2728.7	60106.	4124.6	93.217	3733.6

Sample Name: J6214-52DUP Acquired: 12/14/2018 18:01:37 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00001	-.00548	.00122	.00052	-.00206	.11007	.20570	-.00003
Stddev	.00020	.00084	.00161	.00221	.00004	.00694	.00046	.00008
%RSD	1426.7	15.399	131.91	420.30	1.9992	6.3064	.22386	288.78
#1	.00015	-.00608	.00236	.00208	-.00209	.10516	.20603	.00003
#2	-.00013	-.00488	.00008	-.00103	-.00203	.11498	.20537	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	217.52	-.00289	.00075	.01017	3.5359	4.3308	58.725
Stddev	.00002	.47	.00024	.00012	.00023	.0619	.0090	.438
%RSD	26.241	.21433	8.3519	16.298	2.3027	1.7503	.20836	.74648
#1	-.00009	217.85	-.00306	.00084	.01001	3.4922	4.3244	59.035
#2	-.00006	217.19	-.00272	.00066	.01034	3.5797	4.3372	58.415
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00050	141.03	.00085	.03025	13.442	.00273	.10333
Stddev	.00007	.00028	.75	.00066	.00061	.015	.00008	.00396
%RSD	200.81	55.279	.52981	77.721	2.0014	.11225	2.7625	3.8339
#1	-.00009	-.00070	141.56	.00038	.02982	13.453	.00267	.10053
#2	.00002	-.00031	140.50	.00132	.03068	13.431	.00278	.10613
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 54.798	5.6432	-.02084	-.00546	.00002	.0060	.63484	1.7460
Stddev	1.669	.0144	.00075	.00016	.00033	.0003	.00222	.1772
%RSD	3.0461	.25436	3.6077	2.9031	1434.1	4.939	.34963	10.148
#1	53.618	5.6331	-.02031	-.00557	.00025	.0062	.63641	1.6207
#2	55.979	5.6534	-.02137	-.00534	-.00021	.0058	.63328	1.8713

Sample Name: J6214-52DUP Acquired: 12/14/2018 18:01:37 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.9617
Stddev	.5979
%RSD	15.093

#1	4.3845
#2	3.5389

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2703.7	56795.	4297.6	94.991	3465.7
Stddev	61.8	31.	12.3	1.437	79.3
%RSD	2.2859	.05513	.28532	1.5128	2.2885

#1	2747.4	56773.	4289.0	96.007	3521.8
#2	2660.0	56817.	4306.3	93.975	3409.6

Sample Name: J6214-52LX5 Acquired: 12/14/2018 18:05:38 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00013	-.00223	.00274	.00063	-.00031	.04592	.04211	.00002
Stddev	.00019	.00059	.00039	.00003	.00052	.00481	.00062	.00004
%RSD	145.20	26.434	14.299	4.1068	168.44	10.467	1.4789	219.50

#1	-.00000	-.00181	.00246	.00065	.00006	.04252	.04167	.00004
#2	.00026	-.00264	.00302	.00062	-.00068	.04931	.04255	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	45.446	-.00023	.00004	.00226	.72966	.91123	12.335
Stddev	.00002	.015	.00000	.00020	.00024	.01419	.00303	.265
%RSD	47.666	.03369	1.1813	472.44	10.812	1.9442	.33240	2.1461

#1	-.00006	45.435	-.00023	.00018	.00209	.71963	.90908	12.148
#2	-.00003	45.457	-.00023	-.00010	.00243	.73969	.91337	12.523

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00068	28.677	-.00014	.00625	2.6834	.00059	.01311
Stddev	.00020	.00026	.127	.00042	.00009	.0264	.00021	.00148
%RSD	399.60	37.838	.44165	303.92	1.4033	.98549	36.596	11.296

#1	-.00019	-.00050	28.588	.00016	.00619	2.6647	.00074	.01206
#2	.00009	-.00086	28.767	-.00043	.00632	2.7021	.00043	.01416

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.454	1.1967	-.00457	.00095	.00050	.0020	.13418	.30259
Stddev	.014	.0097	.00042	.00135	.00164	.0002	.00005	.01178
%RSD	.12034	.80732	9.1605	142.55	329.31	9.409	.03593	3.8946

#1	11.464	1.1899	-.00487	-.00001	-.00066	.0021	.13421	.31092
#2	11.445	1.2035	-.00428	.00190	.00165	.0019	.13414	.29425

Sample Name: J6214-52LX5 Acquired: 12/14/2018 18:05:38 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.88909
Stddev	.28283
%RSD	31.811

#1	1.0891
#2	.68910

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2637.0	58646.	4182.6	94.736	3477.8
Stddev	10.2	186.	11.4	.843	2.6
%RSD	.38702	.31666	.27150	.89013	.07445

#1	2644.2	58778.	4190.6	95.332	3476.0
#2	2629.8	58515.	4174.6	94.140	3479.7

Sample Name: J6214-52MSD Acquired: 12/14/2018 18:13:29 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.89572	2.0286	1.0250	2.3731	.92016	2.3819	.43651	.23129
Stddev	.00144	.0130	.0022	.0103	.00144	.0022	.00732	.00061
%RSD	.16098	.63916	.21892	.43176	.15658	.09079	1.6764	.26325
#1	.89470	2.0194	1.0234	2.3658	.91914	2.3804	.43134	.23172
#2	.89674	2.0378	1.0266	2.3803	.92118	2.3834	.44169	.23086
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20903	220.76	.43847	.21087	.33456	6.6825	4.4926	62.415
Stddev	.00108	3.04	.00067	.00103	.00195	.0262	.0037	.777
%RSD	.51568	1.3771	.15251	.48696	.58210	.39226	.08249	1.2450
#1	.20827	218.61	.43894	.21014	.33318	6.7010	4.4952	61.865
#2	.20979	222.91	.43799	.21159	.33593	6.6640	4.4900	62.964
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51529	.07891	147.95	.33849	.25209	25.368	.45268	.43879
Stddev	.00204	.00020	1.73	.00029	.00159	.315	.00115	.02056
%RSD	.39616	.25798	1.1690	.08628	.63051	1.2408	.25350	4.6867
#1	.51384	.07905	146.73	.33869	.25321	25.146	.45187	.42425
#2	.51673	.07877	149.18	.33828	.25097	25.591	.45349	.45333
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 58.303	6.6790	.69428	.21115	.22714	6.379	.85428	1.8806
Stddev	.130	.0873	.00016	.00127	.00370	.025	.01324	.1653
%RSD	.22215	1.3067	.02335	.60077	1.6306	.3978	1.5501	8.7914
#1	58.211	6.6173	.69417	.21025	.22452	6.361	.84491	1.7637
#2	58.395	6.7407	.69440	.21205	.22976	6.397	.86364	1.9975

Sample Name: J6214-52MSD Acquired: 12/14/2018 18:13:29 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.60136
Stddev	1.0812
%RSD	179.80

#1	-.16318
#2	1.3659

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2521.3	56150.	4160.3	93.538	3218.2
Stddev	2.3	67.	45.6	.830	7.3
%RSD	.08991	.11938	1.0961	.88706	.22801

#1	2522.9	56103.	4192.6	92.951	3223.3
#2	2519.7	56198.	4128.1	94.125	3213.0

Sample Name: J6214-52A Acquired: 12/14/2018 18:17:18 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.90136	2.0449	1.0318	2.4034	.92254	2.3708	.43394	.23265
Stddev	.00410	.0034	.0016	.0038	.00314	.0453	.00162	.00048
%RSD	.45459	.16420	.15102	.15793	.34057	1.9118	.37403	.20432
#1	.89846	2.0473	1.0307	2.4008	.92476	2.3388	.43509	.23232
#2	.90425	2.0425	1.0329	2.4061	.92032	2.4029	.43279	.23299
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21081	218.67	.43858	.21289	.33811	6.5444	4.4969	61.487
Stddev	.00041	.31	.00023	.00062	.00048	.0085	.0014	.158
%RSD	.19375	.14226	.05357	.29342	.14238	.12960	.03027	.25645
#1	.21109	218.45	.43875	.21333	.33845	6.5384	4.4979	61.376
#2	.21052	218.89	.43842	.21245	.33777	6.5503	4.4959	61.599
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52065	.07896	145.61	.34128	.24872	25.070	.45352	.42823
Stddev	.00105	.00011	.06	.00126	.00244	.055	.00153	.01952
%RSD	.20124	.14518	.03802	.36794	.98256	.22076	.33756	4.5588
#1	.52139	.07904	145.65	.34217	.25045	25.031	.45460	.41443
#2	.51990	.07888	145.57	.34040	.24699	25.110	.45244	.44204
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 58.707	6.6307	.69590	.20937	.22322	6.441	.84783	1.6965
Stddev	.187	.0403	.00055	.00083	.00085	.011	.00014	.0739
%RSD	.31820	.60787	.07936	.39701	.38225	.1632	.01609	4.3563
#1	58.839	6.6592	.69629	.20996	.22262	6.449	.84793	1.7488
#2	58.574	6.6022	.69551	.20879	.22383	6.434	.84773	1.6443

Sample Name: J6214-52A Acquired: 12/14/2018 18:17:18 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .15387
%RSD 67.133

#1 -.33801
#2 -.12040

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2509.4	56184.	4185.4	95.380	3205.4
Stddev	5.8	16.	12.9	1.010	8.6
%RSD	.23091	.02906	.30857	1.0593	.26784

#1	2505.3	56196.	4176.3	94.666	3199.4
#2	2513.5	56173.	4194.6	96.095	3211.5

Sample Name: J6357-01LX5 Acquired: 12/14/2018 18:21:06 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00733	-.00234	.01924	.00303	-.00029	4.9814	.01782	.00053
Stddev	.00057	.00065	.00089	.00136	.00140	.0088	.00027	.00001
%RSD	7.7154	27.931	4.6195	44.878	477.68	.17701	1.5100	2.0063

#1	.00693	-.00280	.01861	.00399	.00070	4.9876	.01763	.00053
#2	.00773	-.00188	.01986	.00207	-.00128	4.9752	.01801	.00054

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	27.181	.01982	.00674	.01552	14.550	.30268	7.0693
Stddev	.00008	.012	.00000	.00019	.00026	.058	.00016	.0344
%RSD	42.455	.04335	.02213	2.8426	1.7007	.39770	.05167	.48620

#1	-.00014	27.173	.01982	.00661	.01534	14.510	.30257	7.0936
#2	-.00025	27.189	.01982	.00688	.01571	14.591	.30279	7.0450

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04881	.00004	.38735	.02303	.04681	1.6721	-.00007	.00088
Stddev	.00035	.00003	.01175	.00007	.00011	.0277	.00001	.00193
%RSD	.71787	78.353	3.0343	.28302	.23067	1.6534	19.860	219.54

#1	.04856	.00002	.39566	.02298	.04689	1.6916	-.00008	-.00049
#2	.04906	.00006	.37904	.02308	.04673	1.6525	-.00006	.00225

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23660	.15261	.00121	.14367	.01334	.5683	.04311	<.00000
Stddev	.00539	.00159	.00015	.00025	.00134	.0001	.00003	.31229
%RSD	2.2773	1.0397	12.773	.17449	10.042	.0127	.07207	19.916

#1	.24041	.15373	.00131	.14384	.01429	.5683	.04313	-1.3472
#2	.23279	.15149	.00110	.14349	.01239	.5682	.04309	-1.7889

Sample Name: J6357-01LX5 Acquired: 12/14/2018 18:21:06 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01A Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.6900
Stddev	.3763
%RSD	13.989

#1	2.9561
#2	2.4239

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2723.4	60934.	4295.5	98.071	3602.7
Stddev	2.1	256.	26.1	.348	3.4
%RSD	.07613	.41935	.60751	.35450	.09426

#1	2724.8	60753.	4277.0	97.825	3600.3
#2	2721.9	61115.	4313.9	98.317	3605.1

Sample Name: J6357-02 Acquired: 12/14/2018 18:25:08 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6357-01MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75998	1.8937	1.0404	1.7954	.31892	28.253	.27210
Stddev	.00199	.0034	.0002	.0109	.00036	.274	.00135
%RSD	.26137	.18200	.02145	.60841	.11259	.96847	.49726

#1	.75858	1.8961	1.0406	1.7876	.31867	28.446	.27115
#2	.76139	1.8913	1.0403	1.8031	.31917	28.060	.27306

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19380	.18906	117.95	.48804	.22199	.41311	77.406
Stddev	.00013	.00013	.29	.00180	.00098	.00130	.454
%RSD	.06871	.07053	.24518	.36887	.44252	.31572	.58632

#1	.19371	.18897	117.75	.48932	.22269	.41219	77.726
#2	.19390	.18916	118.16	.48677	.22130	.41403	77.085

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4509	21.385	.57660	.06849	4.6157	.40789	.42189
Stddev	.0016	.056	.00050	.00060	.0248	.00141	.00005
%RSD	.11055	.26104	.08689	.87930	.53779	.34532	.01093

#1	1.4521	21.345	.57696	.06891	4.5982	.40689	.42186
#2	1.4498	21.424	.57625	.06806	4.6333	.40888	.42193

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.489	.34331	.32567	1.7269	1.6512	.60878	1.0058
Stddev	.067	.00104	.00643	.0150	.0128	.00230	.0117
%RSD	.34145	.30175	1.9739	.86833	.77520	.37797	1.1607

#1	19.442	.34257	.33022	1.7376	1.6422	.61040	.99755
#2	19.536	.34404	.32113	1.7163	1.6603	.60715	1.0141

Sample Name: J6357-02 Acquired: 12/14/2018 18:25:08 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J6357-01MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25803	8.100	.43818	<.00000	F<.00000
Stddev	.00243	.021	.00112	.31779	.97651
%RSD	.94077	.2571	.25535	17.271	8.0170

#1	.25631	8.086	.43739	-1.6154	-12.871
#2	.25974	8.115	.43897	-2.0648	-11.490

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2705.8	60934.	4297.8	93.544	3343.7
Stddev	6.2	334.	34.7	.080	4.4
%RSD	.22879	.54821	.80725	.08532	.13249

#1	2710.2	60698.	4322.3	93.600	3340.6
#2	2701.4	61170.	4273.2	93.488	3346.8

Sample Name: J6357-03 Acquired: 12/14/2018 18:28:58 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6357-01MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75831	1.8953	1.0390	1.7940	.32342	28.392	.26955
Stddev	.00632	.0072	.0016	.0153	.00276	.027	.00193
%RSD	.83323	.38080	.15798	.85465	.85265	.09619	.71496

#1	.76278	1.8902	1.0401	1.8048	.32147	28.412	.27091
#2	.75384	1.9004	1.0378	1.7832	.32537	28.373	.26819

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19406	.18894	117.11	.48812	.22160	.40531	79.386
Stddev	.00065	.00027	.46	.00019	.00029	.00673	.045
%RSD	.33283	.14140	.39462	.03921	.13248	1.6613	.05698

#1	.19452	.18875	117.43	.48799	.22139	.41007	79.418
#2	.19361	.18913	116.78	.48826	.22180	.40055	79.354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4525	21.252	.57157	.06871	4.5627	.40732	.43274
Stddev	.0028	.017	.00067	.00048	.0265	.00011	.00042
%RSD	.19506	.07947	.11673	.70172	.58074	.02632	.09798

#1	1.4545	21.240	.57204	.06905	4.5814	.40725	.43244
#2	1.4505	21.264	.57110	.06837	4.5439	.40740	.43304

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.275	.34322	.33792	1.6479	1.7236	.60724	1.0065
Stddev	.127	.00219	.01246	.0318	.0091	.00051	.0075
%RSD	.65731	.63801	3.6865	1.9284	.52869	.08439	.74820

#1	19.365	.34476	.34673	1.6704	1.7172	.60760	1.0012
#2	19.186	.34167	.32911	1.6255	1.7300	.60688	1.0118

Sample Name: J6357-03 Acquired: 12/14/2018 18:28:58 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J6357-01MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25728	8.075	.43276	<.00000	F<.00000
Stddev	.00146	.065	.00261	.16991	.00390
%RSD	.56649	.8048	.60350	8.8132	.03234
#1	.25625	8.029	.43460	-1.8078	-12.052
#2	.25831	8.121	.43091	-2.0480	-12.057
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2708.7	60866.	4340.0	91.505	3351.4
Stddev	14.4	96.	28.1	.280	9.5
%RSD	.53088	.15751	.64741	.30617	.28360
#1	2698.5	60798.	4320.2	91.307	3358.1
#2	2718.9	60934.	4359.9	91.703	3344.7

Sample Name: J6357-01A Acquired: 12/14/2018 18:32:46 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75384	1.8817	1.0320	1.7874	.32633	28.249	.26958
Stddev	.00094	.0026	.0009	.0155	.00016	.111	.00080
%RSD	.12409	.13618	.08308	.86659	.04998	.39201	.29751

#1	.75450	1.8799	1.0313	1.7765	.32645	28.327	.27015
#2	.75318	1.8835	1.0326	1.7984	.32621	28.170	.26902

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19523	.18922	111.12	.49134	.22188	.39119	78.476
Stddev	.00017	.00017	.02	.00193	.00031	.00106	2.490
%RSD	.08578	.08917	.01448	.39192	.13985	.27198	3.1734

#1	.19535	.18910	111.11	.49270	.22166	.39043	76.715
#2	.19512	.18934	111.13	.48998	.22210	.39194	80.237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4418	19.720	.56350	.06901	4.4168	.41172	.42480
Stddev	.0027	.092	.00164	.00026	.0041	.00030	.01276
%RSD	.18759	.46431	.29058	.37220	.09357	.07380	3.0046

#1	1.4437	19.655	.56234	.06882	4.4138	.41194	.41578
#2	1.4399	19.784	.56465	.06919	4.4197	.41151	.43383

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.421	.34260	.33730	1.5156	2.4009	.60668	1.0324
Stddev	.043	.00173	.01651	.0001	.0289	.00003	.0001
%RSD	.22046	.50573	4.8957	.00356	1.2025	.00540	.01441

#1	19.452	.34137	.34898	1.5156	2.3804	.60671	1.0325
#2	19.391	.34382	.32562	1.5156	2.4213	.60666	1.0323

Sample Name: J6357-01A Acquired: 12/14/2018 18:32:46 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01A Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25577	8.088	.42267	<.00000	F<.00000
Stddev	.00204	.002	.00179	.54989	.08522
%RSD	.79686	.0302	.42251	30.436	.75540

#1	.25721	8.086	.42393	-1.4179	-11.221
#2	.25433	8.089	.42141	-2.1955	-11.341

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2721.2	60948.	4348.4	93.212	3368.6
Stddev	7.0	481.	6.0	2.779	4.3
%RSD	.25633	.78966	.13732	2.9818	.12829

#1	2726.1	60608.	4344.2	95.177	3365.6
#2	2716.3	61289.	4352.7	91.247	3371.7

Sample Name: J6214-52MS Acquired: 12/14/2018 18:36:34 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.82738	1.8919	.95458	2.1909	.87550	2.1942	.41937	.22009
Stddev	.00504	.0016	.00208	.0066	.00099	.0479	.00168	.00374
%RSD	.60926	.08637	.21839	.30126	.11363	2.1810	.40013	1.6999
#1	.82381	1.8908	.95311	2.1862	.87621	2.1604	.42055	.21745
#2	.83094	1.8931	.95606	2.1955	.87480	2.2281	.41818	.22274
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19640	218.43	.40903	.19712	.31464	6.3237	4.5168	61.603
Stddev	.00061	.84	.00960	.00018	.00049	.1805	.0792	.139
%RSD	.31125	.38433	2.3469	.08955	.15567	2.8549	1.7539	.22540
#1	.19597	217.83	.40224	.19700	.31499	6.1961	4.4608	61.701
#2	.19683	219.02	.41582	.19725	.31429	6.4514	4.5728	61.505
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48131	.07184	146.96	.32079	.23506	24.227	.43115	.41296
Stddev	.00004	.00123	.32	.00550	.00412	.013	.00212	.00759
%RSD	.00830	1.7167	.21492	1.7153	1.7528	.05193	.49116	1.8382
#1	.48134	.07096	147.19	.31690	.23214	24.236	.43265	.41833
#2	.48128	.07271	146.74	.32468	.23797	24.218	.42965	.40759
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 57.533	6.6382	.65638	.21247	.21362	5.905	.83102	.78423
Stddev	.252	.0422	.00282	.00842	.00180	.024	.00264	.49908
%RSD	.43843	.63583	.42942	3.9619	.84395	.4059	.31750	63.639
#1	57.354	6.6680	.65838	.20652	.21489	5.888	.82915	.43133
#2	57.711	6.6083	.65439	.21842	.21234	5.922	.83289	1.1371

Sample Name: J6214-52MS Acquired: 12/14/2018 18:36:34 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2496
Stddev	.0468
%RSD	3.7418

#1	1.2166
#2	1.2827

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2548.2	56705.	4200.1	95.112	3259.2
Stddev	.7	1074.	23.4	1.620	.5
%RSD	.02744	1.8932	.55682	1.7028	.01504

#1	2548.7	57464.	4183.6	96.257	3258.9
#2	2547.7	55946.	4216.7	93.966	3259.6

Sample Name: CCV06 Acquired: 12/14/2018 18:40:23 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7541	4.8447	4.8366	4.8096	4.9790	9.6504	10.063
Stddev	.0144	.0076	.0222	.0198	.0236	.0687	.018
%RSD	.30386	.15580	.45921	.41188	.47423	.71215	.17946

#1	4.7439	4.8393	4.8209	4.7956	4.9623	9.6018	10.050
#2	4.7643	4.8500	4.8523	4.8236	4.9957	9.6990	10.075

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24819	2.4586	25.801	.97872	2.4130	1.2348	4.7326
Stddev	.00050	.0080	.088	.00541	.0087	.0073	.0503
%RSD	.20039	.32561	.34084	.55241	.35970	.59159	1.0635

#1	.24784	2.4529	25.864	.98254	2.4069	1.2297	4.7682
#2	.24855	2.4643	25.739	.97490	2.4192	1.2400	4.6971

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5383	26.067	2.3867	1.1779	25.089	2.4849	2.4732
Stddev	.0032	.321	.0053	.0041	.162	.0013	.0302
%RSD	.12516	1.2316	.22332	.34743	.64555	.05350	1.2199

#1	2.5405	25.840	2.3829	1.1808	24.974	2.4840	2.4945
#2	2.5360	26.294	2.3905	1.1750	25.203	2.4859	2.4519

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.386	4.9593	4.9556	4.5399	4.8262	4.6959	4.9240
Stddev	.006	.0247	.0337	.0045	.0128	.0115	.0074
%RSD	.02311	.49837	.68005	.09925	.26555	.24504	.15033

#1	24.382	4.9418	4.9318	4.5368	4.8171	4.6878	4.9188
#2	24.390	4.9768	4.9794	4.5431	4.8352	4.7041	4.9292

Sample Name: CCV06 Acquired: 12/14/2018 18:40:23 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9498	4.685	4.9916	F<.00000	F 3.2466
Stddev	.0095	.003	.0102	.13790	.1272
%RSD	.19283	.0535	.20457	44.641	3.9164
#1	4.9430	4.687	4.9988	-.21139	3.1567
#2	4.9565	4.684	4.9844	-.40640	3.3365
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2624.6	58399.	4139.5	92.657	3324.0
Stddev	7.0	107.	.4	1.323	.6
%RSD	.26823	.18358	.00873	1.4274	.01680
#1	2629.5	58323.	4139.8	91.721	3324.4
#2	2619.6	58475.	4139.3	93.592	3323.6

Sample Name: CCB06 Acquired: 12/14/2018 18:44:07 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	-.00076	.00194	.00039	.00120	.00556	-.00092
Stddev	.00035	.00020	.00151	.00068	.00207	.00747	.00009
%RSD	162.38	26.897	77.749	174.84	171.96	134.36	9.7984

#1	-.00003	-.00090	.00300	-.00009	-.00026	.01084	-.00086
#2	.00046	-.00061	.00087	.00087	.00266	.00028	-.00098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00000	.01464	.00067	.00024	.00005	-.00082
Stddev	.00004	.00001	.01558	.00049	.00013	.00012	.00099
%RSD	128.29	197.84	106.42	73.154	53.758	215.93	121.01

#1	-.00000	.00000	.02566	.00102	.00015	.00014	-.00012
#2	-.00007	-.00001	.00362	.00032	.00034	-.00003	-.00152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.01885	.00030	-.00044	.01786	-.00025	-.00013
Stddev	.00002	.02773	.00011	.00013	.00138	.00005	.00003
%RSD	12.286	147.08	38.744	29.282	7.7368	18.908	22.169

#1	.00016	-.00075	.00038	-.00035	.01688	-.00029	-.00011
#2	.00014	.03846	.00022	-.00053	.01884	-.00022	-.00015

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07069	.00024	-.01091	F .00535	-.00214	-.00063	.00206
Stddev	.03634	.00020	.00946	.00204	.00106	.00000	.00167
%RSD	51.408	81.824	86.687	38.059	49.619	.42431	80.998

#1	.09638	.00038	-.00422	.00391	-.00289	-.00064	.00325
#2	.04499	.00010	-.01760	.00679	-.00139	-.00063	.00088

Sample Name: CCB06 Acquired: 12/14/2018 18:44:07 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.0016	.00003	F<.00000	F<.00000
Stddev	.00038	.0001	.00006	.11097	.02339
%RSD	732.27	7.896	220.84	6.4605	2.9145

#1	-.00022	.0017	-.00001	-1.7961	-.81913
#2	.00032	.0015	.00006	-1.6392	-.78605

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2749.4	61371.	4243.2	96.508	3798.7
Stddev	3.2	199.	22.4	.943	6.7
%RSD	.11809	.32430	.52766	.97692	.17533

#1	2747.1	61230.	4227.3	97.175	3794.0
#2	2751.7	61511.	4259.0	95.842	3803.5

Sample Name: J6357-04 Acquired: 12/14/2018 18:48:24 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-07A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81781	-.02984	5.5585	.20466	.04003	125.01	4.6241	.00898
Stddev	.00341	.00173	.0009	.00303	.00051	.58	.0180	.00032
%RSD	.41687	5.7883	.01599	1.4796	1.2713	.46700	.38903	3.5501
#1	.82022	-.02862	5.5579	.20252	.04039	125.42	4.6368	.00921
#2	.81540	-.03106	5.5591	.20680	.03967	124.60	4.6114	.00876
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05236	502.49	F 3.8337	.29422	86.881	788.56	25.473	91.733
Stddev	.00209	1.01	.0131	.00116	.378	13.26	.060	.109
%RSD	3.9989	.20105	.34236	.39258	.43485	1.6812	.23422	.11919
#1	.05088	503.20	3.8430	.29340	87.149	797.93	25.515	91.810
#2	.05384	501.77	3.8245	.29504	86.614	779.18	25.431	91.656
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68532	.13450	5.0590	1.0295	16.305	9.5548	.07275	.59475
Stddev	.00098	.00344	.0073	.0010	.280	.0146	.00038	.00932
%RSD	.14292	2.5563	.14448	.09726	1.7171	.15289	.51592	1.5666
#1	.68462	.13693	5.0642	1.0302	16.503	9.5652	.07249	.60134
#2	.68601	.13207	5.0538	1.0288	16.107	9.5445	.07302	.58817
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.539	2.9795	.24980	4.4155	.15393	7.080	.34710	<.00000
Stddev	.029	.0055	.00035	.0176	.00081	.009	.01281	.06730
%RSD	.21486	.18322	.13811	.39891	.52849	.1218	3.6897	.66928
#1	13.519	2.9834	.24956	4.4031	.15336	7.074	.33804	-10.008
#2	13.560	2.9757	.25005	4.4280	.15451	7.086	.35616	-10.104

Sample Name: J6357-04 Acquired: 12/14/2018 18:48:24 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-07A Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg ^ *****
Stddev ----
%RSD ----

#1 ^ ----
#2 ^ ----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2495.8	58267.	4489.8	81.934	2740.7
Stddev	12.8	443.	18.3	1.507	3.6
%RSD	.51402	.76076	.40844	1.8396	.13048
#1	2486.7	57954.	4476.9	80.869	2738.2
#2	2504.8	58581.	4502.8	83.000	2743.2

Sample Name: J6357-05 Acquired: 12/14/2018 18:52:25 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-07B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0555	-.11020	12.910	.18542	.05612	497.39	4.9840	.02792
Stddev	.0001	.00287	.041	.00810	.00451	2.27	.0045	.00040
%RSD	.00430	2.6024	.31741	4.3682	8.0379	.45650	.09046	1.4456

#1	2.0554	-.11223	12.881	.17970	.05293	499.00	4.9808	.02820
#2	2.0555	-.10817	12.939	.19115	.05931	495.79	4.9872	.02763

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06336	F 2127.2	F 22.991	1.0459	139.16	F 1263.8	4.9038	273.75
Stddev	.00256	6.3	.049	.0034	.40	28.8	.0017	.05
%RSD	4.0454	.29461	.21369	.32190	.28731	2.2819	.03479	.01988

#1	.06517	2131.6	23.026	1.0435	138.87	1243.4	4.9051	273.71
#2	.06155	2122.8	22.956	1.0482	139.44	1284.2	4.9026	273.79

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8684	.09374	30.400	2.4514	23.044	59.506	.14167	.92483
Stddev	.0072	.00316	.042	.0017	.553	.097	.00038	.05638
%RSD	.38570	3.3734	.13927	.07092	2.4000	.16247	.26648	6.0962

#1	1.8633	.09150	30.370	2.4502	22.653	59.438	.14140	.88496
#2	1.8735	.09597	30.430	2.4526	23.436	59.575	.14194	.96469

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1915	2.7699	1.6032	F 10.116	.66331	F 28.40	2.4017	<.00000
Stddev	.0408	.0087	.0003	.011	.00360	.07	.0266	.02164
%RSD	.44427	.31442	.01701	.10855	.54342	.2546	1.1080	.15986

#1	9.1626	2.7637	1.6030	10.109	.66586	28.35	2.4205	-13.522
#2	9.2204	2.7761	1.6034	10.124	.66076	28.45	2.3828	-13.553

Sample Name: J6357-05 Acquired: 12/14/2018 18:52:25 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-07B Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg ^ *****
Stddev ----
%RSD ----

#1 ^ ----
#2 ^ ----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2455.2	58185.	4876.8	68.753	2077.2
Stddev	3.8	183.	12.1	1.621	3.6
%RSD	.15377	.31465	.24833	2.3579	.17454
#1	2457.8	58055.	4885.4	69.899	2079.8
#2	2452.5	58314.	4868.2	67.606	2074.6

Sample Name: J6357-06 Acquired: 12/14/2018 18:56:34 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-08A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0184	-.13858	25.961	.31471	.08825	486.90	7.5768	.05455
Stddev	.0074	.00458	.109	.01107	.00020	.55	.0585	.00006
%RSD	.36754	3.3036	.41915	3.5165	.22987	.11315	.77147	.11374

#1	2.0132	-.14182	26.038	.30689	.08840	487.29	7.6181	.05459
#2	2.0237	-.13534	25.884	.32254	.08811	486.51	7.5355	.05450

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09685	F 1963.3	F 16.249	1.8182	155.41	F 1996.8	4.8224	267.09
Stddev	.00522	.7	.048	.0050	.34	41.2	.0031	2.17
%RSD	5.3943	.03714	.29631	.27313	.21919	2.0623	.06368	.81102

#1	.10055	1963.8	16.283	1.8217	155.17	1967.7	4.8246	268.62
#2	.09316	1962.8	16.214	1.8147	155.65	2026.0	4.8202	265.56

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4122	.14401	39.754	1.6492	F 49.371	67.630	.21826	1.4089
Stddev	.0068	.00596	.257	.0022	.989	.397	.00035	.0389
%RSD	.20034	4.1390	.64651	.13245	2.0023	.58671	.16087	2.7635

#1	3.4171	.13980	39.936	1.6476	48.672	67.911	.21802	1.3813
#2	3.4074	.14823	39.572	1.6507	50.070	67.350	.21851	1.4364

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.536	2.8149	2.8821	8.6617	.60859	F 26.33	2.2939	<.00000
Stddev	.034	.0211	.0062	.0358	.00063	.06	.0698	.18035
%RSD	.29775	.75079	.21658	.41338	.10317	.2304	3.0426	.83880

#1	11.512	2.8298	2.8865	8.6870	.60814	26.37	2.3433	-21.374
#2	11.561	2.7999	2.8777	8.6364	.60903	26.29	2.2446	-21.629

Sample Name: J6357-06 Acquired: 12/14/2018 18:56:34 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-08A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg ^ *****
 Stddev -----
 %RSD -----

#1 ^ ----
 #2 ^ ----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2444.9	58505.	4871.4	62.421	1921.9
Stddev	9.2	224.	41.9	1.263	5.2
%RSD	.37440	.38341	.86106	2.0239	.26825
#1	2451.3	58346.	4841.7	63.314	1918.2
#2	2438.4	58663.	4901.1	61.528	1925.5

Sample Name: J6357-07 Acquired: 12/14/2018 19:00:49 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-08B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03829	-.00555	.02755	.01984	.00237	12.596	.35351	.00251
Stddev	.00104	.00078	.00050	.00061	.00061	.091	.00083	.00006
%RSD	2.7058	14.089	1.8292	3.0647	25.685	.72174	.23505	2.4604

#1	.03903	-.00610	.02790	.01941	.00280	12.532	.35410	.00247
#2	.03756	-.00499	.02719	.02027	.00194	12.660	.35293	.00256

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00225	38.163	.05018	.02662	.86597	49.695	.12382	7.7946
Stddev	.00001	.004	.00005	.00006	.00142	.547	.00023	.0591
%RSD	.57787	.01084	.10791	.24126	.16430	1.0999	.18969	.75795

#1	.00226	38.160	.05015	.02657	.86698	49.309	.12365	7.7528
#2	.00224	38.166	.05022	.02666	.86496	50.082	.12398	7.8364

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09524	.00542	1.5469	.12862	.71186	4.9091	.00997	.00384
Stddev	.00002	.00010	.0031	.00067	.00426	.0449	.00007	.00209
%RSD	.01610	1.7743	.20239	.52403	.59817	.91380	.68338	54.439

#1	.09525	.00536	1.5491	.12815	.70884	4.9408	.00993	.00236
#2	.09523	.00549	1.5447	.12910	.71487	4.8774	.01002	.00531

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2530	.66956	.00189	2.2054	.01531	.6485	.24689	<.00000
Stddev	.0032	.00864	.00010	.0014	.00008	.0012	.00080	.08077
%RSD	.13970	1.2906	5.3757	.06384	.51500	.1785	.32408	2.7936

#1	2.2552	.67567	.00182	2.2044	.01526	.6493	.24745	-2.8342
#2	2.2507	.66345	.00196	2.2064	.01537	.6477	.24632	-2.9485

Sample Name: J6357-07 Acquired: 12/14/2018 19:00:49 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-08B Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.1605
%RSD 128.95

#1 -1.7205
#2 -.07935

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2773.8	61919.	4364.2	96.749	3577.2
Stddev	.1	100.	31.4	.395	2.2
%RSD	.00238	.16072	.71953	.40841	.06245

#1	2773.7	61989.	4342.0	97.029	3575.7
#2	2773.8	61848.	4386.4	96.470	3578.8

Sample Name: J6357-08 Acquired: 12/14/2018 19:04:46 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21119	-.01092	1.3040	.04781	.01654	83.647	3.1449
Stddev	.00069	.00308	.0007	.00204	.00021	.140	.0277
%RSD	.32445	28.194	.05618	4.2756	1.2692	.16726	.88079

#1	.21071	-.00874	1.3045	.04925	.01639	83.548	3.1645
#2	.21168	-.01309	1.3035	.04636	.01669	83.746	3.1253

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00761	.01523	109.48	.10886	.05981	10.287	222.50
Stddev	.00008	.00066	.79	.00107	.00004	.012	4.59
%RSD	1.0115	4.3401	.71804	.98741	.06822	.11757	2.0644

#1	.00766	.01476	110.04	.10962	.05978	10.279	225.75
#2	.00755	.01570	108.93	.10810	.05983	10.296	219.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4766	16.028	.27508	.01957	2.2488	.22451	2.6049
Stddev	.0003	.060	.00036	.00021	.0119	.00024	.0658
%RSD	.01931	.37408	.12977	1.0636	.53048	.10910	2.5274

#1	1.4768	16.071	.27533	.01972	2.2573	.22469	2.6514
#2	1.4764	15.986	.27483	.01943	2.2404	.22434	2.5583

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3643	.03676	.13801	8.1671	1.8829	.13958	2.8254
Stddev	.0136	.00011	.00858	.0222	.0135	.00056	.0037
%RSD	.40330	.29957	6.2172	.27184	.71551	.39883	.13187

#1	3.3739	.03683	.14408	8.1828	1.8924	.13919	2.8280
#2	3.3547	.03668	.13194	8.1514	1.8734	.13998	2.8227

Sample Name: J6357-08 Acquired: 12/14/2018 19:04:46 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09A Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07202	3.785	1.2299	<.00000	F<.00000
Stddev	.00068	.001	.0025	.01992	1.4280
%RSD	.94218	.0184	.20350	.45415	1.2825

#1	.07154	3.784	1.2317	-4.3996	-112.35
#2	.07250	3.785	1.2281	-4.3714	-110.33

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2765.9	62127.	4618.6	94.138	3295.2
Stddev	5.0	59.	36.6	2.238	2.0
%RSD	.18072	.09490	.79319	2.3777	.06077

#1	2769.4	62169.	4592.7	92.556	3296.6
#2	2762.4	62085.	4644.5	95.721	3293.8

Sample Name: J6357-09 Acquired: 12/14/2018 19:08:39 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11548	-.01157	.46069	.05562	.00589	170.71	1.3799
Stddev	.00061	.00131	.00065	.00173	.00113	.01	.0156
%RSD	.52853	11.333	.14162	3.1049	19.282	.00674	1.1276

#1	.11591	-.01250	.46022	.05684	.00508	170.70	1.3909
#2	.11505	-.01064	.46115	.05440	.00669	170.72	1.3689

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00951	.00021	15.041	.23529	.09442	41.871	321.35
Stddev	.00021	.00067	.031	.00187	.00000	.002	3.94
%RSD	2.1717	314.16	.20323	.79366	.00514	.00389	1.2264

#1	.00966	-.00026	15.019	.23397	.09442	41.872	324.14
#2	.00937	.00069	15.063	.23661	.09441	41.870	318.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8621	28.751	.33375	.03083	.91095	.41689	.97218
Stddev	.0085	.099	.00030	.00005	.00953	.00086	.01941
%RSD	.29842	.34521	.09015	.15083	1.0461	.20543	1.9969

#1	2.8681	28.821	.33354	.03086	.91769	.41629	.98591
#2	2.8560	28.680	.33396	.03079	.90421	.41750	.95845

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7697	.00739	.05972	1.1558	1.2739	.01203	.78915
Stddev	.0230	.00038	.00885	.0041	.0037	.00044	.00077
%RSD	.33999	5.1587	14.826	.35377	.29295	3.6528	.09775

#1	6.7860	.00766	.06598	1.1529	1.2713	.01172	.78860
#2	6.7534	.00712	.05346	1.1587	1.2766	.01234	.78969

Sample Name: J6357-09 Acquired: 12/14/2018 19:08:39 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-09B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29927	3.941	-.21196	<.00000	F<.00000
Stddev	.00049	.000	.00432	.49329	3.6100
%RSD	.16360	.0028	2.0371	6.7832	1.8646

#1	.29962	3.941	-.21501	-6.9235	-191.05
#2	.29893	3.941	-.20891	-7.6211	-196.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2819.3	63638.	4664.5	93.241	3263.7
Stddev	5.3	395.	52.9	1.965	8.1
%RSD	.18666	.62071	1.1338	2.1079	.24707

#1	2815.6	63358.	4627.1	91.852	3258.0
#2	2823.0	63917.	4701.9	94.631	3269.4

Sample Name: J6357-10 Acquired: 12/14/2018 19:12:38 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01B Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00998	-.00259	.03465	.00141	-.00060	6.8611	.04050	.00066
Stddev	.00006	.00072	.00066	.00135	.00085	.0256	.00016	.00002
%RSD	.56881	27.817	1.9092	95.923	141.26	.37307	.40614	2.7603
#1	.01002	-.00310	.03512	.00236	-.00000	6.8430	.04062	.00064
#2	.00994	-.00208	.03418	.00045	-.00120	6.8792	.04039	.00067
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	1.3108	.02511	.00455	.06901	17.222	.07202	.87794
Stddev	.00006	.0082	.00046	.00002	.00003	.133	.00065	.04574
%RSD	161.55	.62632	1.8345	.38034	.05022	.77227	.90838	5.2096
#1	-.00008	1.3166	.02479	.00454	.06904	17.316	.07156	.84560
#2	.00001	1.3050	.02544	.00456	.06899	17.128	.07248	.91029
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00482	-.00040	.18323	.06549	.05498	.70776	.00088	-.01668
Stddev	.00059	.00034	.00504	.00043	.00089	.02121	.00001	.00529
%RSD	12.202	85.916	2.7486	.66321	1.6107	2.9966	1.2503	31.699
#1	.00523	-.00016	.17967	.06518	.05560	.72276	.00087	-.01294
#2	.00440	-.00064	.18680	.06580	.05435	.69276	.00088	-.02042
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05520	.57771	.00056	.15793	.00117	.2146	-.00494	<.00000
Stddev	.00244	.00329	.00042	.00056	.00221	.0002	.00003	.49426
%RSD	4.4214	.56894	74.331	.35729	189.16	.0930	.68263	13.163
#1	.05693	.57539	.00086	.15753	.00274	.2144	-.00492	-3.4055
#2	.05348	.58003	.00027	.15832	-.00040	.2147	-.00497	-4.1044

Sample Name: J6357-10 Acquired: 12/14/2018 19:12:38 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01B Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.0787
Stddev .3484
%RSD 11.317

#1 2.8324
#2 3.3251

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2797.2	63533.	4327.8	99.671	3748.3
Stddev	4.3	84.	7.3	1.232	14.0
%RSD	.15518	.13289	.16925	1.2356	.37393

#1	2794.1	63473.	4322.6	98.800	3758.2
#2	2800.3	63592.	4333.0	100.54	3738.4

Sample Name: J6199-06 Acquired: 12/14/2018 19:16:41 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-121218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00206	-.00461	.00904	-.00001	-.00053	.13225	.09882	.00005
Stddev	.00151	.00066	.00038	.00017	.00167	.00135	.00076	.00000
%RSD	73.460	14.394	4.2472	1703.4	315.83	1.0203	.76572	6.9996

#1	-.00312	-.00508	.00931	-.00013	.00065	.13321	.09936	.00005
#2	-.00099	-.00414	.00877	.00011	-.00171	.13130	.09829	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	20.611	.00097	.00717	.00956	.30452	.86260	3.7135
Stddev	.00001	.085	.00014	.00013	.00024	.00332	.00038	.0142
%RSD	15.496	.41159	14.477	1.8152	2.5459	1.0902	.04385	.38171

#1	.00010	20.671	.00107	.00707	.00973	.30687	.86287	3.7035
#2	.00008	20.551	.00087	.00726	.00939	.30218	.86234	3.7236

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00408	-.00048	341.20	.00014	.02600	.88660	.00005	.00080
Stddev	.00009	.00023	6.15	.00021	.00093	.01798	.00002	.00069
%RSD	2.2115	48.142	1.8022	145.51	3.5707	2.0278	31.832	86.516

#1	.00402	-.00032	345.55	.00029	.02666	.87389	.00004	.00031
#2	.00415	-.00065	336.85	-.00000	.02534	.89931	.00006	.00129

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19651	.57918	-.00003	.00185	.00220	.0058	.05788	<.00000
Stddev	.00390	.00366	.00077	.00201	.00129	.0011	.00044	.13883
%RSD	1.9855	.63227	2994.7	108.58	58.694	18.87	.75551	28.488

#1	.19927	.58177	.00052	.00327	.00312	.0050	.05819	-.38915
#2	.19376	.57659	-.00057	.00043	.00129	.0066	.05757	-.58548

Sample Name: J6199-06 Acquired: 12/14/2018 19:16:41 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-121218 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.8637
Stddev .7235
%RSD 38.820

#1 1.3521
#2 2.3753

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2573.1	56739.	4113.5	95.554	3262.4
Stddev	8.4	18.	43.1	3.247	4.8
%RSD	.32661	.03196	1.0476	3.3979	.14792

#1	2567.2	56726.	4083.1	93.258	3258.9
#2	2579.1	56752.	4144.0	97.850	3265.8

Sample Name: J6199-06DUP Acquired: 12/14/2018 19:20:51 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.00107	-.00540	.00806	.00339	.00063	.12529	.09923	.00003
Stddev	.00066	.00123	.00060	.00290	.00049	.00039	.00035	.00002
%RSD	61.879	22.826	7.4262	85.444	77.661	.30924	.35428	73.327

#1	-.00060	-.00627	.00848	.00544	.00098	.12556	.09948	.00004
#2	-.00154	-.00453	.00764	.00134	.00028	.12502	.09898	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	20.570	.00087	.00714	.00945	.30423	.86555	3.7668
Stddev	.00005	.133	.00027	.00033	.00054	.00307	.00121	.0012
%RSD	22.957	.64849	30.807	4.6458	5.6713	1.0105	.13939	.03101

#1	.00017	20.475	.00068	.00737	.00983	.30641	.86470	3.7660
#2	.00023	20.664	.00106	.00690	.00907	.30206	.86640	3.7677

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00363	-.00077	336.87	.00008	.02570	.94996	-.00009	.00334
Stddev	.00072	.00018	2.67	.00026	.00028	.04974	.00012	.00860
%RSD	19.740	22.879	.79238	311.06	1.0955	5.2364	140.32	257.40

#1	.00414	-.00065	338.76	.00026	.02590	.91479	-.00017	-.00274
#2	.00312	-.00090	334.99	-.00010	.02550	.98514	-.00000	.00942

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20027	.57890	.00003	.00113	.00451	.0060	.05782	<.00000
Stddev	.00022	.00871	.00018	.00126	.00054	.0010	.00023	.09448
%RSD	.11016	1.5051	607.61	111.84	11.929	16.17	.39833	31.016

#1	.20012	.58506	.00015	.00202	.00413	.0053	.05798	-.37144
#2	.20043	.57274	-.00010	.00024	.00489	.0066	.05766	-.23782

Sample Name: J6199-06DUP Acquired: 12/14/2018 19:20:51 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.7439
Stddev .0305
%RSD 1.7499

#1 1.7655
#2 1.7223

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2577.0	56862.	4135.0	95.221	3272.2
Stddev	6.1	177.	30.7	.701	9.2
%RSD	.23638	.31075	.74349	.73641	.27974

#1	2572.7	56737.	4113.2	94.725	3265.7
#2	2581.3	56987.	4156.7	95.717	3278.7

Sample Name: J6199-06LX5 Acquired: 12/14/2018 19:25:02 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.00042	-.00101	.00252	-.00059	-.00110	.02603	.01850	-.00001
Stddev	.00124	.00219	.00009	.00463	.00111	.00217	.00007	.00000
%RSD	297.04	215.43	3.5512	779.17	101.03	8.3289	.38253	47.918

#1	.00046	-.00256	.00259	-.00386	-.00188	.02450	.01845	-.00001
#2	-.00129	.00053	.00246	.00268	-.00031	.02757	.01855	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	4.1692	.00035	.00148	.00264	.05462	.17702	.81068
Stddev	.00006	.0028	.00001	.00011	.00046	.00649	.00000	.00869
%RSD	61.426	.06617	3.4828	7.3110	17.325	11.877	.00117	1.0717

#1	.00015	4.1711	.00034	.00140	.00296	.05921	.17701	.80454
#2	.00006	4.1672	.00036	.00156	.00232	.05003	.17702	.81682

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	-.00039	68.910	-.00057	.00540	.28505	.00010	-.01256
Stddev	.00076	.00009	.730	.00039	.00004	.01132	.00001	.00050
%RSD	96.877	23.511	1.0587	67.832	.65696	3.9713	10.142	3.9817

#1	.00132	-.00045	69.426	-.00030	.00542	.27705	.00011	-.01291
#2	.00025	-.00032	68.394	-.00084	.00537	.29306	.00009	-.01221

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03863	.11938	-.00113	.00183	.00378	.0039	.01171	<.00000
Stddev	.00119	.00053	.00041	.00034	.00115	.0001	.00002	.21907
%RSD	3.0737	.44520	36.116	18.699	30.456	2.136	.17812	9.2494

#1	.03779	.11975	-.00142	.00208	.00297	.0040	.01173	-2.2136
#2	.03947	.11900	-.00084	.00159	.00460	.0039	.01170	-2.5234

Sample Name: J6199-06LX5 Acquired: 12/14/2018 19:25:02 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .39308
Stddev .08168
%RSD 20.780

#1 .33533
#2 .45084

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2683.0	59987.	4195.2	98.101	3545.5
Stddev	8.3	128.	48.3	.527	19.9
%RSD	.30991	.21269	1.1502	.53690	.56011

#1	2677.1	59897.	4161.1	98.473	3531.4
#2	2688.8	60077.	4229.3	97.729	3559.5

Sample Name: CCV07 Acquired: 12/14/2018 19:29:07 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DODW

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7900	4.8939	4.8895	4.8410	5.0539	9.7173	10.419
Stddev	.0034	.0095	.0032	.0044	.0113	.0017	.028
%RSD	.07033	.19315	.06504	.09180	.22441	.01699	.26834

#1	4.7876	4.8872	4.8872	4.8378	5.0619	9.7161	10.399
#2	4.7924	4.9006	4.8917	4.8441	5.0459	9.7184	10.439

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25197	2.4990	26.141	.97757	2.4487	1.2488	4.6707
Stddev	.00065	.0019	.089	.00103	.0033	.0013	.1134
%RSD	.25613	.07772	.33878	.10546	.13609	.10207	2.4286

#1	.25243	2.4976	26.078	.97830	2.4464	1.2497	4.5905
#2	.25151	2.5004	26.203	.97684	2.4511	1.2479	4.7509

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5689	26.847	2.4156	1.1669	25.799	2.5196	2.4575
Stddev	.0014	.084	.0010	.0001	.116	.0012	.0513
%RSD	.05484	.31158	.04108	.01147	.45102	.04739	2.0874

#1	2.5699	26.907	2.4149	1.1670	25.716	2.5204	2.4212
#2	2.5679	26.788	2.4164	1.1668	25.881	2.5187	2.4937

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.835	5.0337	5.1027	4.5421	4.8915	4.6987	4.9972
Stddev	.105	.0094	.0144	.0171	.0182	.0052	.0125
%RSD	.42083	.18566	.28186	.37626	.37279	.11053	.25033

#1	24.761	5.0403	5.1129	4.5542	4.8786	4.6950	4.9883
#2	24.909	5.0271	5.0925	4.5300	4.9044	4.7023	5.0060

Sample Name: CCV07 Acquired: 12/14/2018 19:29:07 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DODW

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0553	4.732	5.0841	F<.00000	F 3.6087
Stddev	.0212	.008	.0254	.02146	.6860
%RSD	.41999	.1709	.49885	1.4767	19.011

#1	5.0403	4.726	5.0662	-1.4686	3.1236
#2	5.0704	4.737	5.1021	-1.4382	4.0938

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2624.0	58982.	4110.9	94.552	3328.5
Stddev	12.1	43.	6.9	1.615	11.0
%RSD	.46226	.07280	.16749	1.7084	.33024

#1	2615.4	58952.	4115.7	95.694	3320.7
#2	2632.6	59012.	4106.0	93.409	3336.2

Sample Name: CCB07 Acquired: 12/14/2018 19:32:52 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DODW

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00065	.00131	-.00279	.00264	.00987	-.00139
Stddev	.00082	.00015	.00022	.00162	.00061	.00863	.00053
%RSD	1090.6	23.503	17.113	58.101	23.078	87.484	38.466

#1	.00050	-.00076	.00147	-.00164	.00221	.01597	-.00177
#2	-.00066	-.00055	.00115	-.00393	.00307	.00376	-.00101

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00006	.00820	.00083	-.00005	.00090	-.00628
Stddev	.00000	.00010	.00929	.00009	.00014	.00005	.00623
%RSD	.38386	161.84	113.34	10.523	305.74	5.1446	99.274

#1	-.00003	.00013	.00163	.00089	.00005	.00094	-.00187
#2	-.00003	-.00001	.01477	.00077	-.00015	.00087	-.01068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01181	.00016	-.00043	.01477	-.00035	.00040
Stddev	.00006	.01044	.00013	.00021	.00446	.00003	.00016
%RSD	374.97	88.390	77.076	48.137	30.206	7.5171	40.449

#1	.00005	.01919	.00007	-.00057	.01161	-.00033	.00052
#2	-.00002	.00443	.00025	-.00028	.01792	-.00037	.00029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07494	.00028	-.01455	-.00140	-.00215	-.00040	.00106
Stddev	.00484	.00007	.00363	.00116	.00003	.00005	.00040
%RSD	6.4569	26.445	24.914	82.946	1.2081	12.229	37.767

#1	.07836	.00034	-.01199	-.00058	-.00217	-.00036	.00078
#2	.07152	.00023	-.01712	-.00222	-.00213	-.00043	.00135

Sample Name: CCB07 Acquired: 12/14/2018 19:32:52 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment: DODW

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00091	.0029	.00011	F<.00000	<.00000
Stddev	.00125	.0019	.00002	.25409	.00736
%RSD	137.94	65.32	16.615	7.2459	98.196
#1	.00179	.0016	.00010	-3.3270	-.01269
#2	.00002	.0042	.00013	-3.6864	-.00229
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2757.4	62393.	4203.1	100.55	3821.1
Stddev	.7	236.	2.2	.29	2.2
%RSD	.02499	.37803	.05261	.29302	.05866
#1	2757.9	62226.	4204.6	100.34	3819.5
#2	2756.9	62560.	4201.5	100.76	3822.7

Sample Name: J6199-06MS Acquired: 12/14/2018 19:36:57 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71124	1.6965	.87593	1.8151	.73723	1.9791	.29680
Stddev	.00728	.0016	.00268	.0115	.00779	.0542	.00086
%RSD	1.0236	.09282	.30550	.63223	1.0562	2.7406	.29137

#1	.71639	1.6976	.87404	1.8232	.74273	1.9407	.29619
#2	.70609	1.6954	.87782	1.8070	.73172	2.0175	.29741

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18615	.18317	21.162	.37318	.19050	.28437	2.9161
Stddev	.00316	.00045	.026	.00638	.00025	.00192	.0472
%RSD	1.6972	.24612	.12292	1.7106	.13102	.67621	1.6180

#1	.18392	.18285	21.143	.36867	.19068	.28573	2.9495
#2	.18839	.18349	21.180	.37769	.19032	.28301	2.8828

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0294	5.7883	.45374	.06216	333.84	.29235	.20291
Stddev	.0212	.0463	.00002	.00011	2.84	.00694	.00250
%RSD	2.0564	.80001	.00528	.18470	.85043	2.3733	1.2310

#1	1.0144	5.7556	.45376	.06208	331.83	.28744	.20468
#2	1.0443	5.8211	.45373	.06224	335.84	.29725	.20114

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.711	.37487	.27531	.18646	1.3746	.58244	.18263
Stddev	.060	.00291	.02455	.00209	.0121	.00117	.00269
%RSD	.56043	.77574	8.9191	1.1224	.87945	.20173	1.4753

#1	10.669	.37692	.25794	.18498	1.3660	.58161	.18073
#2	10.754	.37281	.29267	.18794	1.3831	.58327	.18454

Sample Name: J6199-06MS Acquired: 12/14/2018 19:36:57 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20126	5.121	.23754	<.00000	F<.00000
Stddev	.00135	.014	.00025	.14330	.74736
%RSD	.67018	.2641	.10442	17.407	66.041

#1	.20030	5.131	.23771	-.92456	-1.6601
#2	.20221	5.112	.23736	-.72190	-.60319

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2581.8	57880.	4123.8	95.512	3288.3
Stddev	20.9	759.	6.2	1.268	5.8
%RSD	.81041	1.3110	.14967	1.3270	.17538

#1	2567.0	58417.	4128.1	94.616	3284.2
#2	2596.6	57344.	4119.4	96.409	3292.3

Sample Name: J6199-06MSD Acquired: 12/14/2018 19:40:53 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.71463	1.6995	.88218	1.8231	.74187	1.9963	.29650	.18900
Stddev	.00364	.0040	.00281	.0048	.00091	.0025	.00162	.00030
%RSD	.50876	.23243	.31871	.26334	.12306	.12460	.54803	.15639
#1	.71206	1.6967	.88020	1.8265	.74251	1.9946	.29536	.18921
#2	.71720	1.7023	.88417	1.8197	.74122	1.9981	.29765	.18879
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18360	21.254	.37731	.19146	.28606	2.9229	1.0447	5.8221
Stddev	.00026	.085	.00085	.00111	.00052	.0152	.0004	.0053
%RSD	.14165	.40122	.22609	.57863	.18004	.52013	.03411	.09062
#1	.18342	21.193	.37670	.19068	.28642	2.9121	1.0444	5.8183
#2	.18378	21.314	.37791	.19224	.28569	2.9336	1.0449	5.8258
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45475	.06303	332.64	.29725	.20203	10.809	.37699	.27385
Stddev	.00074	.00124	1.25	.00114	.00102	.011	.00118	.00689
%RSD	.16277	1.9648	.37664	.38227	.50671	.10409	.31400	2.5169
#1	.45423	.06216	331.75	.29644	.20130	10.801	.37615	.26897
#2	.45527	.06391	333.52	.29805	.20275	10.817	.37782	.27872
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18491	1.3851	.58570	.18414	.20350	5.141	.23758	<.00000
Stddev	.00377	.0042	.00038	.00272	.00318	.004	.00082	.13869
%RSD	2.0410	.30313	.06564	1.4793	1.5618	.0740	.34569	16.052
#1	.18758	1.3880	.58542	.18222	.20125	5.139	.23700	-.96208
#2	.18224	1.3821	.58597	.18607	.20574	5.144	.23816	-.76594

Sample Name: J6199-06MSD Acquired: 12/14/2018 19:40:53 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.3512
 %RSD 287.20

#1 .48496
 #2 -1.4259

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2572.1	57438.	4133.2	96.099	3287.7
Stddev	.8	59.	6.9	.782	12.8
%RSD	.02937	.10216	.16643	.81351	.38936

#1	2572.7	57396.	4138.0	96.652	3296.7
#2	2571.6	57479.	4128.3	95.546	3278.6

Sample Name: J6199-06A Acquired: 12/14/2018 19:44:49 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.71506	1.7122	.88229	1.8114	.73722	1.9769	.29702	.18859
Stddev	.00368	.0016	.00073	.0055	.00116	.0115	.00070	.00004
%RSD	.51509	.09127	.08241	.30129	.15722	.58125	.23661	.02152

#1	.71767	1.7111	.88177	1.8076	.73804	1.9850	.29652	.18856
#2	.71246	1.7133	.88280	1.8153	.73640	1.9687	.29751	.18862

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18443	21.367	.37582	.19193	.28442	2.9224	1.0414	5.7314
Stddev	.00012	.009	.00156	.00027	.00198	.0131	.0003	.0129
%RSD	.06533	.04188	.41530	.14103	.69738	.44868	.03118	.22517

#1	.18435	21.373	.37693	.19212	.28582	2.9131	1.0417	5.7222
#2	.18452	21.360	.37472	.19174	.28302	2.9316	1.0412	5.7405

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45660	.06246	336.53	.29615	.20202	10.866	.37610	.26974
Stddev	.00048	.00072	.83	.00098	.00036	.029	.00001	.00423
%RSD	.10610	1.1480	.24616	.33052	.17677	.26768	.00382	1.5689

#1	.45694	.06297	335.94	.29684	.20176	10.887	.37609	.27274
#2	.45626	.06195	337.12	.29545	.20227	10.846	.37611	.26675

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18792	1.3932	.58782	.18530	.20664	5.143	.23911	<.00000
Stddev	.00249	.0086	.00187	.00117	.00170	.005	.00056	.25663
%RSD	1.3262	.61568	.31812	.63398	.82243	.1070	.23298	31.168

#1	.18616	1.3992	.58650	.18613	.20784	5.139	.23950	-.64192
#2	.18969	1.3871	.58914	.18447	.20544	5.147	.23871	-1.0049

Sample Name: J6199-06A Acquired: 12/14/2018 19:44:49 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .71995
%RSD 78.177

#1 -.41184
#2 -1.4300

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2574.1	57344.	4084.5	95.814	3268.0
Stddev	13.5	65.	11.1	.226	11.5
%RSD	.52286	.11263	.27073	.23588	.35315

#1	2564.6	57299.	4076.6	95.654	3259.8
#2	2583.6	57390.	4092.3	95.974	3276.1

Sample Name: J6358-02 Acquired: 12/14/2018 19:48:46 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW271- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	-.00314	.00101	-.00070	.00202	.09429	.03732	-.00007
Stddev	.00115	.00077	.00035	.00263	.00009	.00107	.00109	.00005
%RSD	549.73	24.430	34.911	372.50	4.6060	1.1338	2.9210	73.619

#1	.00103	-.00368	.00076	-.00256	.00209	.09353	.03809	-.00003
#2	-.00061	-.00260	.00126	.00115	.00195	.09505	.03655	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00315	21.635	.01961	.00003	.00056	.06696	.00315	3.8099
Stddev	.00004	.083	.00007	.00004	.00026	.00266	.00002	.0983
%RSD	1.2960	.38199	.37966	126.12	45.479	3.9766	.76428	2.5800

#1	.00313	21.693	.01956	.00007	.00074	.06508	.00317	3.8794
#2	.00318	21.576	.01966	.00000	.00038	.06885	.00313	3.7404

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00348	-.00071	31.775	.00071	.01536	2.7209	.00011	.00908
Stddev	.00019	.00020	.221	.00022	.00029	.0726	.00014	.00525
%RSD	5.3651	28.947	.69447	31.059	1.8680	2.6669	131.48	57.774

#1	.00362	-.00085	31.931	.00087	.01556	2.7722	.00001	.00537
#2	.00335	-.00056	31.619	.00055	.01516	2.6696	.00021	.01279

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5851	4.6448	-.00210	.00023	.01876	.0377	1.2647	<.00000
Stddev	.0047	.0299	.00039	.00116	.00231	.0008	.0090	.09629
%RSD	.18380	.64367	18.435	513.82	12.313	2.126	.71514	3.3586

#1	2.5818	4.6659	-.00182	.00104	.02040	.0383	1.2711	-2.7988
#2	2.5885	4.6237	-.00237	-.00059	.01713	.0371	1.2583	-2.9350

Sample Name: J6358-02 Acquired: 12/14/2018 19:48:46 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW27I- Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .89014
Stddev .73149
%RSD 82.177

#1 .37290
#2 1.4074

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2703.4	61000.	4188.2	99.106	3689.0
Stddev	17.4	66.	34.0	.941	7.4
%RSD	.64286	.10853	.81169	.94942	.20120

#1	2691.1	61047.	4164.2	98.441	3694.3
#2	2715.7	60953.	4212.2	99.772	3683.8

Sample Name: J6358-02DUP Acquired: 12/14/2018 19:52:49 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00269	-.00252	.00109	.00013	-.00009	.09104	.03847	-.00008
Stddev	.00076	.00031	.00073	.00249	.00145	.00242	.00066	.00003
%RSD	28.401	12.309	67.225	1955.3	1602.0	2.6591	1.7238	35.908

#1	.00215	-.00230	.00161	.00188	-.00111	.08933	.03800	-.00010
#2	.00323	-.00274	.00057	-.00163	.00093	.09275	.03894	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00310	21.620	.01920	-.00005	.00073	.06785	.00306	3.8608
Stddev	.00004	.025	.00032	.00007	.00024	.00204	.00011	.0054
%RSD	1.3627	.11438	1.6826	153.07	33.094	3.0022	3.4687	.13992

#1	.00307	21.602	.01897	.00000	.00056	.06930	.00299	3.8570
#2	.00313	21.637	.01943	-.00010	.00090	.06641	.00314	3.8646

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00366	-.00085	31.511	.00048	.01501	2.6662	.00027	.01490
Stddev	.00024	.00006	.042	.00013	.00013	.0347	.00023	.01323
%RSD	6.6452	7.5385	.13453	26.151	.86258	1.3026	86.325	88.830

#1	.00349	-.00081	31.481	.00039	.01492	2.6417	.00043	.02426
#2	.00384	-.00090	31.541	.00057	.01510	2.6908	.00010	.00554

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5777	4.6100	-.00221	.00023	.01678	.0371	1.2638	<.00000
Stddev	.0123	.0037	.00088	.00113	.00164	.0000	.0012	.05058
%RSD	.47537	.08071	39.677	490.84	9.7794	.0173	.09445	1.9284

#1	2.5864	4.6073	-.00159	.00103	.01562	.0371	1.2646	-2.5873
#2	2.5691	4.6126	-.00283	-.00057	.01794	.0370	1.2629	-2.6589

Sample Name: J6358-02DUP Acquired: 12/14/2018 19:52:49 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .58302
%RSD 5907.8

#1 -.42213
#2 .40239

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2701.6	60968.	4209.6	99.093	3684.4
Stddev	6.1	174.	1.3	.637	13.8
%RSD	.22736	.28483	.03031	.64318	.37457

#1	2705.9	60845.	4210.5	99.544	3674.6
#2	2697.2	61090.	4208.7	98.642	3694.1

Sample Name: J6358-02LX5 Acquired: 12/14/2018 19:56:52 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00143	-.00208	.00020	-.00146	.00009	.02815	.00710	.00001
Stddev	.00037	.00076	.00027	.00270	.00134	.02086	.00014	.00006
%RSD	26.037	36.567	136.30	184.54	1482.3	74.113	2.0063	890.06

#1	-.00170	-.00154	.00001	.00045	-.00086	.04291	.00720	.00005
#2	-.00117	-.00262	.00039	-.00337	.00104	.01340	.00699	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	4.4247	.00416	.00011	.00003	.00418	.00071	.76091
Stddev	.00001	.0279	.00027	.00035	.00051	.00183	.00000	.03898
%RSD	1.3141	.63059	6.4051	334.73	1506.2	43.757	.38987	5.1225

#1	.00075	4.4444	.00435	.00036	-.00033	.00288	.00071	.73335
#2	.00076	4.4050	.00397	-.00014	.00040	.00547	.00071	.78847

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	-.00042	6.4662	.00070	.00333	.62621	-.00032	-.01412
Stddev	.00012	.00074	.0375	.00006	.00000	.01067	.00015	.00997
%RSD	13.118	173.36	.57973	8.9783	.04163	1.7034	48.705	70.615

#1	.00083	-.00094	6.4927	.00074	.00333	.61867	-.00021	-.00707
#2	.00100	.00010	6.4397	.00065	.00333	.63376	-.00043	-.02116

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52812	.98303	-.00048	.00064	.00309	.0112	.26033	<.00000
Stddev	.00592	.01039	.00019	.00076	.00108	.0001	.00069	.23233
%RSD	1.1203	1.0568	40.288	119.15	34.938	.9919	.26452	6.7452

#1	.52394	.99038	-.00034	.00010	.00233	.0111	.26082	-3.2801
#2	.53231	.97569	-.00062	.00117	.00386	.0113	.25985	-3.6087

Sample Name: J6358-02LX5 Acquired: 12/14/2018 19:56:52 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .53617
 %RSD 70.818

#1 -.37799
 #2 -1.1362

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2746.6	62141.	4213.0	99.086	3799.5
Stddev	8.4	128.	34.1	3.137	8.7
%RSD	.30608	.20632	.80984	3.1664	.22939

#1	2740.7	62050.	4188.9	96.868	3805.7
#2	2752.6	62232.	4237.2	101.30	3793.4

Sample Name: J6358-02MS Acquired: 12/14/2018 20:00:56 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58788	1.4624	.72733	1.4571	.64144	1.6014	.20765
Stddev	.00022	.0027	.00256	.0083	.00200	.0015	.00044
%RSD	.03683	.18396	.35215	.56772	.31224	.09490	.21034

#1	.58803	1.4643	.72914	1.4629	.64285	1.6025	.20734
#2	.58773	1.4605	.72552	1.4512	.64002	1.6003	.20795

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15545	.15090	21.853	.33846	.15142	.24134	2.2905
Stddev	.00006	.00078	.147	.00067	.00100	.00109	.0623
%RSD	.03867	.51799	.67279	.19852	.65884	.45024	2.7201

#1	.15541	.15145	21.749	.33799	.15213	.24211	2.2465
#2	.15549	.15035	21.957	.33894	.15072	.24057	2.3346

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17236	5.3892	.37463	.05256	33.335	.25048	.16552
Stddev	.00044	.0140	.00117	.00009	.010	.00068	.00362
%RSD	.25308	.26015	.31252	.17880	.02949	.27030	2.1854

#1	.17267	5.3793	.37545	.05263	33.341	.25000	.16297
#2	.17205	5.3991	.37380	.05249	33.328	.25096	.16808

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.542	.32795	.23796	2.4857	5.2321	.49374	.15865
Stddev	.019	.00035	.02201	.0116	.0014	.00382	.00078
%RSD	.18368	.10690	9.2500	.46605	.02695	.77458	.48857

#1	10.529	.32820	.22240	2.4939	5.2311	.49644	.15920
#2	10.556	.32770	.25353	2.4775	5.2331	.49103	.15810

Sample Name: J6358-02MS Acquired: 12/14/2018 20:00:56 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17967	3.996	1.3880	<.00000	F<.00000
Stddev	.00200	.011	.0037	.03885	.04221
%RSD	1.1140	.2852	.26956	1.3887	1.8422

#1	.18109	4.004	1.3853	-2.7699	-2.3211
#2	.17826	3.988	1.3906	-2.8248	-2.2614

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2679.7	60708.	4131.5	98.201	3622.4
Stddev	9.8	59.	2.2	1.870	17.8
%RSD	.36560	.09792	.05213	1.9043	.49078

#1	2672.7	60666.	4129.9	99.523	3609.8
#2	2686.6	60750.	4133.0	96.879	3635.0

Sample Name: J6358-02MSD Acquired: 12/14/2018 20:04:47 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57698	1.4396	.71502	1.4256	.63336	1.5928	.20569
Stddev	.00162	.0012	.00129	.0013	.00136	.0140	.00004
%RSD	.28117	.08036	.18100	.09085	.21460	.88165	.01759

#1	.57813	1.4387	.71410	1.4246	.63240	1.5829	.20566
#2	.57584	1.4404	.71593	1.4265	.63433	1.6027	.20571

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15295	.14841	21.666	.33341	.14896	.23734	2.2784
Stddev	.00048	.00024	.023	.00014	.00037	.00028	.0306
%RSD	.31462	.16248	.10409	.04316	.24871	.11876	1.3415

#1	.15329	.14824	21.682	.33351	.14923	.23754	2.2568
#2	.15261	.14858	21.651	.33330	.14870	.23714	2.3000

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16931	5.3940	.36752	.05160	33.001	.24703	.16595
Stddev	.00025	.0619	.00081	.00040	.017	.00115	.00145
%RSD	.14707	1.1470	.21911	.77665	.05029	.46437	.87410

#1	.16913	5.3503	.36809	.05131	33.012	.24784	.16698
#2	.16949	5.4377	.36695	.05188	32.989	.24622	.16493

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.386	.32269	.23925	2.4682	5.2179	.48771	.15840
Stddev	.014	.00014	.00957	.0062	.0351	.00185	.00352
%RSD	.13089	.04348	3.9996	.25280	.67244	.37920	2.2202

#1	10.376	.32259	.23248	2.4726	5.2427	.48640	.15591
#2	10.395	.32279	.24601	2.4638	5.1931	.48902	.16088

Sample Name: J6358-02MSD Acquired: 12/14/2018 20:04:47 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17501	3.928	1.3759	<.00000	F<.00000
Stddev	.00118	.004	.0032	.12673	.75932
%RSD	.67437	.1099	.22935	4.6148	54.490

#1	.17584	3.931	1.3781	-2.8357	-.85658
#2	.17417	3.925	1.3737	-2.6565	-1.9304

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2703.8	60811.	4112.5	96.886	3641.4
Stddev	6.0	26.	28.7	.981	9.7
%RSD	.22317	.04292	.69885	1.0126	.26507

#1	2699.5	60793.	4092.2	96.192	3634.6
#2	2708.1	60830.	4132.9	97.580	3648.2

Sample Name: J6358-02A Acquired: 12/14/2018 20:08:37 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57844	1.4462	.71651	1.4286	.63654	1.5988	.20467
Stddev	.00262	.0068	.00109	.0046	.00064	.0202	.00043
%RSD	.45262	.47254	.15206	.32116	.10020	1.2646	.21127

#1	.57659	1.4413	.71574	1.4253	.63609	1.6131	.20498
#2	.58029	1.4510	.71728	1.4318	.63699	1.5845	.20437

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15312	.14881	21.799	.33341	.14994	.23790	2.2596
Stddev	.00008	.00081	.083	.00106	.00124	.00111	.0258
%RSD	.05462	.54351	.38293	.31735	.82908	.46795	1.1429

#1	.15306	.14824	21.740	.33266	.14906	.23712	2.2778
#2	.15317	.14938	21.858	.33416	.15082	.23869	2.2413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16938	5.3354	.36876	.05141	32.991	.24699	.16652
Stddev	.00029	.0188	.00134	.00058	.037	.00106	.00214
%RSD	.16948	.35264	.36326	1.1337	.11179	.43100	1.2833

#1	.16917	5.3221	.36781	.05182	32.965	.24623	.16803
#2	.16958	5.3487	.36971	.05100	33.017	.24774	.16501

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.297	.32529	.23997	2.4742	5.1796	.48985	.15601
Stddev	.005	.00168	.01293	.0141	.0252	.00096	.00052
%RSD	.05035	.51686	5.3862	.57069	.48567	.19547	.33559

#1	10.293	.32410	.24911	2.4643	5.1618	.48917	.15638
#2	10.301	.32648	.23083	2.4842	5.1974	.49052	.15564

Sample Name: J6358-02A Acquired: 12/14/2018 20:08:37 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17447	3.948	1.3757	<.00000	F<.00000
Stddev	.00119	.020	.0103	.24568	.35230
%RSD	.68317	.5157	.74866	8.6215	17.060

#1	.17531	3.934	1.3684	-2.6760	-2.3142
#2	.17363	3.963	1.3830	-3.0234	-1.8160

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2690.1	60616.	4109.3	96.839	3628.4
Stddev	8.3	186.	12.6	1.623	9.3
%RSD	.30776	.30638	.30601	1.6759	.25630

#1	2695.9	60484.	4118.2	95.692	3634.9
#2	2684.2	60747.	4100.4	97.987	3621.8

Sample Name: J6358-03 Acquired: 12/14/2018 20:12:27 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 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	-.00211	-.00038	.00304	-.00076	.30439	.01125	-.00001
Stddev	.00360	.00036	.00008	.00138	.00199	.00226	.00055	.00008
%RSD	474.60	16.852	21.997	45.516	262.61	.74104	4.9340	1050.3

#1	-.00179	-.00236	-.00044	.00206	.00065	.30280	.01085	.00005
#2	.00330	-.00186	-.00032	.00402	-.00217	.30599	.01164	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	4.0682	.00364	.00008	.01418	.24578	.00153	.89612
Stddev	.00005	.0386	.00000	.00003	.00020	.01403	.00001	.01955
%RSD	12.631	.95000	.11969	33.926	1.4066	5.7079	.95385	2.1821

#1	.00037	4.0408	.00364	.00006	.01432	.25570	.00152	.88229
#2	.00044	4.0955	.00365	.00010	.01404	.23586	.00154	.90994

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	-.00012	5.3149	.00074	.01790	.73303	.00046	.00112
Stddev	.00010	.00030	.0277	.00047	.00028	.03639	.00018	.01635
%RSD	4.3353	249.16	.52036	63.674	1.5618	4.9642	38.140	1454.4

#1	.00221	-.00033	5.3344	.00041	.01770	.75876	.00059	.01268
#2	.00235	.00009	5.2953	.00107	.01810	.70729	.00034	-.01044

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41699	1.8274	-.00112	.00709	-.00088	.0116	.01858	<.00000
Stddev	.00145	.0082	.00005	.00047	.00104	.0006	.00006	.04386
%RSD	.34670	.44784	4.8855	6.6670	118.09	5.217	.34215	1.1688

#1	.41597	1.8332	-.00116	.00675	-.00161	.0121	.01862	-3.7833
#2	.41802	1.8216	-.00108	.00742	-.00015	.0112	.01853	-3.7213

Sample Name: J6358-03 Acquired: 12/14/2018 20:12:27 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.26672
%RSD	111.37

#1	-.05090
#2	-.42810

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2758.3	62678.	4218.6	99.042	3821.0
Stddev	7.2	204.	3.5	1.044	13.4
%RSD	.26069	.32513	.08289	1.0543	.35143

#1	2763.4	62534.	4221.0	99.781	3830.5
#2	2753.2	62822.	4216.1	98.304	3811.5

Sample Name: CCV08 Acquired: 12/14/2018 20:16:32 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14345 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7022	4.8266	4.8272	4.7684	4.9759	9.6797	10.207
Stddev	.0209	.0071	.0038	.0203	.0065	.0464	.012
%RSD	.44519	.14721	.07800	.42590	.12982	.47967	.11321

#1	4.7170	4.8316	4.8246	4.7828	4.9804	9.6468	10.215
#2	4.6874	4.8215	4.8299	4.7541	4.9713	9.7125	10.199

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25070	2.4736	25.956	.97401	2.4130	1.2305	4.6486
Stddev	.00039	.0008	.196	.00452	.0007	.0022	.0551
%RSD	.15537	.03198	.75488	.46437	.03064	.18133	1.1846

#1	.25042	2.4742	25.817	.97081	2.4136	1.2321	4.6097
#2	.25097	2.4731	26.094	.97721	2.4125	1.2289	4.6876

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5574	26.332	2.3799	1.1589	25.272	2.4946	2.4598
Stddev	.0009	.142	.0062	.0050	.068	.0076	.0127
%RSD	.03450	.53817	.26194	.43292	.26766	.30637	.51618

#1	2.5580	26.232	2.3843	1.1553	25.224	2.5000	2.4508
#2	2.5567	26.432	2.3755	1.1624	25.320	2.4892	2.4688

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.303	4.9620	5.0005	F 4.4286	4.8379	4.6331	4.9323
Stddev	.007	.0059	.0387	.0244	.0291	.0064	.0158
%RSD	.03050	.11960	.77370	.55064	.60188	.13837	.32121

#1	24.298	4.9662	4.9732	4.4458	4.8173	4.6376	4.9211
#2	24.308	4.9578	5.0279	4.4113	4.8585	4.6286	4.9435

Sample Name: CCV08 Acquired: 12/14/2018 20:16:32 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14345 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9725	4.652	5.0059	F<.00000	F 3.0132
Stddev	.0011	.011	.0058	.01903	.2082
%RSD	.02144	.2394	.11530	1.3604	6.9086

#1	4.9733	4.660	5.0018	-1.3857	2.8660
#2	4.9718	4.644	5.0100	-1.4126	3.1604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2642.7	58820.	4128.0	93.612	3356.7
Stddev	7.3	159.	1.9	.454	7.1
%RSD	.27765	.26980	.04516	.48536	.21184

#1	2637.5	58708.	4126.6	93.933	3351.7
#2	2647.9	58933.	4129.3	93.291	3361.7

Sample Name: CCB08 Acquired: 12/14/2018 20:20:18 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14345 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00119	-.00184	.00175	.00066	.00200	.01520	-.00154
Stddev	.00023	.00017	.00048	.00137	.00005	.00296	.00081
%RSD	19.171	9.2409	27.224	206.65	2.4056	19.463	52.296

#1	-.00103	-.00196	.00209	.00163	.00204	.01311	-.00097
#2	-.00136	-.00172	.00141	-.00030	.00197	.01729	-.00211

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00011	.00301	.00037	-.00013	-.00015	.00023
Stddev	.00005	.00006	.01279	.00008	.00010	.00069	.00407
%RSD	365.20	49.626	424.55	21.083	75.587	452.59	1745.3

#1	.00002	.00007	-.00603	.00032	-.00019	.00033	-.00265
#2	-.00005	.00015	.01206	.00043	-.00006	-.00064	.00311

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.01356	.00038	-.00054	-.02440	-.00070	.00006
Stddev	.00004	.08232	.00045	.00034	.01118	.00028	.00008
%RSD	37.211	607.23	117.09	62.341	45.808	39.212	147.47

#1	.00007	-.04465	.00007	-.00030	-.03230	-.00051	.00011
#2	.00012	.07177	.00070	-.00078	-.01650	-.00090	-.00000

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03784	.00021	-.01119	-.00242	-.00507	-.00057	.00074
Stddev	.03126	.00011	.00450	.00127	.00242	.00002	.00135
%RSD	82.600	50.729	40.181	52.239	47.735	3.3277	182.71

#1	.01574	.00029	-.00801	-.00153	-.00336	-.00058	-.00022
#2	.05995	.00014	-.01437	-.00332	-.00678	-.00056	.00169

Sample Name: CCB08 Acquired: 12/14/2018 20:20:18 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14345 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00149	.0034	.00012	F<.00000	F .35036
Stddev	.00152	.0014	.00005	.19722	.36686
%RSD	101.80	42.40	39.075	5.6960	104.71
#1	-.00256	.0024	.00009	-3.3229	.09096
#2	-.00042	.0044	.00016	-3.6018	.60977
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2774.3	62271.	4191.6	99.029	3860.6
Stddev	10.5	13.	9.7	1.467	17.3
%RSD	.37774	.02090	.23065	1.4816	.44695
#1	2766.9	62262.	4198.5	97.992	3848.4
#2	2781.8	62281.	4184.8	100.07	3872.8

Sample Name: J6358-04 Acquired: 12/14/2018 20:24:23 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	-.00233	.00228	.00081	-.00180	.44008	.16644
Stddev	.00003	.00002	.00087	.00028	.00144	.01884	.00046
%RSD	11.901	.97617	38.228	34.289	79.739	4.2800	.27710

#1	-.00023	-.00232	.00290	.00100	-.00282	.45340	.16676
#2	-.00028	-.00235	.00166	.00061	-.00079	.42676	.16611

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00045	F 81.449	.00116	.00744	.00798	1.1119
Stddev	.00012	.00008	.602	.00077	.00013	.00052	.0266
%RSD	86.533	18.694	.73969	66.320	1.7429	6.5248	2.3917

#1	.00023	.00039	81.023	.00170	.00753	.00762	1.0931
#2	.00006	.00051	81.875	.00061	.00735	.00835	1.1307

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42660	11.502	.00027	-.00054	F 202.90	.00009	.01748
Stddev	.00071	.028	.00002	.00011	2.60	.00028	.00044
%RSD	.16685	.24558	6.4393	20.942	1.2814	304.01	2.5252

#1	.42610	11.522	.00026	-.00062	204.74	.00029	.01717
#2	.42711	11.482	.00028	-.00046	201.07	-.00011	.01780

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1479	-.00006	.05065	F 15.407	4.9209	-.00600	-.00077
Stddev	.0122	.00004	.01079	.008	.0133	.00029	.00083
%RSD	.19811	70.303	21.297	.05021	.27042	4.8190	107.47

#1	6.1565	-.00009	.04302	15.402	4.9303	-.00620	-.00136
#2	6.1393	-.00003	.05828	15.413	4.9115	-.00580	-.00019

Sample Name: J6358-04 Acquired: 12/14/2018 20:24:23 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00144	.0649	.59573	F<.00000	2.5336
Stddev	.00176	.0004	.00313	.17761	.0481
%RSD	122.53	.5465	.52534	12.287	1.8994

#1	.00019	.0651	.59351	-1.5712	2.4996
#2	.00268	.0646	.59794	-1.3200	2.5676

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2629.6	58346.	4212.8	95.803	3347.3
Stddev	7.5	22.	1.0	2.246	6.5
%RSD	.28529	.03784	.02476	2.3443	.19544

#1	2624.3	58361.	4213.5	97.391	3342.7
#2	2634.9	58330.	4212.1	94.215	3352.0

Sample Name: J6358-05 Acquired: 12/14/2018 20:28:32 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW01-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00185	-.00282	-.00013	-.00100	-.00064	.64157	.03600	-.00007
Stddev	.00101	.00064	.00065	.00014	.00077	.00560	.00076	.00007
%RSD	54.637	22.659	497.87	13.746	121.58	.87237	2.1237	102.19
#1	.00257	-.00327	.00033	-.00110	-.00009	.64553	.03546	-.00002
#2	.00114	-.00237	-.00059	-.00090	-.00118	.63762	.03654	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00110	27.368	.04858	.00184	.00254	.54890	.07247	4.9636
Stddev	.00010	.135	.00030	.00022	.00007	.00573	.00018	.0405
%RSD	9.1921	.49477	.62021	11.714	2.6228	1.0440	.24848	.81546
#1	.00117	27.273	.04837	.00199	.00250	.55295	.07234	4.9350
#2	.00103	27.464	.04879	.00168	.00259	.54484	.07260	4.9923
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02135	-.00054	99.876	.00144	.00692	5.5779	.00068	.11284
Stddev	.00001	.00025	.291	.00021	.00010	.0069	.00020	.00045
%RSD	.03318	46.865	.29157	14.669	1.4903	.12462	29.473	.39871
#1	.02135	-.00036	100.08	.00158	.00699	5.5829	.00082	.11252
#2	.02136	-.00071	99.670	.00129	.00685	5.5730	.00054	.11316
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.177	7.1354	-.00636	.01790	-.00058	.0347	.15967	<.00000
Stddev	.011	.0173	.00027	.00202	.00057	.0016	.00031	.15342
%RSD	.07282	.24247	4.2480	11.271	98.996	4.670	.19577	7.1573
#1	15.185	7.1477	-.00617	.01648	-.00017	.0358	.15945	-2.0350
#2	15.169	7.1232	-.00655	.01933	-.00098	.0336	.15989	-2.2520

Sample Name: J6358-05 Acquired: 12/14/2018 20:28:32 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW01-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2465
Stddev	.6298
%RSD	50.525

#1	.80114
#2	1.6918

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2686.1	59401.	4169.1	98.605	3568.0
Stddev	.5	219.	23.3	1.148	7.9
%RSD	.01900	.36807	.55808	1.1645	.22091

#1	2685.7	59246.	4152.6	97.793	3562.4
#2	2686.4	59556.	4185.6	99.417	3573.6

Sample Name: J6358-06 Acquired: 12/14/2018 20:32:35 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW02-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	-.00282	.00105	.00112	.00039	.10241	.07877	.00000
Stddev	.00068	.00042	.00030	.00212	.00168	.00817	.00068	.00002
%RSD	283.64	14.844	28.901	188.59	432.40	7.9745	.86854	455.21

#1	-.00072	-.00311	.00127	.00262	-.00080	.10818	.07829	.00002
#2	.00024	-.00252	.00084	-.00037	.00158	.09663	.07926	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00105	43.926	.01504	.00101	.00035	.09933	.00251	7.0086
Stddev	.00004	.431	.00004	.00030	.00016	.00712	.00001	.1713
%RSD	3.3942	.98136	.26739	29.869	45.345	7.1725	.25058	2.4444

#1	.00102	43.621	.01507	.00123	.00024	.10437	.00251	6.8874
#2	.00107	44.231	.01501	.00080	.00046	.09429	.00252	7.1297

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00569	-.00036	125.60	.00010	.00938	8.8439	.00023	.17580
Stddev	.00006	.00039	.34	.00036	.00014	.0489	.00032	.00357
%RSD	.99572	106.77	.26903	361.18	1.4538	.55326	138.51	2.0304

#1	.00565	-.00009	125.36	.00036	.00929	8.8093	.00045	.17832
#2	.00573	-.00064	125.83	-.00016	.00948	8.8785	.00000	.17328

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2216	6.0453	-.00407	.00142	.00112	.0064	.23465	<.00000
Stddev	.0090	.0071	.00006	.00176	.00034	.0002	.00061	.23495
%RSD	.09732	.11769	1.5294	124.14	30.129	3.823	.26045	13.775

#1	9.2152	6.0403	-.00412	.00266	.00088	.0062	.23508	-1.5396
#2	9.2279	6.0504	-.00403	.00017	.00135	.0066	.23422	-1.8718

Sample Name: J6358-06 Acquired: 12/14/2018 20:32:35 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-FW-MW02-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5487
 Stddev .0996
 %RSD 6.4314

#1 1.6192
 #2 1.4783

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2633.7	58532.	4161.4	96.700	3479.2
Stddev	2.8	247.	3.7	1.064	4.5
%RSD	.10633	.42158	.09011	1.1005	.12970

#1	2635.7	58358.	4158.8	97.452	3476.0
#2	2631.7	58707.	4164.1	95.947	3482.4

Sample Name: J6358-07 Acquired: 12/14/2018 20:36:39 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW03-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00142	-.00236	.00142	.00083	.00030	.22424	.07119	-.00003
Stddev	.00057	.00081	.00045	.00143	.00118	.01583	.00049	.00008
%RSD	39.810	34.425	31.466	172.44	389.74	7.0606	.68862	298.69

#1	-.00183	-.00179	.00111	-.00018	.00114	.23544	.07085	-.00008
#2	-.00102	-.00294	.00174	.00184	-.00053	.21305	.07154	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00608	20.416	.02318	.00021	.00091	.40998	.00560	5.4278
Stddev	.00007	.197	.00013	.00001	.00039	.00946	.00001	.1408
%RSD	1.1821	.96402	.57197	3.5118	43.215	2.3076	.18278	2.5934

#1	.00603	20.277	.02327	.00021	.00063	.40329	.00559	5.3283
#2	.00614	20.555	.02309	.00020	.00119	.41667	.00561	5.5274

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00668	-.00058	38.454	.00166	.00887	3.5224	.00003	.01416
Stddev	.00030	.00013	.001	.00052	.00002	.0102	.00020	.00342
%RSD	4.4853	23.355	.00335	31.351	.20508	.28899	708.01	24.184

#1	.00689	-.00048	38.454	.00202	.00888	3.5152	-.00011	.01658
#2	.00647	-.00067	38.455	.00129	.00886	3.5296	.00017	.01174

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7030	4.8957	-.00186	.00706	-.00136	.0090	.13600	<.00000
Stddev	.0057	.0009	.00057	.00014	.00055	.0002	.00019	.07746
%RSD	.21235	.01794	30.508	2.0067	40.701	2.367	.13612	2.5436

#1	2.6989	4.8950	-.00146	.00716	-.00175	.0092	.13587	-2.9904
#2	2.7071	4.8963	-.00226	.00696	-.00097	.0089	.13614	-3.0999

Sample Name: J6358-07 Acquired: 12/14/2018 20:36:39 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW03-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0270
Stddev .5543
%RSD 53.973

#1 1.4190
#2 .63505

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2700.5	60950.	4168.6	98.227	3682.2
Stddev	7.9	29.	12.0	.112	12.0
%RSD	.29279	.04710	.28844	.11417	.32705

#1	2694.9	60970.	4160.1	98.306	3673.7
#2	2706.1	60930.	4177.1	98.148	3690.8

Sample Name: J6358-08 Acquired: 12/14/2018 20:40:42 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	-.00247	-.00012	-.00013	-.00040	.04311	.01173	-.00009
Stddev	.00004	.00033	.00058	.00394	.00080	.01677	.00007	.00002
%RSD	8.1538	13.545	497.51	3064.3	199.70	38.892	.63723	17.507

#1	.00050	-.00223	.00029	-.00292	-.00096	.05496	.01178	-.00010
#2	.00045	-.00271	-.00052	.00266	.00016	.03125	.01168	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	6.3904	.00154	-.00016	.00018	.03307	.00203	2.3476
Stddev	.00001	.0876	.00034	.00000	.00031	.00125	.00009	.0058
%RSD	489.09	1.3714	22.109	2.1828	173.22	3.7681	4.5969	.24782

#1	.00000	6.3284	.00178	-.00016	-.00004	.03395	.00197	2.3517
#2	-.00001	6.4524	.00130	-.00016	.00040	.03219	.00210	2.3435

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	-.00039	22.264	.00021	.01552	1.2363	.00016	.02828
Stddev	.00002	.00010	.042	.00040	.00030	.0053	.00009	.00774
%RSD	2.7140	25.597	.19060	191.55	1.9502	.42933	56.686	27.374

#1	.00094	-.00032	22.234	-.00007	.01574	1.2401	.00022	.02281
#2	.00090	-.00046	22.294	.00049	.01531	1.2326	.00010	.03376

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2350	5.2543	-.00226	.00291	-.00070	.0045	.04293	<.00000
Stddev	.0142	.0244	.00040	.00347	.00056	.0001	.00042	.07001
%RSD	.33495	.46480	17.742	119.36	79.781	1.800	.98017	1.8647

#1	4.2450	5.2716	-.00254	.00045	-.00031	.0045	.04264	-3.8039
#2	4.2250	5.2370	-.00197	.00536	-.00109	.0046	.04323	-3.7049

Sample Name: J6358-08 Acquired: 12/14/2018 20:40:42 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .35390
%RSD 106.74

#1 -.58180
#2 -.08131

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2740.1	62059.	4203.6	100.18	3801.8
Stddev	10.9	31.	14.3	2.37	28.5
%RSD	.39848	.04965	.33935	2.3684	.75039

#1	2732.4	62037.	4193.5	98.504	3781.6
#2	2747.9	62081.	4213.7	101.86	3822.0

Sample Name: J6358-09 Acquired: 12/14/2018 20:44:46 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	-.00392	.00174	.00005	-.00218	.52043	.27774	-.00007
Stddev	.00174	.00119	.00039	.00046	.00031	.00899	.00110	.00010
%RSD	91.030	30.385	22.110	909.65	14.055	1.7269	.39533	139.46

#1	.00068	-.00308	.00202	-.00027	-.00240	.52679	.27852	-.00000
#2	.00314	-.00476	.00147	.00038	-.00196	.51408	.27696	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18330	98.999	.02146	-.00014	.00199	1.0761	.00540	17.986
Stddev	.00008	.388	.00012	.00008	.00051	.0216	.00004	.018
%RSD	.04116	.39216	.57857	60.318	25.864	2.0101	.82957	.09737

#1	.18325	99.274	.02155	-.00008	.00235	1.0608	.00543	17.973
#2	.18335	98.725	.02137	-.00020	.00162	1.0914	.00537	17.998

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00642	-.00035	209.24	.00386	.08931	8.7101	.00019	.02865
Stddev	.00038	.00045	.78	.00018	.00019	.0630	.00031	.00016
%RSD	5.9921	128.44	.37109	4.6111	.21135	.72295	166.99	.56690

#1	.00615	-.00003	209.79	.00374	.08944	8.7546	-.00003	.02853
#2	.00669	-.00067	208.69	.00399	.08917	8.6656	.00041	.02876

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4535	6.0704	-.00229	.01131	.00269	.0183	.69502	<.00000
Stddev	.0034	.0482	.00034	.00143	.00049	.0003	.00433	.02040
%RSD	.04635	.79476	14.822	12.653	18.192	1.581	.62315	1.9096

#1	7.4511	6.1045	-.00253	.01030	.00234	.0185	.69809	-1.0540
#2	7.4560	6.0362	-.00205	.01232	.00303	.0181	.69196	-1.0829

Sample Name: J6358-09 Acquired: 12/14/2018 20:44:46 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.1480
Stddev	.1165
%RSD	3.7000

#1	3.0657
#2	3.2304

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2560.1	57102.	4107.8	98.041	3321.6
Stddev	7.5	30.	32.6	.456	8.4
%RSD	.29414	.05272	.79320	.46514	.25194

#1	2565.4	57124.	4084.7	98.363	3327.6
#2	2554.7	57081.	4130.8	97.718	3315.7

Sample Name: J6358-10 Acquired: 12/14/2018 20:48:53 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-SW4002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00176	-.00438	.00080	-.00102	-.00075	.01194	.11584	.00004
Stddev	.00061	.00025	.00074	.00415	.00023	.00158	.00150	.00001
%RSD	34.594	5.6429	93.065	405.16	31.383	13.201	1.2907	18.707

#1	-.00133	-.00455	.00027	-.00396	-.00058	.01306	.11690	.00005
#2	-.00219	-.00420	.00132	.00191	-.00091	.01083	.11479	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	28.976	.00764	.00457	.00037	.13999	.08251	8.0037
Stddev	.00003	.104	.00016	.00032	.00092	.00403	.00076	.0211
%RSD	68.327	.35799	2.1064	6.9895	250.39	2.8795	.91654	.26412

#1	.00002	28.902	.00753	.00480	-.00028	.14284	.08197	8.0187
#2	.00006	29.049	.00776	.00435	.00102	.13714	.08304	7.9888

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00123	-.00075	114.35	-.00031	.01106	3.7427	.00004	.04095
Stddev	.00042	.00024	.16	.00078	.00007	.0152	.00016	.00071
%RSD	34.254	32.756	.13995	255.86	.59562	.40470	435.58	1.7415

#1	.00094	-.00057	114.46	.00025	.01110	3.7534	.00015	.04145
#2	.00153	-.00092	114.23	-.00086	.01101	3.7320	-.00008	.04044

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9709	5.1295	-.00372	-.00023	.00331	.0067	.21725	<.00000
Stddev	.0009	.0171	.00054	.00130	.00103	.0008	.00064	.30031
%RSD	.01029	.33262	14.515	577.28	31.084	12.05	.29680	10.442

#1	8.9702	5.1174	-.00410	.00069	.00258	.0073	.21680	-2.6635
#2	8.9715	5.1415	-.00334	-.00114	.00404	.0062	.21771	-3.0882

Sample Name: J6358-10 Acquired: 12/14/2018 20:48:53 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-SW4002 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.4615
Stddev .3784
%RSD 25.893

#1 1.7291
#2 1.1940

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2651.0	59496.	4140.4	98.090	3533.4
Stddev	2.6	120.	8.3	1.228	6.1
%RSD	.09769	.20172	.20022	1.2515	.17287

#1	2652.8	59411.	4134.5	97.222	3529.1
#2	2649.1	59581.	4146.3	98.958	3537.8

Sample Name: J6358-13 Acquired: 12/14/2018 20:52:55 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-MH-SW4001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00208	-.00316	.00082	.00201	-.00059	.02010	.11773	.00003
Stddev	.00077	.00003	.00063	.00022	.00099	.00654	.00039	.00006
%RSD	36.948	.96849	77.358	10.946	167.81	32.520	.33210	224.04

#1	-.00154	-.00314	.00127	.00186	-.00129	.02472	.11745	-.00002
#2	-.00263	-.00318	.00037	.00217	.00011	.01548	.11800	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	28.886	.00848	.00476	.00063	.17432	.08472	8.0007
Stddev	.00003	.211	.00002	.00012	.00055	.00003	.00047	.0226
%RSD	126.14	.72949	.21907	2.5989	86.806	.01755	.55881	.28181

#1	-.00000	28.737	.00847	.00485	.00024	.17430	.08505	7.9848
#2	-.00004	29.035	.00850	.00467	.00102	.17434	.08438	8.0167

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	-.00072	113.85	.00006	.01185	3.6392	-.00035	.04298
Stddev	.00008	.00012	.14	.00024	.00007	.0338	.00029	.00120
%RSD	6.6583	16.868	.12261	394.81	.63055	.92781	82.946	2.7952

#1	.00128	-.00081	113.75	-.00011	.01190	3.6153	-.00055	.04213
#2	.00116	-.00064	113.95	.00023	.01180	3.6631	-.00014	.04383

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9117	5.0936	-.00409	-.00014	.00101	.0033	.21638	<.00000
Stddev	.0113	.0056	.00064	.00137	.00185	.0004	.00052	.37898
%RSD	.12684	.11088	15.726	1005.5	182.62	13.01	.23856	13.708

#1	8.9037	5.0896	-.00455	.00083	-.00029	.0030	.21602	-3.0326
#2	8.9197	5.0976	-.00364	-.00111	.00232	.0036	.21675	-2.4966

Sample Name: J6358-13 Acquired: 12/14/2018 20:52:55 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-MH-SW4001 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .96497
Stddev .81169
%RSD 84.115

#1 1.5389
#2 .39102

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2649.9	59487.	4143.9	97.408	3542.2
Stddev	3.2	12.	12.1	.506	16.8
%RSD	.11987	.02100	.29231	.51977	.47304

#1	2647.7	59478.	4135.3	97.050	3530.3
#2	2652.2	59496.	4152.5	97.766	3554.0

Sample Name: J6358-14 Acquired: 12/14/2018 20:56:58 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP06-201 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00208	-.00340	.00045	-.00120	.00007	.02019	.12307	-.00008
Stddev	.00056	.00068	.00173	.00184	.00261	.00358	.00018	.00010
%RSD	26.766	20.109	381.31	153.94	3675.0	17.726	.14576	117.97

#1	-.00247	-.00291	.00168	.00011	-.00177	.01766	.12294	-.00001
#2	-.00168	-.00388	-.00077	-.00250	.00192	.02272	.12319	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	30.333	.00933	.00474	.00059	.16710	.08588	8.3894
Stddev	.00011	.134	.00001	.00025	.00009	.00739	.00043	.1247
%RSD	1479.6	.44054	.14334	5.3030	15.088	4.4236	.50382	1.4866

#1	-.00009	30.239	.00933	.00492	.00065	.16187	.08557	8.3012
#2	.00007	30.428	.00934	.00456	.00052	.17232	.08618	8.4776

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	-.00068	119.05	-.00002	.01319	3.9031	-.00001	.04673
Stddev	.00089	.00022	.09	.00041	.00017	.0158	.00022	.00038
%RSD	56.094	31.584	.07687	2069.7	1.3234	.40590	2257.2	.80706

#1	.00095	-.00053	119.12	-.00031	.01307	3.9143	.00014	.04699
#2	.00221	-.00083	118.99	.00027	.01332	3.8919	-.00016	.04646

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2969	5.3166	-.00436	.00040	.00196	.0079	.22766	<.00000
Stddev	.0168	.0506	.00017	.00030	.00059	.0009	.00061	.37673
%RSD	.18112	.95174	3.8707	75.490	30.324	11.10	.26663	14.825

#1	9.3088	5.2808	-.00424	.00061	.00238	.0086	.22723	-2.2747
#2	9.2850	5.3523	-.00448	.00018	.00154	.0073	.22809	-2.8075

Sample Name: J6358-14 Acquired: 12/14/2018 20:56:58 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-DUP06-201 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6222
 Stddev .7771
 %RSD 47.904

#1 1.0727
 #2 2.1717

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2658.3	59321.	4146.8	97.176	3535.9
Stddev	2.1	490.	14.6	1.404	3.3
%RSD	.07807	.82576	.35123	1.4451	.09378

#1	2659.8	58975.	4157.1	98.169	3538.2
#2	2656.8	59668.	4136.5	96.183	3533.6

Sample Name: J6371-01 Acquired: 12/14/2018 21:01:01 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FB01_121118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00006	-.00069	-.00145	-.00057	-.00034	-.00018	.00002
Stddev	.00005	.00062	.00074	.00162	.00058	.00202	.00058	.00005
%RSD	212.97	984.02	107.57	112.11	102.33	600.97	320.24	297.35

#1	-.00001	.00037	-.00121	-.00030	-.00016	.00109	.00023	.00005
#2	.00006	-.00050	-.00016	-.00259	-.00097	-.00177	-.00059	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01836	.00044	.00004	-.00003	-.00191	-.00021	-.04969
Stddev	.00010	.00492	.00013	.00001	.00011	.00202	.00001	.06525
%RSD	642.90	26.796	30.010	27.701	362.04	105.84	5.7689	131.30

#1	-.00005	.02184	.00054	.00003	.00005	-.00048	-.00020	-.09583
#2	.00009	.01488	.00035	.00005	-.00011	-.00333	-.00022	-.00356

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	-.00053	.08020	-.00023	.01028	.01405	-.00013	-.01043
Stddev	.00002	.00038	.00979	.00026	.00003	.02046	.00013	.00652
%RSD	3.8053	72.240	12.201	113.56	.31816	145.61	95.861	62.503

#1	.00062	-.00026	.08712	-.00005	.01031	-.00042	-.00004	-.01504
#2	.00059	-.00080	.07328	-.00041	.01026	.02852	-.00022	-.00582

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00468	-.00657	-.00170	.00037	-.00319	.0044	.00004	<.00000
Stddev	.00324	.00206	.00030	.00005	.00213	.0005	.00003	.07902
%RSD	69.209	31.304	17.683	12.602	66.666	10.42	66.524	1.6315

#1	-.00239	-.00511	-.00149	.00034	-.00169	.0041	.00006	-4.7876
#2	-.00696	-.00802	-.00191	.00040	-.00470	.0047	.00002	-4.8994

Sample Name: J6371-01 Acquired: 12/14/2018 21:01:01 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FB01_121118 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.58116
Stddev	.15043
%RSD	25.884

#1	.68754
#2	.47479

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2849.7	64428.	4339.8	106.28	4065.9
Stddev	8.5	71.	15.4	.41	11.0
%RSD	.29924	.11087	.35453	.38256	.27018

#1	2855.7	64378.	4329.0	105.99	4073.7
#2	2843.6	64479.	4350.7	106.57	4058.2

Sample Name: CCV09 Acquired: 12/14/2018 21:05:07 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB115669BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6986	4.8021	4.8067	4.7812	5.0139	9.6925	10.202
Stddev	.0008	.0036	.0077	.0036	.0120	.1382	.094
%RSD	.01723	.07406	.16097	.07452	.23925	1.4255	.91784

#1	4.6980	4.7996	4.8012	4.7837	5.0223	9.5948	10.268
#2	4.6991	4.8047	4.8122	4.7787	5.0054	9.7902	10.135

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25046	2.4674	25.742	.97082	2.4057	1.2326	4.5105
Stddev	.00048	.0007	.143	.00280	.0036	.0011	.0960
%RSD	.19051	.02952	.55393	.28851	.14996	.08831	2.1287

#1	.25012	2.4669	25.843	.97280	2.4031	1.2318	4.4426
#2	.25080	2.4679	25.641	.96884	2.4082	1.2333	4.5784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5594	26.352	2.3647	1.1478	25.200	2.5003	2.3966
Stddev	.0010	.092	.0056	.0036	.269	.0053	.0141
%RSD	.03970	.34829	.23718	.31335	1.0656	.21385	.58866

#1	2.5601	26.417	2.3607	1.1504	25.389	2.4966	2.3866
#2	2.5586	26.287	2.3687	1.1453	25.010	2.5041	2.4066

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.998	4.9747	4.9815	F 4.3911	4.7772	4.5798	4.8998
Stddev	.299	.0005	.0142	.0171	.0974	.0001	.0081
%RSD	1.2467	.01002	.28492	.39062	2.0396	.00099	.16457

#1	24.210	4.9744	4.9915	4.3790	4.8461	4.5798	4.8941
#2	23.787	4.9751	4.9715	4.4032	4.7083	4.5798	4.9055

Sample Name: CCV09 Acquired: 12/14/2018 21:05:07 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB115669BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9658	4.637	4.9836	F<.00000	F 3.2258
Stddev	.0459	.009	.0404	.42960	1.0232
%RSD	.92383	.2057	.81065	26.087	31.721

#1	4.9982	4.631	5.0122	-1.3431	2.5023
#2	4.9333	4.644	4.9551	-1.9506	3.9493

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2641.1	59020.	4157.0	96.178	3379.1
Stddev	2.8	114.	74.4	.556	1.7
%RSD	.10413	.19238	1.7896	.57824	.04971

#1	2639.1	58939.	4104.4	96.572	3380.3
#2	2643.0	59100.	4209.6	95.785	3377.9

Sample Name: CCB09 Acquired: 12/14/2018 21:08:52 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB115669BS Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	.00009	.00046	.00154	-.00096	.00693	-.00097
Stddev	.00020	.00075	.00056	.00039	.00037	.00747	.00020
%RSD	24.876	840.74	122.16	24.959	38.173	107.84	20.737

#1	-.00068	-.00044	.00086	.00127	-.00070	.00165	-.00111
#2	-.00097	.00062	.00006	.00182	-.00122	.01221	-.00083

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00004	.01381	.00080	.00013	-.00003	.00078
Stddev	.00003	.00006	.01849	.00023	.00001	.00058	.00002
%RSD	181.73	143.01	133.90	28.183	5.0706	2133.2	2.5260

#1	.00000	.00008	.02689	.00096	.00014	.00039	.00076
#2	-.00003	-.00000	.00073	.00064	.00013	-.00044	.00079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00037	.00049	-.00071	.00810	-.00053	.00002
Stddev	.00003	.00521	.00024	.00012	.02199	.00009	.00005
%RSD	24.834	1399.0	48.155	16.596	271.43	17.885	266.57

#1	.00009	.00331	.00033	-.00080	.02365	-.00060	.00005
#2	.00012	-.00406	.00066	-.00063	-.00745	-.00046	-.00002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05245	.00042	-.00677	-.00384	-.00293	-.00067	.00109
Stddev	.01111	.00037	.00892	.00052	.00278	.00046	.00040
%RSD	21.175	87.720	131.68	13.477	94.747	67.820	36.508

#1	.06030	.00069	-.00047	-.00347	-.00490	-.00035	.00137
#2	.04459	.00016	-.01308	-.00420	-.00097	-.00100	.00081

Sample Name: CCB09 Acquired: 12/14/2018 21:08:52 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB115669BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00052	.0023	.00006	F<.00000	F .12398
Stddev	.00036	.0010	.00004	.31118	.08621
%RSD	69.496	42.83	68.290	8.3364	69.532

#1	.00027	.0016	.00009	-3.5128	.18494
#2	.00078	.0029	.00003	-3.9528	.06302

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2760.0	61965.	4181.0	99.167	3856.8
Stddev	8.1	304.	22.5	1.756	.9
%RSD	.29281	.48980	.53858	1.7707	.02455

#1	2754.3	61751.	4165.1	100.41	3856.1
#2	2765.8	62180.	4197.0	97.925	3857.4

Sample Name: J6373-10 Acquired: 12/14/2018 21:12:59 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04322	-.01317	-.04482	.06448	.00910	4.3857	.98321
Stddev	.00271	.00153	.00376	.00077	.00243	.0056	.00612
%RSD	6.2734	11.596	8.3985	1.1979	26.654	.12673	.62216

#1	-.04514	-.01209	-.04748	.06503	.01081	4.3818	.98753
#2	-.04130	-.01425	-.04216	.06393	.00738	4.3896	.97888

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	-.00166	29.619	.03382	.00898	.33669	542.26
Stddev	.00023	.00141	.190	.00037	.00017	.00269	15.41
%RSD	12.437	85.350	.63983	1.0937	1.8509	.79842	2.8419

#1	.00202	-.00266	29.485	.03356	.00886	.33479	553.16
#2	.00170	-.00066	29.753	.03408	.00910	.33859	531.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8664	8.2738	.04750	.00845	9.4908	.02169	4.6778
Stddev	.0053	.0714	.00031	.00231	.0470	.00021	.1180
%RSD	.28444	.86348	.65677	27.378	.49483	.96970	2.5232

#1	1.8627	8.2232	.04772	.01008	9.5240	.02154	4.7613
#2	1.8702	8.3243	.04728	.00681	9.4576	.02184	4.5944

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.729	.01182	4.0184	F 11.163	7.6147	.00580	.27350
Stddev	.022	.00049	.0261	.015	.0040	.00027	.00021
%RSD	.06842	4.1724	.64883	.13677	.05313	4.5882	.07715

#1	31.744	.01217	4.0000	11.174	7.6118	.00562	.27335
#2	31.714	.01147	4.0369	11.152	7.6175	.00599	.27365

Sample Name: J6373-10 Acquired: 12/14/2018 21:12:59 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03367	5.161	-.48025	<.00000	F<.00000
Stddev	.00053	.003	.01722	.12126	.92017
%RSD	1.5753	.0490	3.5850	1.3304	.24814

#1	.03404	5.163	-.49242	-9.0284	-370.17
#2	.03329	5.159	-.46808	-9.1999	-371.47

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2576.0	58407.	4167.7	91.322	3257.7
Stddev	17.7	70.	6.2	2.798	22.0
%RSD	.68659	.12039	.14895	3.0637	.67550

#1	2563.5	58357.	4163.3	89.344	3242.2
#2	2588.5	58457.	4172.0	93.301	3273.3

Sample Name: J6376-07 Acquired: 12/14/2018 21:16:55 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TEST-PIT-1-W Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04252	-.01047	.23163	.01810	.00005	51.867	.97991
Stddev	.00055	.00094	.00087	.00014	.00015	.321	.00865
%RSD	1.2959	8.9880	.37740	.79499	312.27	.61838	.88247

#1	.04291	-.01114	.23102	.01820	-.00006	51.640	.97380
#2	.04213	-.00981	.23225	.01800	.00015	52.093	.98603

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00307	.00125	231.20	.06128	.04530	.23527	89.062
Stddev	.00003	.00023	1.39	.00032	.00035	.00190	2.711
%RSD	.85844	18.209	.59974	.51474	.77247	.80704	3.0437

#1	.00309	.00141	230.22	.06105	.04505	.23393	87.145
#2	.00305	.00109	232.18	.06150	.04555	.23661	90.979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0347	37.704	.06557	.00168	106.17	.13520	.49982
Stddev	.0049	.234	.00057	.00025	.85	.00017	.01268
%RSD	.24082	.62131	.86199	14.711	.80066	.12842	2.5365

#1	2.0312	37.538	.06517	.00151	105.57	.13532	.49085
#2	2.0381	37.869	.06597	.00186	106.77	.13508	.50878

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.788	.00071	.11826	F 133.78	F 60.779	-.01517	1.3997
Stddev	.062	.00020	.00372	.99	.335	.00112	.0172
%RSD	.44784	28.290	3.1479	.74079	.55089	7.3783	1.2263

#1	13.745	.00085	.11563	133.08	60.542	-.01438	1.3876
#2	13.832	.00056	.12090	134.48	61.016	-.01596	1.4118

Sample Name: J6376-07 Acquired: 12/14/2018 21:16:55 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TEST-PIT-1-W Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04502	2.798	.69247	<.00000	F<.00000
Stddev	.00063	.035	.00238	.08552	.62657
%RSD	1.4031	1.249	.34321	2.7883	12.051

#1	.04457	2.773	.69079	-3.1276	-5.6422
#2	.04546	2.823	.69415	-3.0066	-4.7561

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2632.7	59845.	4344.7	91.107	3079.3
Stddev	13.0	52.	1.8	2.221	24.4
%RSD	.49566	.08713	.04154	2.4380	.79308

#1	2641.9	59808.	4346.0	92.678	3096.6
#2	2623.5	59881.	4343.4	89.536	3062.0

Sample Name: J6386-04 Acquired: 12/14/2018 21:20:51 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-RB-1812 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	-.00268	-.00094	.00069	.00010	.01649	-.00160	-.00007
Stddev	.00103	.00050	.00031	.00034	.00085	.00399	.00010	.00002
%RSD	109.83	18.852	32.806	48.937	835.97	24.178	6.2667	32.869
#1	-.00167	-.00232	-.00116	.00045	.00071	.01931	-.00167	-.00005
#2	-.00021	-.00303	-.00072	.00093	-.00050	.01367	-.00153	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.02610	.00146	-.00018	-.00023	.01463	.00036	-.00639
Stddev	.00006	.00698	.00008	.00005	.00019	.00191	.00002	.04492
%RSD	216.07	26.731	5.6719	26.899	84.689	13.023	5.4132	703.52
#1	.00007	.02117	.00140	-.00021	-.00009	.01328	.00038	-.03815
#2	-.00002	.03103	.00152	-.00014	-.00036	.01598	.00035	.02538
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	-.00055	.02742	.00032	.00146	.03551	.00007	-.00298
Stddev	.00005	.00040	.01214	.00031	.00009	.00826	.00012	.00424
%RSD	15.298	72.824	44.266	93.921	6.0717	23.270	181.03	142.27
#1	.00032	-.00026	.03600	.00054	.00153	.04135	-.00002	-.00598
#2	.00039	-.00083	.01884	.00011	.00140	.02967	.00015	.00002
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01555	.01521	-.00084	.00098	-.00023	.0062	.00005	<.00000
Stddev	.00060	.00628	.00014	.00032	.00064	.0005	.00005	.46368
%RSD	3.8343	41.272	17.019	33.041	285.15	8.097	103.63	11.555
#1	.01513	.01077	-.00074	.00075	-.00068	.0066	.00009	-3.6850
#2	.01597	.01965	-.00094	.00121	.00023	.0059	.00001	-4.3407

Sample Name: J6386-04 Acquired: 12/14/2018 21:20:51 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-RB-1812 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.0260
%RSD 141.34

#1 -.00041
#2 -1.4514

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2732.2	62025.	4089.2	96.254	3820.1
Stddev	4.9	481.	14.3	.194	27.9
%RSD	.17874	.77514	.34946	.20202	.73020

#1	2728.8	61685.	4079.1	96.392	3800.3
#2	2735.7	62365.	4099.3	96.117	3839.8

Sample Name: J6403-65DLX50 Acquired: 12/14/2018 21:24:56 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51473	-.00081	16.184	.06315	.00250	81.849	.07897
Stddev	.00216	.00038	.033	.00389	.00021	.248	.00123
%RSD	.41940	47.091	.20538	6.1535	8.3910	.30259	1.5594

#1	.51320	-.00108	16.161	.06040	.00236	82.024	.07984
#2	.51626	-.00054	16.208	.06589	.00265	81.674	.07809

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01002	.02184	61.215	.26972	.10943	3.4730	207.65
Stddev	.00008	.00037	.240	.00071	.00008	.0140	2.36
%RSD	.82630	1.6837	.39216	.26388	.07755	.40421	1.1373

#1	.00996	.02210	61.385	.27023	.10949	3.4631	205.98
#2	.01008	.02158	61.045	.26922	.10937	3.4829	209.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2502	25.694	.30784	.02192	9.9564	.36011	9.5462
Stddev	.0047	.152	.00120	.00054	.1137	.00085	.0620
%RSD	.20799	.59175	.38905	2.4797	1.1424	.23701	.64944

#1	2.2535	25.801	.30699	.02154	10.037	.35951	9.5024
#2	2.2469	25.586	.30869	.02230	9.8760	.36072	9.5901

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3752	.04025	.16065	F 49.162	3.6091	.57615	1.4341
Stddev	.0095	.00014	.00204	.052	.0030	.00268	.0015
%RSD	.12819	.34271	1.2696	.10619	.08413	.46525	.10685

#1	7.3818	.04035	.15921	49.125	3.6113	.57426	1.4352
#2	7.3685	.04015	.16209	49.199	3.6070	.57805	1.4330

Sample Name: J6403-65DLX50 Acquired: 12/14/2018 21:24:56 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14563	F 12.81	.50541	<.00000	F<.00000
Stddev	.00020	.02	.00793	.50195	.90330
%RSD	.13640	.1311	1.5697	7.2381	1.0586

#1	.14577	12.80	.51102	-6.5798	-84.693
#2	.14549	12.82	.49980	-7.2897	-85.970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2892.3	64614.	4600.4	93.154	3263.0
Stddev	1.5	260.	45.6	.352	7.7
%RSD	.05261	.40206	.99202	.37768	.23644

#1	2891.3	64430.	4568.2	93.403	3257.6
#2	2893.4	64797.	4632.7	92.905	3268.5

Sample Name: J6397-01 Acquired: 12/14/2018 21:28:47 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB10_1.5-2.5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05326	-.00495	.04563	.01367	.00149	52.991	.21102
Stddev	.00163	.00034	.00067	.00336	.00140	.152	.00118
%RSD	3.0688	6.8278	1.4726	24.598	93.869	.28644	.55814

#1	.05211	-.00471	.04610	.01129	.00050	52.884	.21186
#2	.05442	-.00518	.04515	.01604	.00248	53.099	.21019

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00256	-.00014	4.4227	.19056	.04601	.13681	98.927
Stddev	.00001	.00018	.0434	.00105	.00038	.00027	.834
%RSD	.31174	129.49	.98123	.55115	.83677	.19447	.84313

#1	.00256	-.00001	4.3920	.19131	.04628	.13700	98.338
#2	.00255	-.00026	4.4533	.18982	.04573	.13662	99.517

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7356	6.3249	.07887	.00019	1.0466	.12724	.43328
Stddev	.0027	.0096	.00057	.00048	.0191	.00079	.00177
%RSD	.15475	.15230	.72074	248.11	1.8224	.61745	.40917

#1	1.7375	6.3317	.07847	-.00014	1.0601	.12668	.43203
#2	1.7337	6.3181	.07927	.00053	1.0331	.12779	.43454

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5060	.02456	.00264	.27589	4.2754	.00385	.54859
Stddev	.0157	.00007	.01000	.00399	.0743	.00052	.00177
%RSD	.62478	.28440	379.06	1.4457	1.7391	13.530	.32194

#1	2.5171	.02460	-.00443	.27871	4.3280	.00422	.54735
#2	2.4949	.02451	.00970	.27307	4.2228	.00348	.54984

Sample Name: J6397-01 Acquired: 12/14/2018 21:28:47 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB10_1.5-2.5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02487	2.069	-.08402	<.00000	F<.00000
Stddev	.00211	.002	.00076	.02165	1.5690
%RSD	8.4734	.0857	.90554	.49996	7.8698

#1	.02338	2.068	-.08348	-4.3158	-18.828
#2	.02636	2.070	-.08456	-4.3464	-21.047

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2764.6	61542.	4258.6	98.568	3609.7
Stddev	3.8	125.	45.2	.425	15.0
%RSD	.13779	.20253	1.0619	.43100	.41460

#1	2767.2	61454.	4226.6	98.868	3599.1
#2	2761.9	61630.	4290.6	98.267	3620.3

Sample Name: J6397-02 Acquired: 12/14/2018 21:32:46 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB10_12-14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03056	-.00367	.01934	.00782	.00118	23.914	.07740
Stddev	.00027	.00067	.00017	.00041	.00178	.053	.00005
%RSD	.87972	18.112	.90086	5.2702	151.26	.22009	.06413

#1	.03075	-.00320	.01922	.00811	.00244	23.876	.07744
#2	.03037	-.00414	.01946	.00753	-.00008	23.951	.07737

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	-.00020	1.1229	.07114	.01284	.05875	54.531
Stddev	.00009	.00008	.0179	.00040	.00002	.00074	.153
%RSD	5.5880	38.000	1.5947	.56338	.15653	1.2567	.27989

#1	.00164	-.00015	1.1102	.07086	.01283	.05823	54.639
#2	.00152	-.00026	1.1355	.07142	.01286	.05927	54.423

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76563	2.3842	.03008	.00054	.68988	.11026	.16667
Stddev	.00049	.0355	.00008	.00029	.00637	.00154	.00104
%RSD	.06358	1.4868	.25521	53.838	.92317	1.3959	.62179

#1	.76598	2.4093	.03003	.00033	.69438	.11135	.16740
#2	.76529	2.3591	.03014	.00074	.68538	.10917	.16594

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0261	.00288	.01434	.10716	1.9066	.00131	.78865
Stddev	.0090	.00019	.00120	.00003	.0167	.00021	.00028
%RSD	.44627	6.5155	8.3547	.02940	.87502	16.303	.03516

#1	2.0325	.00274	.01519	.10718	1.9184	.00146	.78884
#2	2.0197	.00301	.01349	.10714	1.8948	.00116	.78845

Sample Name: J6397-02 Acquired: 12/14/2018 21:32:46 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB10_12-14 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00947	.9709	-.04598	<.00000	F<.00000
Stddev	.00131	.0034	.00019	.02307	.23663
%RSD	13.825	.3470	.40574	.50076	19.087

#1	.00854	.9685	-.04611	-4.6230	-1.4071
#2	.01040	.9733	-.04585	-4.5903	-1.0724

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.0	62705.	4290.9	97.221	3714.4
Stddev	11.4	77.	19.5	.449	6.6
%RSD	.40714	.12250	.45554	.46183	.17670

#1	2803.1	62651.	4277.0	96.903	3719.0
#2	2787.0	62759.	4304.7	97.538	3709.8

Sample Name: J6397-02DUP Acquired: 12/14/2018 21:36:47 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB10_12-14DU Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02812	-.00407	.01955	.00753	.00079	23.873	.07805
Stddev	.00280	.00135	.00099	.00078	.00112	.013	.00006
%RSD	9.9668	33.225	5.0428	10.380	142.57	.05526	.07300

#1	.02614	-.00311	.01885	.00698	-.00001	23.883	.07801
#2	.03010	-.00503	.02025	.00809	.00158	23.864	.07809

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00166	-.00003	1.1127	.07142	.01258	.05914	52.921
Stddev	.00001	.00001	.0179	.00048	.00013	.00048	.624
%RSD	.35048	37.377	1.6123	.67236	1.0428	.80405	1.1784

#1	.00166	-.00002	1.1254	.07176	.01249	.05880	52.480
#2	.00166	-.00004	1.1000	.07108	.01267	.05947	53.362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73743	2.4807	.03024	.00032	.68685	.11137	.16164
Stddev	.00218	.0635	.00011	.00029	.00252	.00102	.00238
%RSD	.29544	2.5578	.35429	90.270	.36701	.91431	1.4741

#1	.73589	2.4359	.03017	.00012	.68863	.11209	.15995
#2	.73897	2.5256	.03032	.00053	.68506	.11065	.16332

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0469	.00275	.00688	.10820	1.8295	.00199	.78491
Stddev	.0134	.00016	.01255	.00110	.0000	.00010	.00383
%RSD	.65278	5.7989	182.44	1.0173	.00196	4.7846	.48802

#1	2.0563	.00264	-.00200	.10898	1.8295	.00192	.78761
#2	2.0374	.00286	.01575	.10743	1.8295	.00206	.78220

Sample Name: J6397-02DUP Acquired: 12/14/2018 21:36:47 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB10_12-14DU Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01050	.9745	-.04412	<.00000	F<.00000
Stddev	.00120	.0030	.00066	.07041	.27776
%RSD	11.463	.3047	1.4859	1.4710	23.904

#1	.00965	.9724	-.04365	-4.8363	-.96559
#2	.01136	.9766	-.04458	-4.7367	-1.3584

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2789.9	62646.	4291.2	99.572	3705.3
Stddev	4.0	129.	7.3	1.269	6.1
%RSD	.14430	.20544	.16994	1.2747	.16595

#1	2787.0	62555.	4286.1	100.47	3709.7
#2	2792.7	62737.	4296.4	98.675	3701.0

Sample Name: J6397-02LX5 Acquired: 12/14/2018 21:40:48 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-OILY-WA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00645	-.00126	.00489	-.00057	.00012	4.9760	.01516	.00034
Stddev	.00165	.00013	.00023	.00214	.00054	.0180	.00062	.00001
%RSD	25.616	10.403	4.6057	375.81	449.91	.36249	4.1122	1.8762

#1	.00762	-.00117	.00473	-.00208	.00050	4.9633	.01560	.00035
#2	.00528	-.00135	.00505	.00094	-.00026	4.9888	.01472	.00034

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.22719	.01509	.00270	.01217	11.177	.16137	.52899
Stddev	.00003	.00457	.00013	.00028	.00015	.232	.00003	.02530
%RSD	42.157	2.0116	.86753	10.420	1.1920	2.0769	.01567	4.7831

#1	-.00005	.22396	.01519	.00250	.01227	11.012	.16139	.51110
#2	-.00009	.23042	.01500	.00290	.01207	11.341	.16135	.54688

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00626	-.00019	.09926	.02284	.03533	.43994	.00029	-.01527
Stddev	.00030	.00026	.00675	.00011	.00063	.01123	.00021	.00045
%RSD	4.8655	133.83	6.8042	.50037	1.7811	2.5524	73.937	2.9505

#1	.00605	-.00001	.09448	.02292	.03488	.44788	.00044	-.01558
#2	.00648	-.00038	.10403	.02276	.03577	.43200	.00014	-.01495

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02253	.41158	-.00058	.16438	.00009	.2033	-.00929	<.00000
Stddev	.00057	.00205	.00026	.00204	.00112	.0021	.00029	.10108
%RSD	2.5281	.49862	45.391	1.2391	1242.2	1.041	3.1729	2.4541

#1	.02293	.41303	-.00039	.16582	.00089	.2048	-.00908	-4.1903
#2	.02212	.41013	-.00076	.16294	-.00070	.2018	-.00950	-4.0473

Sample Name: J6397-02LX5 Acquired: 12/14/2018 21:40:48 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-OILY-WA Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.1589
Stddev	.2096
%RSD	6.6352

#1	3.3071
#2	3.0107

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2761.9	61949.	4184.8	97.125	3784.9
Stddev	7.5	28.	21.3	1.143	13.5
%RSD	.27162	.04587	.50845	1.1770	.35603

#1	2756.6	61929.	4169.7	97.933	3775.4
#2	2767.2	61969.	4199.8	96.317	3794.4

Sample Name: J6397-02MS Acquired: 12/14/2018 21:44:52 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB10_12-14MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71117	1.8483	.94691	1.7270	.48524	28.406	.29338
Stddev	.00001	.0029	.00503	.0060	.00165	.093	.00024
%RSD	.00189	.15475	.53088	.34811	.33929	.32770	.08318

#1	.71118	1.8503	.94335	1.7313	.48407	28.340	.29321
#2	.71116	1.8463	.95046	1.7228	.48640	28.472	.29356

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19135	.18727	2.2106	.46408	.20796	.35452	58.075
Stddev	.00005	.00099	.0056	.00053	.00107	.00251	.514
%RSD	.02558	.52813	.25280	.11383	.51673	.70706	.88510

#1	.19138	.18657	2.2146	.46446	.20720	.35630	58.438
#2	.19132	.18796	2.2067	.46371	.20872	.35275	57.712

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2868	4.9370	.49467	.06501	3.7566	.41476	.35501
Stddev	.0002	.1157	.00162	.00099	.0176	.00003	.00375
%RSD	.01877	2.3438	.32722	1.5296	.46849	.00780	1.0567

#1	1.2869	4.8552	.49352	.06571	3.7691	.41474	.35766
#2	1.2866	5.0188	.49581	.06431	3.7442	.41479	.35236

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.103	.37146	.28512	.10823	2.8389	.57755	.99807
Stddev	.009	.00040	.01438	.00295	.0319	.00167	.00419
%RSD	.07646	.10636	5.0442	2.7226	1.1223	.28902	.41937

#1	12.097	.37174	.27495	.11031	2.8615	.57637	1.0010
#2	12.110	.37118	.29529	.10614	2.8164	.57873	.99511

Sample Name: J6397-02MS Acquired: 12/14/2018 21:44:52 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB10_12-14MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21045	5.803	.15056	<.00000	F<.00000
Stddev	.00051	.011	.00089	.14415	.50537
%RSD	.24460	.1962	.59384	3.1956	8.0702

#1	.21081	5.795	.14993	-4.4089	-6.6195
#2	.21008	5.811	.15119	-4.6127	-5.9048

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2763.9	62327.	4238.8	98.792	3633.1
Stddev	11.6	129.	21.9	1.212	.0
%RSD	.42080	.20616	.51643	1.2267	.00083

#1	2755.7	62236.	4223.3	97.935	3633.1
#2	2772.1	62418.	4254.3	99.649	3633.1

Sample Name: J6397-02MSD Acquired: 12/14/2018 21:48:41 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB10_12-14MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70514	1.8379	.94289	1.7257	.48577	28.468	.29292
Stddev	.00176	.0006	.00112	.0036	.00060	.082	.00290
%RSD	.24928	.03073	.11829	.20846	.12374	.28912	.98848

#1	.70638	1.8383	.94210	1.7283	.48619	28.410	.29497
#2	.70390	1.8375	.94367	1.7232	.48534	28.526	.29087

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19144	.18631	2.1973	.46588	.20724	.35353	59.043
Stddev	.00052	.00021	.0164	.00125	.00040	.00053	1.422
%RSD	.26938	.11177	.74642	.26923	.19176	.14966	2.4086

#1	.19108	.18616	2.2089	.46500	.20752	.35316	60.049
#2	.19181	.18645	2.1857	.46677	.20696	.35390	58.038

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2862	4.9775	.49131	.06524	3.7436	.41459	.36081
Stddev	.0008	.0497	.00025	.00063	.0194	.00203	.01014
%RSD	.06172	.99742	.05185	.97063	.51899	.49044	2.8110

#1	1.2856	5.0126	.49149	.06569	3.7573	.41603	.36798
#2	1.2867	4.9424	.49113	.06479	3.7298	.41316	.35364

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.111	.36984	.28680	.11202	2.8291	.57543	.99235
Stddev	.114	.00095	.00261	.00102	.0627	.00205	.00855
%RSD	.94317	.25734	.90914	.90901	2.2178	.35606	.86133

#1	12.192	.36917	.28865	.11274	2.8734	.57398	.99840
#2	12.031	.37051	.28496	.11130	2.7847	.57688	.98631

Sample Name: J6397-02MSD Acquired: 12/14/2018 21:48:41 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB10_12-14MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21027	5.777	.14849	<.00000	F<.00000
Stddev	.00009	.009	.00052	.11616	.08678
%RSD	.04469	.1633	.34990	2.6524	1.4439

#1	.21034	5.784	.14886	-4.2973	-5.9490
#2	.21021	5.770	.14813	-4.4615	-6.0718

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2770.5	62271.	4247.0	97.354	3652.8
Stddev	3.3	17.	39.3	2.581	3.7
%RSD	.11899	.02699	.92599	2.6508	.10116

#1	2772.8	62283.	4219.2	95.529	3655.4
#2	2768.1	62260.	4274.8	99.179	3650.2

Sample Name: CCV10 Acquired: 12/14/2018 21:52:31 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7420	4.8528	4.8644	4.8445	5.0980	9.8064	10.326
Stddev	.0160	.0047	.0008	.0006	.0123	.0007	.002
%RSD	.33659	.09712	.01537	.01273	.24074	.00730	.01658

#1	4.7533	4.8562	4.8650	4.8450	5.1067	9.8059	10.327
#2	4.7308	4.8495	4.8639	4.8441	5.0893	9.8070	10.325

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25512	2.5081	26.312	.98819	2.4392	1.2530	4.5790
Stddev	.00095	.0010	.012	.00292	.0018	.0025	.1312
%RSD	.37225	.03846	.04483	.29597	.07262	.19977	2.8662

#1	.25445	2.5088	26.304	.98612	2.4405	1.2548	4.4862
#2	.25580	2.5074	26.320	.99026	2.4379	1.2512	4.6718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6081	26.718	2.3922	1.1555	25.518	2.5431	2.4440
Stddev	.0030	.031	.0008	.0027	.018	.0010	.0617
%RSD	.11430	.11595	.03235	.23562	.06886	.03775	2.5228

#1	2.6060	26.740	2.3916	1.1536	25.530	2.5424	2.4004
#2	2.6102	26.696	2.3927	1.1574	25.505	2.5438	2.4876

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.180	5.0561	5.0422	F 4.3942	4.8202	4.6002	4.9574
Stddev	.045	.0050	.0275	.0033	.0200	.0042	.0014
%RSD	.18721	.09846	.54555	.07535	.41476	.09083	.02914

#1	24.212	5.0596	5.0616	4.3918	4.8061	4.6032	4.9564
#2	24.148	5.0526	5.0227	4.3965	4.8344	4.5973	4.9584

Sample Name: CCV10 Acquired: 12/14/2018 21:52:31 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0366	4.664	5.0686	F<.00000	F 3.3043
Stddev	.0094	.005	.0268	.18803	.9745
%RSD	.18622	.1077	.52908	10.234	29.493

#1	5.0299	4.668	5.0496	-1.7043	3.9934
#2	5.0432	4.661	5.0876	-1.9702	2.6152

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2618.0	58504.	4102.0	95.136	3364.0
Stddev	12.0	111.	8.8	2.204	8.0
%RSD	.45723	.18916	.21413	2.3169	.23864

#1	2609.6	58425.	4108.2	96.695	3358.3
#2	2626.5	58582.	4095.7	93.577	3369.6

Sample Name: CCB10 Acquired: 12/14/2018 21:56:17 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	-.00055	.00194	.00091	-.00038	.01441	-.00114
Stddev	.00055	.00013	.00081	.00218	.00066	.00784	.00179
%RSD	170.88	22.831	41.590	239.25	172.57	54.433	157.76

#1	.00071	-.00046	.00251	.00246	-.00085	.01996	.00013
#2	-.00007	-.00064	.00137	-.00063	.00008	.00886	-.00240

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00000	-.00154	.00064	.00004	.00045	-.00692
Stddev	.00003	.00006	.00507	.00028	.00019	.00026	.00044
%RSD	59.504	2459.2	329.48	43.180	455.29	57.180	6.4319

#1	-.00007	-.00005	.00205	.00084	.00018	.00027	-.00660
#2	-.00003	.00004	-.00512	.00045	-.00009	.00063	-.00723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.01947	.00062	-.00022	-.05186	.00025	.00003
Stddev	.00000	.00494	.00001	.00046	.00449	.00047	.00017
%RSD	5.0013	25.353	2.3062	209.15	8.6542	192.90	636.72

#1	.00006	-.02296	.00063	-.00055	-.05504	.00058	.00014
#2	.00006	-.01598	.00061	.00011	-.04869	-.00009	-.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03463	.00033	-.00613	-.00163	-.00441	-.00032	-.00054
Stddev	.02720	.00023	.00146	.00047	.00128	.00035	.00017
%RSD	78.541	71.453	23.734	28.674	29.013	108.80	31.733

#1	.01540	.00049	-.00716	-.00130	-.00350	-.00057	-.00042
#2	.05386	.00016	-.00510	-.00196	-.00531	-.00007	-.00066

Sample Name: CCB10 Acquired: 12/14/2018 21:56:17 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00074	F .0050	.00019	F<.00000	F<.00000
Stddev	.00050	.0010	.00006	.25401	.00059
%RSD	68.076	19.11	32.541	6.5010	.62705
#1	-.00109	.0057	.00024	-4.0869	-.09292
#2	-.00038	.0044	.00015	-3.7277	-.09375
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2756.6	61731.	4192.0	100.62	3860.7
Stddev	2.4	223.	42.2	2.68	6.0
%RSD	.08861	.36148	1.0076	2.6646	.15511
#1	2754.8	61889.	4162.1	98.725	3856.5
#2	2758.3	61573.	4221.9	102.52	3864.9

Sample Name: J6397-02A Acquired: 12/14/2018 22:00:23 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-OILY-WA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71284	1.8421	.94238	1.7345	.48937	28.775	.29357
Stddev	.00207	.0001	.00096	.0092	.00181	.181	.00221
%RSD	.29080	.00349	.10197	.53335	.37068	.62967	.75146

#1	.71431	1.8420	.94170	1.7410	.49066	28.904	.29513
#2	.71137	1.8421	.94306	1.7280	.48809	28.647	.29201

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19207	.18702	2.1990	.46718	.20752	.35676	58.303
Stddev	.00016	.00008	.0030	.00256	.00011	.00295	.915
%RSD	.08248	.04165	.13781	.54756	.05081	.82555	1.5698

#1	.19196	.18697	2.1968	.46898	.20744	.35884	57.656
#2	.19218	.18708	2.2011	.46537	.20759	.35468	58.950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2950	4.9541	.49432	.06507	3.7624	.41622	.35394
Stddev	.0007	.0502	.00066	.00050	.0429	.00034	.00518
%RSD	.05310	1.0137	.13340	.77470	1.1410	.08106	1.4638

#1	1.2945	4.9896	.49385	.06542	3.7928	.41646	.35027
#2	1.2955	4.9186	.49478	.06471	3.7321	.41598	.35760

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.083	.37239	.29228	.10846	2.7954	.57546	.99852
Stddev	.149	.00170	.00287	.00225	.0261	.00202	.00210
%RSD	1.2335	.45779	.98124	2.0736	.93308	.35081	.21079

#1	12.188	.37359	.29025	.11005	2.8138	.57404	1.0000
#2	11.977	.37118	.29431	.10687	2.7769	.57689	.99704

Sample Name: J6397-02A Acquired: 12/14/2018 22:00:23 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-OILY-WA Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21004	5.795	.15146	<.00000	F<.00000
Stddev	.00044	.001	.00017	.21840	.40619
%RSD	.21001	.0116	.10984	4.9922	5.0096

#1	.21035	5.795	.15134	-4.2204	-8.3955
#2	.20972	5.795	.15158	-4.5293	-7.8210

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2763.9	62278.	4284.6	99.565	3655.3
Stddev	10.8	180.	6.8	1.458	1.3
%RSD	.39138	.28855	.15967	1.4640	.03647

#1	2756.3	62151.	4279.7	100.60	3656.3
#2	2771.6	62405.	4289.4	98.534	3654.4

Sample Name: J6397-03 Acquired: 12/14/2018 22:04:13 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB11_0-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03666	-.00581	.07015	.00739	.00198	44.996	.22904	.00231
Stddev	.00167	.00014	.00053	.00093	.00028	.046	.00122	.00005
%RSD	4.5667	2.3690	.75438	12.539	14.264	.10122	.53449	1.9495
#1	.03548	-.00590	.07053	.00804	.00178	45.029	.22991	.00228
#2	.03784	-.00571	.06978	.00673	.00217	44.964	.22817	.00234
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	495.02	.16480	.04338	.10411	66.827	1.9178	206.42
Stddev	.00008	2.16	.00055	.00048	.00010	.803	.0020	.22
%RSD	6.4742	.43592	.33312	1.0992	.09946	1.2023	.10507	.10804
#1	.00125	496.55	.16441	.04304	.10419	67.396	1.9192	206.58
#2	.00114	493.50	.16518	.04371	.10404	66.259	1.9164	206.27
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06210	.00020	1.4651	.09324	1.1677	4.2142	.02515	.01702
Stddev	.00109	.00028	.0114	.00005	.0189	.0432	.00006	.00560
%RSD	1.7609	141.03	.77639	.05035	1.6220	1.0243	.23979	32.906
#1	.06133	.00039	1.4571	.09328	1.1811	4.2447	.02511	.02098
#2	.06287	.00000	1.4731	.09321	1.1543	4.1836	.02520	.01306
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0768	6.7084	.00171	.76692	.03554	2.217	.56131	<.00000
Stddev	.0191	.0404	.00045	.00225	.00023	.004	.00261	.04068
%RSD	.27014	.60240	26.079	.29295	.64769	.1996	.46546	2.8344
#1	7.0633	6.7370	.00202	.76533	.03571	2.221	.56316	-1.4066
#2	7.0903	6.6798	.00139	.76851	.03538	2.214	.55946	-1.4641

Sample Name: J6397-03 Acquired: 12/14/2018 22:04:13 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB11_0-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.8865
 Stddev .1745
 %RSD 2.9648

#1 5.7631
 #2 6.0099

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2496.8	56043.	4140.9	90.448	3010.3
Stddev	11.2	98.	26.1	1.535	11.7
%RSD	.45026	.17556	.63039	1.6972	.38879

#1	2488.8	55974.	4122.5	89.363	3002.1
#2	2504.7	56113.	4159.4	91.534	3018.6

Sample Name: J6397-04 Acquired: 12/14/2018 22:08:10 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB11_12-14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02078	-.00237	.01134	.00267	.00101	11.358	.03877	.00088
Stddev	.00031	.00042	.00027	.00052	.00030	.062	.00033	.00012
%RSD	1.4865	17.669	2.3634	19.343	30.146	.54447	.85058	13.218

#1	.02100	-.00267	.01153	.00303	.00080	11.401	.03854	.00097
#2	.02056	-.00207	.01115	.00230	.00123	11.314	.03901	.00080

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	2.3700	.06827	.00476	.04132	37.905	.19237	2.3382
Stddev	.00001	.0003	.00083	.00003	.00031	.176	.00011	.0854
%RSD	10.777	.01192	1.2164	.58184	.74528	.46432	.05679	3.6544

#1	.00011	2.3698	.06886	.00474	.04154	37.780	.19245	2.3986
#2	.00013	2.3702	.06768	.00478	.04110	38.029	.19229	2.2778

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01587	-.00017	.75605	.06104	.27053	1.3224	.00255	-.00342
Stddev	.00050	.00005	.00781	.00001	.00188	.0224	.00007	.00594
%RSD	3.1570	29.654	1.0326	.01844	.69559	1.6957	2.6688	173.74

#1	.01551	-.00014	.76157	.06103	.26920	1.3382	.00251	-.00762
#2	.01622	-.00021	.75053	.06105	.27186	1.3065	.00260	.00078

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07428	1.5335	.00016	.46797	.00668	.8831	-.02269	<.00000
Stddev	.00138	.0434	.00007	.00132	.00036	.0008	.00006	.01165
%RSD	1.8513	2.8298	45.898	.28174	5.3746	.0856	.28297	.23169

#1	.07526	1.5028	.00011	.46890	.00643	.8836	-.02264	-5.0361
#2	.07331	1.5642	.00022	.46704	.00694	.8826	-.02273	-5.0196

Sample Name: J6397-04 Acquired: 12/14/2018 22:08:10 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB11_12-14 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.7901
 Stddev .2654
 %RSD 5.5398

#1 4.9778
 #2 4.6025

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2769.3	62591.	4285.5	100.29	3779.0
Stddev	1.8	80.	1.2	.49	4.1
%RSD	.06467	.12810	.02775	.48829	.10775

#1	2768.1	62648.	4284.7	100.63	3776.1
#2	2770.6	62534.	4286.4	99.942	3781.9

Sample Name: J6397-05 Acquired: 12/14/2018 22:12:13 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SODUP01_1212 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02573	-.00492	.00236	.01130	.00123	13.221	.03083
Stddev	.00204	.00041	.00041	.00014	.00094	.001	.00114
%RSD	7.9296	8.3331	17.152	1.2666	76.251	.01070	3.6933

#1	.02718	-.00463	.00265	.01120	.00057	13.222	.03003
#2	.02429	-.00521	.00208	.01141	.00190	13.220	.03164

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00213	-.00024	1.5176	.12610	.00784	.06862	78.905
Stddev	.00012	.00005	.0146	.00033	.00005	.00052	1.532
%RSD	5.6458	22.657	.96449	.25950	.61433	.76317	1.9417

#1	.00205	-.00020	1.5073	.12587	.00788	.06899	77.821
#2	.00222	-.00028	1.5280	.12633	.00781	.06825	79.988

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41714	1.5700	.01987	.00022	.56963	.09199	.10005
Stddev	.00063	.0035	.00009	.00039	.00476	.00075	.00193
%RSD	.15214	.22527	.44066	173.34	.83493	.81741	1.9331

#1	.41759	1.5725	.01981	-.00005	.57300	.09146	.09868
#2	.41669	1.5675	.01993	.00050	.56627	.09252	.10142

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68524	.00593	-.01385	.12914	2.9812	.00225	.33441
Stddev	.00017	.00005	.00177	.00056	.1249	.00017	.00222
%RSD	.02528	.81261	12.764	.43225	4.1877	7.6737	.66426

#1	.68512	.00597	-.01510	.12874	2.8929	.00212	.33284
#2	.68537	.00590	-.01260	.12953	3.0695	.00237	.33598

Sample Name: J6397-05 Acquired: 12/14/2018 22:12:13 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SODUP01_1212 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00059	1.223	-.07590	<.00000	F<.00000
Stddev	.00116	.000	.00172	.30506	1.0313
%RSD	197.81	.0335	2.2651	5.6014	9.7368

#1	-.00023	1.223	-.07469	-5.2305	-9.8629
#2	.00140	1.222	-.07712	-5.6619	-11.321

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2783.9	62376.	4282.4	101.15	3734.8
Stddev	16.0	50.	9.4	1.92	11.1
%RSD	.57302	.07937	.21989	1.9030	.29662

#1	2795.2	62341.	4289.0	102.51	3742.6
#2	2772.6	62411.	4275.7	99.790	3726.9

Sample Name: J6403-01 Acquired: 12/14/2018 22:16:13 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2320	-.01145	14.649	.04595	.16246	103.17	5.3836
Stddev	.0016	.00070	.008	.00434	.00075	.21	.0182
%RSD	.12824	6.0821	.05576	9.4508	.46378	.20329	.33753

#1	1.2309	-.01096	14.643	.04288	.16300	103.32	5.3964
#2	1.2332	-.01194	14.655	.04902	.16193	103.03	5.3707

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00925	.02034	145.53	.49928	.11133	3.7467	229.09
Stddev	.00006	.00038	.05	.00384	.00069	.0003	4.61
%RSD	.61484	1.8824	.03748	.76875	.62291	.00832	2.0123

#1	.00929	.02061	145.49	.49656	.11084	3.7469	225.84
#2	.00921	.02007	145.57	.50199	.11182	3.7465	232.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8626	42.078	.42072	.02349	4.3108	.72119	12.375
Stddev	.0050	.074	.00014	.00039	.0120	.00232	.287
%RSD	.17590	.17663	.03282	1.6444	.27729	.32211	2.3228

#1	2.8590	42.025	.42062	.02322	4.3193	.71955	12.172
#2	2.8662	42.130	.42082	.02377	4.3023	.72283	12.578

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.609	.03348	.17626	8.5037	4.7740	1.7033	2.0324
Stddev	.038	.00031	.02115	.0351	.0124	.0012	.0056
%RSD	.35899	.92571	12.000	.41297	.26016	.07274	.27481

#1	10.636	.03326	.16131	8.4789	4.7652	1.7025	2.0364
#2	10.582	.03370	.19122	8.5285	4.7828	1.7042	2.0285

Sample Name: J6403-01 Acquired: 12/14/2018 22:16:13 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11898	F 15.91	.59383	<.00000	F<.00000
Stddev	.00100	.02	.00557	.01207	1.3950
%RSD	.84378	.0957	.93756	.18227	1.4258

#1	.11827	15.90	.59777	-6.6326	-96.853
#2	.11969	15.93	.58989	-6.6155	-98.826

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2819.8	63584.	4655.5	92.542	3237.5
Stddev	4.7	6.	2.9	1.878	4.1
%RSD	.16501	.00892	.06195	2.0294	.12605

#1	2816.5	63580.	4657.5	93.870	3234.6
#2	2823.1	63588.	4653.4	91.214	3240.4

Sample Name: J6403-05 Acquired: 12/14/2018 22:20:04 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0225	-.01607	14.536	.03898	.03502	135.20	5.1607
Stddev	.0013	.00089	.051	.00163	.00066	.40	.0112
%RSD	.12601	5.5444	.35020	4.1882	1.8775	.29361	.21733

#1	1.0216	-.01670	14.500	.03783	.03455	135.48	5.1528
#2	1.0234	-.01544	14.572	.04013	.03548	134.92	5.1686

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00987	.01949	146.82	.47611	.11694	2.5426	218.74
Stddev	.00004	.00055	.32	.00585	.00017	.0065	2.19
%RSD	.36738	2.8105	.21606	1.2290	.14679	.25352	.99930

#1	.00985	.01910	146.60	.48025	.11682	2.5380	220.29
#2	.00990	.01988	147.05	.47197	.11707	2.5472	217.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0552	41.308	.37445	.02018	3.9493	.65561	9.6599
Stddev	.0129	.372	.00080	.00041	.0121	.00079	.1462
%RSD	.31733	.89967	.21260	2.0338	.30668	.12102	1.5130

#1	4.0643	41.045	.37388	.02047	3.9407	.65505	9.7632
#2	4.0462	41.571	.37501	.01989	3.9578	.65617	9.5565

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.732	.02270	.14667	6.8454	5.0592	.89489	2.5838
Stddev	.034	.00007	.00600	.0289	.0155	.00920	.0162
%RSD	.26829	.31964	4.0919	.42241	.30719	1.0276	.62697

#1	12.708	.02265	.15092	6.8250	5.0482	.88838	2.5724
#2	12.756	.02275	.14243	6.8659	5.0702	.90139	2.5953

Sample Name: J6403-05 Acquired: 12/14/2018 22:20:04 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16063	F 22.74	.58591	<.00000	F<.00000
Stddev	.00054	.10	.00171	.31161	2.5497
%RSD	.33752	.4414	.29136	4.0598	2.6494

#1	.16102	22.67	.58470	-7.4551	-98.042
#2	.16025	22.82	.58711	-7.8957	-94.436

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2910.4	65347.	4811.4	94.951	3220.4
Stddev	6.2	486.	12.9	1.393	14.3
%RSD	.21176	.74420	.26869	1.4673	.44502

#1	2914.7	65003.	4802.3	93.966	3230.6
#2	2906.0	65691.	4820.6	95.937	3210.3

Sample Name: J6403-09 Acquired: 12/14/2018 22:24:01 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16980	-.01343	4.9031	.03232	.01007	97.421	1.6839
Stddev	.00184	.00024	.0262	.00471	.00426	.048	.0036
%RSD	1.0811	1.7806	.53356	14.583	42.324	.04932	.21549

#1	.16850	-.01360	4.8846	.03565	.00705	97.387	1.6865
#2	.17110	-.01326	4.9216	.02899	.01308	97.455	1.6814

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00862	.00619	95.995	.21645	.10828	.81147	212.01
Stddev	.00021	.00119	.312	.00185	.00015	.00180	10.31
%RSD	2.4809	19.183	.32528	.85673	.14302	.22128	4.8611

#1	.00847	.00535	96.216	.21514	.10817	.81274	219.29
#2	.00877	.00703	95.774	.21776	.10839	.81020	204.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9106	52.380	.22857	.00723	2.1647	.39200	2.8440
Stddev	.0100	.037	.00022	.00092	.0146	.00285	.1427
%RSD	.25450	.07029	.09786	12.723	.67341	.72827	5.0171

#1	3.9036	52.406	.22841	.00788	2.1750	.38998	2.9449
#2	3.9177	52.354	.22873	.00658	2.1544	.39402	2.7431

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.006	.00834	.09584	4.1963	4.1297	.28897	2.4989
Stddev	.053	.00017	.02065	.0118	.0031	.00026	.0078
%RSD	.41069	2.0277	21.544	.28034	.07407	.09037	.31140

#1	13.044	.00846	.11044	4.2046	4.1276	.28878	2.4934
#2	12.968	.00822	.08124	4.1880	4.1319	.28915	2.5044

Sample Name: J6403-09 Acquired: 12/14/2018 22:24:01 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15272	7.831	.08599	<.00000	F<.00000
Stddev	.00082	.002	.00988	.11634	2.1879
%RSD	.53826	.0264	11.494	1.3896	2.4092

#1	.15214	7.832	.07900	-8.2901	-89.269
#2	.15330	7.829	.09298	-8.4546	-92.363

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3009.1	67341.	4942.6	95.193	3282.9
Stddev	3.4	5.	21.0	4.686	17.0
%RSD	.11302	.00756	.42449	4.9223	.51639

#1	3011.5	67344.	4927.7	91.879	3294.8
#2	3006.7	67337.	4957.4	98.506	3270.9

Sample Name: J6403-13 Acquired: 12/14/2018 22:27:53 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21958	-.01548	5.0368	.04035	.00923	95.403	2.0092
Stddev	.00002	.00092	.0132	.00442	.00024	.113	.0073
%RSD	.01130	5.9745	.26212	10.961	2.5852	.11893	.36220

#1	.21956	-.01614	5.0274	.04348	.00940	95.323	2.0143
#2	.21960	-.01483	5.0461	.03722	.00907	95.484	2.0040

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00810	.00650	90.742	.21146	.11472	1.1880	244.06
Stddev	.00006	.00122	.738	.00190	.00031	.0062	10.20
%RSD	.68879	18.753	.81279	.90088	.26586	.52207	4.1785

#1	.00814	.00564	91.263	.21011	.11451	1.1836	251.27
#2	.00806	.00736	90.220	.21280	.11494	1.1924	236.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0260	44.052	.24388	.00814	2.0890	.41591	3.7083
Stddev	.0031	.070	.00004	.00163	.0155	.00262	.1266
%RSD	.07651	.15961	.01753	19.975	.74256	.63098	3.4148

#1	4.0238	44.002	.24385	.00929	2.0780	.41405	3.7979
#2	4.0282	44.101	.24391	.00699	2.0999	.41777	3.6188

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.335	.01388	.11328	7.1486	3.7280	.27916	2.4010
Stddev	.004	.00032	.01800	.0006	.0859	.00016	.0100
%RSD	.03374	2.3203	15.885	.00902	2.3054	.05718	.41643

#1	12.332	.01366	.12601	7.1490	3.6672	.27905	2.3939
#2	12.338	.01411	.10056	7.1481	3.7887	.27927	2.4080

Sample Name: J6403-13 Acquired: 12/14/2018 22:27:53 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14331	F 11.37	.08830	<.00000	F<.00000
Stddev	.00309	.01	.00934	.05036	1.5842
%RSD	2.1535	.1054	10.575	.58493	1.3574

#1	.14113	11.38	.08169	-8.5736	-115.59
#2	.14549	11.37	.09490	-8.6448	-117.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3009.1	67272.	4975.6	95.322	3280.9
Stddev	2.8	142.	10.6	3.367	.6
%RSD	.09380	.21122	.21216	3.5326	.01731

#1	3007.1	67373.	4968.1	92.940	3280.5
#2	3011.0	67172.	4983.0	97.703	3281.4

Sample Name: J6403-17 Acquired: 12/14/2018 22:31:45 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21839	-.01313	8.6880	.05860	.00998	127.14	2.3421
Stddev	.00258	.00010	.0276	.00217	.00218	.26	.0068
%RSD	1.1823	.77009	.31785	3.7099	21.817	.20685	.28894

#1	.21657	-.01305	8.7075	.06014	.01152	126.95	2.3469
#2	.22022	-.01320	8.6685	.05706	.00844	127.32	2.3373

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00942	.00964	106.64	.24237	.16448	1.8214	308.38
Stddev	.00001	.00006	.05	.00207	.00008	.0033	2.51
%RSD	.15808	.66906	.04774	.85239	.05083	.18289	.81533

#1	.00943	.00969	106.61	.24091	.16454	1.8191	306.60
#2	.00941	.00959	106.68	.24383	.16442	1.8238	310.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9328	64.538	.40882	.01337	4.3551	.49089	3.7950
Stddev	.0055	.104	.00033	.00036	.0437	.00068	.0202
%RSD	.14078	.16110	.08058	2.7188	1.0031	.13851	.53103

#1	3.9289	64.611	.40906	.01311	4.3860	.49041	3.7807
#2	3.9368	64.464	.40859	.01362	4.3242	.49137	3.8092

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.457	.02060	.34815	F 21.590	2.6238	.22510	4.8483
Stddev	.051	.00009	.00037	.002	.0310	.00010	.0213
%RSD	.44413	.42068	.10512	.00780	1.1804	.04240	.44021

#1	11.493	.02054	.34789	21.591	2.6457	.22503	4.8332
#2	11.421	.02066	.34840	21.589	2.6019	.22517	4.8634

Sample Name: J6403-17 Acquired: 12/14/2018 22:31:45 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23242	F 15.96	.21560	<.00000	F<.00000
Stddev	.00032	.00	.00428	.32860	2.5862
%RSD	.13862	.0007	1.9851	3.3605	1.5650
#1	.23219	15.96	.21862	-10.011	-163.42
#2	.23264	15.96	.21257	-9.5459	-167.08
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3018.3	67623.	4999.6	93.483	3198.9
Stddev	1.2	159.	8.5	.357	10.3
%RSD	.03857	.23521	.16955	.38186	.32237
#1	3019.2	67736.	4993.6	93.735	3191.6
#2	3017.5	67511.	5005.6	93.231	3206.2

Sample Name: J6403-21 Acquired: 12/14/2018 22:35:42 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15723	-.01547	9.7709	.05190	.01383	129.25	2.1868
Stddev	.00233	.00206	.0120	.00161	.00274	.09	.0023
%RSD	1.4814	13.311	.12280	3.1046	19.833	.06889	.10598

#1	.15888	-.01693	9.7794	.05304	.01577	129.19	2.1852
#2	.15558	-.01401	9.7624	.05076	.01189	129.32	2.1885

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00932	.00691	60.768	.22265	.13921	1.3208	291.41
Stddev	.00003	.00067	.216	.00006	.00037	.0027	4.77
%RSD	.29396	9.7343	.35589	.02854	.26755	.20249	1.6353

#1	.00930	.00739	60.615	.22269	.13895	1.3227	288.04
#2	.00934	.00644	60.921	.22260	.13947	1.3189	294.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8711	59.045	.37623	.01177	3.9367	.40185	3.9248
Stddev	.0031	.376	.00107	.00081	.0024	.00176	.0565
%RSD	.07888	.63653	.28405	6.8928	.06053	.43864	1.4391

#1	3.8732	58.779	.37698	.01120	3.9384	.40310	3.8849
#2	3.8689	59.310	.37547	.01235	3.9350	.40061	3.9647

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.880	.01287	.22902	F 10.361	2.9334	.22496	2.8624
Stddev	.010	.00050	.00437	.011	.0105	.00070	.0094
%RSD	.09643	3.8467	1.9071	.10546	.35680	.31062	.32844

#1	10.888	.01322	.22593	10.369	2.9408	.22446	2.8557
#2	10.873	.01252	.23211	10.353	2.9260	.22545	2.8690

Sample Name: J6403-21 Acquired: 12/14/2018 22:35:42 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19030	9.743	.07958	<.00000	F<.00000
Stddev	.00092	.014	.00467	.38072	2.7880
%RSD	.48583	.1410	5.8691	3.8724	1.8893

#1	.19096	9.753	.08288	-10.101	-145.60
#2	.18965	9.733	.07628	-9.5624	-149.54

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3042.8	68152.	4986.4	92.370	3244.3
Stddev	.5	65.	1.6	1.310	1.8
%RSD	.01618	.09471	.03295	1.4180	.05682

#1	3043.2	68198.	4987.5	93.296	3243.0
#2	3042.5	68107.	4985.2	91.444	3245.6

Sample Name: CCV11 Acquired: 12/14/2018 22:39:40 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7436	4.8627	4.8724	4.8689	5.1336	9.9460	10.402
Stddev	.0301	.0100	.0097	.0123	.0158	.0525	.026
%RSD	.63446	.20593	.19795	.25164	.30812	.52740	.24587

#1	4.7649	4.8556	4.8656	4.8776	5.1448	9.9089	10.384
#2	4.7223	4.8698	4.8792	4.8603	5.1224	9.9831	10.420

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25755	2.5146	26.500	.99138	2.4432	1.2597	4.5985
Stddev	.00021	.0022	.032	.00715	.0057	.0034	.0177
%RSD	.08095	.08639	.12226	.72170	.23355	.26961	.38494

#1	.25740	2.5130	26.523	.98632	2.4392	1.2621	4.5860
#2	.25770	2.5161	26.477	.99644	2.4472	1.2573	4.6110

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6286	26.761	2.3894	1.1525	25.589	2.5610	2.4487
Stddev	.0002	.013	.0013	.0002	.026	.0061	.0017
%RSD	.00594	.04901	.05357	.02039	.10233	.23659	.06819

#1	2.6285	26.752	2.3885	1.1523	25.570	2.5567	2.4475
#2	2.6287	26.770	2.3903	1.1527	25.607	2.5653	2.4499

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.191	5.0777	5.0983	F 4.3920	4.8005	4.5772	4.9805
Stddev	.083	.0217	.0137	.0146	.0192	.0010	.0008
%RSD	.34260	.42759	.26771	.33206	.39893	.02146	.01564

#1	24.133	5.0931	5.1080	4.3817	4.8141	4.5779	4.9799
#2	24.250	5.0623	5.0886	4.4023	4.7870	4.5765	4.9810

Sample Name: CCV11 Acquired: 12/14/2018 22:39:40 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0620	4.679	5.1165	F<.00000	F 3.1389
Stddev	.0038	.006	.0041	.12368	.5537
%RSD	.07474	.1286	.08019	5.8515	17.641

#1	5.0593	4.683	5.1136	-2.2011	2.7474
#2	5.0647	4.675	5.1194	-2.0262	3.5305

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2607.1	58211.	4118.1	94.772	3360.4
Stddev	12.7	11.	18.4	.055	2.7
%RSD	.48785	.01955	.44672	.05793	.08159

#1	2598.2	58219.	4105.1	94.811	3362.4
#2	2616.1	58203.	4131.1	94.733	3358.5

Sample Name: CCB11 Acquired: 12/14/2018 22:43:27 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7798 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.00048	F .00532	.00116	.00272	.01220	-.00192
Stddev	.00062	.00124	.00056	.00248	.00038	.01288	.00003
%RSD	213.42	257.12	10.553	213.79	13.808	105.57	1.4234

#1	-.00073	-.00136	.00572	-.00059	.00299	.00309	-.00194
#2	.00015	.00040	.00492	.00291	.00246	.02130	-.00190

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00006	-.01670	.00070	.00011	-.00011	-.00028
Stddev	.00006	.00002	.00233	.00013	.00022	.00013	.01146
%RSD	224.90	28.757	13.983	17.897	201.88	123.01	4155.0

#1	-.00002	.00007	-.01835	.00061	-.00005	-.00001	-.00838
#2	.00007	.00005	-.01505	.00079	.00027	-.00020	.00783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.02688	.00033	-.00025	-.06312	-.00052	.00084
Stddev	.00002	.04804	.00037	.00051	.01847	.00018	.00011
%RSD	15.643	178.70	113.19	201.65	29.269	34.828	12.901

#1	.00014	.06085	.00059	-.00061	-.05005	-.00065	.00092
#2	.00017	-.00709	.00007	.00011	-.07618	-.00039	.00076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04925	.00043	-.01508	-.00189	-.00311	.00016	.00118
Stddev	.01679	.00001	.00876	.00187	.00082	.00022	.00016
%RSD	34.088	1.7187	58.086	98.722	26.346	140.03	13.385

#1	.06111	.00043	-.02128	-.00057	-.00369	.00000	.00107
#2	.03738	.00042	-.00889	-.00321	-.00253	.00031	.00129

Sample Name: CCB11 Acquired: 12/14/2018 22:43:27 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7798 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.0050	.00012	F<.00000	F<.00000
Stddev	.00161	.0000	.00006	.16302	.05911
%RSD	737.30	.8171	49.143	3.3119	5.8473

#1	.00092	.0050	.00016	-4.8070	-1.0527
#2	-.00136	.0050	.00008	-5.0375	-.96906

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2761.9	62127.	4168.9	100.61	3867.1
Stddev	5.8	84.	.7	1.29	7.3
%RSD	.21071	.13443	.01796	1.2826	.18788

#1	2757.8	62068.	4169.4	101.53	3861.9
#2	2766.1	62186.	4168.4	99.700	3872.2

Sample Name: J6403-25 Acquired: 12/14/2018 22:47:34 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17640	-.01893	8.5039	.05231	.01541	115.77	2.9579
Stddev	.00104	.00174	.0404	.00413	.00127	.37	.0323
%RSD	.58859	9.1807	.47456	7.8923	8.2491	.32024	1.0918

#1	.17713	-.01770	8.5325	.04939	.01631	115.51	2.9807
#2	.17567	-.02016	8.4754	.05523	.01451	116.03	2.9350

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00956	.01586	462.80	.26039	.14497	1.8331	304.81
Stddev	.00008	.00033	3.27	.00081	.00091	.0048	1.29
%RSD	.83537	2.0589	.70753	.31140	.63095	.26329	.42427

#1	.00962	.01609	465.12	.26096	.14562	1.8365	303.90
#2	.00951	.01563	460.49	.25982	.14432	1.8297	305.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9168	275.92	.56591	.01390	5.0828	.65498	5.2628
Stddev	.0064	3.90	.00241	.00132	.0644	.00259	.0045
%RSD	.13013	1.4134	.42610	9.4773	1.2677	.39496	.08618

#1	4.9123	278.68	.56762	.01297	5.1284	.65681	5.2660
#2	4.9214	273.16	.56421	.01483	5.0373	.65315	5.2596

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.403	.01317	.15966	F 13.293	2.4281	.39305	3.1278
Stddev	.249	.00001	.01312	.026	.0229	.00187	.0048
%RSD	1.6145	.11007	8.2144	.19742	.94157	.47533	.15240

#1	15.579	.01316	.15039	13.312	2.4442	.39437	3.1244
#2	15.227	.01318	.16894	13.275	2.4119	.39173	3.1312

Sample Name: J6403-25 Acquired: 12/14/2018 22:47:34 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19660	F 13.49	.38924	<.00000	F<.00000
Stddev	.00180	.07	.00567	.05072	.52544
%RSD	.91784	.5342	1.4567	.63347	.35339

#1	.19787	13.55	.39325	-8.0422	-148.31
#2	.19532	13.44	.38523	-7.9705	-149.06

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2752.8	62658.	4804.9	86.923	2842.3
Stddev	9.3	19.	54.9	.027	14.3
%RSD	.33813	.03101	1.1423	.03060	.50403

#1	2746.2	62644.	4766.1	86.904	2832.2
#2	2759.4	62671.	4843.7	86.942	2852.5

Sample Name: J6403-29 Acquired: 12/14/2018 22:51:37 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18809	-.01970	12.465	.05793	.02788	116.83	2.8724
Stddev	.00079	.00152	.023	.00760	.00101	.33	.0094
%RSD	.42157	7.7320	.18766	13.118	3.6348	.28293	.32784

#1	.18865	-.01863	12.482	.06330	.02717	116.60	2.8657
#2	.18753	-.02078	12.449	.05256	.02860	117.07	2.8790

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00914	.01365	104.92	.35231	.15509	2.0601	319.72
Stddev	.00020	.00026	.20	.00046	.00053	.0016	3.24
%RSD	2.1781	1.9182	.19498	.13073	.34443	.07963	1.0137

#1	.00928	.01347	105.06	.35198	.15547	2.0613	322.01
#2	.00900	.01384	104.77	.35263	.15471	2.0590	317.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4985	83.491	.55379	.01373	4.0629	.66403	5.6447
Stddev	.0015	.239	.00016	.00025	.0001	.00396	.0458
%RSD	.03384	.28665	.02969	1.7924	.00334	.59583	.81148

#1	4.4974	83.321	.55367	.01390	4.0628	.66683	5.6771
#2	4.4996	83.660	.55390	.01356	4.0629	.66123	5.6123

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.222	.01343	.14532	6.9401	2.3147	.93905	2.9468
Stddev	.000	.00036	.00799	.0211	.0227	.00011	.0034
%RSD	.00074	2.6870	5.4999	.30458	.98100	.01172	.11686

#1	10.222	.01317	.15097	6.9252	2.3308	.93913	2.9444
#2	10.222	.01368	.13967	6.9551	2.2987	.93897	2.9493

Sample Name: J6403-29 Acquired: 12/14/2018 22:51:37 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20120	F 11.87	.22977	<.00000	F<.00000
Stddev	.00153	.00	.00469	.62570	1.0321
%RSD	.76126	.0192	2.0408	5.6711	.60073

#1	.20011	11.87	.22645	-11.476	-171.07
#2	.20228	11.87	.23309	-10.591	-172.53

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2984.5	67675.	4941.7	91.863	3177.6
Stddev	3.1	176.	5.4	.776	8.7
%RSD	.10351	.25950	.10901	.84523	.27241

#1	2982.3	67799.	4945.5	91.313	3171.5
#2	2986.7	67551.	4937.9	92.412	3183.8

Sample Name: J6403-33 Acquired: 12/14/2018 22:55:39 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15517	-.01847	11.264	.05110	.01183	121.63	3.3936
Stddev	.00236	.00155	.004	.00125	.00244	.11	.0183
%RSD	1.5238	8.3746	.03360	2.4397	20.621	.09130	.53998

#1	.15350	-.01957	11.261	.05199	.01355	121.71	3.4066
#2	.15684	-.01738	11.266	.05022	.01010	121.55	3.3807

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00886	.01145	144.71	.31800	.13281	1.8765	312.65
Stddev	.00004	.00069	.06	.00036	.00059	.0006	2.72
%RSD	.48269	6.0362	.04485	.11301	.44237	.03061	.86943

#1	.00883	.01193	144.66	.31825	.13322	1.8761	310.72
#2	.00889	.01096	144.76	.31774	.13239	1.8769	314.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4870	104.52	.44663	.01369	2.8605	.55995	5.4423
Stddev	.0017	.59	.00072	.00064	.0219	.00062	.0399
%RSD	.03822	.56535	.16103	4.6744	.76547	.11124	.73329

#1	4.4883	104.94	.44714	.01324	2.8760	.55951	5.4141
#2	4.4858	104.10	.44612	.01414	2.8450	.56039	5.4705

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.207	.01289	.16704	9.0861	3.7245	.29268	2.9516
Stddev	.102	.00004	.00128	.0313	.1061	.00036	.0017
%RSD	.83207	.27213	.76891	.34462	2.8485	.12142	.05577

#1	12.279	.01292	.16613	9.0639	3.7995	.29293	2.9527
#2	12.136	.01287	.16795	9.1082	3.6494	.29243	2.9504

Sample Name: J6403-33 Acquired: 12/14/2018 22:55:39 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-5-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18804	F 13.60	.16150	<.00000	F<.00000
Stddev	.00127	.01	.00244	.22049	1.1213
%RSD	.67453	.0681	1.5112	2.3649	.70563

#1	.18894	13.60	.16323	-9.1673	-159.70
#2	.18715	13.59	.15978	-9.4792	-158.11

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2931.9	66333.	4865.4	89.930	3121.1
Stddev	5.9	149.	17.6	.575	2.6
%RSD	.20176	.22515	.36114	.63923	.08310

#1	2927.7	66228.	4852.9	90.336	3119.3
#2	2936.1	66439.	4877.8	89.523	3123.0

Sample Name: J6403-37 Acquired: 12/14/2018 22:59:37 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12183	-.01972	5.2549	.03935	.01473	112.79	2.0203
Stddev	.00034	.00001	.0055	.00158	.00028	.92	.0166
%RSD	.27572	.07186	.10529	4.0066	1.8848	.81996	.81985

#1	.12159	-.01971	5.2588	.03823	.01492	112.14	2.0320
#2	.12207	-.01973	5.2510	.04046	.01453	113.45	2.0086

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00831	.01062	159.41	.28502	.12975	2.0846	273.94
Stddev	.00001	.00081	.69	.00163	.00072	.0040	7.55
%RSD	.11291	7.6716	.43425	.57331	.55710	.19035	2.7564

#1	.00832	.01004	159.90	.28387	.13026	2.0818	279.28
#2	.00831	.01120	158.92	.28618	.12923	2.0874	268.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5089	111.49	.38039	.01112	3.4808	.51299	3.9520
Stddev	.0035	1.31	.00096	.00140	.0449	.00137	.1396
%RSD	.07734	1.1732	.25220	12.563	1.2885	.26626	3.5317

#1	4.5065	112.42	.37972	.01211	3.5126	.51202	4.0507
#2	4.5114	110.57	.38107	.01013	3.4491	.51396	3.8533

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.842	.00943	.11552	5.4869	3.2965	.22427	3.1264
Stddev	.125	.00013	.01107	.0035	.0032	.00069	.0027
%RSD	1.1536	1.3704	9.5854	.06319	.09869	.30825	.08581

#1	10.930	.00952	.12335	5.4845	3.2988	.22378	3.1283
#2	10.753	.00934	.10769	5.4894	3.2942	.22476	3.1245

Sample Name: J6403-37 Acquired: 12/14/2018 22:59:37 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-5-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17066	8.680	.13516	<.00000	F<.00000
Stddev	.00003	.001	.00666	.19022	2.1097
%RSD	.01518	.0102	4.9287	2.1003	1.5521

#1	.17068	8.679	.13045	-9.1917	-134.44
#2	.17064	8.681	.13987	-8.9226	-137.42

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2931.6	66213.	4885.0	94.478	3130.9
Stddev	.8	71.	61.8	3.328	4.3
%RSD	.02849	.10738	1.2649	3.5223	.13690

#1	2932.2	66264.	4841.3	92.125	3127.9
#2	2931.0	66163.	4928.7	96.832	3133.9

Sample Name: J6403-41 Acquired: 12/14/2018 23:03:36 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00680	-.04714	.70575	.05046	.00382	183.12	2.4205
Stddev	.00038	.00250	.00318	.00264	.00076	1.10	.0128
%RSD	5.6559	5.3004	.45084	5.2323	19.953	.60313	.52984

#1	.00653	-.04890	.70800	.04859	.00328	182.34	2.4114
#2	.00707	-.04537	.70350	.05233	.00436	183.91	2.4295

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00745	.00477	113.83	.36333	.22848	.89115	410.09
Stddev	.00024	.00083	.44	.00205	.00007	.00254	6.46
%RSD	3.2118	17.412	.38899	.56494	.03056	.28475	1.5748

#1	.00762	.00418	113.52	.36479	.22853	.88935	414.66
#2	.00728	.00536	114.15	.36188	.22843	.89294	405.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4796	116.26	.42535	.02036	3.2855	.59170	1.4293
Stddev	.0423	.24	.00031	.00073	.0126	.00107	.0300
%RSD	.94394	.20466	.07266	3.5847	.38420	.18023	2.0955

#1	4.4497	116.09	.42557	.02088	3.2765	.59246	1.4505
#2	4.5095	116.43	.42513	.01984	3.2944	.59095	1.4082

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	104.72	.00921	.17608	F 18.864	4.8436	.02913	F 17.711
Stddev	.44	.00035	.02234	.009	.0354	.00022	.077
%RSD	.42002	3.8242	12.687	.04896	.73119	.74528	.43345

#1	104.41	.00946	.19188	18.871	4.8686	.02928	17.657
#2	105.03	.00896	.16028	18.858	4.8185	.02898	17.765

Sample Name: J6403-41 Acquired: 12/14/2018 23:03:36 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-6-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.47271	F 11.36	-.14399	<.00000	F<.00000
Stddev	.00155	.02	.00808	.26076	.14408
%RSD	.32729	.1861	5.6093	2.1273	.05866

#1	.47162	11.37	-.14970	-12.074	-245.52
#2	.47381	11.34	-.13828	-12.443	-245.72

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3018.7	67931.	5045.0	89.943	2994.9
Stddev	.8	74.	16.2	1.905	6.3
%RSD	.02541	.10905	.32075	2.1175	.21000

#1	3018.1	67879.	5033.5	88.597	2990.5
#2	3019.2	67984.	5056.4	91.290	2999.4

Sample Name: J6403-45 Acquired: 12/14/2018 23:07:39 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01291	-.04296	.65257	.04914	.00094	161.88	2.1295
Stddev	.00306	.00099	.00251	.00478	.00119	.86	.0110
%RSD	23.715	2.2957	.38466	9.7317	126.29	.53121	.51726

#1	.01074	-.04226	.65079	.05252	.00010	161.27	2.1373
#2	.01507	-.04366	.65434	.04576	.00179	162.49	2.1217

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00660	.00335	160.50	.34835	.19744	.68356	364.76
Stddev	.00006	.00051	.46	.00139	.00066	.00016	5.52
%RSD	.89488	15.316	.28905	.39911	.33680	.02346	1.5125

#1	.00655	.00299	160.83	.34737	.19791	.68344	368.66
#2	.00664	.00371	160.17	.34934	.19697	.68367	360.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2604	102.09	.37813	.01918	2.9163	.59292	1.3755
Stddev	.0032	1.12	.00135	.00099	.0257	.00241	.0231
%RSD	.07601	1.0964	.35638	5.1588	.88194	.40668	1.6821

#1	4.2581	102.88	.37908	.01988	2.9345	.59121	1.3919
#2	4.2627	101.30	.37718	.01848	2.8981	.59462	1.3591

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	89.338	.01117	.18317	F 12.196	5.1452	.03395	F 15.988
Stddev	.469	.00028	.00808	.002	.0145	.00112	.012
%RSD	.52460	2.5455	4.4110	.01816	.28104	3.2923	.07305

#1	89.670	.01137	.18889	12.197	5.1554	.03316	15.996
#2	89.007	.01097	.17746	12.194	5.1349	.03474	15.979

Sample Name: J6403-45 Acquired: 12/14/2018 23:07:39 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-6-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.40223	F 11.89	-.09870	<.00000	F<.00000
Stddev	.00192	.04	.00642	.07541	.14759
%RSD	.47706	.3524	6.5089	.67361	.07524

#1	.40358	11.92	-.10324	-11.248	-196.06
#2	.40087	11.86	-.09416	-11.142	-196.27

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3033.3	68541.	5083.9	88.796	2999.3
Stddev	9.9	119.	30.4	1.574	11.5
%RSD	.32561	.17397	.59855	1.7724	.38404

#1	3026.3	68625.	5062.4	87.683	2991.2
#2	3040.3	68457.	5105.4	89.909	3007.5

Sample Name: J6403-49 Acquired: 12/14/2018 23:11:38 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02726	-.03706	1.1918	.04965	.00225	147.79	2.2418
Stddev	.00111	.00242	.0028	.00300	.00001	.66	.0103
%RSD	4.0829	6.5417	.23329	6.0403	.23326	.44464	.45982

#1	.02805	-.03534	1.1938	.05177	.00226	147.32	2.2346
#2	.02648	-.03877	1.1898	.04753	.00225	148.25	2.2491

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00757	.00391	154.40	.27708	.20087	.92375	357.43
Stddev	.00008	.00049	.96	.00123	.00012	.00434	1.10
%RSD	1.0334	12.589	.62077	.44300	.05819	.47011	.30887

#1	.00762	.00356	153.72	.27621	.20079	.92068	356.65
#2	.00751	.00426	155.08	.27795	.20096	.92682	358.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3172	95.815	.38803	.01707	3.3219	.50078	1.9711
Stddev	.0055	.344	.00197	.00018	.0319	.00084	.0002
%RSD	.12700	.35939	.50842	1.0686	.96041	.16725	.01066

#1	4.3133	95.572	.38942	.01719	3.2993	.50019	1.9709
#2	4.3210	96.059	.38663	.01694	3.3444	.50137	1.9712

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	76.833	.01099	.23055	F 12.693	3.3089	.04956	F 12.666
Stddev	.331	.00008	.00959	.027	.0480	.00023	.069
%RSD	.43145	.70750	4.1588	.21065	1.4491	.47100	.54321

#1	76.599	.01094	.22377	12.712	3.2750	.04939	12.618
#2	77.068	.01105	.23733	12.674	3.3428	.04972	12.715

Sample Name: J6403-49 Acquired: 12/14/2018 23:11:38 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-7-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.35043	F 11.16	.11686	<.00000	F<.00000
Stddev	.00056	.03	.00245	.01705	2.6362
%RSD	.16058	.2647	2.0980	.15362	1.4342
#1	.35083	11.18	.11513	-11.088	-181.94
#2	.35003	11.14	.11859	-11.112	-185.67
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3007.6	67959.	5024.6	88.396	3027.0
Stddev	5.2	26.	5.7	.172	14.2
%RSD	.17455	.03840	.11312	.19418	.46819
#1	3011.4	67940.	5028.6	88.275	3017.0
#2	3003.9	67977.	5020.5	88.518	3037.0

Sample Name: J6403-53 Acquired: 12/14/2018 23:15:36 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00729	-.04151	.85988	.05901	.00130	170.24	2.2557
Stddev	.00144	.00401	.00011	.00391	.00146	.66	.0020
%RSD	19.709	9.6499	.01294	6.6284	112.50	.38673	.08985

#1	.00628	-.03868	.85980	.06178	.00233	169.78	2.2572
#2	.00831	-.04435	.85995	.05625	.00027	170.71	2.2543

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00755	.00614	285.99	.30392	.24111	.95289	425.19
Stddev	.00024	.00013	.07	.00200	.00021	.00295	1.47
%RSD	3.2243	2.0503	.02512	.65785	.08825	.30976	.34652

#1	.00738	.00623	286.04	.30534	.24096	.95081	424.15
#2	.00773	.00605	285.94	.30251	.24126	.95498	426.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4147	115.43	.45673	.01975	3.5062	.58138	1.6808
Stddev	.0391	.04	.00005	.00073	.0162	.00305	.0034
%RSD	.72141	.03748	.01037	3.7122	.46210	.52424	.20141

#1	5.3870	115.40	.45670	.01923	3.5177	.58354	1.6832
#2	5.4423	115.46	.45677	.02027	3.4948	.57923	1.6785

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	80.678	.01108	.24848	F 15.098	4.8917	.03895	F 13.926
Stddev	.052	.00023	.01490	.023	.0321	.00099	.011
%RSD	.06472	2.0596	5.9948	.15269	.65544	2.5443	.07660

#1	80.714	.01124	.23795	15.082	4.9144	.03965	13.933
#2	80.641	.01091	.25901	15.114	4.8691	.03825	13.918

Sample Name: J6403-53 Acquired: 12/14/2018 23:15:36 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-7-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.39803	F 14.92	-.03876	<.00000	F<.00000
Stddev	.00140	.02	.00077	.36949	1.6392
%RSD	.35179	.1078	1.9970	2.7889	.64803

#1	.39902	14.93	-.03821	-13.510	-254.11
#2	.39704	14.91	-.03931	-12.988	-251.79

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3064.9	69260.	5205.0	87.566	2888.6
Stddev	.2	81.	15.6	.140	6.3
%RSD	.00615	.11746	.29913	.15933	.21870

#1	3065.0	69318.	5194.0	87.468	2884.1
#2	3064.8	69202.	5216.0	87.665	2893.0

Sample Name: J6403-57 Acquired: 12/14/2018 23:19:40 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8-A Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07769	-.02417	3.7020	.04317	.00516	137.80	1.3487
Stddev	.00160	.00353	.0037	.00080	.00100	.63	.0143
%RSD	2.0610	14.612	.09995	1.8468	19.441	.45811	1.0596

#1	.07655	-.02667	3.6994	.04261	.00586	137.35	1.3588
#2	.07882	-.02167	3.7046	.04373	.00445	138.24	1.3386

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00680	.00815	138.15	.19592	.17339	1.2749	334.34
Stddev	.00016	.00085	.57	.00096	.00002	.0014	4.42
%RSD	2.3592	10.485	.41536	.48927	.01408	.10796	1.3234

#1	.00669	.00875	138.56	.19660	.17337	1.2759	331.21
#2	.00691	.00754	137.75	.19524	.17341	1.2739	337.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3111	115.30	.28860	.01041	3.8109	.55538	2.4156
Stddev	.0065	.73	.00076	.00049	.0488	.00114	.0274
%RSD	.15094	.63123	.26337	4.6773	1.2806	.20462	1.1334

#1	4.3157	115.82	.28806	.01007	3.8454	.55458	2.3962
#2	4.3065	114.79	.28914	.01076	3.7764	.55619	2.4349

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.099	.00222	3.2530	4.0160	5.7952	.16818	3.7442
Stddev	.109	.00056	.0027	.0032	.1368	.00002	.0018
%RSD	.83197	25.206	.08158	.08016	2.3610	.01276	.04746

#1	13.176	.00262	3.2511	4.0138	5.8920	.16816	3.7429
#2	13.022	.00183	3.2549	4.0183	5.6985	.16819	3.7454

Sample Name: J6403-57 Acquired: 12/14/2018 23:19:40 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18214	9.174	.17198	<.00000	F<.00000
Stddev	.00275	.011	.00797	.07142	.20521
%RSD	1.5085	.1197	4.6335	.68043	.11351

#1	.18020	9.182	.17761	-10.446	-180.93
#2	.18408	9.167	.16634	-10.547	-180.63

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2982.6	67449.	5002.0	91.977	3085.9
Stddev	7.2	46.	39.2	.969	4.0
%RSD	.24295	.06829	.78431	1.0537	.13051

#1	2977.5	67482.	4974.3	92.662	3083.1
#2	2987.8	67417.	5029.8	91.291	3088.8

Sample Name: J6403-61 Acquired: 12/14/2018 23:23:39 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08924	-.02416	4.9013	.04906	.00408	145.98	1.2165
Stddev	.00119	.00014	.0095	.00191	.00125	.21	.0039
%RSD	1.3338	.58839	.19454	3.8838	30.539	.14605	.32204

#1	.08840	-.02426	4.8945	.05041	.00320	146.13	1.2193
#2	.09008	-.02406	4.9080	.04771	.00496	145.83	1.2137

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00647	.00810	174.27	.19462	.19359	1.7263	354.67
Stddev	.00000	.00032	.97	.00103	.00049	.0011	2.59
%RSD	.06608	3.9918	.55648	.52815	.25431	.06240	.73029

#1	.00647	.00833	174.96	.19389	.19324	1.7255	352.84
#2	.00646	.00787	173.59	.19535	.19393	1.7271	356.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1507	114.59	.29290	.01235	5.1400	.63692	2.5975
Stddev	.0333	.16	.00013	.00025	.0190	.00093	.0316
%RSD	.64700	.14236	.04366	2.0548	.36912	.14606	1.2162

#1	5.1743	114.48	.29281	.01253	5.1534	.63758	2.5751
#2	5.1271	114.71	.29299	.01217	5.1266	.63626	2.6198

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.972	.00677	4.4642	3.4092	5.7626	.10594	4.2844
Stddev	.052	.00006	.0249	.0040	.0224	.00117	.0243
%RSD	.40272	.88285	.55686	.11851	.38841	1.1016	.56731

#1	13.009	.00681	4.4818	3.4120	5.7785	.10512	4.3016
#2	12.935	.00673	4.4466	3.4063	5.7468	.10677	4.2672

Sample Name: J6403-61 Acquired: 12/14/2018 23:23:39 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18372	9.359	.30244	<.00000	F<.00000
Stddev	.00149	.011	.00543	.16597	1.5761
%RSD	.81125	.1133	1.7963	1.4734	.81853

#1	.18477	9.367	.30628	-11.147	-191.44
#2	.18267	9.352	.29859	-11.382	-193.67

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2982.3	67374.	4986.6	89.755	3064.7
Stddev	8.2	92.	13.3	.886	9.1
%RSD	.27338	.13645	.26750	.98687	.29793

#1	2976.6	67309.	4977.1	90.382	3058.3
#2	2988.1	67439.	4996.0	89.129	3071.2

Sample Name: CCV12 Acquired: 12/14/2018 23:27:43 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14346 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7086	4.8659	4.8705	4.8611	5.1365	9.9345	10.513
Stddev	.0160	.0071	.0193	.0102	.0030	.0043	.023
%RSD	.34096	.14501	.39661	.20891	.05909	.04276	.21902

#1	4.7199	4.8708	4.8842	4.8683	5.1343	9.9315	10.497
#2	4.6972	4.8609	4.8569	4.8540	5.1386	9.9375	10.530

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25771	2.5251	26.614	.98636	2.4476	1.2591	4.5657
Stddev	.00096	.0077	.012	.00511	.0078	.0022	.0855
%RSD	.37288	.30608	.04344	.51761	.31898	.17642	1.8727

#1	.25838	2.5306	26.606	.98997	2.4531	1.2607	4.6262
#2	.25703	2.5196	26.622	.98275	2.4420	1.2576	4.5053

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6359	27.084	2.3911	1.1453	25.696	2.5635	2.4138
Stddev	.0115	.003	.0072	.0070	.033	.0158	.0508
%RSD	.43784	.01264	.30038	.61028	.12958	.61555	2.1024

#1	2.6441	27.087	2.3961	1.1502	25.673	2.5747	2.4497
#2	2.6277	27.082	2.3860	1.1403	25.720	2.5524	2.3779

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.117	5.0871	5.1238	F 4.3431	4.8258	4.5525	5.0017
Stddev	.059	.0070	.0236	.0057	.0147	.0111	.0132
%RSD	.24297	.13842	.46123	.13171	.30574	.24408	.26297

#1	24.076	5.0920	5.1405	4.3471	4.8363	4.5604	4.9924
#2	24.159	5.0821	5.1071	4.3390	4.8154	4.5447	5.0110

Sample Name: CCV12 Acquired: 12/14/2018 23:27:43 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14346 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0649	4.677	5.1243	F<.00000	F 2.4969
Stddev	.0118	.005	.0042	.01958	.6084
%RSD	.23316	.1029	.08149	.88644	24.368

#1	5.0565	4.681	5.1213	-2.1955	2.0667
#2	5.0732	4.674	5.1272	-2.2232	2.9271

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2595.7	58209.	4077.2	95.611	3349.6
Stddev	8.6	311.	16.2	2.165	16.2
%RSD	.33149	.53405	.39658	2.2643	.48420

#1	2589.6	57989.	4065.8	94.080	3338.1
#2	2601.8	58428.	4088.7	97.142	3361.1

Sample Name: CCB12 Acquired: 12/14/2018 23:31:29 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14346 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	-.00093	F .00528	-.00098	.00109	.00845	-.00188
Stddev	.00030	.00077	.00019	.00194	.00081	.00165	.00003
%RSD	21.507	83.009	3.6276	197.45	74.876	19.579	1.5386

#1	.00163	-.00038	.00514	-.00235	.00166	.00728	-.00186
#2	.00120	-.00147	.00541	.00039	.00051	.00962	-.00190

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00007	.01092	.00056	-.00004	.00008	.00242
Stddev	.00009	.00000	.01436	.00044	.00010	.00025	.00439
%RSD	184.43	5.7435	131.50	77.606	237.97	319.23	181.02

#1	.00001	.00007	.00077	.00087	.00003	.00026	.00553
#2	-.00011	.00007	.02107	.00025	-.00011	-.00010	-.00068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.01333	.00060	-.00042	-.06084	.00017	.00054
Stddev	.00002	.05092	.00040	.00023	.00325	.00026	.00004
%RSD	21.996	382.05	66.186	54.939	5.3455	155.63	6.8909

#1	.00009	.02268	.00032	-.00058	-.05854	.00036	.00051
#2	.00012	-.04933	.00088	-.00025	-.06314	-.00002	.00056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05154	.00057	-.00551	-.00130	-.00305	-.00004	.00165
Stddev	.01891	.00012	.00242	.00121	.00027	.00024	.00162
%RSD	36.699	21.612	43.865	93.023	8.8621	635.78	98.363

#1	.06491	.00049	-.00722	-.00216	-.00325	-.00021	.00050
#2	.03817	.00066	-.00380	-.00045	-.00286	.00013	.00280

Sample Name: CCB12 Acquired: 12/14/2018 23:31:29 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14346 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.0046	.00000	F<.00000	F<.00000
Stddev	.00030	.0005	.00003	.03882	.59760
%RSD	235.85	11.43	1383.6	.90102	155.05
#1	-.00008	.0043	.00003	-4.3364	-.80800
#2	.00034	.0050	-.00002	-4.2815	.03714
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2726.7	61174.	4128.8	100.99	3852.8
Stddev	8.4	69.	7.2	1.48	31.2
%RSD	.30944	.11277	.17547	1.4646	.81031
#1	2720.7	61223.	4123.7	102.03	3830.7
#2	2732.6	61125.	4133.9	99.942	3874.9

Sample Name: J6403-61DUP Acquired: 12/14/2018 23:35:36 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-BDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08725	-.02525	5.3056	.04204	.00493	146.34	1.2431
Stddev	.00048	.00119	.0001	.00212	.00010	.13	.0032
%RSD	.54840	4.7199	.00172	5.0521	1.9432	.09097	.25710

#1	.08759	-.02441	5.3057	.04354	.00500	146.43	1.2409
#2	.08691	-.02609	5.3055	.04054	.00486	146.24	1.2454

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00633	.00897	173.29	.19411	.19299	1.7257	344.86
Stddev	.00017	.00082	.28	.00133	.00092	.0048	7.46
%RSD	2.7454	9.1298	.15895	.68533	.47842	.27652	2.1629

#1	.00620	.00839	173.10	.19317	.19364	1.7223	350.14
#2	.00645	.00955	173.49	.19505	.19234	1.7291	339.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1125	115.19	.29200	.01080	5.1294	.64404	2.4968
Stddev	.0095	.82	.00026	.00087	.0207	.00267	.0495
%RSD	.18679	.70972	.08793	8.0389	.40437	.41511	1.9820

#1	5.1057	114.61	.29182	.01141	5.1148	.64215	2.5318
#2	5.1193	115.77	.29218	.01018	5.1441	.64593	2.4618

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.982	.00569	4.4418	3.4285	6.0172	.10456	4.3145
Stddev	.001	.00026	.0398	.0062	.0299	.00083	.0064
%RSD	.01069	4.5088	.89548	.17953	.49639	.79709	.14811

#1	12.981	.00587	4.4700	3.4329	5.9961	.10397	4.3100
#2	12.983	.00551	4.4137	3.4242	6.0384	.10515	4.3190

Sample Name: J6403-61DUP Acquired: 12/14/2018 23:35:36 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-BDUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18674	9.218	.33327	<.00000	F<.00000
Stddev	.00102	.000	.00893	.26796	1.1140
%RSD	.54557	.0035	2.6782	2.3252	.58556

#1	.18602	9.218	.32696	-11.335	-191.03
#2	.18746	9.217	.33958	-11.714	-189.45

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2982.2	67236.	5007.0	92.397	3074.4
Stddev	2.4	88.	24.3	1.790	6.9
%RSD	.08143	.13030	.48580	1.9369	.22294

#1	2983.9	67298.	5024.2	91.132	3079.3
#2	2980.5	67174.	4989.8	93.663	3069.6

Sample Name: J6403-61LX5 Acquired: 12/14/2018 23:39:40 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7798 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01918	-.00571	1.0090	.00544	.00053	32.623	.29485
Stddev	.00223	.00272	.0002	.00023	.00074	.003	.00096
%RSD	11.636	47.737	.01614	4.1592	138.97	.01061	.32659

#1	.01761	-.00378	1.0091	.00560	.00105	32.626	.29553
#2	.02076	-.00763	1.0089	.00528	.00001	32.621	.29417

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	.00098	47.750	.04807	.03847	.43435	68.954
Stddev	.00003	.00008	.078	.00030	.00016	.00027	.116
%RSD	2.2349	8.3553	.16392	.62861	.41503	.06145	.16847

#1	.00150	.00092	47.694	.04786	.03836	.43416	69.036
#2	.00145	.00104	47.805	.04828	.03858	.43454	68.871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2930	28.715	.05713	.00067	27.890	.15001	.51733
Stddev	.0012	.095	.00043	.00005	.087	.00049	.00175
%RSD	.08993	.32961	.75810	7.5653	.31289	.32949	.33791

#1	1.2922	28.782	.05744	.00071	27.952	.14966	.51857
#2	1.2939	28.648	.05682	.00064	27.829	.15036	.51610

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5242	.00106	1.0305	1.6126	1.7416	.02081	1.0061
Stddev	.0151	.00002	.0090	.0115	.0088	.00003	.0030
%RSD	.42845	1.8683	.87429	.71257	.50391	.13312	.29964

#1	3.5135	.00105	1.0369	1.6045	1.7478	.02083	1.0083
#2	3.5348	.00107	1.0242	1.6208	1.7354	.02079	1.0040

Sample Name: J6403-61LX5 Acquired: 12/14/2018 23:39:40 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7798 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04120	1.877	.11621	<.00000	F<.00000
Stddev	.00015	.001	.00001	.43244	1.4412
%RSD	.35401	.0506	.00880	8.7847	129.99

#1	.04130	1.877	.11622	-4.6169	-2.1278
#2	.04110	1.876	.11621	-5.2285	-.08966

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2736.5	61134.	4350.1	98.367	3443.7
Stddev	.7	205.	13.9	.349	2.5
%RSD	.02589	.33533	.31948	.35510	.07155

#1	2737.0	60989.	4340.2	98.120	3445.4
#2	2736.0	61279.	4359.9	98.614	3442.0

Sample Name: J6403-61MS Acquired: 12/14/2018 23:43:38 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-BMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72747	1.8874	9.9640	1.6182	.11257	155.14	1.5605
Stddev	.00232	.0003	.0147	.0128	.00093	.27	.0050
%RSD	.31945	.01412	.14748	.79270	.82543	.17529	.31901

#1	.72583	1.8876	9.9744	1.6272	.11191	154.95	1.5640
#2	.72911	1.8872	9.9536	1.6091	.11322	155.33	1.5570

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18492	.21179	181.28	.52580	.40938	3.9045	359.64
Stddev	.00078	.00011	.64	.00280	.00014	.0047	2.85
%RSD	.41998	.04968	.35553	.53325	.03530	.12038	.79293

#1	.18437	.21186	181.74	.52381	.40927	3.9012	361.65
#2	.18547	.21171	180.83	.52778	.40948	3.9078	357.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4109	119.88	.79777	.06991	7.9327	.86840	2.7455
Stddev	.0046	.25	.00172	.00118	.0278	.00419	.0136
%RSD	.08587	.20785	.21606	1.6810	.35052	.48195	.49340

#1	5.4077	120.06	.79898	.07074	7.9523	.86544	2.7551
#2	5.4142	119.71	.79655	.06908	7.9130	.87136	2.7359

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.544	.32677	5.6970	5.2129	6.0844	.73139	4.4352
Stddev	.068	.00043	.0263	.0034	.0293	.00235	.0030
%RSD	.29954	.13066	.46138	.06614	.48192	.32184	.06763

#1	22.592	.32647	5.7156	5.2153	6.1052	.72973	4.4373
#2	22.496	.32708	5.6784	5.2105	6.0637	.73306	4.4331

Sample Name: J6403-61MS Acquired: 12/14/2018 23:43:38 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8-BMS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.38528	F 15.05	.46174	<.00000	F<.00000
Stddev	.00211	.01	.00159	.18304	.95643
%RSD	.54818	.0335	.34525	1.5780	.47649

#1	.38678	15.05	.46286	-11.729	-201.40
#2	.38379	15.05	.46061	-11.470	-200.05

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2971.3	67577.	4947.6	90.165	3056.7
Stddev	.5	104.	2.5	.509	7.3
%RSD	.01842	.15430	.04998	.56417	.23865

#1	2971.0	67651.	4945.9	89.805	3051.6
#2	2971.7	67503.	4949.4	90.524	3061.9

Sample Name: J6403-61MSD Acquired: 12/14/2018 23:47:37 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-BMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72443	1.8788	9.9698	1.6207	.11068	156.02	1.5824
Stddev	.00189	.0078	.0001	.0020	.00135	.23	.0024
%RSD	.26023	.41367	.00100	.12600	1.2159	.14674	.14996

#1	.72576	1.8843	9.9697	1.6221	.11163	155.86	1.5841
#2	.72310	1.8733	9.9699	1.6192	.10973	156.18	1.5808

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18486	.21169	182.65	.52864	.40810	3.8965	353.10
Stddev	.00042	.00116	.16	.00165	.00028	.0069	10.15
%RSD	.22731	.54780	.08780	.31214	.06866	.17656	2.8730

#1	.18456	.21087	182.77	.52748	.40790	3.8916	360.27
#2	.18516	.21251	182.54	.52981	.40830	3.9013	345.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3936	121.94	.79656	.06939	8.0448	.86601	2.6969
Stddev	.0261	.09	.00035	.00186	.0081	.00429	.0930
%RSD	.48325	.07422	.04363	2.6867	.10025	.49567	3.4496

#1	5.4120	121.88	.79632	.07071	8.0505	.86904	2.7627
#2	5.3752	122.00	.79681	.06807	8.0391	.86297	2.6312

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.826	.32520	5.7109	5.1841	5.9956	.72428	4.4244
Stddev	.038	.00008	.0278	.0030	.0244	.00096	.0135
%RSD	.16570	.02390	.48647	.05794	.40699	.13305	.30574

#1	22.853	.32525	5.6912	5.1862	6.0129	.72360	4.4148
#2	22.799	.32514	5.7305	5.1820	5.9784	.72496	4.4339

Sample Name: J6403-61MSD Acquired: 12/14/2018 23:47:37 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-BMSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.38643	F 15.04	.47598	<.00000	F<.00000
Stddev	.00170	.00	.01068	.05063	2.6929
%RSD	.44120	.0243	2.2437	.44757	1.3313
#1	.38523	15.04	.46843	-11.347	-200.38
#2	.38764	15.04	.48354	-11.276	-204.18
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2984.4	67445.	4914.1	91.938	3063.4
Stddev	1.3	175.	21.6	3.099	3.7
%RSD	.04434	.25883	.43974	3.3704	.12015
#1	2985.4	67322.	4898.8	89.747	3066.0
#2	2983.5	67569.	4929.3	94.129	3060.8

Sample Name: J6403-61A Acquired: 12/14/2018 23:51:35 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-OILY-WA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72213	1.8844	9.9767	1.6252	.11303	156.97	1.5661
Stddev	.00103	.0016	.0270	.0011	.00109	.85	.0191
%RSD	.14250	.08672	.27070	.06823	.96037	.54164	1.2221

#1	.72140	1.8832	9.9958	1.6260	.11226	156.37	1.5797
#2	.72286	1.8855	9.9576	1.6245	.11380	157.57	1.5526

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18593	.21101	182.70	.53057	.40826	3.8974	357.56
Stddev	.00065	.00011	.58	.00078	.00097	.0022	1.12
%RSD	.35162	.05130	.31926	.14626	.23852	.05733	.31193

#1	.18546	.21093	183.12	.53002	.40894	3.8990	358.35
#2	.18639	.21109	182.29	.53112	.40757	3.8958	356.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3967	120.32	.79747	.07039	7.9709	.86421	2.7224
Stddev	.0024	1.16	.00212	.00046	.1023	.00281	.0276
%RSD	.04408	.96715	.26589	.65269	1.2835	.32507	1.0119

#1	5.3951	121.14	.79897	.07071	8.0433	.86223	2.7418
#2	5.3984	119.49	.79597	.07006	7.8986	.86620	2.7029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.611	.32497	5.6783	5.1959	5.8377	.72521	4.4203
Stddev	.320	.00027	.0283	.0090	.0911	.00455	.0164
%RSD	1.4146	.08219	.49883	.17323	1.5606	.62790	.37031

#1	22.837	.32478	5.6984	5.2023	5.9022	.72843	4.4319
#2	22.385	.32516	5.6583	5.1896	5.7733	.72199	4.4087

Sample Name: J6403-61A Acquired: 12/14/2018 23:51:35 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-OILY-WA Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.38450	F 15.05	.46886	<.00000	F<.00000
Stddev	.00031	.05	.00191	.15016	1.1095
%RSD	.08008	.3411	.40827	1.3653	.54306

#1	.38472	15.08	.47022	-11.105	-205.09
#2	.38428	15.01	.46751	-10.892	-203.52

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2983.5	67132.	4940.6	90.933	3061.8
Stddev	4.4	15.	57.8	.886	9.1
%RSD	.14740	.02213	1.1695	.97454	.29743

#1	2980.4	67122.	4899.7	90.307	3055.3
#2	2986.6	67143.	4981.4	91.560	3068.2

Sample Name: J6305-01 Acquired: 12/14/2018 23:55:34 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW001-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03142	-.03144	5.9373	.03430	.12323	176.73	3.9671
Stddev	.00408	.00219	.0297	.00154	.00224	1.09	.0429
%RSD	12.996	6.9650	.50009	4.4793	1.8140	.61688	1.0804

#1	.03431	-.02989	5.9583	.03538	.12481	177.50	3.9974
#2	.02853	-.03299	5.9164	.03321	.12165	175.96	3.9368

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00266	.06101	1107.2	.29055	.17940	3.1921	301.73
Stddev	.00000	.00003	6.2	.00262	.00001	.0038	3.09
%RSD	.14923	.05346	.56293	.90137	.00796	.11863	1.0240

#1	.00265	.06099	1111.6	.29240	.17941	3.1895	303.92
#2	.00266	.06104	1102.8	.28870	.17939	3.1948	299.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4515	124.67	.50349	.01990	176.49	.60334	32.875
Stddev	.0025	.82	.00078	.00004	1.51	.00037	.442
%RSD	.03316	.65519	.15449	.18041	.85727	.06210	1.3458

#1	7.4532	125.25	.50404	.01993	177.56	.60307	33.188
#2	7.4497	124.10	.50294	.01988	175.42	.60360	32.562

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.366	.20743	3.8014	F 205.42	F 73.952	.17632	6.2747
Stddev	.229	.00026	.0053	.44	.437	.00171	.0215
%RSD	1.2476	.12396	.13970	.21472	.59078	.97151	.34226

#1	18.528	.20725	3.7976	205.73	74.261	.17753	6.2899
#2	18.204	.20762	3.8052	205.11	73.643	.17511	6.2595

Sample Name: J6305-01 Acquired: 12/14/2018 23:55:34 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P001-SW001-0 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16255	6.136	2.6947	<.00000	F<.00000
Stddev	.00067	.026	.0237	.64042	3.2221
%RSD	.41433	.4240	.88022	18.073	2.9247

#1	.16303	6.154	2.7114	-3.0908	-112.45
#2	.16208	6.117	2.6779	-3.9964	-107.89

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2402.2	54161.	4278.4	81.864	2650.2
Stddev	6.5	410.	41.7	1.324	13.4
%RSD	.26903	.75686	.97515	1.6176	.50488

#1	2397.6	53871.	4248.9	80.928	2640.7
#2	2406.8	54450.	4307.9	82.801	2659.7

Sample Name: J6305-02 Acquired: 12/14/2018 23:59:43 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW002-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01250	-.00567	.22979	.00578	.07800	2.8295	1.3458	.00006
Stddev	.00171	.00221	.00047	.00461	.00215	.0096	.0031	.00003
%RSD	13.725	38.875	.20347	79.740	2.7597	.33822	.22646	44.503

#1	.01371	-.00723	.23012	.00252	.07647	2.8362	1.3436	.00008
#2	.01128	-.00411	.22946	.00903	.07952	2.8227	1.3479	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00381	588.71	.01725	.00949	.51945	13.726	2.2272	72.930
Stddev	.00000	4.96	.00036	.00031	.00004	.365	.0026	.570
%RSD	.04229	.84282	2.0768	3.2809	.00739	2.6587	.11790	.78200

#1	.00381	585.20	.01750	.00971	.51943	13.984	2.2253	72.527
#2	.00381	592.22	.01699	.00927	.51948	13.468	2.2290	73.333

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06776	-.00049	239.54	.04134	2.9857	27.853	.27896	8.0494
Stddev	.00020	.00028	1.43	.00006	.0743	.129	.00016	.0625
%RSD	.29197	57.170	.59510	.14099	2.4892	.46243	.05557	.77705

#1	.06790	-.00029	238.53	.04138	3.0383	27.762	.27885	8.0052
#2	.06762	-.00069	240.54	.04130	2.9332	27.944	.27907	8.0936

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 123.18	F 28.257	-.03199	.15902	.13126	1.031	2.8462	.38669
Stddev	.47	.225	.00001	.00047	.00159	.005	.0168	.12511
%RSD	.38513	.79747	.03602	.29705	1.2101	.4452	.58858	32.356

#1	123.51	28.097	-.03200	.15868	.13014	1.028	2.8344	.29822
#2	122.84	28.416	-.03198	.15935	.13238	1.034	2.8581	.47516

Sample Name: J6305-02 Acquired: 12/14/2018 23:59:43 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW002-0 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.9474
Stddev	.9485
%RSD	9.5354

#1	10.618
#2	9.2766

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2326.0	51831.	3953.0	90.778	2972.2
Stddev	8.9	93.	16.3	2.582	17.2
%RSD	.38434	.18036	.41135	2.8448	.57724

#1	2319.7	51765.	3964.5	88.952	2960.1
#2	2332.3	51897.	3941.5	92.604	2984.4

Sample Name: J6305-03 Acquired: 12/15/2018 0:03:47 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW003-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00832	-.00705	.06060	.00306	.11674	13.501	1.1600	.00032
Stddev	.00143	.00049	.00071	.00147	.00052	.091	.0015	.00003
%RSD	17.249	6.9035	1.1791	48.188	.44633	.67745	.12812	7.7855
#1	.00933	-.00740	.06010	.00202	.11710	13.436	1.1590	.00031
#2	.00730	-.00671	.06111	.00410	.11637	13.565	1.1611	.00034
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	459.17	.02183	.00988	.13424	20.784	.91727	36.374
Stddev	.00000	2.04	.00018	.00030	.00006	.190	.00079	.205
%RSD	.34992	.44473	.83603	2.9850	.04252	.91615	.08595	.56441
#1	.00074	457.72	.02170	.00968	.13420	20.650	.91672	36.519
#2	.00075	460.61	.02196	.01009	.13428	20.919	.91783	36.229
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02693	-.00067	160.47	.07005	1.8904	22.744	.47328	3.3708
Stddev	.00076	.00023	.05	.00096	.0104	.026	.00135	.0075
%RSD	2.8130	33.726	.02945	1.3645	.54932	.11460	.28627	.22299
#1	.02746	-.00083	160.50	.06937	1.8831	22.763	.47423	3.3655
#2	.02639	-.00051	160.44	.07073	1.8978	22.726	.47232	3.3761
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 75.362	F 28.286	-.02134	.40509	.07610	.7019	2.0858	<.00000
Stddev	.112	.039	.00056	.00387	.00048	.0032	.0115	.13367
%RSD	.14821	.13692	2.6019	.95565	.62680	.4616	.55182	17.354
#1	75.441	28.313	-.02095	.40236	.07577	.7042	2.0777	-.67572
#2	75.283	28.259	-.02173	.40783	.07644	.6996	2.0940	-.86476

Sample Name: J6305-03 Acquired: 12/15/2018 0:03:47 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW003-0 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.3543
Stddev	.1054
%RSD	1.1263

#1	9.4288
#2	9.2798

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2398.0	53674.	4023.8	90.493	3059.4
Stddev	9.3	124.	24.2	.246	10.9
%RSD	.38909	.23031	.60086	.27147	.35633

#1	2391.4	53587.	4006.7	90.667	3051.7
#2	2404.6	53761.	4040.9	90.319	3067.1

Sample Name: J6305-04 Acquired: 12/15/2018 0:07:45 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW004-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06445	-.01076	.02842	.00334	.03835	6.0075	.51761	.00017
Stddev	.00616	.00141	.00011	.00229	.00480	.0146	.00264	.00000
%RSD	9.5564	13.101	.39158	68.721	12.507	.24272	.51071	2.4182

#1	.06880	-.01176	.02834	.00496	.04174	6.0178	.51947	.00016
#2	.06009	-.00976	.02850	.00171	.03496	5.9972	.51574	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00173	F 1858.8	.02796	.00722	.04552	12.774	4.5970	135.13
Stddev	.00011	14.0	.00026	.00025	.00007	.330	.0023	1.80
%RSD	6.5291	.75087	.94634	3.4463	.15708	2.5825	.04907	1.3320

#1	.00181	1848.9	.02777	.00704	.04557	12.541	4.5954	133.85
#2	.00165	1868.6	.02815	.00739	.04547	13.008	4.5986	136.40

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02904	-.00090	396.64	.06702	.29020	56.508	.10511	9.5937
Stddev	.00033	.00010	6.79	.00023	.00496	.411	.00124	.0503
%RSD	1.1390	10.591	1.7109	.35032	1.7097	.72740	1.1812	.52437

#1	.02927	-.00097	391.84	.06686	.28669	56.218	.10423	9.5581
#2	.02880	-.00083	401.43	.06719	.29371	56.799	.10599	9.6292

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 822.62	F 41.764	-.30721	.10718	.06130	.9553	6.7191	3.1996
Stddev	14.39	.103	.00503	.00063	.00156	.0141	.0939	.0244
%RSD	1.7492	.24775	1.6384	.58516	2.5457	1.478	1.3967	.76211

#1	812.44	41.691	-.30365	.10674	.06019	.9453	6.6527	3.2168
#2	832.79	41.837	-.31077	.10763	.06240	.9653	6.7854	3.1823

Sample Name: J6305-04 Acquired: 12/15/2018 0:07:45 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW004-0 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	19.866
Stddev	.604
%RSD	3.0414

#1	19.438
#2	20.293

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.5	47065.	3796.6	84.418	2574.1
Stddev	25.4	90.	4.2	1.087	36.3
%RSD	1.2148	.19133	.11101	1.2878	1.4086

#1	2106.4	47129.	3799.5	85.186	2599.8
#2	2070.5	47002.	3793.6	83.649	2548.5

Sample Name: J6305-04DUP Acquired: 12/15/2018 0:12:03 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW004-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06389	-.01053	.02587	.00132	.03581	5.9021	.51722	.00003
Stddev	.00405	.00107	.00049	.00042	.00078	.1793	.00777	.00009
%RSD	6.3434	10.176	1.9074	31.771	2.1768	3.0380	1.5029	317.84

#1	.06103	-.01129	.02552	.00102	.03636	5.7754	.52271	-.00004
#2	.06676	-.00978	.02622	.00162	.03525	6.0289	.51172	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	F 1836.5	.02470	.00710	.04450	12.768	4.4169	133.57
Stddev	.00005	20.1	.00122	.00029	.00042	.149	.0590	2.11
%RSD	2.8887	1.0953	4.9540	4.1524	.95151	1.1669	1.3348	1.5805

#1	.00179	1850.7	.02384	.00731	.04480	12.663	4.3752	135.06
#2	.00172	1822.3	.02557	.00689	.04420	12.873	4.4585	132.08

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02747	-.00097	396.60	.06433	.28354	56.297	.10417	9.5497
Stddev	.00064	.00012	4.84	.00207	.00271	.227	.00027	.1472
%RSD	2.3248	12.718	1.2210	3.2221	.95708	.40267	.26300	1.5416

#1	.02702	-.00105	400.02	.06286	.28162	56.457	.10436	9.6538
#2	.02792	-.00088	393.18	.06579	.28546	56.137	.10397	9.4456

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 814.69	F 40.866	-.30387	.10717	.06146	.9502	6.6614	2.3111
Stddev	1.73	.480	.00034	.00021	.00106	.0001	.0008	.0953
%RSD	.21220	1.1749	.11314	.19361	1.7312	.0068	.01177	4.1216

#1	815.91	41.206	-.30363	.10702	.06071	.9501	6.6620	2.2437
#2	813.46	40.527	-.30411	.10731	.06222	.9502	6.6609	2.3784

Sample Name: J6305-04DUP Acquired: 12/15/2018 0:12:03 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW004-0 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	18.829
Stddev	.881
%RSD	4.6771

#1	18.206
#2	19.452

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2131.5	49268.	3930.8	87.035	2629.3
Stddev	12.9	522.	42.5	.253	12.5
%RSD	.60609	1.0602	1.0810	.29031	.47528

#1	2122.3	49638.	3900.7	87.214	2620.5
#2	2140.6	48899.	3960.8	86.857	2638.2

Sample Name: CCV13 Acquired: 12/15/2018 0:16:21 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14348 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7949	4.9847	4.9736	4.9818	5.2992	10.328	10.799
Stddev	.0097	.0031	.0054	.0043	.0059	.138	.047
%RSD	.20118	.06155	.10783	.08604	.11031	1.3329	.43528

#1	4.8017	4.9869	4.9699	4.9849	5.3033	10.231	10.765
#2	4.7881	4.9826	4.9774	4.9788	5.2950	10.426	10.832

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26608	2.5965	F 27.505	1.0202	2.5117	1.2887	4.7442
Stddev	.00017	.0021	.122	.0100	.0006	.0008	.1612
%RSD	.06340	.08169	.44326	.97755	.02324	.05970	3.3975

#1	.26596	2.5950	27.419	1.0131	2.5121	1.2893	4.8581
#2	.26620	2.5980	27.592	1.0272	2.5113	1.2882	4.6302

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7270	27.442	2.4508	1.1726	26.395	2.6566	2.5400
Stddev	.0054	.352	.0025	.0070	.157	.0109	.1002
%RSD	.19710	1.2825	.10191	.59861	.59382	.41069	3.9466

#1	2.7232	27.194	2.4491	1.1676	26.284	2.6489	2.6109
#2	2.7308	27.691	2.4526	1.1776	26.505	2.6643	2.4691

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.593	5.2222	5.2346	4.6346	5.0815	4.6422	5.1346
Stddev	.112	.0071	.0153	.0216	.0052	.0075	.0071
%RSD	.45565	.13604	.29246	.46532	.10286	.16136	.13757

#1	24.513	5.2272	5.2238	4.6498	5.0778	4.6369	5.1296
#2	24.672	5.2172	5.2454	4.6193	5.0852	4.6475	5.1396

Sample Name: CCV13 Acquired: 12/15/2018 0:16:21 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14348 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.2177	4.793	5.3034	F<.00000	F 2.4114
Stddev	.0165	.011	.0184	.04162	.4723
%RSD	.31672	.2235	.34687	1.8537	19.588
#1	5.2060	4.785	5.2904	-2.2749	2.0774
#2	5.2294	4.800	5.3164	-2.2160	2.7454
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2595.0	57762.	4085.3	93.200	3341.2
Stddev	7.1	59.	.5	3.780	4.3
%RSD	.27410	.10299	.01291	4.0556	.13003
#1	2590.0	57804.	4085.0	90.527	3338.1
#2	2600.1	57720.	4085.7	95.872	3344.3

Sample Name: CCB13 Acquired: 12/15/2018 0:20:08 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14348 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	.00029	.00276	-.00000	-.00070	.00844	-.00217
Stddev	.00171	.00048	.00003	.00042	.00155	.00534	.00055
%RSD	217.41	165.07	1.0214	12335.	219.59	63.273	25.440

#1	.00042	-.00005	.00274	.00030	-.00180	.01222	-.00178
#2	-.00199	.00063	.00278	-.00030	.00039	.00466	-.00257

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00007	.02030	.00080	.00002	-.00031	.00129
Stddev	.00001	.00002	.01348	.00046	.00022	.00021	.00155
%RSD	11.100	34.135	66.423	56.773	1381.1	67.266	120.00

#1	-.00007	.00005	.01076	.00113	.00017	-.00016	.00238
#2	-.00006	.00008	.02983	.00048	-.00014	-.00046	.00020

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.02026	.00098	-.00056	.03138	-.00046	.00087
Stddev	.00004	.01292	.00017	.00025	.00175	.00008	.00001
%RSD	806.71	63.762	17.647	44.197	5.5803	16.395	1.2526

#1	-.00002	.01112	.00111	-.00039	.03015	-.00041	.00087
#2	.00003	.02939	.00086	-.00074	.03262	-.00051	.00086

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09656	.00041	-.00049	F .09414	.01433	-.00138	-.00017
Stddev	.03808	.00006	.00735	.00434	.00007	.00026	.00001
%RSD	39.440	14.438	1491.5	4.6111	.45906	18.766	7.5248

#1	.06963	.00045	-.00569	.09721	.01428	-.00156	-.00018
#2	.12349	.00037	.00470	.09108	.01438	-.00120	-.00016

Sample Name: CCB13 Acquired: 12/15/2018 0:20:08 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14348 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00143	F .0052	.00006	F<.00000	<.00000
Stddev	.00043	.0013	.00002	.31119	.36336
%RSD	30.361	24.29	28.198	5.5973	14365.

#1	.00173	.0043	.00008	-5.7797	.25440
#2	.00112	.0061	.00005	-5.3396	-.25946

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2769.9	62265.	4214.4	101.63	3874.8
Stddev	5.5	118.	63.0	1.31	8.9
%RSD	.19945	.18970	1.4959	1.2872	.22923

#1	2766.0	62348.	4169.9	100.70	3868.5
#2	2773.8	62181.	4259.0	102.55	3881.1

Sample Name: J6305-04LX5 Acquired: 12/15/2018 0:24:14 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01051	-.00313	.00927	.00067	.00392	1.4876	.14494	-.00003
Stddev	.00052	.00039	.00003	.00250	.00038	.0094	.00136	.00006
%RSD	4.9572	12.501	.28837	375.82	9.7485	.63096	.94064	192.58
#1	.01015	-.00285	.00925	.00243	.00419	1.4809	.14398	.00001
#2	.01088	-.00340	.00929	-.00110	.00365	1.4942	.14590	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	412.68	.00535	.00137	.03521	2.7404	1.1022	33.767
Stddev	.00004	2.69	.00065	.00018	.00018	.0779	.0005	.383
%RSD	19.831	.65229	12.134	13.109	.51709	2.8427	.04727	1.1355
#1	.00023	410.78	.00489	.00150	.03534	2.7955	1.1018	33.496
#2	.00017	414.58	.00581	.00124	.03508	2.6853	1.1025	34.038
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00547	-.00065	189.98	.01371	.07449	13.233	.02041	1.9734
Stddev	.00047	.00018	.03	.00028	.00152	.127	.00046	.0009
%RSD	8.5159	27.529	.01352	2.0519	2.0464	.96148	2.2548	.04524
#1	.00514	-.00078	189.97	.01351	.07557	13.143	.02074	1.9728
#2	.00580	-.00053	190.00	.01391	.07342	13.323	.02009	1.9741
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 171.51	9.5042	-.06441	.02253	.01182	.4060	1.4730	<.00000
Stddev	2.25	.0477	.00032	.00261	.00050	.0047	.0089	.11015
%RSD	1.3108	.50183	.49087	11.597	4.2341	1.166	.60472	9.3963
#1	173.10	9.4705	-.06463	.02068	.01217	.4094	1.4667	-1.2502
#2	169.92	9.5380	-.06418	.02437	.01147	.4027	1.4793	-1.0944

Sample Name: J6305-04LX5 Acquired: 12/15/2018 0:24:14 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-3A Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.9590
Stddev	.3563
%RSD	5.9791

#1	6.2110
#2	5.7071

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2488.9	54852.	4115.5	95.490	3186.6
Stddev	27.7	90.	20.6	2.270	39.5
%RSD	1.1137	.16368	.49989	2.3768	1.2385

#1	2469.3	54916.	4130.0	93.885	3158.7
#2	2508.5	54789.	4100.9	97.095	3214.5

Sample Name: J6305-05 Acquired: 12/15/2018 0:28:22 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6305-04MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82053	1.5885	.84808	2.0452	.83857	9.8192	.66273	.19262
Stddev	.00965	.0170	.01834	.0262	.01247	.2074	.00636	.00229
%RSD	1.1756	1.0689	2.1624	1.2832	1.4868	2.1120	.95931	1.1877
#1	.81371	1.5765	.83512	2.0267	.82975	9.6725	.66722	.19100
#2	.82735	1.6005	.86105	2.0638	.84739	9.9658	.65823	.19423
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17789	1696.8	.35422	.18586	.31173	14.576	4.2740	125.56
Stddev	.00314	.0	.00400	.00344	.00401	.119	.0517	1.05
%RSD	1.7633	.00238	1.1280	1.8492	1.2874	.81635	1.2103	.83546
#1	.17567	1696.8	.35140	.18343	.30889	14.660	4.2374	126.30
#2	.18011	1696.7	.35705	.18829	.31457	14.491	4.3106	124.82
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44786	.06285	372.37	.33429	.42971	61.400	.45996	9.1624
Stddev	.00782	.00022	5.24	.00401	.00739	.584	.00599	.0569
%RSD	1.7464	.34979	1.4064	1.1997	1.7195	.95083	1.3025	.62107
#1	.44233	.06301	376.07	.33145	.43494	61.813	.45573	9.2027
#2	.45339	.06270	368.66	.33713	.42449	60.988	.46420	9.1222
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 783.90	F 39.953	.25119	.27464	.26027	6.504	6.3825	1.8493
Stddev	11.30	.673	.00472	.00130	.00157	.113	.0690	.2919
%RSD	1.4410	1.6852	1.8788	.47410	.60341	1.731	1.0806	15.782
#1	775.91	40.429	.24785	.27372	.25916	6.424	6.4312	2.0557
#2	791.89	39.477	.25452	.27556	.26138	6.583	6.3337	1.6429

Sample Name: J6305-05 Acquired: 12/15/2018 0:28:22 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6305-04MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	16.402
Stddev	.522
%RSD	3.1850

#1	16.032
#2	16.771

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2111.9	50357.	4075.9	91.211	2615.8
Stddev	4.3	256.	83.7	2.069	14.8
%RSD	.20519	.50831	2.0530	2.2688	.56487

#1	2114.9	50538.	4016.7	89.747	2626.3
#2	2108.8	50176.	4135.0	92.674	2605.4

Sample Name: J6305-06 Acquired: 12/15/2018 0:32:29 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6305-04MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78623	1.5423	.81771	1.9664	.80844	10.029	.67971	.19959
Stddev	.01597	.0258	.01454	.0325	.01826	.208	.02035	.00409
%RSD	2.0312	1.6741	1.7779	1.6528	2.2587	2.0727	2.9932	2.0514
#1	.79752	1.5606	.82799	1.9894	.82135	10.176	.66532	.20249
#2	.77494	1.5241	.80743	1.9434	.79552	9.8822	.69410	.19670
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17159	1745.5	.36753	.17928	.29917	14.901	4.4375	129.50
Stddev	.00334	55.2	.01024	.00329	.00553	.290	.1005	4.50
%RSD	1.9464	3.1608	2.7870	1.8379	1.8492	1.9453	2.2653	3.4751
#1	.17395	1706.5	.37478	.18161	.30308	14.696	4.5086	126.31
#2	.16923	1784.5	.36029	.17695	.29525	15.106	4.3664	132.68
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43198	.06451	376.76	.34668	.43907	63.106	.44428	9.3688
Stddev	.00782	.00199	5.18	.00807	.00083	1.988	.00748	.3064
%RSD	1.8108	3.0783	1.3758	2.3285	.18956	3.1504	1.6841	3.2705
#1	.43751	.06591	373.10	.35239	.43849	61.700	.44958	9.1521
#2	.42645	.06310	380.43	.34097	.43966	64.512	.43899	9.5855
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 755.98	F 41.684	.24466	.27897	.26981	6.249	6.4771	2.7267
Stddev	16.03	.882	.00365	.01055	.00789	.131	.1063	.8762
%RSD	2.1205	2.1150	1.4907	3.7835	2.9237	2.088	1.6404	32.133
#1	767.31	41.061	.24724	.27150	.26423	6.341	6.4020	3.3462
#2	744.64	42.308	.24208	.28643	.27538	6.157	6.5522	2.1071

Sample Name: J6305-06 Acquired: 12/15/2018 0:32:29 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6305-04MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	17.435
Stddev	.236
%RSD	1.3549

#1	17.602
#2	17.268

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2170.1	48696.	3896.0	88.156	2690.7
Stddev	31.8	1502.	68.7	.429	43.4
%RSD	1.4643	3.0842	1.7644	.48649	1.6114

#1	2147.7	47634.	3944.6	88.460	2660.0
#2	2192.6	49758.	3847.4	87.853	2721.4

Sample Name: J6305-04A Acquired: 12/15/2018 0:36:36 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-3B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76635	1.5019	.79720	1.9242	.78849	9.4110	.65748	.19109
Stddev	.01121	.0191	.00680	.0267	.01493	.1926	.00281	.00074
%RSD	1.4624	1.2705	.85336	1.3871	1.8939	2.0470	.42684	.38679
#1	.77428	1.5154	.80201	1.9431	.79905	9.2748	.65550	.19056
#2	.75843	1.4884	.79239	1.9053	.77794	9.5472	.65947	.19161
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16681	1704.8	.35162	.17479	.29223	14.282	4.2492	124.25
Stddev	.00225	10.6	.00096	.00293	.00355	.135	.0158	.23
%RSD	1.3481	.62299	.27176	1.6791	1.2131	.94702	.37237	.18636
#1	.16840	1697.3	.35094	.17686	.29474	14.187	4.2380	124.08
#2	.16522	1712.3	.35229	.17271	.28973	14.378	4.2604	124.41
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41961	.06160	368.03	.33425	.43061	60.993	.43395	9.0522
Stddev	.00495	.00037	1.52	.00347	.00163	.119	.00616	.0504
%RSD	1.1804	.60429	.41216	1.0373	.37755	.19485	1.4199	.55652
#1	.42311	.06133	369.11	.33180	.43176	60.909	.43831	9.0166
#2	.41611	.06186	366.96	.33670	.42946	61.077	.42959	9.0879
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 735.14	F 40.647	.23524	.27300	.25940	6.084	6.3698	1.5443
Stddev	9.57	.429	.00387	.00261	.00343	.090	.0215	.0749
%RSD	1.3018	1.0545	1.6449	.95549	1.3229	1.486	.33716	4.8508
#1	741.91	40.950	.23798	.27116	.25697	6.148	6.3850	1.4913
#2	728.37	40.344	.23250	.27485	.26183	6.020	6.3546	1.5972

Sample Name: J6305-04A Acquired: 12/15/2018 0:36:36 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-3B Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	16.589
Stddev	.224
%RSD	1.3502

#1	16.430
#2	16.747

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2240.2	51037.	4019.7	90.470	2778.9
Stddev	36.8	108.	66.5	.599	47.3
%RSD	1.6434	.21070	1.6541	.66236	1.7018

#1	2214.2	51113.	3972.7	90.047	2745.5
#2	2266.3	50961.	4066.7	90.894	2812.4

Sample Name: J6305-07 Acquired: 12/15/2018 0:40:43 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW004-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06339	-.00974	.03253	.00232	.03759	11.388	.53390	.00015
Stddev	.00198	.00004	.00024	.00142	.00051	.163	.00065	.00002
%RSD	3.1195	.39174	.74183	61.015	1.3476	1.4290	.12172	16.203

#1	.06479	-.00971	.03236	.00132	.03795	11.503	.53436	.00017
#2	.06199	-.00976	.03270	.00332	.03724	11.273	.53344	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00616	F 1800.1	.02591	.00974	.07031	19.435	4.5823	130.91
Stddev	.00018	35.7	.00002	.00018	.00095	.526	.0172	.06
%RSD	2.9525	1.9816	.06245	1.8218	1.3555	2.7049	.37479	.04233

#1	.00629	1774.9	.02592	.00987	.07098	19.063	4.5945	130.87
#2	.00603	1825.3	.02590	.00962	.06963	19.806	4.5702	130.95

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02600	-.00097	378.67	.08690	.38502	54.537	.09700	9.2585
Stddev	.00027	.00031	7.06	.00071	.01197	.151	.00259	.0066
%RSD	1.0356	32.224	1.8646	.81629	3.1084	.27767	2.6705	.07169

#1	.02619	-.00075	373.68	.08640	.37656	54.430	.09883	9.2539
#2	.02581	-.00119	383.67	.08740	.39348	54.644	.09516	9.2632

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 771.60	F 45.098	-.28736	.27246	.06433	1.036	6.5118	1.4364
Stddev	14.05	.334	.00374	.00238	.00250	.022	.1969	.2303
%RSD	1.8212	.74002	1.3001	.87415	3.8926	2.130	3.0239	16.031

#1	781.54	44.862	-.29001	.27414	.06256	1.052	6.3726	1.5992
#2	761.66	45.334	-.28472	.27077	.06610	1.020	6.6510	1.2736

Sample Name: J6305-07 Acquired: 12/15/2018 0:40:43 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW004-0 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	20.526
Stddev	.582
%RSD	2.8378

#1	20.114
#2	20.938

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2238.4	50869.	4038.8	89.109	2759.8
Stddev	48.6	174.	17.8	2.473	64.4
%RSD	2.1702	.34271	.44116	2.7747	2.3326

#1	2204.0	50746.	4051.4	90.858	2714.2
#2	2272.7	50992.	4026.2	87.361	2805.3

Sample Name: J6305-08 Acquired: 12/15/2018 0:45:01 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW005-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00936	-.00734	.01368	.00395	.02886	.11225	1.6188	-.00018
Stddev	.00017	.00005	.00055	.00057	.00045	.02316	.0283	.00007
%RSD	1.8663	.74612	3.9842	14.442	1.5761	20.631	1.7463	40.688
#1	.00924	-.00738	.01407	.00436	.02854	.12863	1.6388	-.00023
#2	.00948	-.00730	.01330	.00355	.02918	.09588	1.5988	-.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	539.44	-.00124	.00508	.01597	.87146	7.7391	31.365
Stddev	.00015	5.54	.00007	.00028	.00061	.02378	.0527	.369
%RSD	54.028	1.0279	5.2586	5.5954	3.8329	2.7285	.68057	1.1772
#1	.00037	543.36	-.00119	.00529	.01641	.88828	7.7763	31.626
#2	.00017	535.52	-.00129	.00488	.01554	.85465	7.7019	31.104
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01220	-.00053	252.82	.01776	.09077	36.343	.16593	4.6846
Stddev	.00064	.00025	4.55	.00063	.00240	.535	.00127	.0550
%RSD	5.2148	48.095	1.8005	3.5274	2.6447	1.4712	.76311	1.1747
#1	.01265	-.00071	256.03	.01732	.09246	36.721	.16683	4.7235
#2	.01175	-.00035	249.60	.01820	.08907	35.965	.16504	4.6457
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 106.07	F 23.102	-.03922	-.00361	.09616	.5061	3.2036	<.00000
Stddev	.14	.386	.00053	.00082	.00125	.0040	.0393	.50104
%RSD	.13032	1.6725	1.3538	22.813	1.2999	.7937	1.2254	58.160
#1	106.16	23.375	-.03960	-.00303	.09528	.5090	3.2313	-.50720
#2	105.97	22.829	-.03885	-.00420	.09704	.5033	3.1758	-1.2158

Sample Name: J6305-08 Acquired: 12/15/2018 0:45:01 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-SW005-0 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.0670
Stddev	.4363
%RSD	7.1913

#1	5.7585
#2	6.3755

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2392.0	53419.	4048.0	91.452	3089.5
Stddev	17.1	475.	76.7	2.484	19.3
%RSD	.71355	.88921	1.8941	2.7160	.62405

#1	2379.9	53083.	3993.8	89.696	3075.9
#2	2404.1	53755.	4102.2	93.208	3103.2

Sample Name: J6335-02 Acquired: 12/15/2018 0:49:14 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00226	-.00279	-.00062	.00079	.00018	.79998	.00712	.00005
Stddev	.00353	.00044	.00029	.00033	.00079	.01529	.00041	.00002
%RSD	156.31	15.643	47.173	41.747	426.75	1.9113	5.7137	33.481

#1	.00475	-.00310	-.00083	.00102	-.00037	.81079	.00683	.00004
#2	-.00024	-.00248	-.00041	.00056	.00074	.78917	.00740	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	2.6010	.01196	.00058	.00773	3.5166	.02749	.53361
Stddev	.00000	.0172	.00058	.00006	.00016	.0588	.00007	.02249
%RSD	2.4446	.65995	4.8123	10.112	2.0108	1.6730	.26620	4.2146

#1	-.00010	2.5888	.01237	.00062	.00784	3.5582	.02754	.54952
#2	-.00010	2.6131	.01156	.00054	.00762	3.4750	.02743	.51771

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00512	-.00052	30.591	.00358	.01300	.80037	.00111	.02958
Stddev	.00009	.00048	.327	.00022	.00047	.00405	.00008	.00840
%RSD	1.6649	91.122	1.0692	6.2093	3.5862	.50540	7.5796	28.413

#1	.00506	-.00086	30.822	.00342	.01333	.80323	.00117	.03552
#2	.00518	-.00019	30.360	.00374	.01267	.79751	.00105	.02363

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1408	3.4019	-.00280	.01519	.00008	.0576	.03141	<.00000
Stddev	.0140	.0247	.00013	.00034	.00018	.0007	.00007	.10839
%RSD	.33840	.72590	4.7538	2.2340	228.22	1.298	.21924	2.3337

#1	4.1507	3.4193	-.00271	.01495	.00021	.0581	.03146	-4.7211
#2	4.1308	3.3844	-.00290	.01543	-.00005	.0571	.03137	-4.5679

Sample Name: J6335-02 Acquired: 12/15/2018 0:49:14 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .69036
 Stddev .91764
 %RSD 132.92

#1 .04149
 #2 1.3392

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2694.5	60409.	4207.8	100.36	3777.5
Stddev	19.3	52.	44.0	2.96	28.6
%RSD	.71679	.08679	1.0455	2.9520	.75632

#1	2680.9	60372.	4176.7	98.266	3757.3
#2	2708.2	60446.	4238.9	102.46	3797.7

Sample Name: J6335-04 Acquired: 12/15/2018 0:53:18 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	-.00250	-.00119	-.00216	.00111	.06560	-.00103	-.00007
Stddev	.00136	.00088	.00014	.00115	.00077	.00945	.00049	.00002
%RSD	529.66	35.218	11.352	53.290	69.624	14.405	47.864	31.906

#1	-.00121	-.00312	-.00110	-.00298	.00056	.05892	-.00138	-.00005
#2	.00070	-.00188	-.00129	-.00135	.00165	.07229	-.00068	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	4.5373	.00665	-.00011	.00159	.09337	.00319	.54626
Stddev	.00007	.0062	.00000	.00018	.00022	.00986	.00002	.03631
%RSD	154.58	.13550	.01267	170.97	14.067	10.563	.48051	6.6463

#1	-.00000	4.5330	.00665	.00002	.00175	.08640	.00320	.52059
#2	.00010	4.5417	.00665	-.00024	.00143	.10035	.00318	.57193

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	-.00049	29.582	.00064	.01461	.68953	.00041	.01542
Stddev	.00005	.00005	.251	.00031	.00025	.00452	.00027	.00645
%RSD	3.6143	11.088	.84963	47.960	1.6796	.65536	67.508	41.840

#1	.00147	-.00052	29.404	.00042	.01444	.68633	.00021	.01998
#2	.00154	-.00045	29.759	.00085	.01478	.69272	.00060	.01086

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2535	2.5781	-.00254	-.00025	.00047	.0106	.04395	<.00000
Stddev	.0253	.0110	.00027	.00268	.00094	.0018	.00014	.26201
%RSD	.48074	.42678	10.479	1085.5	201.46	17.20	.31945	5.1209

#1	5.2357	2.5858	-.00273	-.00214	.00113	.0119	.04385	-5.3019
#2	5.2714	2.5703	-.00235	.00165	-.00020	.0093	.04404	-4.9313

Sample Name: J6335-04 Acquired: 12/15/2018 0:53:18 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .46065
%RSD 155.09

#1 .02871
#2 -.62275

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2757.0	62010.	4346.1	105.26	3861.8
Stddev	19.9	73.	3.9	1.75	26.5
%RSD	.72161	.11844	.09069	1.6588	.68633

#1	2771.0	61958.	4348.9	106.49	3880.5
#2	2742.9	62062.	4343.3	104.03	3843.0

Sample Name: J6335-06 Acquired: 12/15/2018 0:57:24 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00159	-.00281	-.00002	-.00002	-.00124	.06238	.34891	-.00006
Stddev	.00145	.00011	.00016	.00033	.00039	.01023	.00069	.00004
%RSD	91.015	4.0427	954.41	1824.7	31.203	16.400	.19765	68.827
#1	.00261	-.00289	.00010	-.00025	-.00152	.06961	.34842	-.00003
#2	.00057	-.00273	-.00013	.00021	-.00097	.05514	.34939	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	49.700	.01580	-.00010	.00060	.10617	.06998	12.064
Stddev	.00002	.058	.00071	.00007	.00009	.00110	.00017	.021
%RSD	31.377	.11690	4.4700	69.133	15.432	1.0329	.24360	.17207
#1	.00008	49.741	.01630	-.00015	.00053	.10695	.07010	12.079
#2	.00005	49.659	.01530	-.00005	.00066	.10539	.06986	12.050
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	-.00078	51.988	.00013	.01214	6.3555	-.00012	.07304
Stddev	.00054	.00037	.458	.00009	.00005	.0080	.00001	.01100
%RSD	81.601	46.789	.88023	71.027	.38217	.12602	5.0759	15.064
#1	.00104	-.00052	52.311	.00020	.01211	6.3498	-.00012	.06526
#2	.00028	-.00104	51.664	.00007	.01217	6.3612	-.00013	.08082
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.795	6.9977	-.00770	-.00086	-.00144	.0941	.44909	<.00000
Stddev	.008	.0260	.00051	.00075	.00109	.0009	.00163	.56028
%RSD	.04630	.37142	6.5652	87.531	75.867	.9847	.36260	14.010
#1	17.801	6.9793	-.00734	-.00139	-.00221	.0934	.45024	-3.6030
#2	17.789	7.0161	-.00806	-.00033	-.00067	.0947	.44794	-4.3953

Sample Name: J6335-06 Acquired: 12/15/2018 0:57:24 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.60464
Stddev	.70824
%RSD	117.13

#1	1.1054
#2	.10384

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2657.0	59185.	4236.9	101.24	3610.3
Stddev	1.6	829.	8.3	.08	.3
%RSD	.05844	1.4014	.19615	.07722	.00721

#1	2658.1	58599.	4231.0	101.19	3610.1
#2	2655.9	59772.	4242.8	101.30	3610.5

Sample Name: J6335-08 Acquired: 12/15/2018 1:01:28 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW24S- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	-.00579	.00187	.00726	-.00156	.05637	.27041	-.00008
Stddev	.00080	.00044	.00025	.00209	.00101	.01966	.00011	.00000
%RSD	165.17	7.6039	13.468	28.756	64.320	34.880	.04072	1.7956

#1	.00008	-.00548	.00169	.00578	-.00085	.04246	.27033	-.00008
#2	-.00105	-.00610	.00205	.00874	-.00228	.07027	.27049	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	112.72	.00271	.00003	.00211	.02632	.00270	25.418
Stddev	.00000	.53	.00031	.00029	.00031	.00428	.00011	.086
%RSD	.91095	.46798	11.533	1119.0	14.906	16.262	4.0830	.33838

#1	.00041	112.34	.00293	.00023	.00189	.02329	.00262	25.357
#2	.00041	113.09	.00249	-.00018	.00233	.02935	.00277	25.479

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	-.00088	126.63	.00082	.00913	15.033	.00029	.03255
Stddev	.00044	.00010	.88	.00015	.00024	.100	.00034	.00426
%RSD	98.594	10.888	.69840	18.251	2.6625	.66838	116.81	13.097

#1	.00014	-.00082	126.00	.00071	.00895	14.962	.00005	.02954
#2	.00076	-.00095	127.26	.00092	.00930	15.104	.00053	.03557

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6541	4.6097	-.00474	.00035	.00286	.0130	.75621	<.00000
Stddev	.0012	.0019	.00014	.00010	.00059	.0016	.00231	.20706
%RSD	.01379	.04142	2.9665	29.816	20.522	12.21	.30554	8.3270

#1	8.6550	4.6110	-.00484	.00042	.00245	.0118	.75458	-2.3402
#2	8.6533	4.6083	-.00464	.00027	.00328	.0141	.75785	-2.6330

Sample Name: J6335-08 Acquired: 12/15/2018 1:01:28 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-HN-MW24S- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.9447
Stddev	.0467
%RSD	2.4027

#1	1.9116
#2	1.9777

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2569.3	56892.	4093.4	97.095	3402.7
Stddev	.3	39.	.8	1.287	1.6
%RSD	.01153	.06822	.02050	1.3258	.04837

#1	2569.5	56920.	4094.0	98.005	3403.9
#2	2569.1	56865.	4092.8	96.184	3401.6

Sample Name: CCV14 Acquired: 12/15/2018 1:05:33 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-3C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6110	4.7970	4.7938	4.7978	5.1068	9.9870	10.412
Stddev	.0167	.0098	.0109	.0132	.0090	.0758	.066
%RSD	.36204	.20499	.22715	.27443	.17554	.75899	.63811

#1	4.6228	4.8040	4.8015	4.8071	5.1131	9.9334	10.459
#2	4.5992	4.7901	4.7861	4.7885	5.1004	10.041	10.365

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25768	2.5081	26.624	.98141	2.4185	1.2457	F 4.4913
Stddev	.00028	.0050	.067	.00296	.0050	.0027	.1152
%RSD	.10943	.20118	.25303	.30201	.20506	.21463	2.5651

#1	.25788	2.5117	26.672	.98351	2.4220	1.2476	4.4098
#2	.25748	2.5045	26.577	.97932	2.4150	1.2439	4.5727

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6453	26.723	2.3555	F 1.1246	25.523	2.5716	2.4137
Stddev	.0010	.196	.0001	.0003	.169	.0023	.0428
%RSD	.03751	.73248	.00645	.02561	.66229	.08925	1.7730

#1	2.6446	26.861	2.3553	1.1248	25.642	2.5700	2.3834
#2	2.6460	26.585	2.3556	1.1244	25.403	2.5732	2.4439

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.521	5.0433	5.0631	F 4.2918	4.7469	F 4.4375	4.9477
Stddev	.152	.0033	.0226	.0088	.0370	.0119	.0209
%RSD	.64539	.06622	.44565	.20561	.77924	.26721	.42324

#1	23.628	5.0457	5.0791	4.2980	4.7731	4.4459	4.9626
#2	23.414	5.0409	5.0471	4.2856	4.7208	4.4291	4.9329

Sample Name: CCV14 Acquired: 12/15/2018 1:05:33 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-3C Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0310	4.605	5.1087	F<.00000	F 2.9818
Stddev	.0233	.001	.0190	.10980	.3863
%RSD	.46357	.0261	.37203	3.4946	12.954

#1	5.0475	4.604	5.1221	-3.0645	3.2549
#2	5.0145	4.606	5.0953	-3.2198	2.7086

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2654.8	58773.	4156.7	96.817	3433.3
Stddev	4.4	67.	46.6	1.636	7.8
%RSD	.16665	.11316	1.1218	1.6897	.22654

#1	2651.7	58726.	4123.7	97.974	3427.8
#2	2658.0	58820.	4189.7	95.661	3438.8

Sample Name: CCB14 Acquired: 12/15/2018 1:09:20 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV-27781L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00149	-.00128	.00022	.00131	-.00018	.00847	-.00290
Stddev	.00028	.00061	.00006	.00208	.00012	.00430	.00029
%RSD	18.517	47.266	29.847	159.03	68.511	50.752	9.8396

#1	.00129	-.00085	.00026	.00277	-.00027	.01152	-.00310
#2	.00168	-.00171	.00017	-.00016	-.00009	.00543	-.00270

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00009	-.00060	.00050	-.00013	-.00008	.00036
Stddev	.00004	.00012	.00459	.00016	.00020	.00075	.00457
%RSD	44.965	133.49	770.58	32.045	155.35	993.67	1275.8

#1	-.00005	.00018	.00265	.00061	-.00027	.00045	.00359
#2	-.00010	.00001	-.00384	.00039	.00001	-.00061	-.00287

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00722	.00082	-.00029	.02728	-.00015	.00011
Stddev	.00002	.00716	.00022	.00033	.00956	.00028	.00005
%RSD	63.877	99.149	26.472	115.28	35.055	189.02	41.998

#1	.00004	.00216	.00067	-.00005	.02052	.00005	.00015
#2	.00001	.01229	.00098	-.00052	.03404	-.00035	.00008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04811	.00014	.00133	F .06016	.00455	-.00132	.00071
Stddev	.00908	.00012	.01127	.00104	.00195	.00011	.00064
%RSD	18.872	82.982	844.32	1.7249	42.907	8.6531	90.657

#1	.04169	.00022	.00930	.05942	.00593	-.00124	.00025
#2	.05453	.00006	-.00663	.06089	.00317	-.00141	.00116

Sample Name: CCB14 Acquired: 12/15/2018 1:09:20 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SV-27781L Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00002	F .0056	.00015	F<.00000	F<.00000
Stddev	.00014	.0011	.00002	.30486	.05871
%RSD	639.06	18.89	12.862	4.6911	12.924

#1	.00012	.0064	.00017	-6.2831	-.49582
#2	-.00008	.0049	.00014	-6.7142	-.41279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2848.6	63491.	4295.4	102.32	4029.4
Stddev	7.1	382.	16.6	.27	4.3
%RSD	.24813	.60122	.38760	.25915	.10681

#1	2843.6	63221.	4283.6	102.51	4026.3
#2	2853.6	63761.	4307.2	102.13	4032.4

Sample Name: J6335-10 Acquired: 12/15/2018 1:13:28 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01417	-.00576	-.01005	.01213	-.00033	1.0274	.18202	.00085
Stddev	.00217	.00083	.00083	.00100	.00040	.0132	.00007	.00006
%RSD	15.314	14.327	8.3076	8.2806	121.16	1.2835	.03992	7.0030
#1	.01570	-.00635	-.00946	.01284	-.00005	1.0181	.18207	.00089
#2	.01263	-.00518	-.01064	.01142	-.00062	1.0368	.18197	.00080
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00363	120.41	.00182	.03292	.08845	75.932	.92079	15.601
Stddev	.00027	.19	.00061	.00025	.00003	1.881	.01443	.071
%RSD	7.5395	.15959	33.398	.75861	.02869	2.4771	1.5672	.45695
#1	.00343	120.28	.00139	.03274	.08843	77.262	.91058	15.550
#2	.00382	120.55	.00225	.03309	.08847	74.602	.93099	15.651
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01249	-.00088	153.23	.00650	.10325	8.3676	-.00057	.09070
Stddev	.00026	.00043	.04	.00006	.00265	.0036	.00000	.01947
%RSD	2.1122	49.221	.02793	.95290	2.5694	.04314	.28210	21.471
#1	.01231	-.00057	153.26	.00654	.10512	8.3651	-.00057	.10447
#2	.01268	-.00118	153.20	.00645	.10137	8.3702	-.00057	.07693
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 48.832	8.1121	-.01761	-.00015	.00362	.1278	.58606	<.00000
Stddev	.037	.0058	.00053	.00131	.00054	.0000	.00171	.41475
%RSD	.07567	.07141	2.9940	894.09	14.798	.0167	.29194	11.769
#1	48.806	8.1162	-.01723	-.00107	.00324	.1277	.58485	-3.8175
#2	48.859	8.1080	-.01798	.00078	.00400	.1278	.58727	-3.2309

Sample Name: J6335-10 Acquired: 12/15/2018 1:13:28 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.30388
%RSD	35.629

#1	-1.0678
#2	-.63803

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2596.7	57551.	4263.4	96.939	3338.0
Stddev	17.8	749.	21.9	2.811	14.9
%RSD	.68535	1.3009	.51386	2.8993	.44540

#1	2584.1	58080.	4247.9	94.951	3327.4
#2	2609.3	57022.	4278.9	98.926	3348.5

Sample Name: J6335-12 Acquired: 12/15/2018 1:17:30 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP04-201 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	-.00330	.00153	.00590	-.00313	.06794	.25459	-.00007
Stddev	.00038	.00009	.00009	.00145	.00116	.02546	.00195	.00001
%RSD	37.165	2.5887	5.8957	24.615	37.169	37.471	.76508	8.5392

#1	-.00074	-.00336	.00159	.00487	-.00231	.08594	.25321	-.00007
#2	-.00128	-.00324	.00146	.00693	-.00395	.04994	.25597	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	104.97	.00326	-.00009	.00169	.03832	.00265	23.678
Stddev	.00004	.16	.00061	.00017	.00036	.00464	.00004	.047
%RSD	10.263	.15328	18.585	194.08	21.009	12.099	1.4310	.20028

#1	.00033	105.09	.00369	.00003	.00194	.03504	.00263	23.645
#2	.00039	104.86	.00283	-.00020	.00144	.04160	.00268	23.712

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	-.00063	118.83	.00111	.01052	14.295	.00013	.03256
Stddev	.00026	.00041	.09	.00030	.00009	.078	.00020	.00856
%RSD	42.386	64.032	.07819	27.206	.81282	.54476	151.32	26.289

#1	.00080	-.00092	118.90	.00090	.01058	14.240	-.00001	.02650
#2	.00043	-.00035	118.77	.00133	.01046	14.350	.00027	.03861

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1902	4.3717	-.00316	.00132	.00276	.0155	.70959	<.00000
Stddev	.0077	.0380	.00106	.00010	.00037	.0011	.00011	.43370
%RSD	.09356	.86854	33.394	7.6252	13.275	6.802	.01617	17.993

#1	8.1957	4.3986	-.00391	.00125	.00250	.0163	.70951	-2.1037
#2	8.1848	4.3449	-.00241	.00139	.00302	.0148	.70967	-2.7170

Sample Name: J6335-12 Acquired: 12/15/2018 1:17:30 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP04-201 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.3820
Stddev	1.4932
%RSD	62.686

#1	1.3262
#2	3.4378

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2579.1	57199.	4151.7	98.856	3419.9
Stddev	5.2	283.	28.6	.332	6.2
%RSD	.20210	.49434	.68824	.33600	.18066

#1	2575.4	56999.	4131.5	98.621	3415.6
#2	2582.8	57398.	4171.9	99.091	3424.3

Sample Name: J6335-14 Acquired: 12/15/2018 1:21:34 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00311	-.00021	-.00133	.00118	1.2171	.06526	.00040
Stddev	.00112	.00005	.00098	.00189	.00018	.0114	.00038	.00009
%RSD	473.95	1.6209	470.15	141.33	15.361	.93916	.58330	23.757

#1	.00102	-.00314	.00048	-.00267	.00105	1.2090	.06499	.00033
#2	-.00055	-.00307	-.00090	-.00000	.00131	1.2252	.06553	.00047

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	7.4747	.00650	.00105	.00409	.32074	.16564	2.0820
Stddev	.00004	.0348	.00005	.00008	.00015	.00647	.00022	.0395
%RSD	13.822	.46618	.81272	7.6160	3.7081	2.0168	.13281	1.8960

#1	.00024	7.4500	.00646	.00110	.00398	.31617	.16580	2.1099
#2	.00029	7.4993	.00653	.00099	.00420	.32531	.16549	2.0541

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00851	-.00101	48.158	.00078	.04818	1.0239	.00052	.01259
Stddev	.00038	.00027	.279	.00018	.00059	.0146	.00016	.00870
%RSD	4.4442	27.072	.57982	23.073	1.2216	1.4267	31.648	69.123

#1	.00824	-.00120	48.356	.00091	.04777	1.0136	.00040	.01875
#2	.00877	-.00081	47.961	.00065	.04860	1.0342	.00064	.00644

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4054	2.5447	-.00287	.00496	-.00007	.0923	.06393	<.00000
Stddev	.0292	.0092	.00023	.00073	.00198	.0018	.00012	.40804
%RSD	.53943	.36245	7.9209	14.700	2876.3	1.944	.18219	7.8052

#1	5.4260	2.5513	-.00303	.00548	-.00147	.0935	.06385	-5.5163
#2	5.3847	2.5382	-.00271	.00445	.00133	.0910	.06402	-4.9393

Sample Name: J6335-14 Acquired: 12/15/2018 1:21:34 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.54594
Stddev	.13655
%RSD	25.013

#1	.44938
#2	.64249

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2744.4	61585.	4278.9	101.45	3757.9
Stddev	11.8	72.	20.4	.98	24.4
%RSD	.43053	.11723	.47598	.96264	.64918

#1	2736.1	61534.	4264.5	102.14	3740.7
#2	2752.8	61636.	4293.3	100.76	3775.2

Sample Name: J6335-16 Acquired: 12/15/2018 1:25:37 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-EB03-2018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	-.00209	-.00058	-.00112	-.00031	.01933	-.00281	-.00008
Stddev	.00172	.00087	.00074	.00015	.00044	.00064	.00046	.00006
%RSD	660.91	41.780	127.58	13.327	143.55	3.2904	16.349	83.104

#1	.00147	-.00148	-.00110	-.00122	.00000	.01888	-.00313	-.00003
#2	-.00095	-.00271	-.00006	-.00101	-.00062	.01978	-.00249	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.01984	.00121	-.00008	.00018	.00184	.00041	.01131
Stddev	.00001	.00327	.00012	.00006	.00011	.00393	.00004	.02893
%RSD	1949.1	16.509	9.9381	73.234	58.848	213.76	9.1690	255.89

#1	.00001	.01752	.00130	-.00004	.00026	.00462	.00039	.03177
#2	-.00001	.02215	.00113	-.00011	.00011	-.00094	.00044	-.00915

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	-.00050	.03349	-.00037	.00956	.04762	.00028	-.00751
Stddev	.00003	.00024	.00668	.00018	.00034	.00324	.00042	.00041
%RSD	3.4335	48.443	19.953	48.452	3.5401	6.8143	148.05	5.4958

#1	.00077	-.00068	.02876	-.00050	.00980	.04533	-.00001	-.00780
#2	.00081	-.00033	.03821	-.00024	.00932	.04991	.00058	-.00722

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02855	.00238	-.00101	-.00083	-.00235	.0076	.00014	<.00000
Stddev	.00173	.00199	.00038	.00160	.00009	.0002	.00002	.22168
%RSD	6.0566	83.577	37.358	192.42	3.9293	2.747	17.108	3.7909

#1	.02732	.00379	-.00128	.00030	-.00229	.0075	.00016	-6.0045
#2	.02977	.00097	-.00075	-.00196	-.00242	.0078	.00013	-5.6910

Sample Name: J6335-16 Acquired: 12/15/2018 1:25:37 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-EB03-2018 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .84797
%RSD 133.47

#1 -.03572
#2 -1.2349

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2773.2	62831.	4249.4	101.86	3920.2
Stddev	.1	73.	28.8	3.41	10.9
%RSD	.00380	.11555	.67794	3.3494	.27748

#1	2773.2	62883.	4229.0	99.450	3927.9
#2	2773.1	62780.	4269.7	104.28	3912.5

Sample Name: J6357-11 Acquired: 12/15/2018 1:29:44 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02957	-.00359	.04724	.03961	.01323	1.6874	.01592	.00010
Stddev	.00075	.00105	.00021	.00370	.00152	.0323	.00155	.00001
%RSD	2.5530	29.070	.44176	9.3498	11.504	1.9160	9.7318	4.7856
#1	.03010	-.00286	.04739	.04223	.01430	1.7103	.01701	.00010
#2	.02904	-.00433	.04710	.03699	.01215	1.6646	.01482	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	35.445	.02705	.00369	.49592	1.9241	.07777	14.820
Stddev	.00009	.089	.00032	.00003	.00340	.0356	.00018	.019
%RSD	55.178	.25006	1.1983	.75468	.68468	1.8484	.22859	.12676
#1	.00010	35.382	.02682	.00371	.49352	1.8989	.07765	14.833
#2	.00022	35.508	.02728	.00367	.49832	1.9492	.07790	14.807
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01793	-.00017	97.901	.06379	.21021	9.4233	.01522	.22402
Stddev	.00043	.00009	.758	.00035	.00358	.0106	.00014	.00132
%RSD	2.3747	52.399	.77378	.55164	1.7015	.11206	.93123	.58965
#1	.01763	-.00023	97.365	.06354	.20768	9.4308	.01512	.22496
#2	.01824	-.00011	98.437	.06404	.21274	9.4159	.01532	.22309
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.111	F 28.706	-.00178	.12071	.02918	.0607	.11086	<.00000
Stddev	.001	.199	.00034	.00030	.00023	.0018	.00002	.07103
%RSD	.00646	.69255	18.898	.24865	.77141	2.970	.01628	2.4648
#1	15.111	28.565	-.00154	.12092	.02902	.0594	.11088	-2.8314
#2	15.112	28.846	-.00202	.12049	.02934	.0619	.11085	-2.9318

Sample Name: J6357-11 Acquired: 12/15/2018 1:29:44 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-02 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.6921
Stddev	.4345
%RSD	25.678

#1	1.9993
#2	1.3849

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2615.3	57796.	4090.0	98.775	3547.7
Stddev	6.5	136.	9.5	1.434	19.7
%RSD	.24729	.23526	.23309	1.4514	.55496

#1	2619.8	57700.	4096.8	99.788	3533.8
#2	2610.7	57892.	4083.3	97.761	3561.7

Sample Name: J6390-01 Acquired: 12/15/2018 1:33:45 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20380 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00244	-.00352	.00098	.00078	.00143	.11033	.19502	-.00007
Stddev	.00026	.00004	.00032	.00319	.00081	.02208	.00036	.00001
%RSD	10.608	1.1004	32.280	411.42	56.381	20.012	.18508	17.167

#1	-.00226	-.00349	.00120	.00304	.00086	.12595	.19477	-.00008
#2	-.00262	-.00355	.00076	-.00148	.00201	.09472	.19528	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	7.0832	.00186	.00026	.00276	.07192	.20291	.69423
Stddev	.00002	.0197	.00003	.00009	.00023	.01909	.00121	.03280
%RSD	17.603	.27765	1.5173	33.278	8.3403	26.546	.59664	4.7247

#1	.00015	7.0693	.00184	.00032	.00292	.05842	.20206	.67103
#2	.00012	7.0971	.00188	.00020	.00260	.08542	.20377	.71742

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00332	-.00075	263.55	.00002	.18919	.85397	.00046	.03864
Stddev	.00030	.00012	.65	.00033	.00631	.01857	.00018	.00305
%RSD	8.9534	16.417	.24806	2187.0	3.3353	2.1749	38.773	7.8936

#1	.00353	-.00084	264.01	.00025	.18472	.84083	.00033	.04080
#2	.00311	-.00066	263.08	-.00022	.19365	.86710	.00058	.03648

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33795	.47280	-.00057	.00325	.00192	.0630	.02756	<.00000
Stddev	.00111	.00531	.00006	.00178	.00233	.0007	.00000	.51896
%RSD	.32920	1.1240	11.365	54.898	121.29	1.170	.00223	19.977

#1	.33873	.46905	-.00061	.00451	.00027	.0636	.02756	-2.2308
#2	.33716	.47656	-.00052	.00199	.00357	.0625	.02756	-2.9647

Sample Name: J6390-01 Acquired: 12/15/2018 1:33:45 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20380 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5413
 Stddev .4074
 %RSD 26.435

#1 1.2532
 #2 1.8294

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2619.0	57027.	4163.8	99.867	3445.0
Stddev	8.9	266.	13.4	3.005	14.1
%RSD	.34169	.46595	.32158	3.0092	.40830

#1	2612.7	56839.	4154.3	101.99	3435.0
#2	2625.3	57215.	4173.2	97.742	3454.9

Sample Name: J6403-04 Acquired: 12/15/2018 1:37:55 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01410	-.00422	.18256	-.00036	.00080	.08117	.21430	-.00000
Stddev	.00347	.00043	.00169	.00248	.00113	.00955	.00106	.00002
%RSD	24.588	10.111	.92471	682.08	142.37	11.767	.49447	345.14

#1	.01165	-.00452	.18375	.00139	.00160	.08793	.21356	.00001
#2	.01655	-.00392	.18137	-.00212	-.00001	.07442	.21505	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	56.275	.00085	.00291	.02800	-.01129	.23144	2.4424
Stddev	.00001	.123	.00059	.00043	.00017	.00511	.00034	.0459
%RSD	.41960	.21894	68.694	14.841	.59197	45.213	.14564	1.8782

#1	.00178	56.362	.00127	.00322	.02811	-.01490	.23120	2.4100
#2	.00177	56.188	.00044	.00261	.02788	-.00768	.23168	2.4749

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00896	-.00055	371.55	.00146	.65392	1.3639	.00007	.00053
Stddev	.00010	.00042	2.68	.00013	.00843	.0163	.00021	.00598
%RSD	1.1026	76.357	.72056	8.9042	1.2888	1.1922	299.55	1134.3

#1	.00903	-.00025	373.44	.00137	.64796	1.3754	-.00008	.00476
#2	.00889	-.00084	369.66	.00155	.65987	1.3524	.00021	-.00370

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78756	.72419	-.00071	-.00016	.00474	.0703	.23450	<.00000
Stddev	.00003	.00319	.00004	.00025	.00217	.0012	.00043	.18939
%RSD	.00426	.44111	6.2376	156.12	45.715	1.694	.18254	10.267

#1	.78754	.72645	-.00068	.00002	.00321	.0695	.23420	-1.9786
#2	.78758	.72193	-.00074	-.00034	.00628	.0712	.23480	-1.7108

Sample Name: J6403-04 Acquired: 12/15/2018 1:37:55 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9683
 Stddev .1359
 %RSD 4.5769

#1 2.8723
 #2 3.0644

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2555.3	55972.	4097.6	94.670	3290.4
Stddev	15.5	57.	5.7	.954	24.2
%RSD	.60528	.10121	.13878	1.0079	.73669

#1	2544.4	56012.	4101.6	95.345	3273.2
#2	2566.3	55932.	4093.6	93.996	3307.5

Sample Name: J6403-04DUP Acquired: 12/15/2018 1:42:04 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-ADUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01239	-.00378	.18285	-.00033	.00137	.09031	.21554	-.00004
Stddev	.00228	.00062	.00036	.00200	.00030	.01641	.00043	.00005
%RSD	18.431	16.350	.19739	608.14	21.851	18.170	.20176	124.13

#1	.01401	-.00421	.18310	-.00174	.00116	.07870	.21585	-.00007
#2	.01078	-.00334	.18259	.00108	.00159	.10191	.21523	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	56.065	.00106	.00272	.02883	.00022	.23391	2.4219
Stddev	.00017	.259	.00011	.00020	.00010	.00394	.00048	.0880
%RSD	8.9213	.46159	10.251	7.2762	.35688	1756.5	.20645	3.6343

#1	.00174	55.882	.00098	.00258	.02876	-.00256	.23357	2.3596
#2	.00198	56.248	.00114	.00286	.02890	.00301	.23425	2.4841

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00897	-.00065	368.69	.00150	.61935	1.4103	-.00004	-.01287
Stddev	.00008	.00036	4.30	.00041	.00591	.0152	.00014	.00767
%RSD	.93267	55.076	1.1661	27.392	.95403	1.0768	333.29	59.595

#1	.00903	-.00040	365.65	.00179	.61518	1.4211	-.00014	-.01830
#2	.00891	-.00090	371.73	.00121	.62353	1.3996	.00006	-.00745

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79611	.71730	-.00046	-.00012	.00675	.0725	.23432	<.00000
Stddev	.00191	.00620	.00032	.00102	.00096	.0001	.00104	.10252
%RSD	.24014	.86377	70.868	888.72	14.256	.1254	.44533	3.9163

#1	.79746	.71292	-.00069	-.00084	.00607	.0724	.23359	-2.6903
#2	.79475	.72168	-.00023	.00061	.00743	.0726	.23506	-2.5454

Sample Name: J6403-04DUP Acquired: 12/15/2018 1:42:04 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-ADUP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5773
 Stddev .3572
 %RSD 13.861

#1 2.3247
 #2 2.8299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2579.8	56732.	4220.9	101.97	3328.0
Stddev	1.1	53.	5.5	.87	.2
%RSD	.04288	.09383	.12960	.85524	.00647

#1	2579.0	56770.	4224.8	102.58	3328.2
#2	2580.6	56695.	4217.0	101.35	3327.9

Sample Name: J6403-04LX5 Acquired: 12/15/2018 1:46:14 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00438	-.00165	.03887	.00033	-.00030	.06789	.05135	-.00003
Stddev	.00238	.00077	.00042	.00186	.00071	.00972	.00070	.00000
%RSD	54.350	46.817	1.0768	559.22	234.16	14.310	1.3638	4.9603

#1	.00606	-.00220	.03916	.00164	-.00080	.07476	.05184	-.00003
#2	.00269	-.00110	.03857	-.00098	.00020	.06102	.05085	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	16.321	.00078	.00065	.01082	.03435	.08138	1.5933
Stddev	.00002	.091	.00017	.00022	.00017	.00283	.00046	.0523
%RSD	7.0689	.55692	21.754	34.219	1.5949	8.2424	.56613	3.2814

#1	.00036	16.257	.00066	.00049	.01070	.03635	.08105	1.5563
#2	.00032	16.385	.00090	.00081	.01095	.03235	.08170	1.6302

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00183	-.00023	97.462	.00061	.14034	.77022	-.00002	-.00216
Stddev	.00042	.00007	.361	.00036	.00030	.02880	.00005	.00382
%RSD	22.674	32.452	.37037	59.254	.21120	3.7397	268.30	176.77

#1	.00213	-.00018	97.207	.00087	.14013	.74985	-.00005	.00054
#2	.00154	-.00028	97.718	.00036	.14055	.79059	.00002	-.00486

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78686	.32655	-.00080	.00045	.00444	.0548	.06928	<.00000
Stddev	.00885	.00121	.00041	.00166	.00200	.0009	.00033	.14025
%RSD	1.1251	.37109	50.770	366.59	45.062	1.700	.47876	3.1057

#1	.79312	.32570	-.00109	-.00072	.00302	.0542	.06904	-4.6151
#2	.78060	.32741	-.00051	.00163	.00585	.0555	.06951	-4.4168

Sample Name: J6403-04LX5 Acquired: 12/15/2018 1:46:14 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.19698
Stddev	.69602
%RSD	353.34

#1	.68914
#2	-.29518

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2692.3	59811.	4223.2	101.33	3621.9
Stddev	21.7	162.	5.4	.12	32.6
%RSD	.80472	.27007	.12729	.11927	.90081

#1	2676.9	59925.	4227.0	101.24	3598.9
#2	2707.6	59697.	4219.4	101.41	3645.0

Sample Name: J6403-04MS Acquired: 12/15/2018 1:50:19 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-AMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01268	-.00626	.18647	.00402	.00381	.08132	.22354	-.00009
Stddev	.00092	.00030	.00059	.00218	.00119	.00860	.00029	.00010
%RSD	7.2251	4.8257	.31743	54.322	31.372	10.577	.13015	107.26

#1	.01333	-.00604	.18689	.00556	.00465	.08740	.22374	-.00002
#2	.01204	-.00647	.18605	.00248	.00296	.07524	.22333	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00187	58.133	.00107	.00306	.02946	-.00579	.24185	2.4702
Stddev	.00000	.000	.00031	.00001	.00001	.00833	.00130	.0213
%RSD	.14551	.00033	28.837	.27416	.02019	144.00	.53742	.86361

#1	.00187	58.133	.00129	.00305	.02946	-.01168	.24093	2.4551
#2	.00187	58.133	.00085	.00306	.02946	.00011	.24277	2.4853

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01002	-.00080	384.58	.00195	.64908	1.4380	.00026	-.00206
Stddev	.00030	.00014	3.82	.00006	.00620	.0222	.00011	.00931
%RSD	3.0119	16.888	.99211	2.9562	.95591	1.5472	43.460	451.05

#1	.01023	-.00090	387.28	.00199	.64469	1.4223	.00033	-.00865
#2	.00980	-.00071	381.89	.00191	.65347	1.4538	.00018	.00452

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80975	.73583	-.00033	-.00009	.00779	.0731	.24262	<.00000
Stddev	.00493	.00168	.00035	.00000	.00025	.0002	.00002	.20246
%RSD	.60916	.22873	105.72	4.4919	3.1653	.3372	.00860	8.2261

#1	.81324	.73702	-.00008	-.00010	.00761	.0733	.24263	-2.6044
#2	.80627	.73464	-.00058	-.00009	.00796	.0729	.24260	-2.3181

Sample Name: J6403-04MS Acquired: 12/15/2018 1:50:19 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-AMS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8863
 Stddev .2923
 %RSD 10.126

#1 2.6796
 #2 3.0930

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2563.2	56638.	4196.5	99.910	3325.5
Stddev	7.1	83.	20.2	.905	6.3
%RSD	.27831	.14670	.48198	.90609	.18841

#1	2558.1	56697.	4182.2	100.55	3321.1
#2	2568.2	56579.	4210.8	99.270	3330.0

Sample Name: CCV15 Acquired: 12/15/2018 1:54:29 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14351 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6303	4.8097	4.8083	4.8272	5.1459	10.024	10.448
Stddev	.0151	.0091	.0072	.0102	.0121	.072	.098
%RSD	.32583	.18860	.14919	.21110	.23433	.72250	.93678

#1	4.6410	4.8161	4.8032	4.8344	5.1544	9.9727	10.379
#2	4.6197	4.8032	4.8134	4.8200	5.1374	10.075	10.518

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25752	2.5169	26.432	.98200	2.4254	1.2497	4.5302
Stddev	.00044	.0006	.049	.00380	.0007	.0006	.0394
%RSD	.16904	.02279	.18701	.38723	.02907	.04623	.87092

#1	.25721	2.5165	26.467	.97931	2.4259	1.2501	4.5023
#2	.25782	2.5173	26.397	.98469	2.4249	1.2493	4.5581

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6398	26.589	2.3665	1.1261	25.448	2.5723	2.4219
Stddev	.0007	.404	.0010	.0053	.315	.0010	.0525
%RSD	.02606	1.5185	.04148	.46590	1.2385	.04093	2.1696

#1	2.6393	26.304	2.3658	1.1224	25.225	2.5716	2.3847
#2	2.6403	26.875	2.3672	1.1298	25.670	2.5731	2.4590

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.522	5.0645	5.0475	F 4.2450	4.6834	F 4.4620	4.9341
Stddev	.190	.0044	.0304	.0035	.0637	.0069	.0196
%RSD	.80708	.08677	.60238	.08232	1.3602	.15483	.39731

#1	23.387	5.0676	5.0260	4.2475	4.6383	4.4571	4.9202
#2	23.656	5.0613	5.0690	4.2425	4.7284	4.4669	4.9479

Sample Name: CCV15 Acquired: 12/15/2018 1:54:29 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14351 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0252	4.632	5.1002	F<.00000	F 3.1741
Stddev	.0520	.006	.0114	.32986	.7279
%RSD	1.0342	.1325	.22285	10.104	22.932
#1	4.9884	4.628	5.0921	-3.4979	3.6888
#2	5.0619	4.636	5.1082	-3.0314	2.6594
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2649.1	59103.	4205.9	96.511	3426.2
Stddev	6.5	93.	36.0	1.919	3.5
%RSD	.24700	.15680	.85582	1.9880	.10191
#1	2644.5	59169.	4231.3	97.867	3423.8
#2	2653.8	59037.	4180.4	95.154	3428.7

Sample Name: CCB15 Acquired: 12/15/2018 1:58:17 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14351 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	-.00095	.00082	.00034	.00143	.00489	-.00240
Stddev	.00249	.00047	.00099	.00167	.00088	.00831	.00019
%RSD	682.85	49.182	121.20	488.06	61.413	169.73	7.7797

#1	.00213	-.00062	.00012	.00152	.00081	.01077	-.00253
#2	-.00140	-.00128	.00152	-.00084	.00205	-.00098	-.00227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00005	-.00123	.00046	.00019	-.00022	-.00538
Stddev	.00001	.00001	.02171	.00025	.00010	.00034	.00912
%RSD	48.818	22.220	1760.6	55.220	53.555	158.85	169.49

#1	.00003	.00004	.01412	.00028	.00012	-.00046	-.01183
#2	.00002	.00006	-.01659	.00064	.00026	.00003	.00107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.01522	.00045	-.00030	.06974	-.00001	-.00007
Stddev	.00004	.03912	.00024	.00022	.00792	.00005	.00004
%RSD	57.050	257.13	53.857	71.197	11.360	897.08	56.573

#1	.00005	-.01245	.00028	-.00046	.07534	.00003	-.00004
#2	.00011	.04288	.00062	-.00015	.06414	-.00004	-.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06931	.00039	-.00319	F .01613	-.00145	-.00065	.00125
Stddev	.00817	.00014	.00677	.00035	.00191	.00126	.00150
%RSD	11.792	36.449	212.16	2.1577	131.98	193.07	119.73

#1	.06353	.00049	-.00798	.01589	-.00280	.00024	.00019
#2	.07509	.00029	.00160	.01638	-.00010	-.00154	.00231

Sample Name: CCB15 Acquired: 12/15/2018 1:58:17 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14351 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00145	F .0061	.00011	F<.00000	F<.00000
Stddev	.00191	.0000	.00004	.09585	.06188
%RSD	131.27	.7222	34.216	1.7256	6.6874

#1	.00280	.0060	.00009	-5.4869	-.88155
#2	.00010	.0061	.00014	-5.6224	-.96906

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2771.9	62393.	4233.1	102.85	3912.9
Stddev	1.8	137.	7.5	2.60	.1
%RSD	.06376	.21939	.17600	2.5323	.00369

#1	2770.7	62296.	4227.8	104.69	3913.0
#2	2773.2	62489.	4238.4	101.01	3912.8

Sample Name: J6403-04MSD Acquired: 12/15/2018 2:02:24 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-AMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01373	-.00646	.19317	.00305	.00420	.10601	.22809	-.00003
Stddev	.00081	.00147	.00065	.00330	.00041	.00727	.00042	.00011
%RSD	5.9163	22.757	.33621	108.42	9.8341	6.8624	.18336	334.19

#1	.01315	-.00750	.19363	.00071	.00449	.10087	.22839	-.00011
#2	.01430	-.00542	.19271	.00538	.00391	.11115	.22780	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00189	59.263	.00095	.00308	.03047	-.00836	.24948	2.5697
Stddev	.00012	.104	.00010	.00017	.00019	.00563	.00044	.0018
%RSD	6.3151	.17537	10.936	5.6605	.61429	67.339	.17806	.07124

#1	.00181	59.189	.00103	.00296	.03034	-.00438	.24917	2.5710
#2	.00198	59.336	.00088	.00321	.03060	-.01234	.24979	2.5684

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00970	-.00068	390.24	.00177	.66513	1.4390	.00042	-.00458
Stddev	.00035	.00021	1.08	.00007	.01764	.0565	.00032	.01597
%RSD	3.5880	31.606	.27551	3.6635	2.6527	3.9255	76.286	348.48

#1	.00994	-.00053	389.48	.00173	.67760	1.3990	.00065	.00671
#2	.00945	-.00083	391.00	.00182	.65265	1.4789	.00020	-.01587

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83058	.75618	-.00016	.00033	.00686	.0743	.24668	<.00000
Stddev	.00314	.00715	.00069	.00020	.00285	.0003	.00018	.12706
%RSD	.37756	.94538	439.01	61.452	41.513	.4557	.07293	7.9246

#1	.83280	.76123	-.00064	.00047	.00485	.0745	.24655	-1.5135
#2	.82837	.75112	.00033	.00018	.00887	.0741	.24680	-1.6932

Sample Name: J6403-04MSD Acquired: 12/15/2018 2:02:24 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-AMSD Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6796
 Stddev .0379
 %RSD 1.4135

#1 2.6528
 #2 2.7064

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2490.0	54523.	4074.2	97.352	3218.4
Stddev	4.4	55.	29.3	2.448	6.7
%RSD	.17812	.10099	.71989	2.5149	.20805

#1	2486.8	54484.	4053.5	95.621	3213.6
#2	2493.1	54562.	4095.0	99.083	3223.1

Sample Name: J6403-04A Acquired: 12/15/2018 2:06:35 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7802 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01553	-.00530	.19473	.00113	.00401	.09581	.22856	-.00008
Stddev	.00109	.00054	.00242	.00141	.00044	.00084	.00001	.00000
%RSD	7.0200	10.108	1.2445	125.23	11.044	.87615	.00555	.97123

#1	.01476	-.00492	.19644	.00212	.00370	.09521	.22855	-.00008
#2	.01630	-.00568	.19302	.00013	.00433	.09640	.22857	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00194	59.902	.00120	.00279	.03036	-.00351	.24990	2.6001
Stddev	.00002	.464	.00006	.00005	.00035	.00104	.00047	.0169
%RSD	.82189	.77463	5.0186	1.7250	1.1411	29.731	.18933	.65012

#1	.00193	60.230	.00116	.00276	.03060	-.00278	.24957	2.6120
#2	.00195	59.574	.00124	.00283	.03011	-.00425	.25024	2.5881

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00913	-.00064	387.65	.00119	.67400	1.4829	.00022	.00643
Stddev	.00038	.00049	1.99	.00033	.01067	.0374	.00005	.00722
%RSD	4.1490	77.029	.51451	27.659	1.5826	2.5215	23.349	112.28

#1	.00940	-.00098	386.24	.00096	.66646	1.4564	.00018	.01154
#2	.00887	-.00029	389.06	.00143	.68154	1.5093	.00025	.00133

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82793	.75662	-.00013	-.00096	.00894	.0742	.24841	<.00000
Stddev	.00106	.01103	.00016	.00114	.00009	.0005	.00232	.24842
%RSD	.12826	1.4575	120.05	118.14	1.0398	.6678	.93553	19.408

#1	.82869	.76442	-.00002	-.00177	.00888	.0745	.25006	-1.4557
#2	.82718	.74882	-.00025	-.00016	.00901	.0738	.24677	-1.1043

Sample Name: J6403-04A Acquired: 12/15/2018 2:06:35 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7802 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.7843
 Stddev .4077
 %RSD 14.644

#1 2.4959
 #2 3.0726

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2487.5	54567.	4085.5	96.187	3218.8
Stddev	5.5	10.	51.0	1.272	4.5
%RSD	.21927	.01751	1.2480	1.3227	.13919

#1	2483.6	54574.	4049.4	97.086	3215.6
#2	2491.3	54560.	4121.5	95.287	3221.9

Sample Name: J6403-08 Acquired: 12/15/2018 2:10:44 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02581	-.00579	.35774	.00099	.00472	.11720	.25486	-.00000
Stddev	.00042	.00052	.00097	.00098	.00051	.00049	.00203	.00009
%RSD	1.6371	8.9825	.27055	98.468	10.806	.41562	.79840	2400.6

#1	.02551	-.00542	.35705	.00168	.00436	.11685	.25342	-.00006
#2	.02611	-.00616	.35842	.00030	.00509	.11754	.25629	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00182	49.312	.00395	.00559	.02508	.05061	.33156	1.5736
Stddev	.00002	.082	.00009	.00016	.00036	.00327	.00130	.0195
%RSD	1.2127	.16596	2.2409	2.8802	1.4520	6.4567	.39289	1.2374

#1	.00183	49.254	.00388	.00547	.02482	.05292	.33248	1.5598
#2	.00180	49.369	.00401	.00570	.02533	.04830	.33064	1.5874

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01904	-.00071	447.17	.00265	.91010	1.4305	.00069	.00213
Stddev	.00006	.00068	5.38	.00004	.00545	.0282	.00004	.00119
%RSD	.32999	95.680	1.2038	1.4609	.59865	1.9736	6.3248	55.936

#1	.01909	-.00023	450.98	.00262	.91395	1.4105	.00066	.00129
#2	.01900	-.00119	443.36	.00267	.90625	1.4504	.00072	.00297

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79848	.96641	-.00008	.00082	.01357	.0588	.22659	<.00000
Stddev	.00386	.00379	.00050	.00045	.00165	.0008	.00040	.36796
%RSD	.48309	.39198	617.95	55.417	12.127	1.362	.17463	24.813

#1	.79575	.96373	.00027	.00114	.01241	.0594	.22687	-1.2227
#2	.80121	.96909	-.00044	.00050	.01473	.0582	.22631	-1.7431

Sample Name: J6403-08 Acquired: 12/15/2018 2:10:44 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.8943
 Stddev .6719
 %RSD 17.254

#1 4.3694
 #2 3.4192

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2511.3	54775.	4093.1	96.366	3234.7
Stddev	3.1	286.	18.2	.768	5.0
%RSD	.12537	.52142	.44397	.79743	.15412

#1	2509.1	54573.	4080.3	95.823	3231.2
#2	2513.5	54977.	4106.0	96.909	3238.2

Sample Name: J6403-12 Acquired: 12/15/2018 2:14:54 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00832	-.00598	.15891	.00341	.00183	.09642	.21094	.00013
Stddev	.00158	.00079	.00000	.00262	.00007	.00747	.00248	.00001
%RSD	18.984	13.144	.00131	76.822	3.6887	7.7526	1.1752	10.952

#1	.00720	-.00543	.15891	.00527	.00188	.10170	.21269	.00012
#2	.00943	-.00654	.15892	.00156	.00178	.09113	.20918	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	47.035	.00030	.00452	.00736	2.2804	1.1742	1.7960
Stddev	.00008	.181	.00004	.00024	.00055	.0479	.0009	.0226
%RSD	10.263	.38378	13.171	5.3758	7.4539	2.0998	.07612	1.2579

#1	.00073	46.907	.00033	.00469	.00697	2.2466	1.1736	1.8120
#2	.00084	47.162	.00027	.00434	.00775	2.3143	1.1748	1.7801

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00613	-.00072	442.04	.00206	.14316	1.2064	.00049	-.00007
Stddev	.00061	.00035	3.83	.00026	.00254	.0352	.00033	.00342
%RSD	9.8755	48.386	.86636	12.558	1.7726	2.9166	66.748	4946.3

#1	.00656	-.00097	444.74	.00225	.14137	1.1815	.00026	.00235
#2	.00570	-.00048	439.33	.00188	.14496	1.2312	.00072	-.00248

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13653	.29101	.00003	.00122	.00934	.0233	.12135	<.00000
Stddev	.00057	.00217	.00025	.00218	.00248	.0005	.00022	.26659
%RSD	.41456	.74638	950.07	178.06	26.551	2.221	.18310	23.160

#1	.13693	.29254	-.00015	.00277	.00759	.0229	.12151	-.96259
#2	.13613	.28947	.00021	-.00032	.01109	.0236	.12119	-1.3396

Sample Name: J6403-12 Acquired: 12/15/2018 2:14:54 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9392
 Stddev .4446
 %RSD 15.128

#1 3.2536
 #2 2.6248

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2507.3	54608.	4047.0	95.855	3212.3
Stddev	12.5	66.	1.8	1.541	17.8
%RSD	.50052	.12151	.04491	1.6074	.55285

#1	2498.4	54561.	4048.2	96.945	3199.8
#2	2516.1	54655.	4045.7	94.766	3224.9

Sample Name: J6403-16 Acquired: 12/15/2018 2:19:05 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01660	-.00621	.26597	.00320	.00257	.12072	.22505	.00005
Stddev	.00025	.00197	.00184	.00174	.00077	.00460	.00018	.00010
%RSD	1.5327	31.765	.69273	54.305	30.099	3.8138	.07817	210.88

#1	.01678	-.00482	.26727	.00197	.00202	.12398	.22493	-.00002
#2	.01642	-.00761	.26466	.00443	.00312	.11747	.22518	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	35.826	.00049	.00572	.00763	3.2823	.88778	1.2210
Stddev	.00001	.153	.00008	.00014	.00056	.0704	.00095	.0318
%RSD	1.5374	.42611	17.018	2.5192	7.3985	2.1451	.10652	2.6035

#1	.00072	35.934	.00055	.00561	.00803	3.3321	.88845	1.2434
#2	.00070	35.718	.00043	.00582	.00723	3.2325	.88711	1.1985

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00880	-.00067	430.79	.00208	.27771	1.1452	.00036	-.00090
Stddev	.00041	.00027	5.68	.00011	.01070	.0370	.00008	.00223
%RSD	4.6046	40.062	1.3175	5.1489	3.8520	3.2306	21.553	246.84

#1	.00852	-.00086	434.81	.00216	.28528	1.1190	.00031	-.00248
#2	.00909	-.00048	426.78	.00200	.27015	1.1713	.00042	.00067

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20531	.39311	.00017	-.00054	.01287	.0174	.12077	<.00000
Stddev	.00293	.00648	.00003	.00148	.00023	.0013	.00007	.00703
%RSD	1.4259	1.6492	18.291	272.84	1.7931	7.571	.05482	.68260

#1	.20738	.39769	.00020	-.00159	.01271	.0164	.12072	-1.0248
#2	.20324	.38852	.00015	.00050	.01303	.0183	.12082	-1.0347

Sample Name: J6403-16 Acquired: 12/15/2018 2:19:05 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-B Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.5646
Stddev .6584
%RSD 18.472

#1 3.0990
#2 4.0302

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2491.3	54441.	3988.3	93.792	3209.3
Stddev	4.6	45.	77.8	3.430	7.0
%RSD	.18369	.08174	1.9502	3.6565	.21830

#1	2488.1	54409.	3933.3	91.367	3204.3
#2	2494.6	54472.	4043.3	96.217	3214.2

Sample Name: J6403-20 Acquired: 12/15/2018 2:23:15 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00576	-.00500	.46142	-.00115	.00102	.13019	.22945	.00003
Stddev	.00154	.00169	.00185	.00047	.00246	.00928	.00078	.00007
%RSD	26.704	33.754	.40125	41.123	242.67	7.1293	.34210	281.08

#1	.00685	-.00619	.46273	-.00082	.00276	.13675	.23001	.00008
#2	.00467	-.00381	.46011	-.00148	-.00073	.12362	.22890	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	16.748	.00033	.00442	.00647	4.0172	.45144	.77258
Stddev	.00005	.047	.00013	.00030	.00050	.0108	.00152	.01827
%RSD	19.962	.28178	40.890	6.7719	7.6799	.26827	.33723	2.3644

#1	.00031	16.781	.00023	.00421	.00682	4.0095	.45252	.75966
#2	.00024	16.714	.00043	.00463	.00612	4.0248	.45036	.78550

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00900	-.00028	464.59	.00101	.22499	.63607	.00058	.00754
Stddev	.00047	.00020	4.94	.00010	.00036	.02967	.00008	.00880
%RSD	5.2247	73.204	1.0635	10.096	.16051	4.6645	14.004	116.72

#1	.00867	-.00042	468.09	.00094	.22524	.61509	.00052	.01376
#2	.00933	-.00013	461.10	.00109	.22473	.65705	.00064	.00132

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24526	.22335	-.00064	.00129	.01142	.0189	.05638	<.00000
Stddev	.00708	.00318	.00045	.00033	.00080	.0011	.00015	.09159
%RSD	2.8864	1.4234	70.252	25.725	6.9913	5.711	.26246	10.828

#1	.25026	.22110	-.00096	.00105	.01085	.0182	.05627	-.91059
#2	.24025	.22559	-.00032	.00152	.01198	.0197	.05648	-.78106

Sample Name: J6403-20 Acquired: 12/15/2018 2:23:15 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-A Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.9856
Stddev .2804
%RSD 7.0364

#1 4.1839
#2 3.7873

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2484.1	53750.	3978.3	91.704	3200.2
Stddev	9.3	324.	9.7	.112	7.5
%RSD	.37356	.60366	.24439	.12209	.23362

#1	2477.5	53521.	3971.4	91.625	3194.9
#2	2490.7	53980.	3985.2	91.783	3205.5

Sample Name: J6403-24 Acquired: 12/15/2018 2:27:25 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00859	-.00431	.33947	.00206	.00052	.10491	.24288	.00002
Stddev	.00096	.00151	.00066	.00169	.00027	.01755	.00136	.00002
%RSD	11.113	35.066	.19360	82.054	51.765	16.729	.55966	78.540

#1	.00927	-.00538	.33994	.00087	.00071	.11732	.24384	.00001
#2	.00792	-.00324	.33901	.00326	.00033	.09250	.24192	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	22.450	.00039	.00680	.00528	5.8547	.56428	1.1505
Stddev	.00002	.064	.00036	.00029	.00014	.1262	.00001	.0004
%RSD	447.17	.28540	91.381	4.2604	2.6685	2.1553	.00254	.03889

#1	.00001	22.405	.00065	.00659	.00518	5.7654	.56427	1.1508
#2	-.00002	22.495	.00014	.00700	.00538	5.9439	.56429	1.1502

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00928	-.00069	383.64	.00100	.22651	.70587	.00024	.01292
Stddev	.00045	.00031	.06	.00061	.00243	.03156	.00003	.00660
%RSD	4.8166	45.592	.01587	61.453	1.0739	4.4710	10.628	51.059

#1	.00959	-.00047	383.60	.00057	.22479	.68355	.00022	.00826
#2	.00896	-.00091	383.68	.00143	.22823	.72818	.00026	.01758

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29773	.27371	-.00007	.00082	.01149	.0241	.07545	<.00000
Stddev	.00236	.00327	.00002	.00137	.00096	.0007	.00008	.08840
%RSD	.79219	1.1941	32.866	167.23	8.3531	2.890	.11254	12.105

#1	.29606	.27602	-.00008	-.00015	.01081	.0236	.07539	-.79280
#2	.29940	.27140	-.00005	.00178	.01217	.0246	.07551	-.66778

Sample Name: J6403-24 Acquired: 12/15/2018 2:27:25 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-B Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.2815
Stddev	.0032
%RSD	.07470

#1	4.2793
#2	4.2838

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2473.0	53637.	3937.4	92.833	3192.9
Stddev	1.9	5.	44.1	.695	2.8
%RSD	.07726	.00849	1.1213	.74900	.08781

#1	2471.7	53634.	3906.2	93.325	3194.9
#2	2474.4	53640.	3968.6	92.342	3190.9

Sample Name: J6403-28 Acquired: 12/15/2018 2:31:36 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00537	-.00547	.43890	.00093	.00134	.13673	.28945	.00002
Stddev	.00240	.00055	.00017	.00475	.00003	.01034	.00173	.00002
%RSD	44.623	10.128	.03881	509.05	2.4083	7.5590	.59673	85.186

#1	.00707	-.00508	.43902	-.00242	.00132	.12943	.29068	.00001
#2	.00368	-.00586	.43878	.00429	.00136	.14404	.28823	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00199	31.683	.00085	.00966	.03450	.72086	1.6931	1.1897
Stddev	.00001	.066	.00008	.00032	.00030	.01588	.0038	.0309
%RSD	.39709	.20945	9.4591	3.3159	.86896	2.2026	.22658	2.5982

#1	.00198	31.637	.00091	.00988	.03429	.73208	1.6904	1.2115
#2	.00200	31.730	.00080	.00943	.03471	.70963	1.6958	1.1678

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01585	-.00050	395.07	.00026	.44514	.80729	-.00020	-.00584
Stddev	.00033	.00056	5.48	.00036	.00553	.01480	.00000	.00966
%RSD	2.1012	112.26	1.3863	142.05	1.2430	1.8330	1.5289	165.35

#1	.01609	-.00089	391.20	.00051	.44122	.81776	-.00019	.00099
#2	.01562	-.00010	398.94	-.00000	.44905	.79683	-.00020	-.01267

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24513	.45034	-.00011	.00055	.01009	.0081	.11505	<.00000
Stddev	.00138	.00256	.00035	.00102	.00006	.0001	.00016	.16156
%RSD	.56418	.56872	310.46	184.12	.59961	.8103	.14308	48.472

#1	.24611	.44853	.00013	-.00017	.01005	.0081	.11517	-.21907
#2	.24416	.45215	-.00036	.00127	.01013	.0082	.11494	-.44755

Sample Name: J6403-28 Acquired: 12/15/2018 2:31:36 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-A Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.5136
Stddev .4189
%RSD 11.921

#1 3.8098
#2 3.2174

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2470.3	53287.	3910.6	92.117	3179.7
Stddev	22.3	2.	1.5	1.190	27.5
%RSD	.90443	.00314	.03937	1.2922	.86516

#1	2454.5	53286.	3911.7	92.958	3160.2
#2	2486.1	53288.	3909.5	91.275	3199.1

Sample Name: J6403-32 Acquired: 12/15/2018 2:35:45 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00510	-.00448	.28647	.00116	.00344	.10399	.24009	.00003
Stddev	.00191	.00077	.00189	.00085	.00247	.01250	.00030	.00007
%RSD	37.493	17.133	.65955	73.478	71.612	12.019	.12582	223.57

#1	.00646	-.00502	.28781	.00176	.00170	.11283	.24031	.00008
#2	.00375	-.00394	.28514	.00056	.00519	.09515	.23988	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00196	33.553	.00068	.00773	.01573	1.2635	.72948	1.2176
Stddev	.00001	.017	.00024	.00022	.00049	.0099	.00118	.0413
%RSD	.51199	.05049	35.817	2.8093	3.1381	.78033	.16130	3.3921

#1	.00196	33.565	.00086	.00758	.01608	1.2705	.73031	1.1884
#2	.00197	33.541	.00051	.00789	.01538	1.2565	.72865	1.2468

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01235	-.00038	289.81	.00007	.43355	.75744	.00005	.00223
Stddev	.00004	.00026	1.04	.00034	.01369	.04369	.00006	.01325
%RSD	.33325	66.998	.35789	499.91	3.1568	5.7686	132.51	595.57

#1	.01238	-.00057	290.54	-.00017	.44322	.72654	.00000	-.00715
#2	.01232	-.00020	289.07	.00031	.42387	.78833	.00009	.01160

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23944	.45759	-.00006	.00116	.00835	.0061	.12318	<.00000
Stddev	.00183	.00024	.00038	.00085	.00049	.0018	.00021	.02212
%RSD	.76222	.05166	622.53	73.983	5.9102	29.84	.17331	1.3926

#1	.24073	.45775	.00021	.00176	.00870	.0048	.12333	-1.6041
#2	.23815	.45742	-.00033	.00055	.00800	.0073	.12303	-1.5728

Sample Name: J6403-32 Acquired: 12/15/2018 2:35:45 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-B Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6312
Stddev .0551
%RSD 2.0958

#1 2.6702
#2 2.5922

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2558.7	55248.	3993.7	93.304	3341.9
Stddev	19.0	88.	12.8	2.693	17.9
%RSD	.74130	.15998	.32023	2.8862	.53460

#1	2545.3	55185.	3984.7	91.400	3329.3
#2	2572.1	55310.	4002.7	95.208	3354.5

Sample Name: J6403-36 Acquired: 12/15/2018 2:39:55 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00196	-.00518	.19706	.00185	.00107	.08446	.29607	.00001
Stddev	.00089	.00050	.00180	.00311	.00260	.01372	.00234	.00002
%RSD	45.427	9.5761	.91141	168.53	243.27	16.245	.79127	178.98

#1	.00133	-.00553	.19833	-.00035	-.00077	.07476	.29773	-.00000
#2	.00259	-.00483	.19579	.00405	.00291	.09416	.29442	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	45.407	.00012	.01195	.01175	1.6357	1.3753	6.2743
Stddev	.00003	.151	.00060	.00002	.00034	.0043	.0008	.0428
%RSD	1.5379	.33262	498.34	.17326	2.8921	.26148	.05737	.68234

#1	.00171	45.300	-.00030	.01197	.01199	1.6387	1.3747	6.3046
#2	.00167	45.514	.00055	.01194	.01151	1.6327	1.3758	6.2441

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01114	-.00079	306.66	.00037	.36080	1.0541	-.00009	-.00279
Stddev	.00070	.00043	2.84	.00009	.00131	.0108	.00044	.00089
%RSD	6.2558	54.459	.92560	25.538	.36285	1.0252	497.77	31.998

#1	.01065	-.00110	308.67	.00030	.36172	1.0618	-.00040	-.00342
#2	.01163	-.00049	304.66	.00044	.35987	1.0465	.00022	-.00216

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26768	.59349	-.00011	.00097	.00715	.0089	.14127	<.00000
Stddev	.00380	.00449	.00045	.00140	.00085	.0021	.00060	.57142
%RSD	1.4187	.75717	391.61	144.33	11.825	23.67	.42522	37.002

#1	.27036	.59031	.00020	.00195	.00775	.0104	.14169	-1.1403
#2	.26499	.59666	-.00043	-.00002	.00656	.0074	.14084	-1.9484

Sample Name: J6403-36 Acquired: 12/15/2018 2:39:55 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-A Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.8282
Stddev .4302
%RSD 15.210

#1 3.1324
#2 2.5241

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2507.6	54921.	3976.9	92.246	3255.3
Stddev	12.1	215.	.5	.077	11.3
%RSD	.48158	.39140	.01220	.08304	.34586

#1	2499.1	54769.	3977.3	92.300	3247.4
#2	2516.2	55073.	3976.6	92.192	3263.3

Sample Name: CCV16 Acquired: 12/15/2018 2:44:06 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7802 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7793	4.9786	4.9821	4.9628	5.2811	10.376	10.679
Stddev	.0014	.0086	.0108	.0138	.0013	.205	.186
%RSD	.02914	.17321	.21589	.27831	.02417	1.9714	1.7427

#1	4.7783	4.9725	4.9745	4.9530	5.2820	10.231	10.810
#2	4.7802	4.9847	4.9897	4.9725	5.2802	10.520	10.547

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26740	2.6074	F 27.708	1.0360	2.5095	1.2879	4.7394
Stddev	.00060	.0051	.083	.0013	.0035	.0024	.0004
%RSD	.22538	.19717	.29898	.12943	.14123	.18520	.00909

#1	.26697	2.6038	27.766	1.0350	2.5070	1.2896	4.7391
#2	.26783	2.6111	27.649	1.0369	2.5120	1.2862	4.7397

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.7564	F 27.921	2.4477	1.1744	26.104	2.6753	2.5291
Stddev	.0067	.012	.0061	.0073	.474	.0056	.0249
%RSD	.24296	.04178	.24941	.62294	1.8155	.21090	.98545

#1	2.7516	27.913	2.4434	1.1692	26.439	2.6713	2.5467
#2	2.7611	27.930	2.4520	1.1796	25.769	2.6793	2.5115

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.169	5.2367	5.2326	F 4.3580	4.8415	4.6309	5.1222
Stddev	.469	.0024	.0319	.0021	.1035	.0069	.0208
%RSD	1.9401	.04510	.60971	.04811	2.1371	.14871	.40643

#1	24.501	5.2350	5.2552	4.3565	4.9147	4.6260	5.1369
#2	23.838	5.2384	5.2100	4.3595	4.7683	4.6358	5.1075

Sample Name: CCV16 Acquired: 12/15/2018 2:44:06 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7802 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.1589	4.760	5.2567	F<.00000	F 3.1652
Stddev	.0901	.011	.0835	.18582	.9286
%RSD	1.7467	.2244	1.5881	10.921	29.338

#1	5.2227	4.753	5.3158	-1.8330	3.8218
#2	5.0952	4.768	5.1977	-1.5702	2.5086

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2562.2	56465.	4009.8	92.328	3312.9
Stddev	5.7	332.	81.6	1.092	3.0
%RSD	.22354	.58759	2.0342	1.1830	.08917

#1	2558.2	56699.	3952.1	91.555	3310.9
#2	2566.3	56230.	4067.5	93.100	3315.0

Sample Name: CCB16 Acquired: 12/15/2018 2:47:54 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14352 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	-.00106	.00116	.00010	.00230	-.00191	-.00057
Stddev	.00007	.00092	.00144	.00051	.00129	.00777	.00083
%RSD	12.237	86.407	124.33	517.82	55.830	407.06	145.38

#1	.00060	-.00041	.00218	-.00026	.00321	-.00740	.00002
#2	.00051	-.00171	.00014	.00046	.00139	.00359	-.00116

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00000	.02378	.00084	-.00004	.00035	-.00259
Stddev	.00005	.00000	.00591	.00004	.00002	.00006	.00146
%RSD	141.25	370.93	24.854	4.5068	59.221	17.640	56.506

#1	-.00000	-.00000	.02796	.00082	-.00006	.00039	-.00362
#2	-.00007	.00000	.01960	.00087	-.00002	.00031	-.00155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.01171	.00013	-.00017	.11195	-.00056	.00006
Stddev	.00003	.00320	.00014	.00055	.00366	.00023	.00011
%RSD	13.913	27.303	108.57	319.62	3.2668	40.378	182.45

#1	.00020	.00945	.00003	.00022	.11453	-.00072	.00014
#2	.00025	.01397	.00023	-.00056	.10936	-.00040	-.00002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05478	.00050	-.00248	F .00558	-.00417	-.00037	.00140
Stddev	.00795	.00002	.00294	.00047	.00039	.00050	.00015
%RSD	14.517	4.8480	118.55	8.4264	9.2604	133.68	10.400

#1	.06040	.00048	-.00040	.00525	-.00390	-.00002	.00150
#2	.04916	.00051	-.00455	.00591	-.00445	-.00073	.00130

Sample Name: CCB16 Acquired: 12/15/2018 2:47:54 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14352 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00240	F .0054	.00012	F<.00000	F .44010
Stddev	.00009	.0005	.00002	.31931	.19967
%RSD	3.5673	8.610	19.292	7.9849	45.370

#1	.00234	.0057	.00013	-3.7731	.58130
#2	.00246	.0051	.00010	-4.2246	.29891

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2693.5	59247.	4025.6	95.954	3796.4
Stddev	12.6	10.	8.8	1.208	14.9
%RSD	.46731	.01705	.21797	1.2589	.39194

#1	2684.6	59240.	4031.8	96.808	3785.8
#2	2702.4	59254.	4019.4	95.100	3806.9

Sample Name: J6403-40 Acquired: 12/15/2018 2:52:01 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	-.00386	.14972	.00420	.00193	.07600	.22649	.00004
Stddev	.00063	.00030	.00014	.00245	.00270	.00632	.00046	.00002
%RSD	45.856	7.6534	.09346	58.348	139.53	8.3101	.20117	45.288

#1	.00093	-.00407	.14962	.00246	.00384	.08047	.22682	.00003
#2	.00182	-.00365	.14982	.00593	.00003	.07154	.22617	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00118	34.364	.00010	.00824	.00967	1.1777	.99191	5.6721
Stddev	.00013	.332	.00092	.00002	.00032	.0017	.00378	.0345
%RSD	10.736	.96734	913.98	.25540	3.2850	.14175	.38063	.60881

#1	.00109	34.129	.00075	.00826	.00945	1.1789	.98924	5.6477
#2	.00126	34.599	-.00055	.00823	.00990	1.1765	.99458	5.6965

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00833	-.00031	246.27	.00008	.25632	.72221	.00013	-.01148
Stddev	.00040	.00011	1.98	.00034	.00128	.00766	.00019	.00484
%RSD	4.8091	36.094	.80311	431.93	.50027	1.0607	143.33	42.193

#1	.00805	-.00023	244.87	-.00016	.25723	.71680	-.00000	-.01491
#2	.00861	-.00038	247.67	.00032	.25541	.72763	.00027	-.00805

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20833	.42976	.00033	.00070	.00385	.0086	.10292	<.00000
Stddev	.00167	.00322	.00054	.00033	.00055	.0004	.00055	.24554
%RSD	.80278	.74991	166.00	47.794	14.211	5.026	.53148	25.469

#1	.20951	.43204	-.00006	.00093	.00347	.0083	.10254	-1.1377
#2	.20715	.42749	.00071	.00046	.00424	.0089	.10331	-.79044

Sample Name: J6403-40 Acquired: 12/15/2018 2:52:01 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-B Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5813
Stddev .3969
%RSD 15.377

#1 2.3006
#2 2.8619

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2474.2	54145.	3927.1	92.867	3230.7
Stddev	10.9	156.	19.0	.448	5.5
%RSD	.44018	.28889	.48288	.48223	.17084

#1	2466.5	54255.	3913.7	92.550	3226.8
#2	2481.9	54034.	3940.5	93.183	3234.6

Sample Name: J6403-44 Acquired: 12/15/2018 2:56:12 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00128	-.00417	.01510	.00141	.00050	.19791	.14135	.00009
Stddev	.00046	.00034	.00039	.00080	.00206	.00997	.00042	.00002
%RSD	35.617	8.0937	2.5714	56.722	414.08	5.0354	.29980	18.011

#1	-.00161	-.00394	.01537	.00198	.00196	.19086	.14165	.00008
#2	-.00096	-.00441	.01482	.00085	-.00096	.20495	.14105	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	45.424	.00199	.00401	.00721	.45807	.35096	2.1205
Stddev	.00005	.075	.00035	.00004	.00029	.02321	.00044	.0035
%RSD	35.806	.16619	17.434	1.1052	3.9605	5.0671	.12491	.16650

#1	.00019	45.370	.00223	.00397	.00700	.47449	.35127	2.1230
#2	.00011	45.477	.00174	.00404	.00741	.44166	.35065	2.1180

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00448	-.00060	323.95	.00062	.04954	3.6109	.00008	.00327
Stddev	.00034	.00013	6.37	.00015	.00219	.0037	.00002	.01445
%RSD	7.5837	21.028	1.9666	23.512	4.4109	.10120	21.399	441.37

#1	.00424	-.00068	328.45	.00072	.05108	3.6083	.00010	.01349
#2	.00472	-.00051	319.44	.00052	.04799	3.6135	.00007	-.00695

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59257	1.4549	-.00036	.00250	.00892	.0112	.11186	<.00000
Stddev	.00035	.0090	.00072	.00049	.00249	.0025	.00012	.25027
%RSD	.05923	.62017	200.78	19.740	27.852	22.26	.10834	28.292

#1	.59232	1.4485	.00015	.00285	.00717	.0129	.11195	-.70764
#2	.59282	1.4612	-.00087	.00215	.01068	.0094	.11178	-1.0616

Sample Name: J6403-44 Acquired: 12/15/2018 2:56:12 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-6-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8776
 Stddev .8876
 %RSD 30.846

#1 3.5053
 #2 2.2500

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2445.9	53343.	3893.6	91.421	3170.4
Stddev	3.5	86.	7.4	3.860	.1
%RSD	.14122	.16215	.18995	4.2218	.00337

#1	2448.4	53405.	3888.3	88.692	3170.5
#2	2443.5	53282.	3898.8	94.150	3170.4

Sample Name: J6403-48 Acquired: 12/15/2018 3:00:23 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00304	-.00499	.01449	.00442	.00110	.16116	.13171	.00003
Stddev	.00215	.00065	.00012	.00324	.00201	.01089	.00020	.00003
%RSD	70.845	12.953	.79872	73.302	182.88	6.7550	.15185	91.363

#1	-.00456	-.00545	.01441	.00213	.00252	.15346	.13185	.00001
#2	-.00152	-.00454	.01458	.00671	-.00032	.16886	.13157	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	47.985	.00213	.00410	.00489	.45420	.37159	1.7108
Stddev	.00006	.077	.00059	.00011	.00087	.00017	.00172	.0418
%RSD	44.492	.16032	27.722	2.7030	17.758	.03673	.46256	2.4438

#1	.00009	47.931	.00255	.00402	.00551	.45432	.37038	1.6812
#2	.00018	48.039	.00172	.00418	.00428	.45408	.37281	1.7403

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00407	-.00027	290.37	.00077	.04929	3.4885	.00006	-.00096
Stddev	.00055	.00008	3.57	.00026	.00070	.0344	.00032	.00534
%RSD	13.585	30.904	1.2299	34.206	1.4203	.98726	544.40	554.33

#1	.00446	-.00033	287.84	.00058	.04979	3.5128	-.00017	-.00474
#2	.00368	-.00021	292.89	.00095	.04880	3.4641	.00028	.00281

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63186	1.4341	-.00005	-.00006	.01073	.0114	.12062	<.00000
Stddev	.00259	.0068	.00014	.00079	.00032	.0009	.00057	.11221
%RSD	.40973	.47726	280.55	1407.3	2.9982	7.870	.47040	16.187

#1	.63369	1.4389	-.00015	.00050	.01050	.0121	.12102	-.77254
#2	.63003	1.4293	.00005	-.00062	.01096	.0108	.12022	-.61385

Sample Name: J6403-48 Acquired: 12/15/2018 3:00:23 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-6-B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8303
 Stddev .1631
 %RSD 5.7636

#1 2.9457
 #2 2.7150

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2448.2	53448.	3882.8	90.900	3186.6
Stddev	3.6	205.	4.5	.943	5.9
%RSD	.14718	.38438	.11523	1.0372	.18381

#1	2450.7	53593.	3879.6	90.233	3190.7
#2	2445.6	53303.	3885.9	91.567	3182.5

Sample Name: J6403-52 Acquired: 12/15/2018 3:04:34 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.00505	.01699	.00008	-.00039	.11341	.15138	.00008
Stddev	.00112	.00019	.00072	.00060	.00193	.00464	.00178	.00001
%RSD	384.98	3.7533	4.2211	741.00	491.54	4.0891	1.1761	13.785

#1	-.00108	-.00492	.01750	-.00034	-.00176	.11013	.15012	.00007
#2	.00050	-.00518	.01649	.00051	.00097	.11669	.15264	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	39.640	.00152	.00327	.00485	.15061	.32367	1.6396
Stddev	.00003	.275	.00011	.00005	.00015	.00467	.00009	.0432
%RSD	9.3273	.69363	7.0876	1.3959	3.0696	3.1022	.02755	2.6353

#1	.00034	39.445	.00159	.00330	.00475	.14730	.32373	1.6091
#2	.00029	39.834	.00144	.00324	.00496	.15391	.32361	1.6702

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00329	-.00048	278.54	.00059	.07477	3.1325	-.00015	-.00362
Stddev	.00043	.00001	1.28	.00023	.00048	.0257	.00003	.00562
%RSD	13.048	2.3393	.46115	37.935	.64550	.81985	20.904	155.16

#1	.00299	-.00049	277.63	.00044	.07511	3.1143	-.00017	.00035
#2	.00360	-.00047	279.45	.00075	.07443	3.1506	-.00013	-.00760

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50065	.53575	.00058	-.00031	.01041	.0146	.12136	<.00000
Stddev	.00080	.00452	.00005	.00069	.00022	.0000	.00043	.04623
%RSD	.15972	.84390	7.8930	224.18	2.0656	.0255	.35718	6.3023

#1	.50008	.53255	.00055	.00018	.01056	.0146	.12105	-.76620
#2	.50121	.53895	.00062	-.00079	.01026	.0146	.12166	-.70083

Sample Name: J6403-52 Acquired: 12/15/2018 3:04:34 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7-A Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.4489
Stddev .5671
%RSD 23.158

#1 2.0479
#2 2.8499

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2449.0	53527.	3893.9	90.921	3200.0
Stddev	2.9	73.	8.8	.489	2.6
%RSD	.11670	.13627	.22534	.53792	.08008

#1	2451.0	53475.	3900.1	90.575	3201.8
#2	2447.0	53578.	3887.7	91.267	3198.2

Sample Name: J6403-56 Acquired: 12/15/2018 3:08:44 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00302	-.00619	.01709	.00107	.00052	.08747	.17017	.00001
Stddev	.00056	.00196	.00009	.00354	.00054	.00852	.00100	.00004
%RSD	18.571	31.634	.53581	330.04	104.47	9.7446	.58639	329.79

#1	-.00262	-.00757	.01702	.00358	.00090	.08144	.16946	-.00002
#2	-.00341	-.00480	.01715	-.00143	.00013	.09349	.17088	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	81.860	.00080	.00490	.01224	.11834	.60009	2.4693
Stddev	.00007	.219	.00033	.00013	.00057	.00402	.00008	.0599
%RSD	16.943	.26718	41.160	2.7501	4.6748	3.3932	.01282	2.4268

#1	.00048	82.015	.00103	.00500	.01265	.11550	.60004	2.5116
#2	.00038	81.705	.00057	.00481	.01184	.12118	.60015	2.4269

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00547	-.00047	308.90	.00088	.08422	4.3657	.00017	-.00300
Stddev	.00013	.00036	.75	.00013	.00052	.0331	.00001	.00365
%RSD	2.2940	77.779	.24186	14.872	.62259	.75712	6.0747	121.41

#1	.00556	-.00072	308.37	.00079	.08385	4.3891	.00018	-.00042
#2	.00538	-.00021	309.42	.00098	.08459	4.3424	.00017	-.00558

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98762	.90517	.00018	-.00075	.01111	.0124	.21695	<.00000
Stddev	.00552	.00401	.00006	.00359	.00065	.0004	.00009	.06586
%RSD	.55906	.44326	33.597	476.04	5.8469	3.234	.04334	7.1889

#1	.99153	.90801	.00014	.00178	.01065	.0122	.21702	-.96268
#2	.98372	.90233	.00022	-.00329	.01157	.0127	.21689	-.86954

Sample Name: J6403-56 Acquired: 12/15/2018 3:08:44 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-7-B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4971
 Stddev .7084
 %RSD 28.368

#1 1.9962
 #2 2.9980

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2440.8	53685.	3953.4	90.968	3176.8
Stddev	10.9	81.	31.1	.370	11.4
%RSD	.44725	.15063	.78735	.40663	.35927

#1	2433.1	53627.	3931.3	91.229	3168.8
#2	2448.5	53742.	3975.4	90.706	3184.9

Sample Name: J6403-60 Acquired: 12/15/2018 3:12:54 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00268	-.00531	.12247	-.00054	.00012	.05028	.29332	-.00005
Stddev	.00051	.00145	.00014	.00123	.00065	.00645	.00070	.00010
%RSD	19.203	27.325	.11386	227.75	552.91	12.834	.23726	209.32

#1	-.00304	-.00429	.12256	.00033	-.00034	.05484	.29283	-.00012
#2	-.00232	-.00634	.12237	-.00141	.00058	.04572	.29382	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	93.279	.00014	.00748	.00743	.06031	1.0758	1.8408
Stddev	.00005	.327	.00053	.00006	.00034	.01338	.0007	.0788
%RSD	2.9347	.35106	381.04	.79788	4.5753	22.181	.06369	4.2818

#1	.00154	93.510	.00051	.00744	.00719	.05085	1.0753	1.8966
#2	.00161	93.047	-.00024	.00752	.00767	.06977	1.0763	1.7851

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00443	-.00091	288.49	.00009	.11989	1.4777	-.00008	.02774
Stddev	.00023	.00077	2.49	.00015	.00278	.0022	.00000	.00853
%RSD	5.2084	84.715	.86247	157.74	2.3187	.14530	.61853	30.764

#1	.00460	-.00145	290.25	.00020	.11792	1.4762	-.00008	.03377
#2	.00427	-.00036	286.73	-.00001	.12185	1.4792	-.00008	.02170

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37250	.54906	-.00044	.00037	.00869	.0087	.21809	<.00000
Stddev	.00113	.00388	.00065	.00102	.00042	.0024	.00098	.21300
%RSD	.30307	.70693	146.14	279.91	4.8459	27.18	.44916	23.367

#1	.37170	.55181	-.00090	.00109	.00899	.0070	.21740	-.76090
#2	.37330	.54632	.00001	-.00036	.00839	.0104	.21879	-1.0621

Sample Name: J6403-60 Acquired: 12/15/2018 3:12:54 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.1509
 Stddev .0676
 %RSD 2.1448

#1 3.1031
 #2 3.1987

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.0	53670.	3948.8	91.330	3200.7
Stddev	2.9	49.	31.0	1.744	.4
%RSD	.11899	.09111	.78439	1.9098	.01262

#1	2456.0	53636.	3926.9	92.563	3200.4
#2	2460.1	53705.	3970.7	90.096	3201.0

Sample Name: J6403-64 Acquired: 12/15/2018 3:17:05 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	-.00646	.08277	.00027	-.00069	.04900	.21797	-.00010
Stddev	.00042	.00155	.00070	.00384	.00200	.00221	.00089	.00003
%RSD	120.43	23.992	.84205	1420.9	290.25	4.5116	.40858	32.300

#1	.00064	-.00537	.08227	.00299	.00073	.05057	.21860	-.00008
#2	.00005	-.00756	.08326	-.00245	-.00211	.04744	.21734	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	78.911	.00063	.00583	.00862	.00821	.94559	2.0059
Stddev	.00001	.378	.00057	.00002	.00014	.00122	.00074	.0437
%RSD	.57377	.47875	91.341	.33282	1.6806	14.907	.07780	2.1768

#1	.00144	79.179	.00022	.00584	.00873	.00735	.94611	2.0368
#2	.00145	78.644	.00103	.00581	.00852	.00908	.94507	1.9751

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00415	-.00031	321.64	-.00031	.08362	1.5751	.00013	.01806
Stddev	.00075	.00012	.66	.00053	.00052	.0014	.00023	.01048
%RSD	17.951	40.059	.20496	171.94	.62207	.08544	180.36	58.046

#1	.00363	-.00022	321.17	.00007	.08399	1.5760	-.00004	.01065
#2	.00468	-.00040	322.10	-.00069	.08325	1.5741	.00029	.02547

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12795	.51496	.00055	.00090	.00791	.0113	.17645	<.00000
Stddev	.00052	.00794	.00008	.00108	.00148	.0008	.00056	.04139
%RSD	.40330	1.5425	13.821	118.89	18.663	7.496	.31768	12.173

#1	.12831	.52058	.00060	.00014	.00687	.0107	.17684	-.36931
#2	.12758	.50934	.00050	.00166	.00895	.0119	.17605	-.31078

Sample Name: J6403-64 Acquired: 12/15/2018 3:17:05 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8-B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5014
 Stddev .1972
 %RSD 7.8826

#1 2.3620
 #2 2.6409

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2423.1	52710.	3874.3	90.592	3140.7
Stddev	2.3	72.	23.4	.380	7.3
%RSD	.09478	.13670	.60517	.41927	.23126

#1	2424.7	52659.	3857.7	90.324	3145.9
#2	2421.5	52761.	3890.9	90.861	3135.6

Sample Name: J6330-01 Acquired: 12/15/2018 3:21:15 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00130	-.00153	.00393	.00019	-.00040	.05167	.00372	-.00005
Stddev	.00214	.00023	.00016	.00054	.00064	.00147	.00006	.00003
%RSD	164.51	14.953	3.9943	284.53	157.90	2.8383	1.6854	54.038

#1	.00021	-.00170	.00382	.00058	.00005	.05270	.00376	-.00007
#2	-.00282	-.00137	.00404	-.00019	-.00086	.05063	.00367	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	1.2668	.00173	.00004	.00282	.20747	.00253	.64444
Stddev	.00004	.0219	.00034	.00000	.00000	.00796	.00002	.00237
%RSD	103.81	1.7303	19.555	4.2669	.08567	3.8367	.60411	.36785

#1	.00006	1.2513	.00149	.00005	.00282	.21310	.00254	.64276
#2	.00001	1.2823	.00197	.00004	.00282	.20184	.00251	.64611

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00200	-.00046	.45504	-.00034	.11454	.08771	.00002	-.01233
Stddev	.00005	.00013	.01658	.00046	.00061	.00596	.00007	.00104
%RSD	2.3352	27.600	3.6436	134.60	.52873	6.7947	298.12	8.4236

#1	.00203	-.00037	.46676	-.00066	.11411	.09193	.00008	-.01160
#2	.00196	-.00055	.44332	-.00002	.11497	.08350	-.00003	-.01307

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07418	.08629	-.00098	.00137	-.00515	.0108	.00194	<.00000
Stddev	.00025	.00057	.00009	.00054	.00058	.0008	.00008	.12446
%RSD	.33734	.65572	9.1648	39.698	11.214	7.778	3.8874	1.8569

#1	.07400	.08669	-.00104	.00176	-.00475	.0114	.00199	-6.7905
#2	.07436	.08589	-.00092	.00099	-.00556	.0102	.00189	-6.6145

Sample Name: J6330-01 Acquired: 12/15/2018 3:21:15 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .20226
Stddev .74984
%RSD 370.73

#1 -.32796
#2 .73248

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2826.2	63667.	4368.4	105.76	4037.8
Stddev	3.5	126.	4.7	.04	8.2
%RSD	.12380	.19778	.10853	.03900	.20356

#1	2828.7	63578.	4371.8	105.79	4043.6
#2	2823.7	63756.	4365.1	105.73	4032.0

Sample Name: J6330-01DUP Acquired: 12/15/2018 3:25:21 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.00228	-.00107	.00332	-.00094	.00098	.05353	.00484	-.00002
Stddev	.00069	.00156	.00089	.00048	.00021	.01383	.00009	.00002
%RSD	30.121	145.61	26.744	51.261	21.954	25.838	1.8459	76.500

#1	-.00180	.00003	.00394	-.00128	.00083	.06331	.00478	-.00003
#2	-.00277	-.00218	.00269	-.00060	.00113	.04375	.00491	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	1.2792	.00182	.00009	.00281	.19839	.00246	.62684
Stddev	.00007	.0200	.00010	.00016	.00009	.01856	.00005	.03731
%RSD	66.398	1.5668	5.4292	182.50	3.2409	9.3569	2.0775	5.9513

#1	.00016	1.2933	.00189	-.00003	.00288	.18526	.00243	.65322
#2	.00006	1.2650	.00175	.00020	.00275	.21151	.00250	.60046

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00185	-.00060	.38441	.00007	.11267	.09212	.00021	-.00953
Stddev	.00010	.00031	.00909	.00059	.00186	.00581	.00005	.00067
%RSD	5.5219	51.732	2.3643	790.40	1.6538	6.3068	24.883	6.9828

#1	.00192	-.00082	.39084	.00049	.11135	.08801	.00024	-.00906
#2	.00177	-.00038	.37798	-.00034	.11399	.09623	.00017	-.01000

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07585	.08596	-.00081	.00182	-.00462	.0110	.00198	<.00000
Stddev	.00133	.00017	.00018	.00133	.00016	.0015	.00006	.13549
%RSD	1.7501	.19608	22.617	73.001	3.4158	13.88	3.1360	2.3402

#1	.07679	.08608	-.00094	.00276	-.00473	.0120	.00193	-5.8853
#2	.07491	.08584	-.00068	.00088	-.00450	.0099	.00202	-5.6937

Sample Name: J6330-01DUP Acquired: 12/15/2018 3:25:21 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.11446
Stddev	.23193
%RSD	202.63

#1	-.04954
#2	.27846

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2806.0	62872.	4239.6	106.31	4020.7
Stddev	1.0	191.	25.3	1.70	4.6
%RSD	.03526	.30325	.59671	1.5964	.11560

#1	2806.7	63007.	4221.8	107.51	4024.0
#2	2805.3	62738.	4257.5	105.11	4017.4

Sample Name: J6330-01LX5 Acquired: 12/15/2018 3:29:28 Type: Unk

Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000

User: Bin He 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	-.00047	-.00165	.00098	-.00268	-.00061	.01318	.00017	-.00004
Stddev	.00193	.00092	.00016	.00257	.00079	.00138	.00066	.00002
%RSD	407.77	55.604	16.312	95.709	129.95	10.450	393.22	39.013

#1	-.00184	-.00100	.00109	-.00450	-.00117	.01221	-.00030	-.00005
#2	.00089	-.00230	.00087	-.00087	-.00005	.01415	.00064	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.27130	.00073	-.00010	.00069	.04057	.00103	.13707
Stddev	.00000	.00663	.00009	.00011	.00012	.00237	.00001	.00109
%RSD	12.927	2.4436	11.760	108.65	16.792	5.8364	.51659	.79370

#1	.00003	.27598	.00067	-.00002	.00078	.04225	.00102	.13630
#2	.00004	.26661	.00080	-.00018	.00061	.03890	.00103	.13784

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	-.00038	.15012	-.00000	.02447	.02916	-.00014	-.01246
Stddev	.00035	.00036	.00327	.00034	.00041	.02578	.00001	.00048
%RSD	118.89	96.107	2.1760	7962.4	1.6875	88.416	4.1264	3.8493

#1	.00054	-.00012	.14781	.00024	.02477	.01093	-.00013	-.01212
#2	.00005	-.00064	.15243	-.00024	.02418	.04739	-.00014	-.01280

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02202	.01589	-.00120	.00050	-.00041	.0066	.00046	<.00000
Stddev	.00203	.00211	.00010	.00066	.00039	.0018	.00012	.00295
%RSD	9.2082	13.295	8.6934	132.28	96.477	28.16	25.160	.06739

#1	.02059	.01739	-.00112	.00003	-.00013	.0079	.00054	-4.3733
#2	.02346	.01440	-.00127	.00096	-.00069	.0053	.00038	-4.3691

Sample Name: J6330-01LX5 Acquired: 12/15/2018 3:29:28 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .15202
Stddev .17882
%RSD 117.63

#1 .02558
#2 .27846

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2698.0	59650.	4026.0	98.117	3793.6
Stddev	7.4	112.	16.6	1.768	15.0
%RSD	.27477	.18858	.41234	1.8017	.39603

#1	2692.8	59570.	4014.3	96.867	3783.0
#2	2703.2	59730.	4037.7	99.367	3804.3

Sample Name: CCV17 Acquired: 12/15/2018 3:33:37 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7967	4.9970	4.9916	5.0033	5.3373	10.445	10.817
Stddev	.0297	.0051	.0067	.0082	.0243	.016	.025
%RSD	.61926	.10288	.13399	.16425	.45549	.15645	.22853

#1	4.8177	5.0006	4.9869	5.0092	5.3545	10.457	10.800
#2	4.7757	4.9933	4.9963	4.9975	5.3201	10.434	10.835

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27066	2.6229	F 27.919	1.0393	2.5198	1.2989	4.7925
Stddev	.00066	.0029	.068	.0030	.0013	.0020	.0315
%RSD	.24254	.11238	.24405	.29045	.05065	.15662	.65736

#1	.27112	2.6208	27.871	1.0372	2.5189	1.3003	4.8148
#2	.27020	2.6249	27.967	1.0414	2.5207	1.2975	4.7703

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.7819	F 27.887	2.4578	1.1808	26.397	2.6988	2.5747
Stddev	.0008	.013	.0006	.0045	.123	.0016	.0031
%RSD	.03071	.04688	.02351	.38052	.46674	.05840	.11910

#1	2.7825	27.896	2.4574	1.1776	26.310	2.6977	2.5768
#2	2.7813	27.878	2.4582	1.1840	26.484	2.6999	2.5725

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.295	5.2711	5.2876	F 4.3398	4.8530	4.6078	5.1660
Stddev	.033	.0090	.0216	.0091	.0173	.0053	.0271
%RSD	.13767	.17018	.40953	.21061	.35739	.11415	.52492

#1	24.272	5.2774	5.2722	4.3333	4.8407	4.6041	5.1468
#2	24.319	5.2647	5.3029	4.3463	4.8653	4.6115	5.1852

Sample Name: CCV17 Acquired: 12/15/2018 3:33:37 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.2289	4.794	5.3337	F<.00000	F 3.0212
Stddev	.0248	.014	.0174	.05248	.4289
%RSD	.47405	.2862	.32692	4.1858	14.196

#1	5.2114	4.784	5.3214	-1.2908	3.3245
#2	5.2464	4.803	5.3460	-1.2166	2.7179

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2521.8	55332.	3935.5	89.853	3271.8
Stddev	11.1	6.	6.5	.265	1.4
%RSD	.44172	.01020	.16419	.29447	.04214

#1	2513.9	55328.	3940.1	89.666	3270.8
#2	2529.7	55336.	3930.9	90.040	3272.8

Sample Name: CCB17 Acquired: 12/15/2018 3:37:24 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	-.00080	.00022	.00023	.00055	.00729	-.00018
Stddev	.00028	.00238	.00031	.00016	.00082	.01381	.00038
%RSD	62.319	299.72	138.98	66.768	147.59	189.46	219.07

#1	.00025	-.00248	.00044	.00012	.00113	.01705	.00010
#2	.00064	.00089	.00000	.00034	-.00002	-.00248	-.00045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00002	.00923	.00023	-.00005	-.00028	.00342
Stddev	.00006	.00005	.00525	.00038	.00027	.00034	.00751
%RSD	132.03	215.48	56.886	166.96	483.76	119.27	219.37

#1	.00009	.00001	.01294	-.00004	-.00024	-.00004	.00873
#2	.00000	-.00006	.00551	.00050	.00013	-.00052	-.00189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.02849	.00041	-.00050	.05431	.00022	-.00012
Stddev	.00003	.03464	.00052	.00003	.00307	.00033	.00010
%RSD	9.6663	121.58	125.03	5.5915	5.6584	149.93	81.084

#1	.00024	.00400	.00078	-.00052	.05214	.00046	-.00005
#2	.00028	.05298	.00005	-.00048	.05649	-.00001	-.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02671	.00055	-.00771	.00139	-.00315	-.00052	.00023
Stddev	.04091	.00041	.00614	.00036	.00048	.00016	.00069
%RSD	153.14	74.899	79.593	26.081	15.258	30.669	302.58

#1	-.00221	.00084	-.01205	.00164	-.00281	-.00064	-.00026
#2	.05564	.00026	-.00337	.00113	-.00349	-.00041	.00072

Sample Name: CCB17 Acquired: 12/15/2018 3:37:24 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	F .0071	.00008	F<.00000	F<.00000
Stddev	.00113	.0003	.00000	.00587	1.4514
%RSD	318.44	4.875	2.2524	.14249	284.13

#1	-.00115	.0073	.00007	-4.1158	.51548
#2	.00044	.0068	.00008	-4.1241	-1.5372

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2673.5	59217.	4011.8	96.808	3798.5
Stddev	8.1	38.	18.8	.766	17.9
%RSD	.30130	.06344	.46788	.79129	.46999

#1	2679.2	59190.	3998.6	96.267	3785.9
#2	2667.8	59243.	4025.1	97.350	3811.1

Sample Name: J6330-01MS Acquired: 12/15/2018 3:41:32 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69246	1.8459	.90450	1.7988	.77378	2.0391	.21550
Stddev	.00810	.0074	.00249	.0068	.00170	.0202	.00089
%RSD	1.1693	.40079	.27502	.37947	.21926	.99141	.41306

#1	.68673	1.8407	.90274	1.7940	.77258	2.0248	.21613
#2	.69818	1.8511	.90626	1.8036	.77498	2.0534	.21487

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20058	.18516	2.3805	.39964	.18645	.31771	2.8059
Stddev	.00040	.00029	.0172	.00057	.00020	.00048	.0452
%RSD	.19762	.15730	.72311	.14314	.10926	.14967	1.6118

#1	.20086	.18537	2.3683	.40005	.18659	.31737	2.7739
#2	.20030	.18496	2.3927	.39924	.18630	.31805	2.8379

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21949	2.8472	.46280	.06466	3.3862	.30788	.31662
Stddev	.00021	.0539	.00020	.00018	.0069	.00188	.00169
%RSD	.09708	1.8917	.04404	.28387	.20233	.61118	.53432

#1	.21964	2.8853	.46266	.06479	3.3911	.30921	.31542
#2	.21934	2.8091	.46295	.06453	3.3814	.30655	.31781

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3673	.38252	.29492	.06921	.91357	.54984	.18461
Stddev	.0213	.00103	.01359	.00056	.00230	.00065	.00041
%RSD	.22775	.27009	4.6073	.80674	.25196	.11821	.22022

#1	9.3824	.38179	.30453	.06881	.91520	.54938	.18490
#2	9.3522	.38325	.28532	.06960	.91194	.55030	.18432

Sample Name: J6330-01MS Acquired: 12/15/2018 3:41:32 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19159	4.626	.19898	<.00000	F<.00000
Stddev	.00278	.008	.00002	.07331	1.0400
%RSD	1.4523	.1677	.00887	1.3084	74.119

#1	.19356	4.620	.19897	-5.5510	-2.1386
#2	.18962	4.631	.19899	-5.6547	-.66778

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.1	62161.	4289.4	106.14	3905.9
Stddev	8.5	167.	37.9	.44	.9
%RSD	.30412	.26819	.88352	.41082	.02292

#1	2796.1	62279.	4262.6	106.45	3906.6
#2	2784.1	62043.	4316.2	105.83	3905.3

Sample Name: J6330-01MSD Acquired: 12/15/2018 3:45:25 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69442	1.8372	.90415	1.8117	.77508	2.0211	.21556
Stddev	.00129	.0029	.00079	.0039	.00199	.0110	.00083
%RSD	.18627	.15653	.08751	.21547	.25691	.54289	.38695

#1	.69534	1.8352	.90471	1.8090	.77367	2.0134	.21615
#2	.69351	1.8393	.90359	1.8145	.77649	2.0289	.21497

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20041	.18452	2.3733	.40068	.18554	.31769	2.8134
Stddev	.00055	.00031	.0140	.00269	.00049	.00001	.0432
%RSD	.27404	.16840	.58850	.67139	.26440	.00274	1.5348

#1	.20080	.18430	2.3832	.40258	.18520	.31770	2.7829
#2	.20002	.18474	2.3634	.39878	.18589	.31768	2.8440

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21938	2.8254	.46311	.06450	3.3332	.30724	.32110
Stddev	.00084	.0129	.00130	.00013	.0350	.00059	.00582
%RSD	.38316	.45571	.28171	.20582	1.0514	.19348	1.8127

#1	.21998	2.8345	.46219	.06460	3.3579	.30682	.31699
#2	.21879	2.8163	.46403	.06441	3.3084	.30766	.32522

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3403	.38306	.28919	.07041	.91816	.54560	.18393
Stddev	.0665	.00108	.00193	.00079	.00929	.00211	.00339
%RSD	.71245	.28191	.66895	1.1253	1.0114	.38690	1.8437

#1	9.3873	.38230	.28783	.06985	.92472	.54710	.18633
#2	9.2932	.38383	.29056	.07097	.91159	.54411	.18153

Sample Name: J6330-01MSD Acquired: 12/15/2018 3:45:25 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19188	4.612	.19863	<.00000	F<.00000
Stddev	.00005	.002	.00013	.43101	.21020
%RSD	.02772	.0388	.06707	7.8642	9.7345

#1	.19192	4.613	.19873	-5.1759	-2.3080
#2	.19184	4.610	.19854	-5.7854	-2.0107

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2781.2	62130.	4261.7	104.44	3913.3
Stddev	.0	104.	13.3	1.76	2.1
%RSD	.00091	.16687	.31193	1.6813	.05314

#1	2781.2	62056.	4252.3	105.68	3911.8
#2	2781.2	62203.	4271.1	103.20	3914.8

Sample Name: J6330-01A Acquired: 12/15/2018 3:49:19 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69508	1.8347	.90083	1.8088	.77916	2.0328	.21590
Stddev	.00540	.0066	.00283	.0049	.00332	.0028	.00236
%RSD	.77673	.36042	.31371	.27038	.42619	.13687	1.0917

#1	.69127	1.8300	.89883	1.8053	.77681	2.0348	.21423
#2	.69890	1.8394	.90283	1.8123	.78151	2.0309	.21756

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20053	.18440	2.4081	.39858	.18541	.31890	2.8257
Stddev	.00075	.00063	.0234	.00052	.00061	.00103	.0805
%RSD	.37308	.34090	.97036	.13121	.32856	.32351	2.8479

#1	.20000	.18395	2.3915	.39821	.18498	.31817	2.8826
#2	.20106	.18484	2.4246	.39895	.18584	.31963	2.7688

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21914	2.8062	.46060	.06436	3.3542	.30677	.32357
Stddev	.00023	.0559	.00265	.00047	.0294	.00032	.00432
%RSD	.10294	1.9909	.57428	.72581	.87692	.10587	1.3361

#1	.21930	2.7667	.45873	.06403	3.3334	.30654	.32663
#2	.21898	2.8457	.46247	.06469	3.3750	.30700	.32051

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4090	.38346	.28956	.06785	.91641	.54510	.18566
Stddev	.0908	.00153	.00348	.00255	.00388	.00530	.00090
%RSD	.96510	.40002	1.2007	3.7538	.42320	.97210	.48325

#1	9.3448	.38237	.28710	.06605	.91367	.54136	.18503
#2	9.4732	.38454	.29201	.06965	.91915	.54885	.18630

Sample Name: J6330-01A Acquired: 12/15/2018 3:49:19 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19311	4.592	.19976	<.00000	F<.00000
Stddev	.00165	.027	.00112	.42514	.92823
%RSD	.85636	.5917	.55988	7.7479	29.954

#1	.19194	4.572	.19897	-5.7878	-2.4425
#2	.19428	4.611	.20055	-5.1866	-3.7552

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2767.6	61907.	4228.1	103.23	3901.7
Stddev	4.7	200.	59.4	1.87	4.3
%RSD	.16836	.32358	1.4054	1.8151	.11111

#1	2764.3	62049.	4270.1	101.91	3904.8
#2	2770.9	61766.	4186.1	104.56	3898.6

Sample Name: J6356-02 Acquired: 12/15/2018 3:53:13 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.00534	-.00011	.00813	-.00122	.36086	.10628	-.00023
Stddev	.00294	.00093	.00025	.00164	.00111	.00698	.00142	.00007
%RSD	161.28	17.471	216.79	20.113	91.155	1.9334	1.3394	32.351
#1	.00026	-.00600	-.00029	.00698	-.00043	.35593	.10728	-.00018
#2	-.00390	-.00468	.00006	.00929	-.00200	.36579	.10527	-.00028
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	131.29	-.00852	.00378	.01489	17.660	14.729	32.865
Stddev	.00012	1.33	.00054	.00021	.00015	.088	.013	.571
%RSD	146.24	1.0132	6.3395	5.5392	1.0004	.49889	.08763	1.7386
#1	.00000	132.23	-.00890	.00392	.01500	17.722	14.720	33.269
#2	-.00017	130.35	-.00814	.00363	.01479	17.598	14.738	32.461
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00087	-.00026	293.05	.00171	.08624	26.125	.00916	.12954
Stddev	.00020	.00026	3.56	.00015	.00056	.344	.00018	.00938
%RSD	22.727	100.62	1.2164	8.7265	.64501	1.3170	1.9894	7.2436
#1	.00101	-.00045	295.57	.00161	.08664	26.369	.00929	.13617
#2	.00073	-.00008	290.53	.00182	.08585	25.882	.00904	.12290
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.410	F 10.147	-.00962	.02558	.01721	.0417	.76786	<.00000
Stddev	.065	.127	.00035	.00078	.00127	.0019	.00651	.05779
%RSD	.26659	1.2543	3.6601	3.0485	7.3962	4.592	.84773	3.5104
#1	24.364	10.237	-.00987	.02503	.01811	.0403	.77247	-1.6053
#2	24.456	10.057	-.00937	.02613	.01631	.0430	.76326	-1.6871

Sample Name: J6356-02 Acquired: 12/15/2018 3:53:13 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 8.5275
Stddev .3775
%RSD 4.4273

#1 8.7945
#2 8.2606

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2495.4	54941.	4094.6	94.832	3232.0
Stddev	12.4	178.	42.1	.402	10.9
%RSD	.49756	.32310	1.0271	.42387	.33580

#1	2504.2	55066.	4064.9	94.547	3239.7
#2	2486.6	54815.	4124.3	95.116	3224.3

Sample Name: J6363-01 Acquired: 12/15/2018 3:57:28 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.00310	-.00359	-.00068	.00884	-.00278	.35973	.10635	-.00030
Stddev	.00051	.00003	.00082	.00096	.00081	.00264	.00144	.00005
%RSD	16.526	.80567	120.72	10.843	29.004	.73290	1.3563	17.021

#1	-.00347	-.00357	-.00010	.00952	-.00221	.36160	.10737	-.00026
#2	-.00274	-.00361	-.00125	.00816	-.00335	.35787	.10533	-.00034

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	133.04	-.00890	.00402	.01522	17.204	15.014	32.947
Stddev	.00003	.20	.00007	.00034	.00077	.023	.059	.250
%RSD	40.247	.15349	.76657	8.5231	5.0782	.13160	.39618	.75847

#1	.00009	133.18	-.00895	.00426	.01577	17.220	15.056	33.124
#2	.00005	132.89	-.00885	.00377	.01467	17.188	14.972	32.770

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00024	298.11	.00160	.08470	26.418	.00930	.13515
Stddev	.00076	.00008	4.89	.00030	.00052	.105	.00024	.00302
%RSD	391.06	34.712	1.6409	18.630	.61724	.39649	2.5533	2.2345

#1	-.00034	-.00018	301.57	.00181	.08507	26.492	.00914	.13729
#2	.00074	-.00030	294.65	.00139	.08433	26.344	.00947	.13302

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.698	F 10.175	-.00879	.02385	.01994	.0410	.78311	<.00000
Stddev	.074	.017	.00018	.00035	.00041	.0011	.00016	.09538
%RSD	.29830	.16896	2.0609	1.4506	2.0691	2.767	.02056	5.1755

#1	24.750	10.188	-.00892	.02409	.01965	.0418	.78300	-1.7754
#2	24.646	10.163	-.00866	.02360	.02023	.0402	.78322	-1.9103

Sample Name: J6363-01 Acquired: 12/15/2018 3:57:28 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.8093
Stddev	.8333
%RSD	8.4949

#1	9.2200
#2	10.398

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2489.1	54676.	4104.4	97.614	3225.9
Stddev	1.2	160.	20.8	.354	4.2
%RSD	.04683	.29281	.50733	.36261	.13108

#1	2488.3	54562.	4089.6	97.364	3222.9
#2	2489.9	54789.	4119.1	97.864	3228.9

Sample Name: J6363-01DUP Acquired: 12/15/2018 4:01:42 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.00169	.00037	-.00379	-.00103	.01243	.01397	.00000
Stddev	.00281	.00180	.00062	.00163	.00036	.00435	.00008	.00009
%RSD	2310.1	106.38	166.26	42.990	34.679	34.967	.55284	2865.8

#1	-.00187	-.00042	-.00007	-.00494	-.00077	.00936	.01402	.00007
#2	.00211	-.00296	.00081	-.00264	-.00128	.01551	.01391	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	27.371	.00025	-.00020	.00060	.03419	.00300	11.740
Stddev	.00011	.018	.00029	.00020	.00009	.00064	.00004	.000
%RSD	354.74	.06590	115.13	102.27	14.380	1.8842	1.3066	.00171

#1	.00011	27.384	.00046	-.00034	.00066	.03374	.00298	11.739
#2	-.00005	27.358	.00005	-.00006	.00054	.03465	.00303	11.740

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.00072	71.108	.00051	.00012	3.1104	-.00006	.01389
Stddev	.00005	.00043	.611	.00004	.00009	.0251	.00030	.00424
%RSD	14.461	59.407	.85982	7.8136	71.057	.80835	473.08	30.536

#1	.00035	-.00102	71.540	.00054	.00018	3.0926	-.00028	.01089
#2	.00028	-.00042	70.675	.00049	.00006	3.1282	.00015	.01689

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0348	2.3021	-.00367	-.00043	-.00170	.0297	.14184	<.00000
Stddev	.0386	.0454	.00049	.00077	.00077	.0005	.00000	.05439
%RSD	.63967	1.9728	13.381	176.83	45.291	1.818	.00251	.95175

#1	6.0075	2.3342	-.00332	-.00098	-.00225	.0293	.14184	-5.7532
#2	6.0621	2.2700	-.00402	.00011	-.00116	.0300	.14185	-5.6763

Sample Name: J6363-01DUP Acquired: 12/15/2018 4:01:42 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.9450
Stddev	.0976
%RSD	5.0164

#1	1.8760
#2	2.0140

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2820.6	62470.	4435.0	109.66	3849.7
Stddev	9.2	203.	65.6	4.66	19.6
%RSD	.32453	.32547	1.4791	4.2466	.50783

#1	2827.1	62614.	4388.6	106.37	3863.6
#2	2814.2	62326.	4481.4	112.95	3835.9

Sample Name: J6363-01LX5 Acquired: 12/15/2018 4:05:48 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00243	-.00133	.00113	.00035	.00017	.02314	.00288	.00002
Stddev	.00068	.00120	.00046	.00110	.00076	.00764	.00061	.00002
%RSD	27.769	90.029	40.940	317.80	436.32	33.035	21.330	105.55

#1	.00291	-.00218	.00080	-.00043	.00071	.02855	.00244	.00003
#2	.00195	-.00048	.00145	.00112	-.00036	.01774	.00331	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	5.9505	-.00001	-.00014	-.00005	.00307	.00091	2.5804
Stddev	.00008	.0350	.00004	.00002	.00044	.01495	.00006	.0578
%RSD	57274.	.58905	304.70	11.601	903.99	486.52	7.1351	2.2396

#1	.00005	5.9257	-.00004	-.00013	.00026	.01364	.00096	2.6213
#2	-.00005	5.9753	.00002	-.00015	-.00036	-.00750	.00086	2.5395

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00039	15.276	.00024	.00014	.68199	-.00007	-.00152
Stddev	.00027	.00006	.103	.00013	.00005	.01132	.00006	.00458
%RSD	20169.	16.355	.67707	52.552	33.141	1.6597	83.960	300.43

#1	-.00019	-.00044	15.349	.00015	.00017	.68999	-.00003	.00171
#2	.00019	-.00035	15.203	.00033	.00011	.67398	-.00011	-.00476

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2114	.50098	-.00087	.00195	.00174	.0116	.03095	<.00000
Stddev	.0000	.00322	.00015	.00137	.00034	.0013	.00003	.16715
%RSD	.00158	.64312	17.522	70.035	19.881	10.86	.11255	4.3214

#1	1.2114	.50326	-.00098	.00099	.00149	.0125	.03093	-3.9860
#2	1.2114	.49870	-.00076	.00292	.00198	.0107	.03098	-3.7496

Sample Name: J6363-01LX5 Acquired: 12/15/2018 4:05:48 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.37112
Stddev	.00326
%RSD	.87915

#1	.36881
#2	.37343

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2654.1	58149.	4017.4	99.928	3721.8
Stddev	2.6	92.	15.4	2.098	1.5
%RSD	.09887	.15765	.38341	2.0994	.04067

#1	2652.2	58084.	4006.5	98.445	3720.7
#2	2655.9	58214.	4028.3	101.41	3722.8

Sample Name: J6363-01MS Acquired: 12/15/2018 4:09:56 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	-.00086	.00060	.00018	-.00048	.01666	.00276	.00004
Stddev	.00029	.00013	.00078	.00006	.00061	.00730	.00033	.00002
%RSD	96.113	15.194	130.66	35.112	125.52	43.819	11.803	62.160

#1	-.00010	-.00077	.00115	.00023	-.00005	.01150	.00253	.00005
#2	-.00051	-.00096	.00005	.00014	-.00091	.02182	.00299	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	5.9196	.00030	-.00005	-.00001	.00317	.00084	2.4840
Stddev	.00002	.0014	.00053	.00020	.00047	.00415	.00006	.0238
%RSD	502.14	.02358	177.05	415.96	3247.1	130.86	7.4955	.95899

#1	.00001	5.9186	.00067	-.00019	.00032	.00024	.00079	2.5008
#2	-.00002	5.9206	-.00007	.00009	-.00035	.00610	.00088	2.4672

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.00050	15.013	.00035	-.00011	.65947	-.00014	-.00341
Stddev	.00026	.00020	.004	.00001	.00001	.04757	.00011	.00350
%RSD	142.76	40.231	.02422	4.0155	12.907	7.2131	73.436	102.67

#1	.00000	-.00036	15.015	.00036	-.00012	.69311	-.00007	-.00588
#2	-.00036	-.00064	15.010	.00034	-.00010	.62584	-.00022	-.00093

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2010	.49742	-.00145	-.00003	.00069	.0114	.03078	<.00000
Stddev	.0048	.00307	.00007	.00189	.00019	.0003	.00003	.33430
%RSD	.40025	.61700	4.5334	7343.5	27.149	2.966	.11053	9.0753

#1	1.1976	.49525	-.00140	-.00136	.00082	.0112	.03075	-3.4473
#2	1.2044	.49959	-.00150	.00131	.00055	.0117	.03080	-3.9201

Sample Name: J6363-01MS Acquired: 12/15/2018 4:09:56 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .06700
%RSD 81.387

#1 -.12970
#2 -.03495

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2647.6	58211.	4062.3	99.546	3738.7
Stddev	7.6	345.	20.8	1.195	3.7
%RSD	.28788	.59315	.51243	1.2007	.09967

#1	2642.2	57967.	4047.5	98.701	3741.3
#2	2653.0	58455.	4077.0	100.39	3736.0

Sample Name: J6363-01MSD Acquired: 12/15/2018 4:14:03 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	-.00116	-.00098	.00017	.00049	.01920	.00281	.00006
Stddev	.00055	.00062	.00019	.00111	.00184	.00639	.00050	.00003
%RSD	53.083	53.122	19.344	639.72	374.34	33.280	17.679	44.568

#1	.00065	-.00072	-.00111	-.00061	.00179	.02371	.00316	.00008
#2	.00142	-.00160	-.00085	.00096	-.00081	.01468	.00246	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	5.9187	.00072	-.00021	-.00019	-.00214	.00081	2.5421
Stddev	.00002	.0334	.00007	.00010	.00025	.00449	.00003	.0255
%RSD	54.780	.56482	9.8595	48.743	130.67	209.47	3.1249	1.0018

#1	.00002	5.8951	.00077	-.00014	-.00037	-.00531	.00082	2.5241
#2	.00005	5.9424	.00067	-.00029	-.00001	.00103	.00079	2.5601

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.00049	15.118	-.00032	-.00016	.65057	-.00003	-.00379
Stddev	.00037	.00036	.029	.00046	.00009	.01774	.00006	.00104
%RSD	127.24	73.141	.19470	142.81	58.254	2.7261	213.06	27.443

#1	-.00003	-.00023	15.097	-.00065	-.00022	.63803	.00001	-.00306
#2	-.00056	-.00074	15.139	.00000	-.00009	.66311	-.00007	-.00453

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1986	.49661	-.00175	.00040	.00104	.0119	.03091	<.00000
Stddev	.0030	.00919	.00004	.00135	.00105	.0013	.00005	.03048
%RSD	.24738	1.8499	2.0941	335.02	100.80	10.97	.16152	.83321

#1	1.2007	.49012	-.00173	-.00055	.00030	.0129	.03095	-3.6367
#2	1.1965	.50311	-.00178	.00135	.00178	.0110	.03088	-3.6798

Sample Name: J6363-01MSD Acquired: 12/15/2018 4:14:03 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .21814
%RSD 217.99

#1 .05418
#2 -.25431

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2653.8	58370.	4029.9	99.294	3730.7
Stddev	6.5	69.	25.9	2.446	13.3
%RSD	.24360	.11801	.64288	2.4635	.35698

#1	2658.4	58321.	4048.2	101.02	3721.3
#2	2649.3	58419.	4011.6	97.564	3740.1

Sample Name: J6363-01A Acquired: 12/15/2018 4:18:10 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.77785	1.9705	.98225	2.0766	.88332	2.1422	.23830	.22931
Stddev	.00502	.0120	.00717	.0178	.00620	.0121	.00137	.00006
%RSD	.64556	.60658	.73020	.85928	.70155	.56307	.57476	.02515

#1	.77430	1.9620	.97718	2.0640	.87894	2.1337	.23927	.22935
#2	.78140	1.9789	.98732	2.0892	.88770	2.1507	.23733	.22927

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20659	28.472	.42990	.20121	.32853	2.8434	.23323	14.049
Stddev	.00143	.214	.00004	.00141	.00072	.0159	.00022	.024
%RSD	.69050	.75171	.00996	.70276	.21830	.55904	.09448	.16757

#1	.20559	28.624	.42987	.20021	.32802	2.8322	.23338	14.066
#2	.20760	28.321	.42993	.20221	.32903	2.8546	.23307	14.033

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49004	.05769	74.325	.33793	.21319	13.252	.43730	.31933
Stddev	.00464	.00040	.685	.00006	.00015	.129	.00202	.00537
%RSD	.94608	.70182	.92212	.01893	.06963	.97097	.46138	1.6812

#1	.48677	.05797	74.810	.33797	.21309	13.343	.43587	.32312
#2	.49332	.05740	73.840	.33788	.21330	13.161	.43873	.31553

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8994	3.2232	.62517	.20388	.21049	5.503	.34754	<.00000
Stddev	.0499	.0110	.00468	.00301	.00164	.047	.00105	.35175
%RSD	.84547	.34002	.74899	1.4786	.77986	.8529	.30118	7.2528

#1	5.8642	3.2309	.62186	.20174	.21165	5.470	.34828	-4.6012
#2	5.9347	3.2154	.62848	.20601	.20933	5.536	.34680	-5.0986

Sample Name: J6363-01A Acquired: 12/15/2018 4:18:10 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.0808
%RSD	122.57

#1	-1.6461
#2	-.11757

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2791.1	61268.	4293.2	104.34	3789.1
Stddev	6.5	38.	17.1	.14	21.6
%RSD	.23121	.06259	.39787	.13272	.56913

#1	2795.6	61241.	4281.2	104.24	3804.3
#2	2786.5	61295.	4305.3	104.44	3773.8

Sample Name: CCV18 Acquired: 12/15/2018 4:22:02 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7360	4.9493	4.9254	4.9854	5.3232	10.488	10.715
Stddev	.0350	.0085	.0108	.0278	.0206	.046	.007
%RSD	.73987	.17212	.22002	.55709	.38778	.43480	.06925

#1	4.7608	4.9432	4.9177	5.0051	5.3378	10.455	10.709
#2	4.7113	4.9553	4.9330	4.9658	5.3086	10.520	10.720

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26955	2.5949	F 27.529	1.0308	2.4929	1.2932	4.6767
Stddev	.00038	.0016	.048	.0001	.0054	.0024	.0492
%RSD	.13954	.06025	.17589	.01432	.21680	.18162	1.0514

#1	.26981	2.5938	27.495	1.0307	2.4890	1.2948	4.6419
#2	.26928	2.5960	27.564	1.0309	2.4967	1.2915	4.7115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.7693	27.404	2.4280	1.1646	26.053	2.6918	2.5015
Stddev	.0037	.169	.0035	.0020	.071	.0001	.0055
%RSD	.13275	.61580	.14257	.16909	.27280	.00458	.21874

#1	2.7719	27.284	2.4256	1.1660	26.003	2.6917	2.5054
#2	2.7667	27.523	2.4305	1.1632	26.104	2.6919	2.4977

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.862	5.2525	5.2226	F 4.2758	4.7237	4.5265	5.0807
Stddev	.062	.0192	.0442	.0101	.0147	.0101	.0107
%RSD	.25780	.36536	.84659	.23671	.31197	.22212	.20998

#1	23.819	5.2661	5.1914	4.2687	4.7341	4.5194	5.0732
#2	23.906	5.2389	5.2539	4.2830	4.7132	4.5336	5.0883

Sample Name: CCV18 Acquired: 12/15/2018 4:22:02 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.1818	4.730	5.2693	F<.00000	F 3.2008
Stddev	.0044	.007	.0035	.11252	.2766
%RSD	.08411	.1428	.06567	7.0971	8.6418
#1	5.1787	4.726	5.2717	-1.5058	3.0052
#2	5.1849	4.735	5.2668	-1.6649	3.3964
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2518.2	55421.	3990.4	91.814	3291.0
Stddev	19.9	172.	25.4	.601	8.0
%RSD	.78937	.31117	.63665	.65465	.24355
#1	2504.1	55300.	3972.5	91.389	3285.3
#2	2532.2	55543.	4008.4	92.239	3296.6

Sample Name: CCB18 Acquired: 12/15/2018 4:25:50 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	-.00047	.00051	-.00177	.00072	.01085	-.00033
Stddev	.00101	.00120	.00012	.00124	.00074	.00079	.00008
%RSD	188.89	254.48	22.555	70.003	102.07	7.2485	24.056

#1	-.00125	.00038	.00043	-.00265	.00020	.01029	-.00039
#2	.00018	-.00132	.00059	-.00090	.00124	.01140	-.00028

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00007	-.00177	.00040	-.00003	.00023	-.00245
Stddev	.00006	.00002	.00276	.00039	.00006	.00009	.00427
%RSD	444.59	28.315	156.52	96.445	227.32	38.616	174.69

#1	-.00003	.00008	.00019	.00068	-.00007	.00017	.00058
#2	.00006	.00006	-.00372	.00013	.00002	.00029	-.00547

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.02062	.00012	-.00035	.02049	-.00042	.00003
Stddev	.00001	.02647	.00004	.00002	.00001	.00027	.00014
%RSD	2.8676	128.36	30.114	6.0904	.04634	64.756	420.05

#1	.00025	.00190	.00015	-.00034	.02050	-.00061	.00013
#2	.00026	.03934	.00009	-.00037	.02049	-.00023	-.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03359	.00059	-.00540	.00325	-.00528	-.00058	.00123
Stddev	.02521	.00029	.00413	.00009	.00291	.00017	.00035
%RSD	75.062	50.221	76.499	2.8156	55.173	28.299	28.306

#1	.01576	.00080	-.00833	.00331	-.00322	-.00070	.00098
#2	.05142	.00038	-.00248	.00318	-.00734	-.00047	.00147

Sample Name: CCB18 Acquired: 12/15/2018 4:25:50 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	F .0072	.00002	F<.00000	F<.00000
Stddev	.00122	.0005	.00003	.02176	2.1280
%RSD	160.70	6.638	142.84	.50187	232.46

#1	.00010	.0068	.00005	-4.3200	-2.4202
#2	-.00162	.0075	-.00000	-4.3508	.58932

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2664.8	59134.	4038.8	96.679	3812.5
Stddev	1.9	25.	17.5	1.349	18.9
%RSD	.07056	.04237	.43293	1.3957	.49496

#1	2666.1	59117.	4026.4	97.633	3825.9
#2	2663.4	59152.	4051.1	95.725	3799.2

Sample Name: J6363-02 Acquired: 12/15/2018 4:29:58 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00267	-.00055	-.00054	-.00070	-.00106	.01346	.01505	-.00003
Stddev	.00016	.00100	.00003	.00111	.00097	.01646	.00027	.00002
%RSD	5.9896	183.44	5.6589	158.71	91.538	122.28	1.8183	65.449

#1	.00256	.00016	-.00056	.00009	-.00175	.02510	.01486	-.00004
#2	.00278	-.00126	-.00052	-.00149	-.00038	.00182	.01525	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	27.765	.00033	-.00012	.00082	.02399	.00267	12.103
Stddev	.00004	.284	.00029	.00008	.00038	.00424	.00004	.099
%RSD	308.49	1.0227	89.487	71.184	46.477	17.653	1.4910	.81857

#1	.00002	27.966	.00053	-.00018	.00109	.02100	.00270	12.173
#2	-.00004	27.565	.00012	-.00006	.00055	.02699	.00265	12.033

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00039	73.881	.00036	.00039	3.1482	-.00009	.01461
Stddev	.00004	.00001	.691	.00016	.00008	.0481	.00004	.01200
%RSD	16.687	2.6569	.93563	43.148	19.794	1.5267	45.782	82.177

#1	.00021	-.00039	74.370	.00047	.00045	3.1822	-.00011	.02310
#2	.00026	-.00038	73.392	.00025	.00034	3.1142	-.00006	.00612

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0268	2.3356	-.00322	-.00026	-.00257	.0317	.14427	<.00000
Stddev	.0156	.0144	.00008	.00069	.00035	.0003	.00082	.00149
%RSD	.25863	.61424	2.4662	265.67	13.618	1.039	.56985	.02644

#1	6.0378	2.3457	-.00316	.00023	-.00282	.0315	.14485	-5.6225
#2	6.0157	2.3254	-.00327	-.00074	-.00232	.0319	.14369	-5.6204

Sample Name: J6363-02 Acquired: 12/15/2018 4:29:58 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0205
 Stddev .9400
 %RSD 92.114

#1 1.6852
 #2 .35580

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2791.3	61489.	4321.4	106.08	3836.7
Stddev	1.6	124.	24.0	.16	12.3
%RSD	.05839	.20219	.55567	.15471	.32094

#1	2790.1	61401.	4304.4	105.96	3828.0
#2	2792.4	61577.	4338.4	106.19	3845.4

Sample Name: J6363-03 Acquired: 12/15/2018 4:34:03 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	-.00088	-.00054	-.00102	-.00146	.01708	.01525	-.00005
Stddev	.00045	.00047	.00083	.00021	.00051	.01653	.00040	.00003
%RSD	43.899	52.803	154.57	20.780	34.659	96.777	2.6076	62.394

#1	.00071	-.00121	.00005	-.00087	-.00182	.02877	.01553	-.00007
#2	.00135	-.00055	-.00113	-.00117	-.00110	.00539	.01497	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	28.292	.00031	-.00006	.00052	.02939	.00265	13.738
Stddev	.00003	.061	.00010	.00007	.00005	.00507	.00008	.004
%RSD	103.89	.21501	32.275	110.06	8.9938	17.255	2.8588	.03087

#1	.00001	28.335	.00024	-.00011	.00048	.03297	.00260	13.735
#2	.00004	28.249	.00038	-.00001	.00055	.02580	.00270	13.741

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00054	87.396	.00073	.00019	3.6259	.00028	.01906
Stddev	.00029	.00037	.299	.00004	.00006	.0409	.00016	.00437
%RSD	122.05	69.248	.34234	5.6895	31.621	1.1291	55.083	22.932

#1	.00003	-.00080	87.608	.00070	.00023	3.5970	.00039	.01597
#2	.00044	-.00027	87.185	.00076	.00015	3.6549	.00017	.02215

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0008	2.3246	-.00383	.00022	-.00141	.0330	.15386	<.00000
Stddev	.0063	.0001	.00094	.00165	.00098	.0010	.00038	.09526
%RSD	.09000	.00269	24.531	759.76	69.746	3.156	.24557	1.8887

#1	6.9964	2.3246	-.00317	.00139	-.00071	.0337	.15359	-4.9763
#2	7.0053	2.3245	-.00449	-.00095	-.00210	.0322	.15413	-5.1110

Sample Name: J6363-03 Acquired: 12/15/2018 4:34:03 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7108
 Stddev .3501
 %RSD 20.464

#1 1.4632
 #2 1.9583

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2773.2	60802.	4357.3	107.24	3791.0
Stddev	33.1	167.	19.6	1.94	27.5
%RSD	1.1918	.27410	.45041	1.8085	.72545

#1	2796.6	60684.	4343.4	108.61	3810.4
#2	2749.9	60920.	4371.2	105.87	3771.5

Sample Name: J6363-04 Acquired: 12/15/2018 4:38:09 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00166	-.00103	.00046	-.00223	-.00080	.03130	.01277	.00003
Stddev	.00188	.00044	.00015	.00233	.00022	.00267	.00116	.00003
%RSD	113.03	42.491	31.673	104.59	27.262	8.5275	9.0801	116.82

#1	.00033	-.00134	.00036	-.00058	-.00065	.02941	.01195	.00005
#2	.00299	-.00072	.00056	-.00387	-.00096	.03318	.01359	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	26.884	.00026	-.00016	.00056	.02941	.00245	9.1130
Stddev	.00004	.081	.00044	.00005	.00048	.00386	.00001	.0343
%RSD	65.617	.30272	167.88	32.338	85.958	13.123	.44969	.37674

#1	-.00009	26.941	.00057	-.00012	.00022	.02668	.00244	9.1373
#2	-.00003	26.826	-.00005	-.00020	.00089	.03213	.00246	9.0887

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	-.00085	50.336	.00035	-.00000	2.3515	-.00006	.00798
Stddev	.00022	.00024	.050	.00035	.00003	.0331	.00014	.00026
%RSD	28.937	27.581	.09963	99.145	3922.8	1.4079	237.71	3.2813

#1	.00060	-.00102	50.371	.00060	.00002	2.3280	.00004	.00816
#2	.00091	-.00069	50.300	.00011	-.00002	2.3749	-.00016	.00779

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5671	2.3081	-.00319	.00133	-.00249	.0312	.13029	<.00000
Stddev	.0076	.0126	.00007	.00125	.00067	.0017	.00026	.00477
%RSD	.16675	.54591	2.2669	93.545	26.970	5.391	.20148	.07911

#1	4.5617	2.3170	-.00325	.00222	-.00296	.0300	.13048	-6.0244
#2	4.5725	2.2992	-.00314	.00045	-.00201	.0324	.13010	-6.0312

Sample Name: J6363-04 Acquired: 12/15/2018 4:38:09 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .93406
Stddev .15794
%RSD 16.909

#1 1.0457
#2 .82238

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2815.2	62351.	4440.4	107.44	3906.7
Stddev	18.1	164.	19.3	1.07	15.8
%RSD	.64161	.26307	.43411	.99931	.40495

#1	2827.9	62467.	4426.8	108.20	3917.9
#2	2802.4	62235.	4454.1	106.68	3895.5

Sample Name: J6385-01 Acquired: 12/15/2018 4:42:15 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.00171	-.00037	-.00426	-.00193	.01501	.01504	.00003
Stddev	.00157	.00055	.00071	.00091	.00008	.00927	.00057	.00002
%RSD	99.056	32.079	192.44	21.352	3.9667	61.754	3.8025	59.051

#1	.00269	-.00132	.00013	-.00491	-.00188	.02156	.01545	.00004
#2	.00047	-.00210	-.00087	-.00362	-.00199	.00845	.01464	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	29.448	.00014	.00010	.00075	.02301	.00417	18.878
Stddev	.00002	.012	.00041	.00003	.00021	.00295	.00004	.188
%RSD	81.371	.03924	287.15	34.722	28.317	12.838	.92980	.99514

#1	-.00004	29.440	-.00015	.00012	.00090	.02510	.00420	19.011
#2	-.00001	29.456	.00043	.00007	.00060	.02092	.00415	18.745

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	-.00042	128.75	.00061	.00015	5.1385	.00014	.03390
Stddev	.00019	.00044	2.10	.00002	.00004	.0445	.00001	.00653
%RSD	96.232	105.58	1.6333	2.7758	25.602	.86625	10.383	19.267

#1	-.00006	-.00073	130.24	.00060	.00017	5.1700	.00013	.02928
#2	-.00034	-.00011	127.27	.00062	.00012	5.1070	.00015	.03852

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9231	2.2870	-.00494	.00100	-.00110	.0333	.18201	<.00000
Stddev	.0364	.0016	.00020	.00038	.00225	.0013	.00038	.33763
%RSD	.36694	.06857	4.0924	37.907	205.35	4.026	.20770	6.3713

#1	9.8974	2.2859	-.00479	.00073	-.00269	.0343	.18174	-5.0606
#2	9.9489	2.2881	-.00508	.00127	.00050	.0324	.18227	-5.5380

Sample Name: J6385-01 Acquired: 12/15/2018 4:42:15 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2322
Stddev .6886
%RSD 30.849

#1 1.7452
#2 2.7191

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2745.5	61046.	4398.8	107.18	3727.1
Stddev	19.4	136.	47.2	1.71	20.0
%RSD	.70806	.22316	1.0724	1.5973	.53593

#1	2759.3	60950.	4365.4	105.97	3741.2
#2	2731.8	61142.	4432.1	108.39	3713.0

Sample Name: J6385-02 Acquired: 12/15/2018 4:46:20 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	-.00068	-.00035	-.00032	-.00078	.01836	.01438	-.00004
Stddev	.00005	.00006	.00083	.00152	.00006	.00475	.00044	.00004
%RSD	3.6358	8.9680	233.28	475.69	7.3146	25.901	3.0618	108.33

#1	.00143	-.00063	-.00094	.00076	-.00074	.01499	.01469	-.00001
#2	.00136	-.00072	.00023	-.00140	-.00082	.02172	.01406	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	29.558	.00028	-.00013	.00064	.02740	.00386	18.173
Stddev	.00003	.034	.00029	.00003	.00013	.00022	.00002	.033
%RSD	150.52	.11375	105.04	21.233	20.744	.79318	.50016	.18043

#1	-.00005	29.534	.00048	-.00015	.00074	.02725	.00387	18.196
#2	.00000	29.582	.00007	-.00011	.00055	.02755	.00385	18.150

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00071	124.26	.00039	.00025	4.9789	.00011	.03775
Stddev	.00002	.00023	1.48	.00004	.00002	.0314	.00004	.00920
%RSD	56.167	32.011	1.1907	10.307	9.0340	.62974	39.886	24.361

#1	-.00003	-.00087	125.30	.00042	.00023	5.0010	.00008	.03124
#2	-.00006	-.00055	123.21	.00036	.00027	4.9567	.00014	.04425

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4666	2.2871	-.00474	.00040	-.00137	.0338	.17988	<.00000
Stddev	.1554	.0201	.00028	.00007	.00006	.0011	.00012	.37277
%RSD	1.6415	.88050	5.8311	17.771	4.6408	3.209	.06545	8.8635

#1	9.5765	2.3014	-.00454	.00035	-.00142	.0346	.17980	-3.9421
#2	9.3568	2.2729	-.00494	.00045	-.00133	.0331	.17997	-4.4693

Sample Name: J6385-02 Acquired: 12/15/2018 4:46:20 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.8288
Stddev .3635
%RSD 19.875

#1 2.0858
#2 1.5718

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2763.1	60167.	4383.4	105.52	3741.8
Stddev	13.0	254.	32.7	1.12	30.4
%RSD	.47108	.42258	.74659	1.0631	.81270

#1	2753.9	59987.	4360.3	106.31	3720.3
#2	2772.3	60346.	4406.6	104.73	3763.3

Sample Name: J6385-03 Acquired: 12/15/2018 4:50:26 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00040	-.00080	.00051	-.00024	-.00144	.02065	.01546	-.00004
Stddev	.00145	.00115	.00068	.00083	.00100	.02132	.00123	.00004
%RSD	362.18	143.73	133.01	344.71	69.732	103.23	7.9465	108.82

#1	.00143	-.00162	.00099	-.00082	-.00214	.03572	.01633	-.00001
#2	-.00063	.00001	.00003	.00034	-.00073	.00558	.01459	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	31.134	.00036	-.00001	.00039	.03122	.00397	23.269
Stddev	.00000	.091	.00014	.00005	.00045	.00018	.00001	.060
%RSD	21.680	.29144	39.768	536.29	113.51	.57290	.19357	.25610

#1	.00001	31.198	.00026	-.00005	.00008	.03135	.00398	23.311
#2	.00001	31.070	.00047	.00003	.00071	.03110	.00397	23.227

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	-.00077	164.39	.00024	.00023	6.4214	.00012	.05462
Stddev	.00060	.00037	.67	.00032	.00001	.0050	.00015	.01058
%RSD	180.26	48.464	.40852	132.52	4.1715	.07805	133.98	19.373

#1	-.00076	-.00103	163.91	.00002	.00023	6.4250	.00001	.04713
#2	.00009	-.00050	164.86	.00047	.00022	6.4179	.00022	.06210

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.270	2.3144	-.00563	.00177	-.00003	.0340	.20634	<.00000
Stddev	.048	.0082	.00076	.00081	.00089	.0015	.00116	.24963
%RSD	.39069	.35284	13.440	45.910	2656.2	4.401	.56360	5.6158

#1	12.304	2.3201	-.00617	.00120	.00059	.0329	.20717	-4.6217
#2	12.236	2.3086	-.00510	.00234	-.00066	.0351	.20552	-4.2687

Sample Name: J6385-03 Acquired: 12/15/2018 4:50:26 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.1801
Stddev	.5301
%RSD	24.317

#1	2.5549
#2	1.8052

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2682.4	59154.	4285.3	102.99	3602.8
Stddev	9.8	105.	6.9	1.20	8.2
%RSD	.36393	.17693	.16204	1.1679	.22645

#1	2689.3	59080.	4290.2	103.84	3597.0
#2	2675.5	59228.	4280.4	102.14	3608.5

Sample Name: J6385-04 Acquired: 12/15/2018 4:54:33 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	-.00187	-.00137	-.00025	-.00230	-.00124	.02288	.01502	-.00001
Stddev	.00022	.00130	.00002	.00329	.00057	.00639	.00055	.00004
%RSD	11.921	95.395	6.3851	143.29	45.905	27.909	3.6417	383.07

#1	-.00202	-.00229	-.00024	-.00462	-.00164	.01837	.01540	-.00004
#2	-.00171	-.00045	-.00027	.00003	-.00083	.02740	.01463	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	29.694	-.00005	-.00017	.00051	.03224	.00391	18.200
Stddev	.00001	.016	.00027	.00002	.00041	.00873	.00005	.129
%RSD	30.119	.05343	594.72	12.151	79.554	27.081	1.3690	.70872

#1	-.00004	29.705	.00014	-.00019	.00022	.02607	.00395	18.291
#2	-.00002	29.682	-.00023	-.00016	.00080	.03841	.00387	18.109

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00045	124.14	.00025	-.00011	4.9076	-.00011	.03336
Stddev	.00012	.00026	.66	.00059	.00001	.0128	.00010	.00220
%RSD	164.95	58.220	.53472	238.01	4.9583	.26106	97.694	6.5960

#1	-.00001	-.00063	124.61	-.00017	-.00011	4.9167	-.00018	.03181
#2	.00016	-.00026	123.67	.00066	-.00011	4.8985	-.00003	.03492

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3810	2.3534	-.00519	-.00068	-.00211	.0322	.17983	<.00000
Stddev	.0099	.0149	.00069	.00120	.00152	.0005	.00021	.17351
%RSD	.10527	.63351	13.386	177.39	72.325	1.622	.11925	3.1405

#1	9.3740	2.3639	-.00568	-.00153	-.00103	.0319	.17998	-5.6475
#2	9.3880	2.3428	-.00470	.00017	-.00318	.0326	.17968	-5.4021

Sample Name: J6385-04 Acquired: 12/15/2018 4:54:33 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6449
 Stddev .4218
 %RSD 25.641

#1 1.9431
 #2 1.3466

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2712.0	60123.	4269.2	103.89	3686.6
Stddev	14.7	153.	36.8	.41	11.1
%RSD	.54380	.25389	.86209	.39331	.30092

#1	2722.5	60230.	4243.2	103.61	3694.5
#2	2701.6	60015.	4295.2	104.18	3678.8

Sample Name: J6403-65 Acquired: 12/15/2018 4:58:39 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 4.7183	sF -2.6626	sF 1168.9	k -.01294	k .00639	k 863.54	.70038
Stddev	.0057	.0188	12.9	.00272	.00186	6.86	.00321
%RSD	.12072	.70567	1.1045	20.992	29.098	.79492	.45857

#1	k 4.7143	s -2.6493	s 1159.8	k -.01102	k .00771	k 858.69	.70265
#2	k 4.7223	s -2.6759	s 1178.1	k -.01486	k .00508	k 868.40	.69811

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09973	sF 5.2461	k 410.99	k 1.8444	sF 9.4212	k 23.613	kF 16093.
Stddev	.00023	.0554	1.95	.0092	.0823	.039	536.
%RSD	.23427	1.0559	.47460	.49823	.87381	.16457	3.3295

#1	.09956	s 5.2070	k 409.61	k 1.8379	s 9.3630	k 23.641	k 15714.
#2	.09989	s 5.2853	k 412.37	k 1.8509	s 9.4794	k 23.586	k 16471.

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.637	169.93	s 26.806	^ *****	89.534	k 2.6438	kF 169.23
Stddev	.001	1.38	.222	----	1.024	.0049	4.56
%RSD	.00719	.80931	.82907	----	1.1437	.18400	2.6939

#1	10.638	168.96	s 26.649	^ ----	90.258	k 2.6403	k 166.01
#2	10.637	170.90	s 26.963	^ ----	88.810	k 2.6472	k 172.46

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	67.062	.31778	kF -1.1176	sF 3083.2	kF 24.185	sF 43.979	kF 10.652
Stddev	.201	.00119	.0051	24.8	.128	.343	.007
%RSD	.30038	.37563	.45609	.80456	.53123	.78010	.06507

#1	67.204	.31863	k -1.1140	s 3065.7	k 24.094	s 43.736	k 10.647
#2	66.919	.31694	k -1.1212	s 3100.8	k 24.275	s 44.222	k 10.657

Sample Name: J6403-65 Acquired: 12/15/2018 4:58:39 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J-3D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.5671	sF 740.0	k 5.7113	^ *****	F<.00000
Stddev	.0102	5.4	.0208	-----	3.3313
%RSD	.65331	.7294	.36409	-----	.07246
#1	1.5743	s 736.2	k 5.7260	^ -----	-4594.8
#2	1.5598	s 743.9	k 5.6966	-149.79	-4599.5
Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8051.3	207570.	19344.	20.534	^ *****
Stddev	16.6	59.	19.	.617	-----
%RSD	.20638	.02853	.09795	3.0062	-----
#1	8039.5	207610.	19357.	20.971	^ -----
#2	8063.0	207530.	19331.	20.098	^ -----

Sample Name: CCV19 Acquired: 12/15/2018 5:15:50 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-3E Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7015	4.9102	4.9265	4.9338	5.2835	10.264	10.744
Stddev	.0188	.0049	.0057	.0227	.0158	.075	.108
%RSD	.40091	.10003	.11583	.46033	.29891	.72783	1.0016

#1	4.6881	4.9067	4.9224	4.9177	5.2723	10.211	10.820
#2	4.7148	4.9136	4.9305	4.9498	5.2946	10.317	10.668

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26728	2.5770	27.375	1.0152	2.4763	1.2862	4.5997
Stddev	.00066	.0022	.035	.0034	.0043	.0060	.0057
%RSD	.24708	.08621	.12700	.33211	.17279	.46756	.12493

#1	.26775	2.5754	27.350	1.0128	2.4732	1.2819	4.6037
#2	.26681	2.5785	27.399	1.0176	2.4793	1.2904	4.5956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7358	27.490	2.4100	1.1489	25.950	2.6648	2.4868
Stddev	.0072	.302	.0006	.0055	.306	.0034	.0068
%RSD	.26243	1.0984	.02429	.47789	1.1803	.12755	.27477

#1	2.7307	27.704	2.4104	1.1450	26.166	2.6624	2.4917
#2	2.7408	27.277	2.4096	1.1527	25.733	2.6672	2.4820

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.731	5.2032	5.2410	F 4.2814	4.8354	F 4.4945	5.0721
Stddev	.255	.0209	.0244	.0015	.0014	.0075	.0145
%RSD	1.0734	.40081	.46593	.03448	.02939	.16712	.28639

#1	23.911	5.1885	5.2582	4.2825	4.8364	4.4892	5.0618
#2	23.551	5.2179	5.2237	4.2804	4.8344	4.4999	5.0824

Sample Name: CCV19 Acquired: 12/15/2018 5:15:50 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J-3E Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0831	4.695	5.2575	F<.00000	F 2.8624
Stddev	.0338	.002	.0200	.22748	.1750
%RSD	.66514	.0508	.38054	9.8735	6.1132
#1	5.1070	4.693	5.2717	-2.4648	2.7387
#2	5.0592	4.696	5.2434	-2.1431	2.9862
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2540.2	56224.	3972.9	92.763	3314.9
Stddev	4.0	99.	28.3	.449	6.0
%RSD	.15769	.17587	.71341	.48358	.18046
#1	2543.1	56293.	3952.9	92.446	3310.7
#2	2537.4	56154.	3992.9	93.080	3319.1

Sample Name: CCB19 Acquired: 12/15/2018 5:19:39 Type: Unk
Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.00026	F .02340	-.00051	-.00005	.01545	-.00148
Stddev	.00088	.00054	.00003	.00097	.00002	.00214	.00034
%RSD	502.72	207.48	.13868	191.42	31.647	13.822	22.899

#1	.00045	.00064	.02343	.00018	-.00006	.01696	-.00172
#2	-.00079	-.00012	.02338	-.00120	-.00004	.01394	-.00124

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00003	-.00542	.00057	-.00009	.00055	.00460
Stddev	.00006	.00006	.01639	.00086	.00012	.00045	.00105
%RSD	205.00	210.85	302.21	150.11	134.57	81.574	22.928

#1	-.00007	.00007	-.01701	-.00004	-.00017	.00087	.00385
#2	.00001	-.00001	.00617	.00118	-.00000	.00023	.00535

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00854	.00047	-.00074	.00260	-.00003	F .01129
Stddev	.00001	.00841	.00059	.00013	.00621	.00029	.00046
%RSD	6.4750	98.391	125.11	17.374	238.82	841.62	4.0438

#1	.00021	.01449	.00005	-.00065	.00699	.00017	.01161
#2	.00019	.00260	.00089	-.00083	-.00179	-.00024	.01097

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05779	.00044	-.00907	F .02629	-.00091	-.00001	.00083
Stddev	.02433	.00042	.00272	.00163	.00097	.00055	.00061
%RSD	42.102	95.748	30.028	6.1956	106.63	4874.0	73.346

#1	.04058	.00074	-.01100	.02744	-.00022	.00038	.00040
#2	.07499	.00014	-.00715	.02514	-.00160	-.00040	.00126

Sample Name: CCB19 Acquired: 12/15/2018 5:19:39 Type: Unk
 Method: P4-ICP2(v2652) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00134	F .0065	.00011	F<.00000	F<.00000
Stddev	.00034	.0007	.00006	.11826	.33050
%RSD	25.678	10.15	48.259	2.3539	30.574

#1	.00110	.0070	.00015	-5.1076	-1.3147
#2	.00158	.0060	.00008	-4.9403	-.84728

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2704.2	59774.	4082.3	98.521	3844.5
Stddev	.4	8.	7.6	2.528	1.3
%RSD	.01600	.01379	.18581	2.5659	.03329

#1	2703.9	59780.	4077.0	100.31	3843.6
#2	2704.5	59768.	4087.7	96.733	3845.4