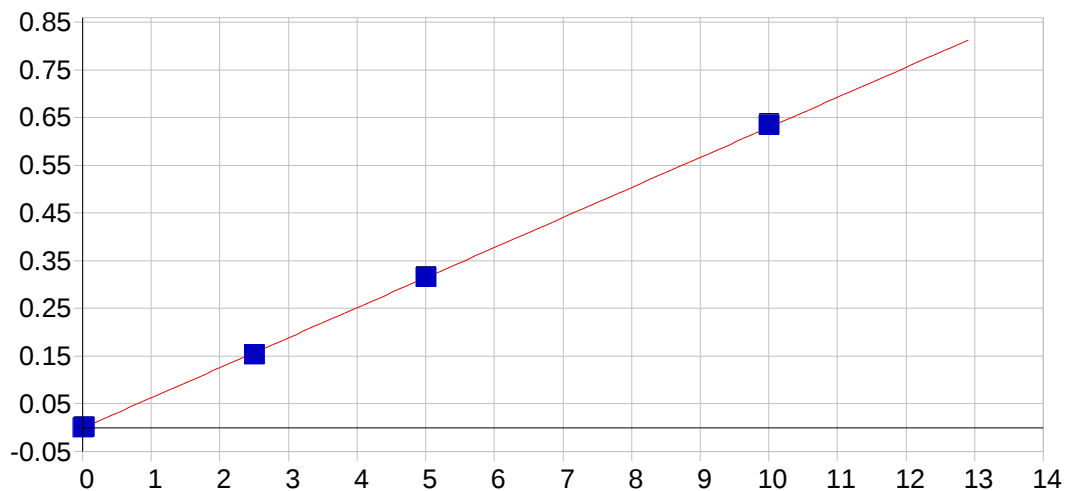


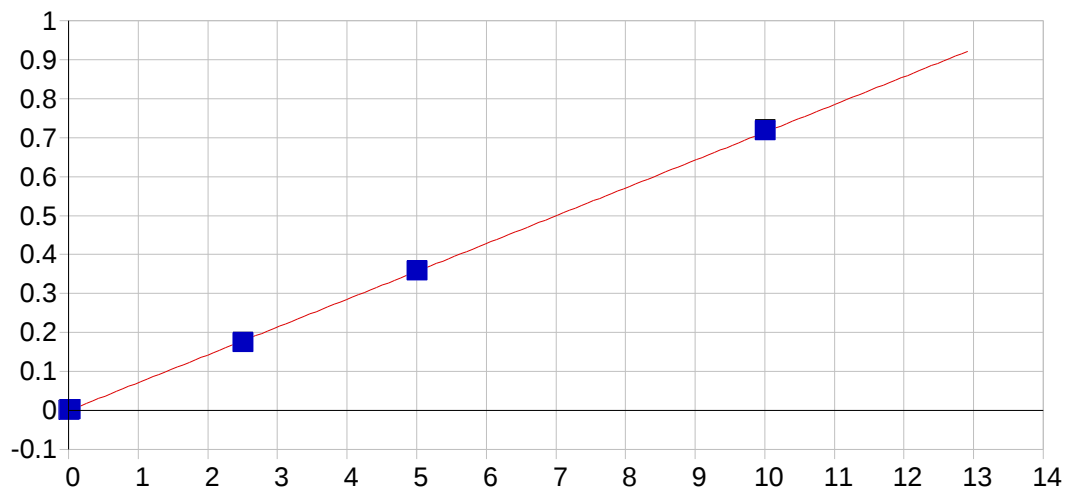


As 189.042 {478}

Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000332 Re-Slope: 1.000000
 A1 (Gain): 0.063007 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.002656
 Predicted MQL: 0.008855

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00033	.000	1
S1	.02000	.02123	.001	6.16	.00101	.000	1
S3	2.5000	2.4197	-.080	-3.21	.15211	.000	1
S4	5.0000	4.9967	-.003	-.065	.31448	.001	1
S5	10.000	10.082	.082	.824	.63488	.002	1



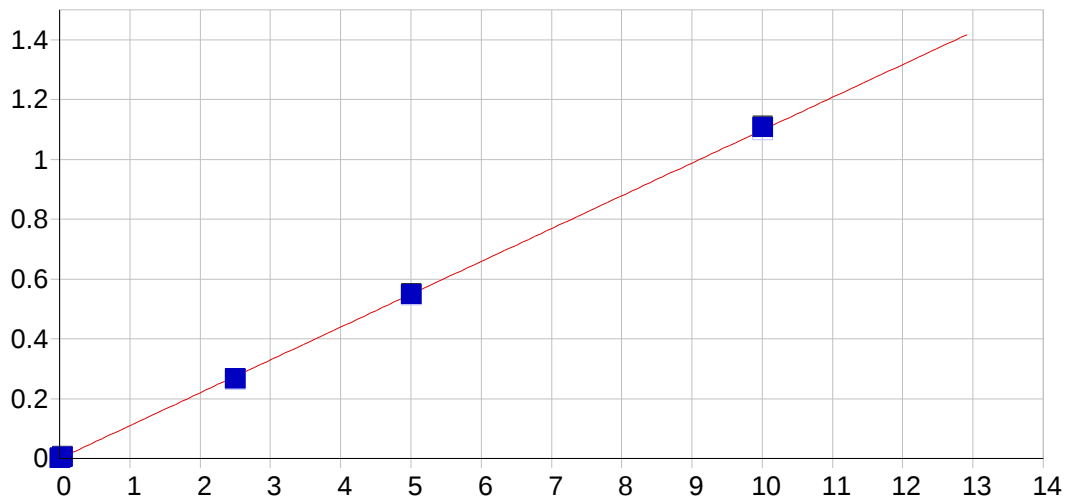
As 189.042 {479}

Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000132 Re-Slope: 1.000000

A1 (Gain): 0.071364 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.001954
 Predicted MQL: 0.006512

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00013	.000	1
S1	.02000	.02222	.002	11.1	.00145	.000	1
S3	2.5000	2.4314	-.069	-2.74	.17339	.001	1
S4	5.0000	5.0080	.008	.159	.35726	.002	1
S5	10.000	10.058	.058	.584	.71768	.002	1

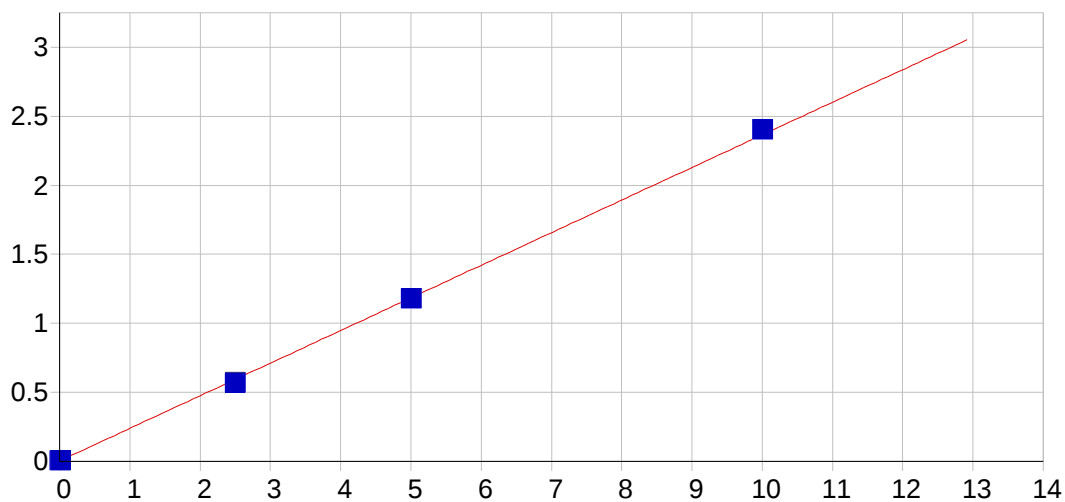


TI 190.856 {477}

Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000107 Re-Slope: 1.000000
 A1 (Gain): 0.109737 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999851 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.001317
 Predicted MQL: 0.004390

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00011	.000	1
S1	.04000	.04673	.007	16.8	.00512	.000	1
S3	2.5000	2.4106	-.089	-3.58	.26182	.001	1
S4	5.0000	4.9943	-.006	-.115	.54254	.002	1
S5	10.000	10.089	.089	.885	1.0959	.003	1

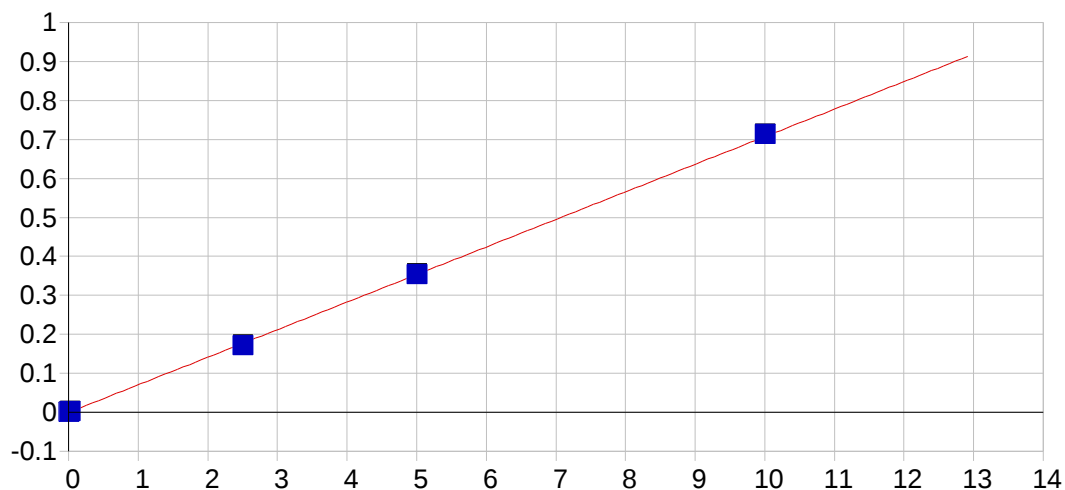


Pb 220.353 {453}

Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003220 Re-Slope: 1.000000
 A1 (Gain): 0.236200 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999783 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.000910
 Predicted MQL: 0.003034

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00322	.000	1
S1	.01200	.01336	.001	11.3	.00632	.000	1
S3	2.5000	2.3886	-.111	-4.46	.56660	.003	1
S4	5.0000	4.9626	-.037	-.748	1.1738	.004	1
S5	10.000	10.147	.147	1.47	2.3968	.002	1



Se 196.090 {472}

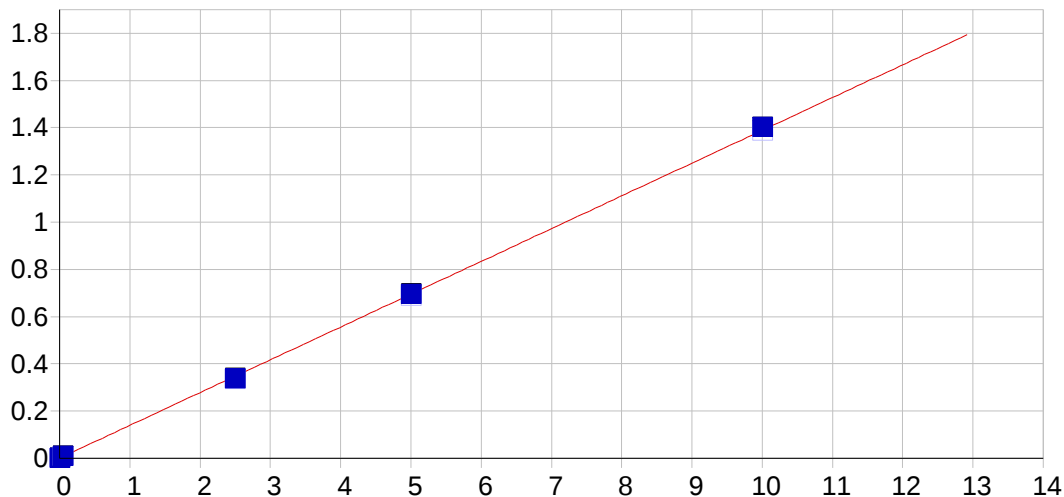
Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000138 Re-Slope: 1.000000
 A1 (Gain): 0.070718 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910
 Std Error of Est: 0.000023
 Predicted MDL: 0.002485
 Predicted MQL: 0.008284

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.02000	.01945	-.001	-2.75	.00124	.000	1
S3	2.5000	2.4223	-.078	-3.11	.17114	.001	1
S4	5.0000	4.9936	-.006	-.129	.35296	.002	1
S5	10.000	10.085	.085	.847	.71295	.000	1



Sb 206.833 {463}

Date of Fit: 1/30/2019 16:30:01

Type of Fit: Linear

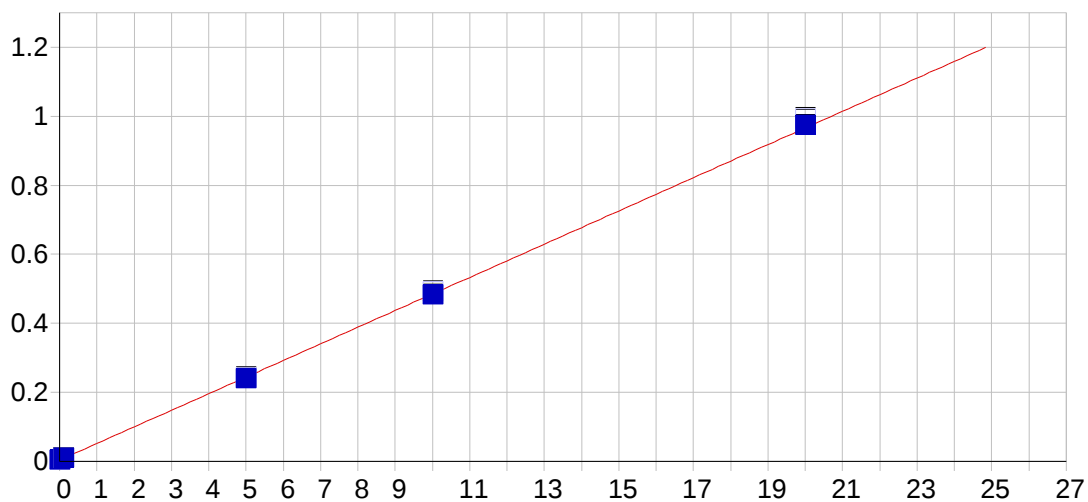
Weighting: 1/Conc

A0 (Offset): 0.000911
 A1 (Gain): 0.138800
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873
 Std Error of Est: 0.000084
 Predicted MDL: 0.001540
 Predicted MQL: 0.005132

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	.00091	.000	1
S1	.05000	.05625	.006	12.5	.00855	.000	1
S3	2.5000	2.4165	-.084	-3.34	.33242	.002	1
S4	5.0000	4.9903	-.010	-.195	.68576	.003	1
S5	10.000	10.087	.087	.871	1.3854	.001	1

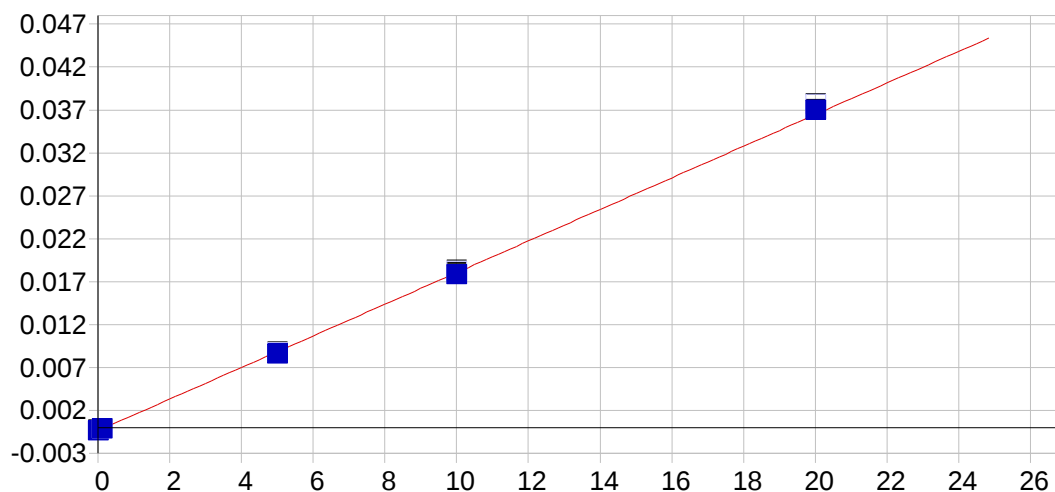


AI 308.215 {109}

Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003595 Re-Slope: 1.000000
 A1 (Gain): 0.048140 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.002497
 Predicted MQL: 0.008324

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00359	.000	1
S1	.10000	.11564	.016	15.6	.00950	.000	1
S3	5.0000	4.8817	-.118	-2.37	.24339	.001	1
S4	10.000	9.9506	-.049	-.494	.49221	.001	1
S5	20.000	20.151	.151	.756	.99286	.003	1



AI 309.271 {109}

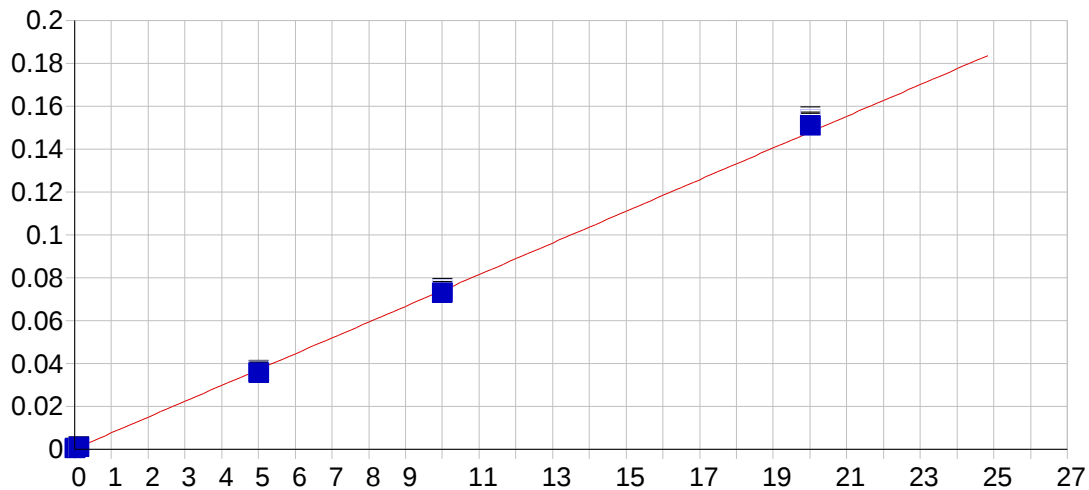
Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000369 Re-Slope: 1.000000
 A1 (Gain): 0.001841 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999861
 Std Error of Est: 0.000002
 Predicted MDL: 0.032150
 Predicted MQL: 0.107167

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00037	.000	1
S1	.10000	.10750	.007	7.50	-.00016	.000	1
S3	5.0000	4.8448	-.155	-3.10	.00874	.000	1
S4	10.000	9.8855	-.115	-1.15	.01820	.000	1
S5	20.000	20.262	.262	1.31	.03767	.000	1

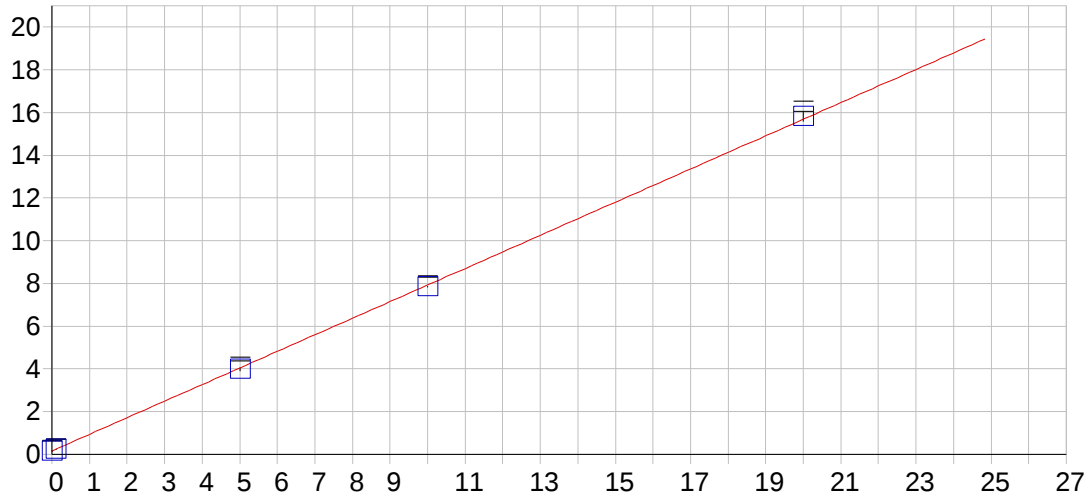


AI 396.152 { 85}

Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000246 Re-Slope: 1.000000
 A1 (Gain): 0.007385 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999730 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.013208
 Predicted MQL: 0.044026

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.000	1
S1	.10000	.10065	.001	.654	.00104	.000	1
S3	5.0000	4.7919	-.208	-4.16	.03637	.000	1
S4	10.000	9.8159	-.184	-1.84	.07420	.001	1
S5	20.000	20.392	.392	1.96	.15377	.001	1

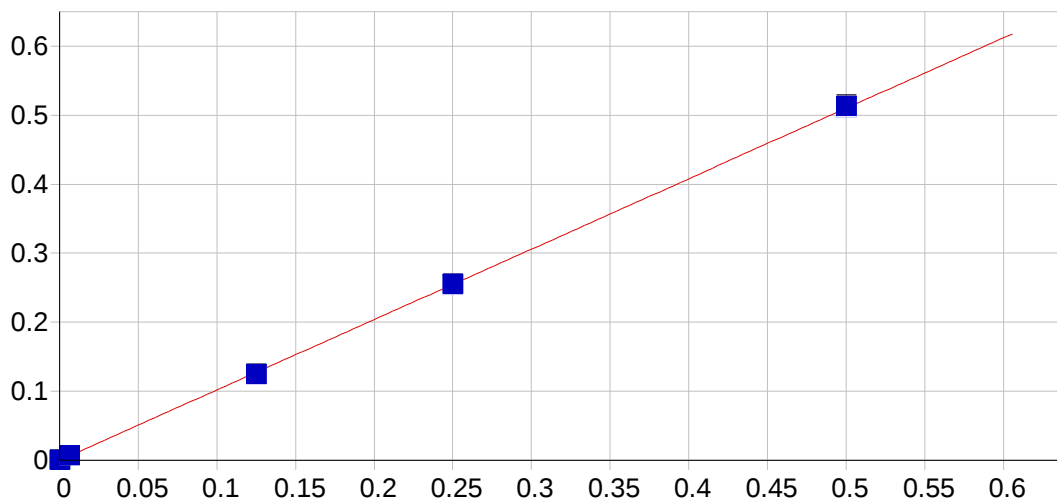


Ba 493.409 { 68}

Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.163577 Re-Slope: 1.000000
 A1 (Gain): 0.776251 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000677
 Predicted MDL: 0.004746
 Predicted MQL: 0.015819

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.16357	.015	1
S1	.10000	.10831	.008	8.31	.24765	.002	1
S3	5.0000	4.9228	-.077	-1.54	3.9849	.080	1
S5	20.000	20.176	.176	.879	15.825	.243	1
S4	10.000	9.8931	-.107	-1.07	7.8431	.035	1



Be 234.861 {144}

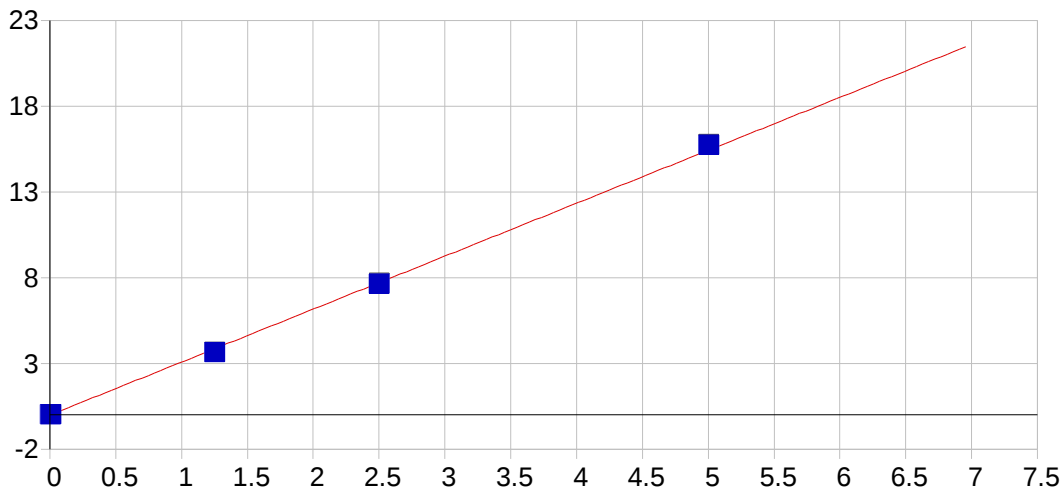
Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000051 Re-Slope: 1.000000
 A1 (Gain): 1.019778 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925
 Std Error of Est: 0.000037
 Predicted MDL: 0.000065
 Predicted MQL: 0.000216

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.00600	.00648	.000	8.06	.00660	.000	1
S3	.12500	.12196	-.003	-2.44	.12362	.000	1
S4	.25000	.24960	-.000	-.160	.25298	.000	1
S5	.50000	.50296	.003	.592	.50975	.002	1



Cd 226.502 {449}

Date of Fit: 1/30/2019 16:30:01

Type of Fit: Linear

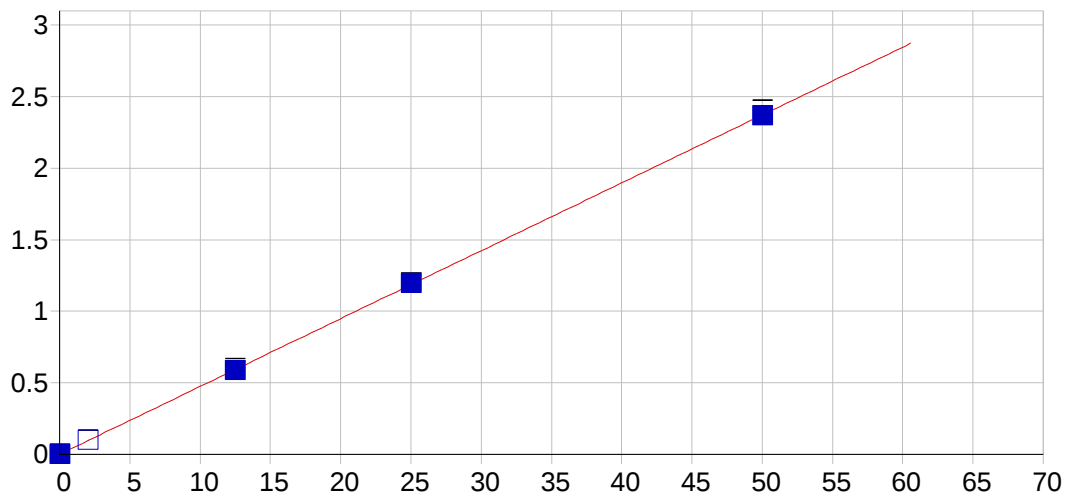
Weighting: 1/Conc

A0 (Offset): -0.001880
 A1 (Gain): 3.087018
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999637
 Std Error of Est: 0.000779
 Predicted MDL: 0.000082
 Predicted MQL: 0.000275

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	-.00188	.000	1
S1	.00600	.00610	.000	1.67	.01699	.000	1
S3	1.2500	1.1773	-.073	-5.82	3.6334	.009	1
S4	2.5000	2.4752	-.025	-.990	7.6410	.017	1
S5	5.0000	5.0974	.097	1.95	15.737	.028	1

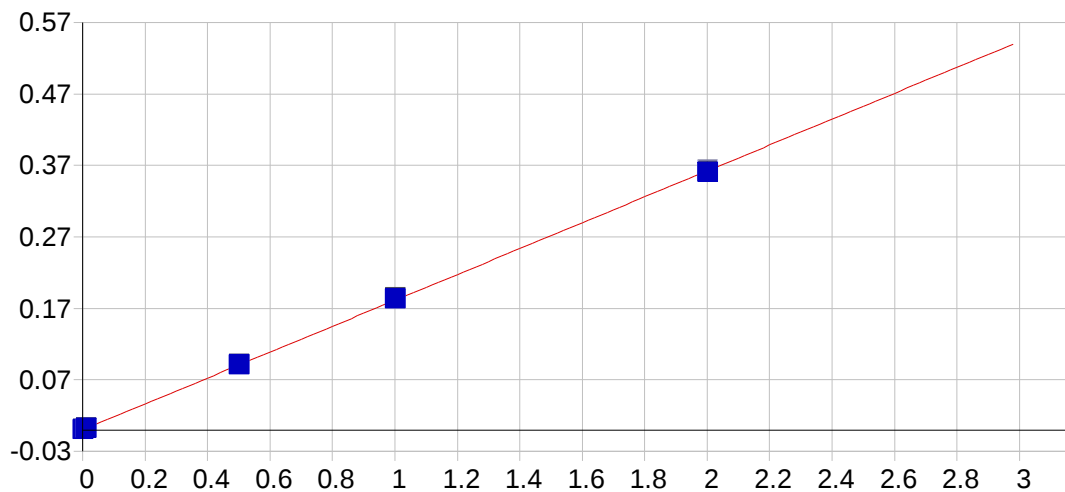


Ca 373.690 { 90}

Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000277 Re-Slope: 1.000000
 A1 (Gain): 0.047435 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000175
 Predicted MDL: 0.018309
 Predicted MQL: 0.061031

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0564	.056	2.82	.09782	.001	1
S0	.00000	-.00005	-.000	.000	.00028	.000	1
S3	12.500	12.380	-.120	-.961	.58783	.011	1
S4	25.000	25.167	.167	.669	1.1947	.006	1
S5	50.000	49.897	-.103	-.207	2.3684	.037	1



Cr 267.716 {126}

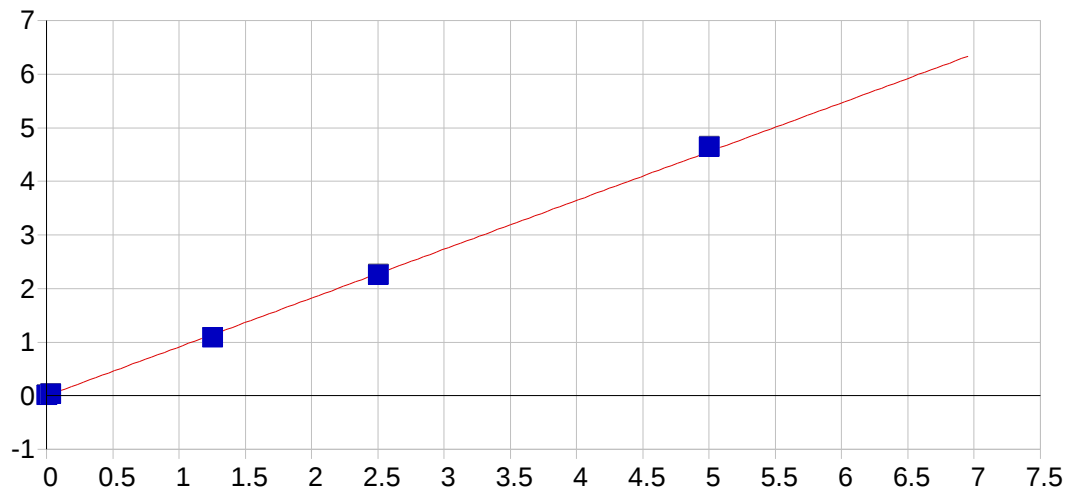
Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000003 Re-Slope: 1.000000
 A1 (Gain): 0.181143 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929
 Std Error of Est: 0.000017
 Predicted MDL: 0.000453
 Predicted MQL: 0.001511

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.01000	.01180	.002	18.0	.00215	.000	1
S3	.50000	.50061	.001	.121	.09136	.000	1
S4	1.0000	1.0100	.010	.996	.18430	.000	1
S5	2.0000	1.9876	-.012	-.618	.36275	.000	1



Co 228.616 {447}

Date of Fit: 1/30/2019 16:30:01

Type of Fit: Linear

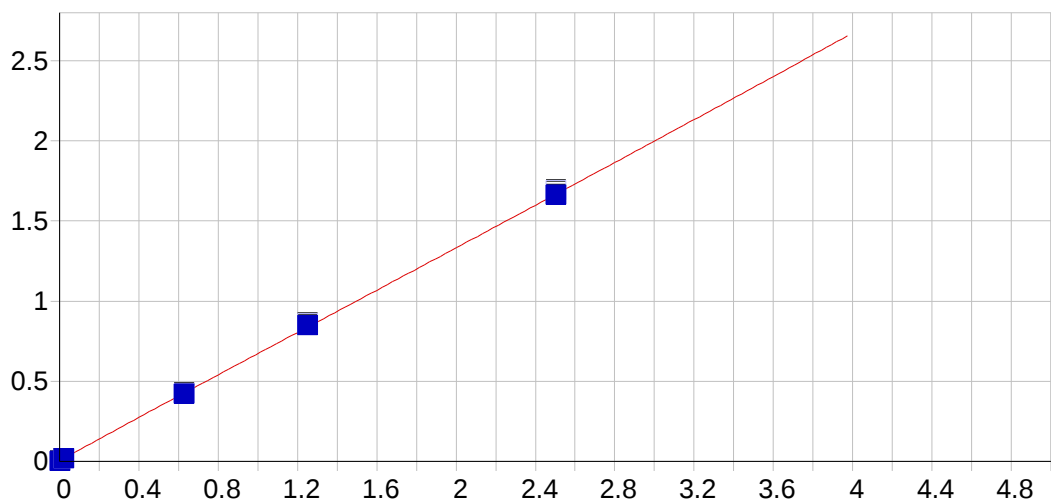
Weighting: 1/Conc

A0 (Offset): -0.000659
 A1 (Gain): 0.910798
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999666
 Std Error of Est: 0.000493
 Predicted MDL: 0.000226
 Predicted MQL: 0.000755

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	-.00066	.000	1
S1	.03000	.03494	.005	16.5	.03098	.000	1
S3	1.2500	1.1862	-.064	-5.10	1.0806	.002	1
S4	2.5000	2.4723	-.028	-1.11	2.2529	.008	1
S5	5.0000	5.0866	.087	1.73	4.6358	.008	1

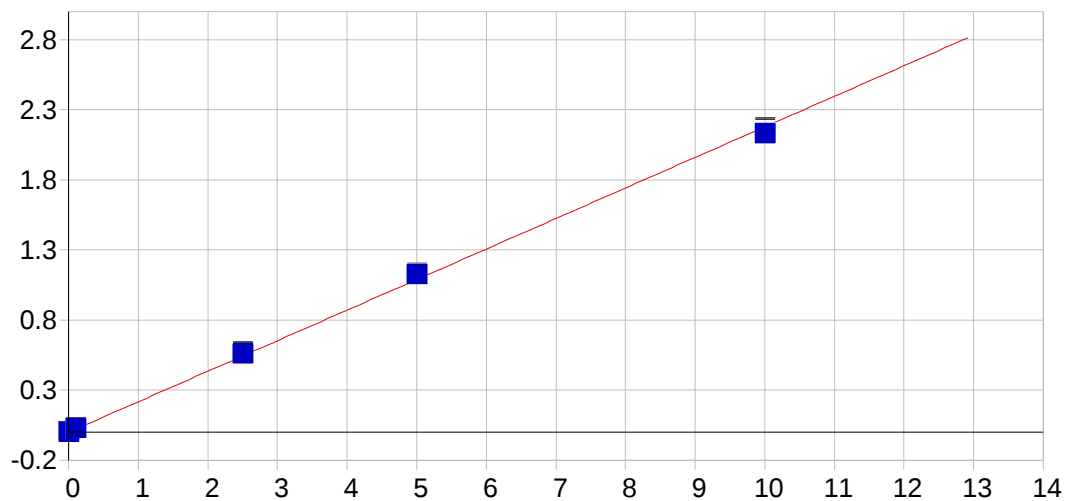


Cu 224.700 {450}

Date of Fit: 1/30/2019 16:30:01 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000636 Re-Slope: 1.000000
 A1 (Gain): 0.663161 Y-int: 0.000000
 A2 (Curvature): 0.008693
 n (Exponent): 0.970000
 Correlation: 0.999961 Status: Warning Positive Curvature
 Std Error of Est: 0.000126
 Predicted MDL: 0.000437
 Predicted MQL: 0.001455

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00064	.000	1
S1	.02000	.02054	.001	2.70	.01615	.000	1
S3	.62500	.61477	-.010	-1.64	.42440	.001	1
S4	1.2500	1.2645	.014	1.16	.86042	.002	1
S5	2.5000	2.4953	-.005	-.189	1.6887	.004	1



Fe 240.488 {140}

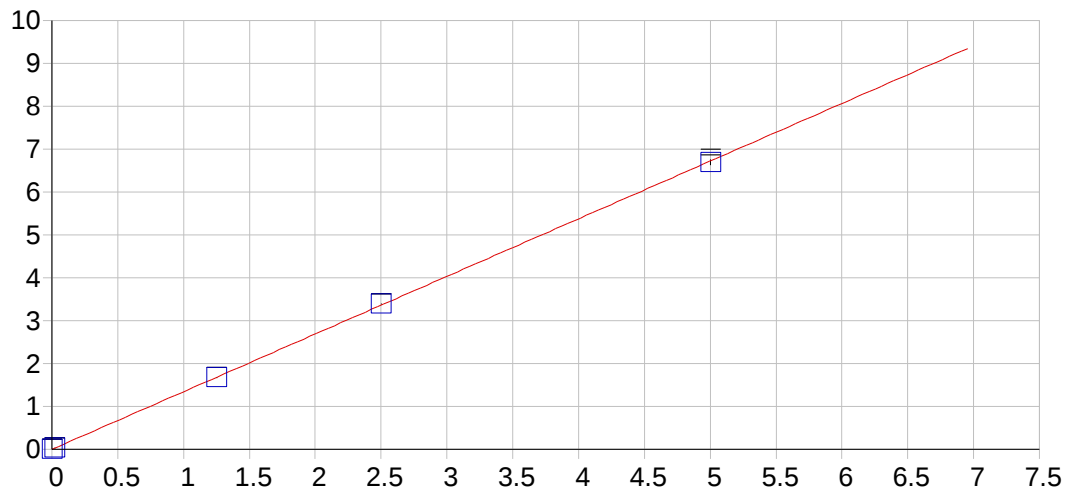
Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000516 Re-Slope: 1.000000
 A1 (Gain): 0.217886 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999516
 Std Error of Est: 0.000369
 Predicted MDL: 0.003008
 Predicted MQL: 0.010025

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00052	.000	1
S1	.10000	.12262	.023	22.6	.02631	.000	1
S3	2.5000	2.5660	.066	2.64	.56132	.010	1
S4	5.0000	5.1516	.152	3.03	1.1274	.007	1
S5	10.000	9.7598	-.240	-2.40	2.1370	.033	1



Mn 257.610 {131}

Date of Fit: 1/30/2019 16:30:01

Type of Fit: Linear

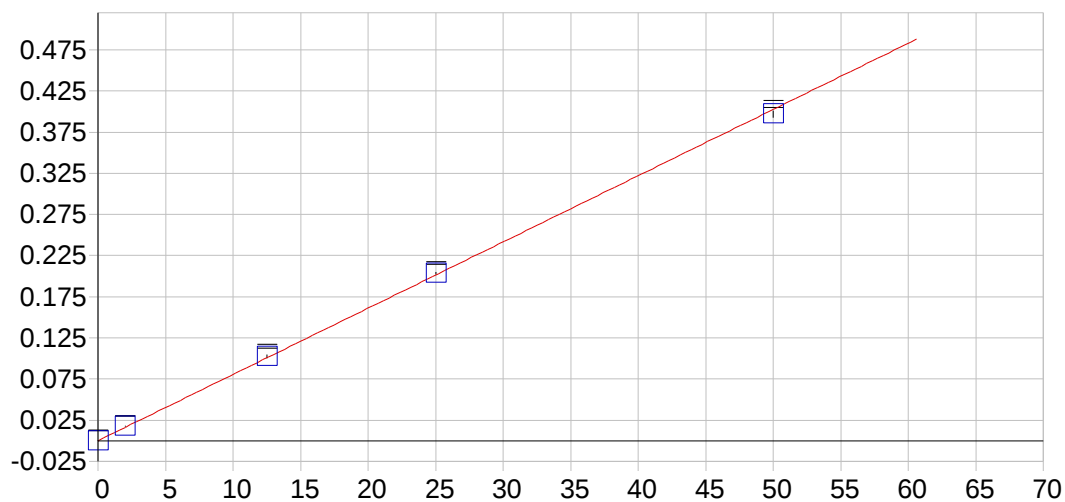
Weighting: 1/Conc

A0 (Offset): 0.000108
 A1 (Gain): 1.344190
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940
 Std Error of Est: 0.000251
 Predicted MDL: 0.000061
 Predicted MQL: 0.000203

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	.00010	.000	1
S1	.02000	.02391	.004	19.6	.03225	.000	1
S3	1.2500	1.2451	-.005	-.389	1.6738	.001	1
S4	2.5000	2.5212	.021	.849	3.3891	.005	1
S5	5.0000	4.9797	-.020	-.406	6.6938	.065	1

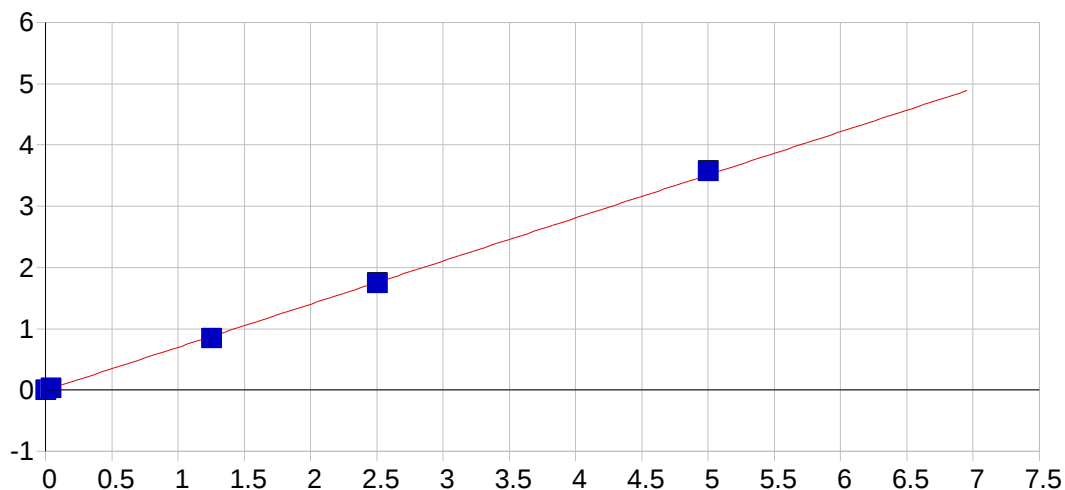


Mg 279.079 {121}

Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000138 Re-Slope: 1.000000
 A1 (Gain): 0.008048 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.048944
 Predicted MQL: 0.163146

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1853	.185	9.27	.01772	.000	1
S0	.00000	-.00022	-.000	.000	.00014	.000	1
S3	12.500	12.725	.225	1.80	.10255	.002	1
S4	25.000	25.268	.268	1.07	.20349	.002	1
S5	50.000	49.321	-.679	-1.36	.39705	.004	1



Ni 231.604 {445}

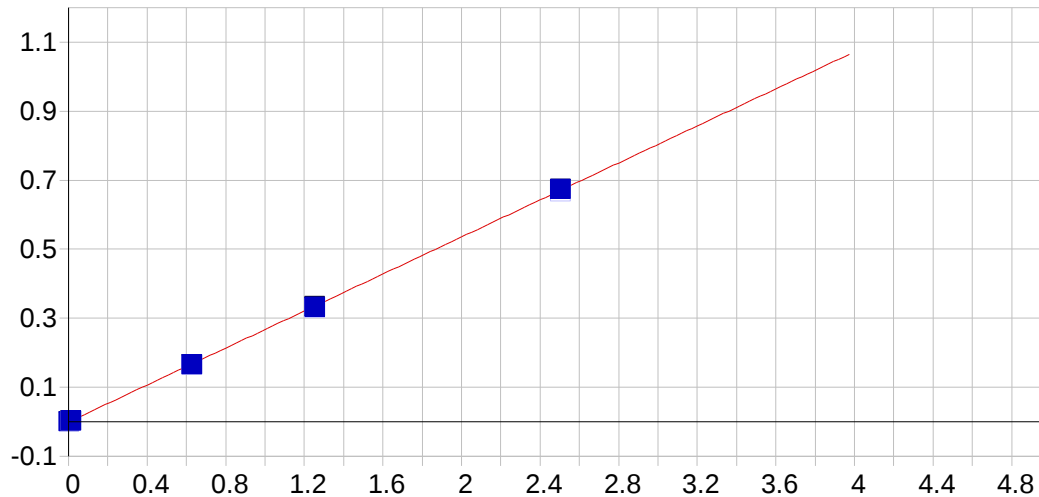
Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004862 Re-Slope: 1.000000
 A1 (Gain): 0.703777 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999734
 Std Error of Est: 0.000393
 Predicted MDL: 0.000351
 Predicted MQL: 0.001171

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00487	.000	1
S1	.04000	.04547	.005	13.7	.02716	.000	1
S3	1.2500	1.1918	-.058	-4.66	.83485	.002	1
S4	2.5000	2.4798	-.020	-.807	1.7423	.005	1
S5	5.0000	5.0729	.073	1.46	3.5692	.006	1



Ag 328.068 {103}

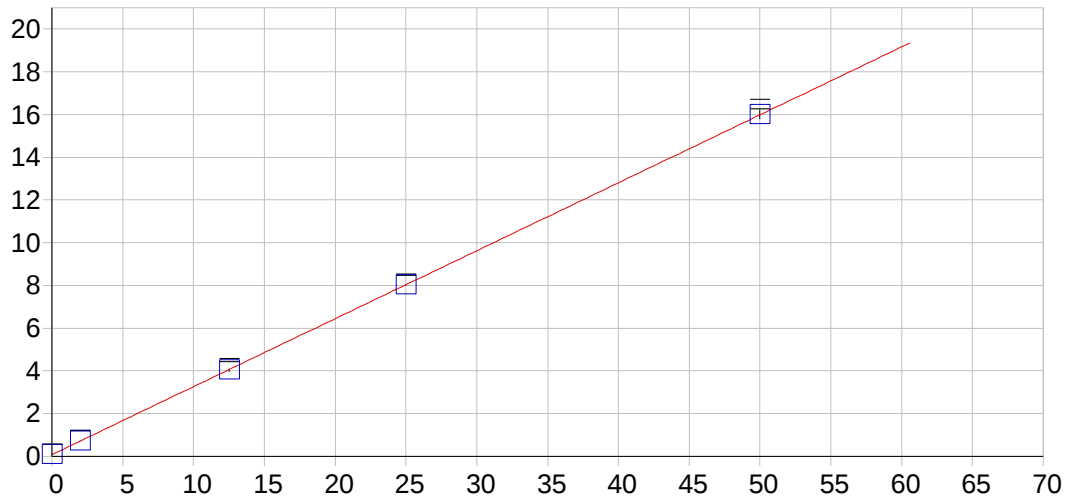
Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000741
 A1 (Gain): 0.268166
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945
 Std Error of Est: 0.000024
 Predicted MDL: 0.000534
 Predicted MQL: 0.001779

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	-.00074	.000	1
S1	.01000	.01167	.002	16.7	.00233	.000	1
S3	.62500	.61670	-.008	-1.33	.16273	.000	1
S4	1.2500	1.2445	-.005	-.436	.32920	.001	1
S5	2.5000	2.5121	.012	.484	.66531	.001	1

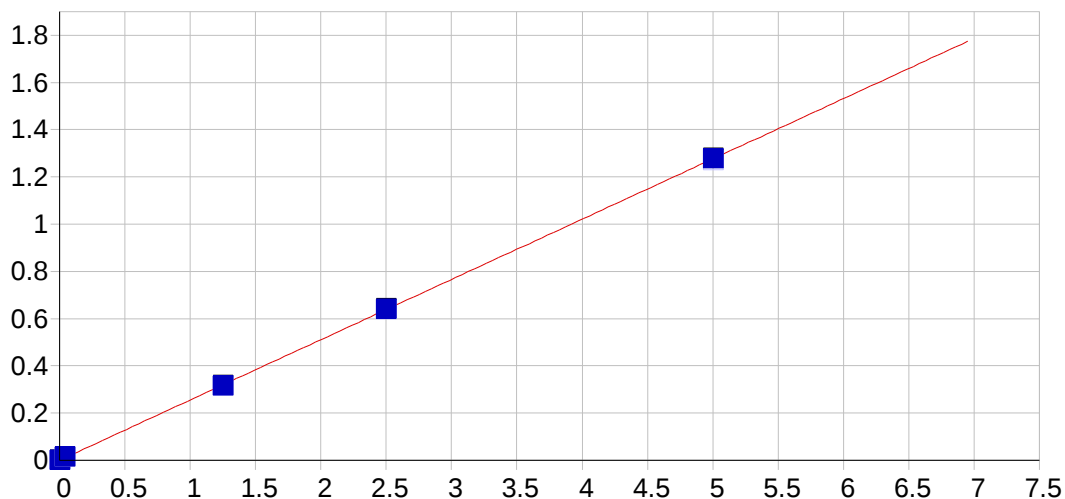


Na 589.592 { 57}

Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.085611 Re-Slope: 1.000000
 A1 (Gain): 0.318055 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000598
 Predicted MDL: 0.009808
 Predicted MQL: 0.032692

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0296	.030	1.48	.73112	.004	1
S0	.00000	-.00002	-.000	.000	.08560	.010	1
S3	12.500	12.421	-.079	-.634	4.0361	.077	1
S4	25.000	24.978	-.022	-.088	8.0300	.039	1
S5	50.000	50.072	.072	.143	16.011	.227	1



V 292.402 {115}

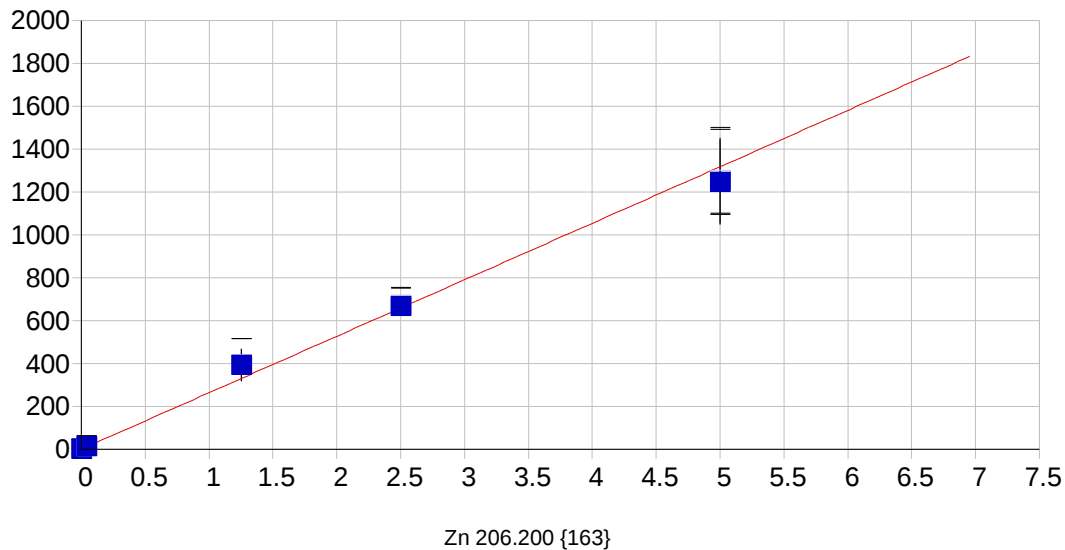
Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000323 Re-Slope: 1.000000
 A1 (Gain): 0.255231 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881
 Std Error of Est: 0.000095
 Predicted MDL: 0.000419
 Predicted MQL: 0.001398

Status: OK.

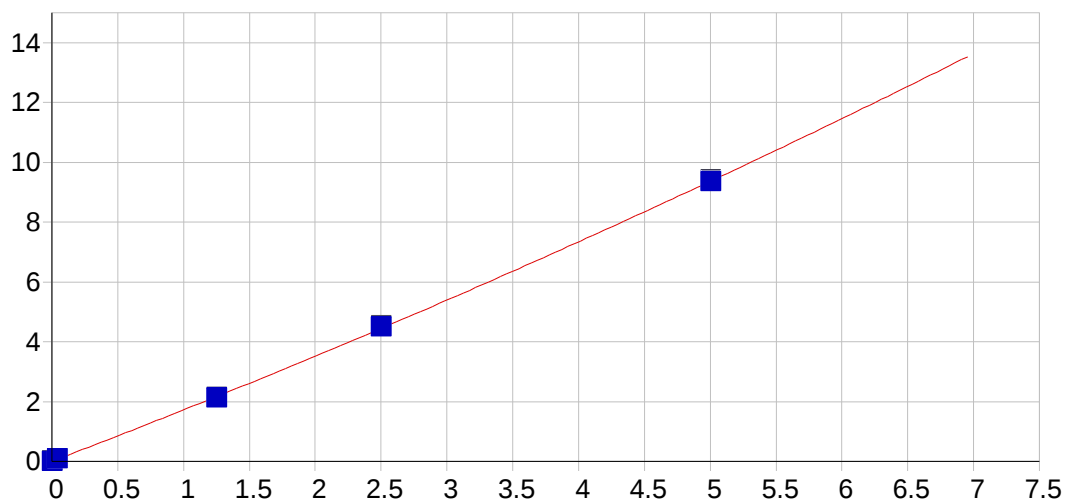
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00032	.000	1
S1	.04000	.04861	.009	21.5	.01257	.000	1
S3	1.2500	1.2347	-.015	-1.22	.31338	.001	1
S4	2.5000	2.5088	.009	.353	.63648	.001	1
S5	5.0000	4.9979	-.002	-.042	1.2676	.003	1



Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.440732 Re-Slope: 1.000000
 A1 (Gain): 263.457368 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996545 Status: OK.
 Std Error of Est: 0.534430
 Predicted MDL: 0.000292
 Predicted MQL: 0.000973

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.43704	.106	1
S1	.04000	.04817	.008	20.4	13.199	1.73	1
S3	1.2500	1.4865	.236	18.9	394.05	75.2	1
S4	2.5000	2.5296	.030	1.18	670.85	36.9	1
S5	5.0000	4.7258	-.274	-5.48	1253.5	199.	1

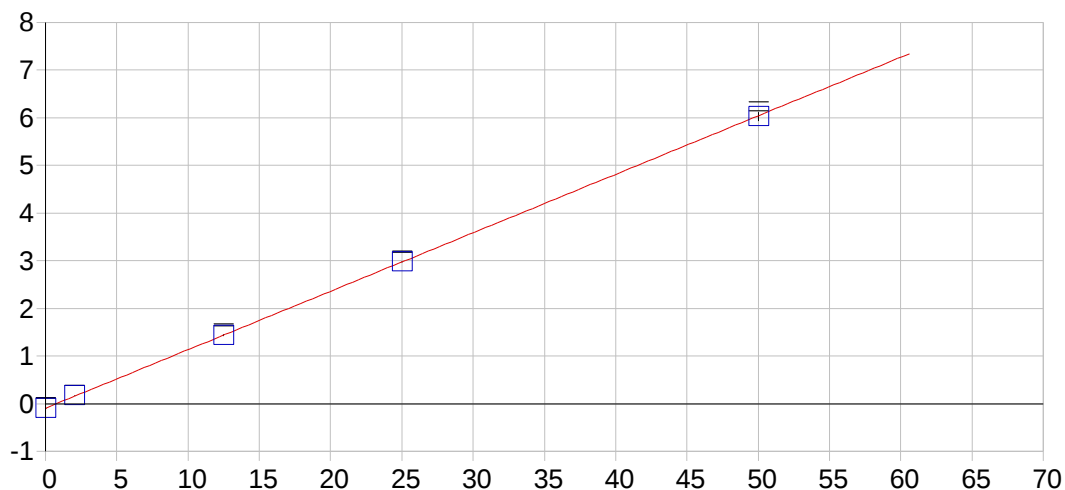


Zn 213.856 {458}

Date of Fit: 1/30/2019 16:30:01 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.002697 Re-Slope: 1.000000
 A1 (Gain): 1.682483 Y-int: 0.000000
 A2 (Curvature): 0.037890
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: Warning Positive Curvature
 Std Error of Est: 0.000751
 Predicted MDL: 0.000104
 Predicted MQL: 0.000345

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00269	.000	1
S1	.04000	.04685	.007	17.1	.08204	.001	1
S3	1.2500	1.2253	-.025	-1.98	2.1338	.006	1
S4	2.5000	2.5230	.023	.919	4.5142	.014	1
S5	5.0000	4.9949	-.005	-.103	9.4026	.021	1



K 766.490 {44}

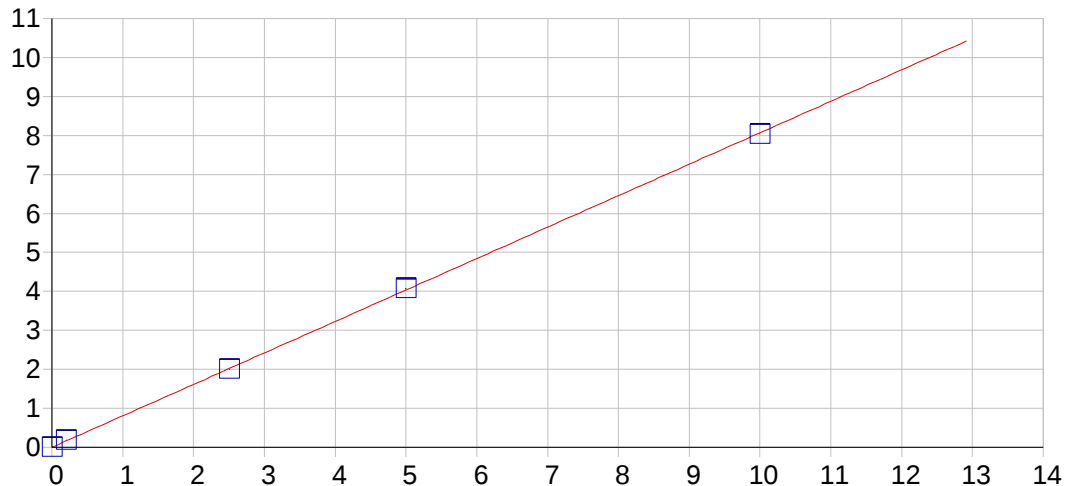
Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.095030 Re-Slope: 1.000000
 A1 (Gain): 0.122726 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000591
 Predicted MDL: 0.031513
 Predicted MQL: 0.105042

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1143	.114	5.71	.16445	.002	1
S0	.00000	-.00011	-.000	.000	-.09504	.007	1
S3	12.500	12.490	-.010	-.082	1.4378	.024	1
S4	25.000	25.034	.034	.137	2.9773	.018	1
S5	50.000	49.862	-.138	-.277	6.0243	.091	1



Mo 202.030 {467}

Date of Fit: 1/30/2019 16:30:01

Type of Fit: Linear

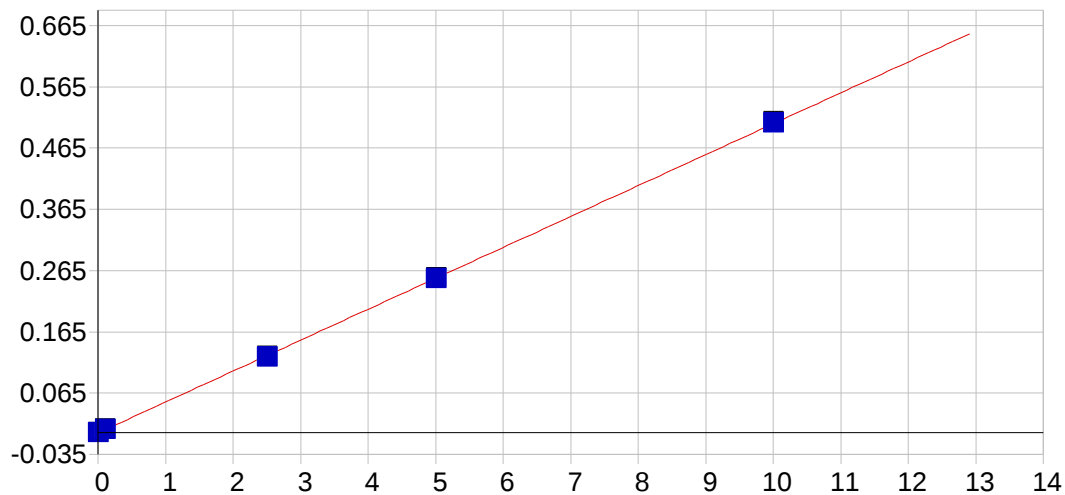
Weighting: 1/Conc

A0 (Offset): 0.000116
 A1 (Gain): 0.806943
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879
 Std Error of Est: 0.000965
 Predicted MDL: 0.000243
 Predicted MQL: 0.000810

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	-.00003	-.000	.000	.00009	.000	1
S1	.20000	.22715	.027	13.6	.18341	.001	1
S3	2.5000	2.4821	-.018	-.716	2.0030	.007	1
S4	5.0000	5.0365	.036	.730	4.0643	.017	1
S5	10.000	9.9543	-.046	-.457	8.0326	.012	1

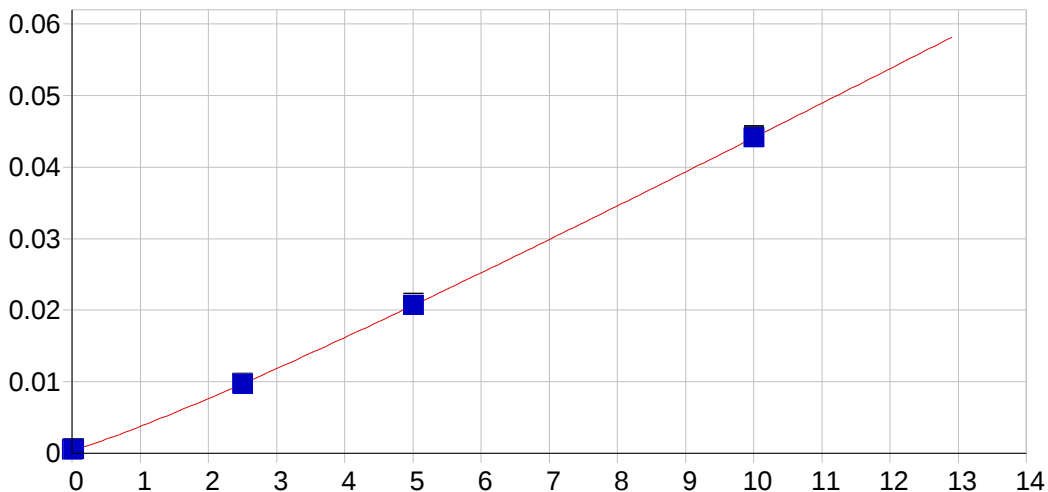


B 249.678 {135}

Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.050463 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.007586
 Predicted MQL: 0.025287

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00000	.000	1
S1	.10000	.12148	.021	21.5	.00611	.000	1
S3	2.5000	2.4529	-.047	-1.88	.12348	.001	1
S4	5.0000	4.9950	-.005	-.100	.25147	.001	1
S5	10.000	10.031	.031	.307	.50499	.002	1



S 182.034 {485}

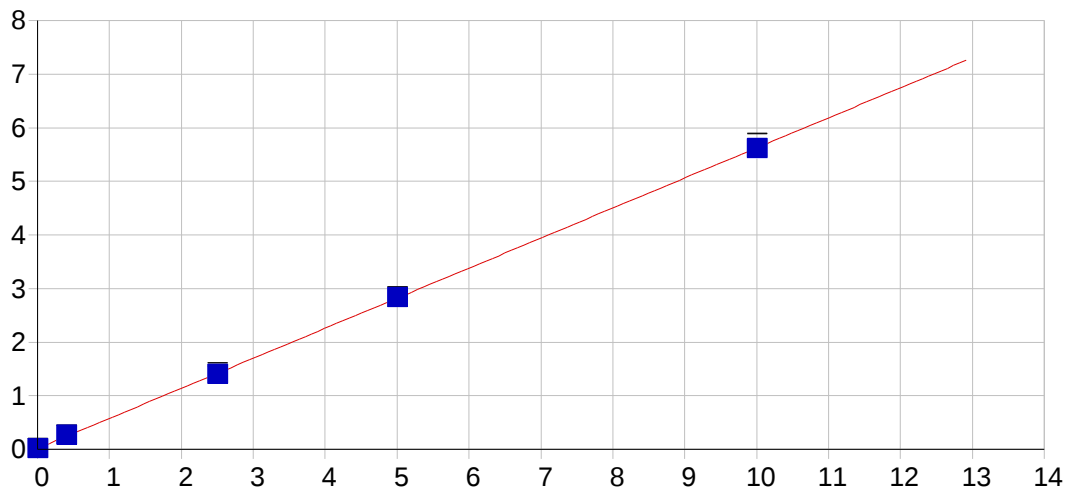
Date of Fit: 1/30/2019 16:30:01 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000482 Re-Slope: 1.000000
 A1 (Gain): 0.003272 Y-int: 0.000000

A2 (Curvature): -0.000008
 n (Exponent): 1.140000
 Correlation: 0.999999
 Std Error of Est: 0.000000
 Predicted MDL: 0.026368
 Predicted MQL: 0.087892

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00048	.000	1
S1	.02000	.02115	.001	5.75	.00052	.000	1
S3	2.5000	2.4939	-.006	-.245	.00968	.000	1
S4	5.0000	5.0070	.007	.141	.02067	.000	1
S5	10.000	9.9982	-.002	-.018	.04407	.000	1



Si 288.158 {117}

Date of Fit: 1/30/2019 16:30:01

Type of Fit: Linear

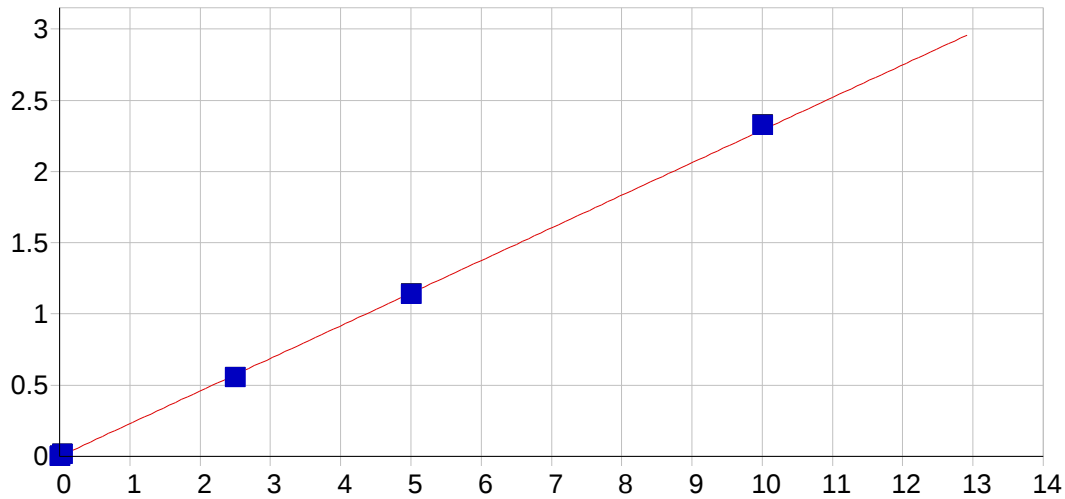
Weighting: 1/Conc

A0 (Offset): 0.015762
 A1 (Gain): 0.560687
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875
 Std Error of Est: 0.000969
 Predicted MDL: 0.002231
 Predicted MQL: 0.007436

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	-.00003	-.000	.000	.01574	.001	1
S1	.40000	.43787	.038	9.47	.26108	.001	1
S3	2.5000	2.4599	-.040	-1.60	1.3942	.028	1
S4	5.0000	5.0296	.030	.592	2.8343	.007	1
S5	10.000	9.9727	-.027	-.273	5.6043	.095	1

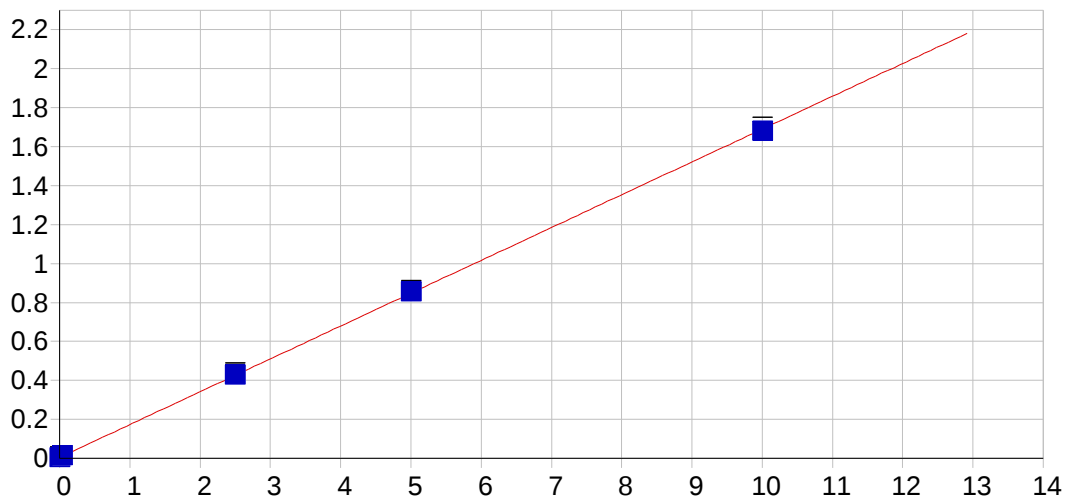


Sn 189.989 {477}

Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001039 Re-Slope: 1.000000
 A1 (Gain): 0.229004 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999805 Status: OK.
 Std Error of Est: 0.000155
 Predicted MDL: 0.000560
 Predicted MQL: 0.001868

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00104	.000	1
S1	.04000	.04600	.006	15.0	.01157	.000	1
S3	2.5000	2.4015	-.098	-3.94	.55109	.002	1
S4	5.0000	4.9602	-.040	-.795	1.1372	.005	1
S5	10.000	10.132	.132	1.32	2.3218	.005	1



Ti 336.121 {100}

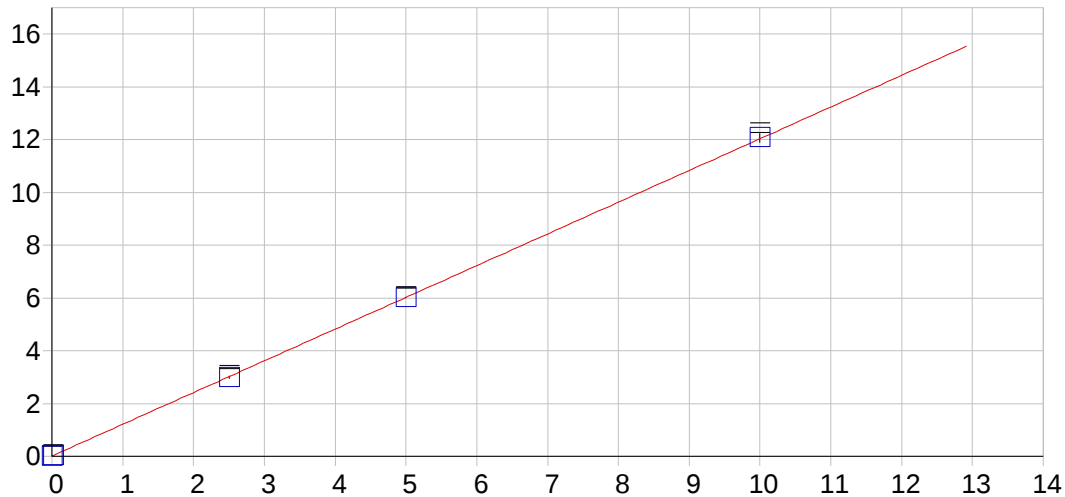
Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004844 Re-Slope: 1.000000
 A1 (Gain): 0.168529 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918
 Std Error of Est: 0.000074
 Predicted MDL: 0.003320
 Predicted MQL: 0.011068

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00484	.000	1
S1	.04000	.04881	.009	22.0	.01307	.000	1
S3	2.5000	2.5147	.015	.589	.42859	.009	1
S4	5.0000	5.0444	.044	.889	.85487	.005	1
S5	10.000	9.9320	-.068	-.680	1.6785	.020	1



Li 670.784 { 50}

Date of Fit: 1/30/2019 16:30:01

Type of Fit: Linear

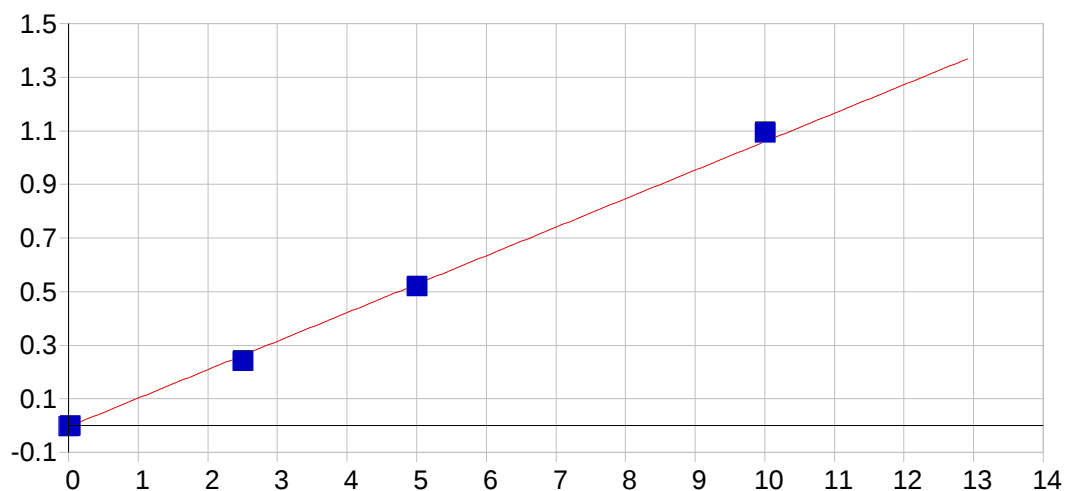
Weighting: 1/Conc

A0 (Offset): 0.011964
 A1 (Gain): 1.202123
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000126
 Predicted MDL: 0.002456
 Predicted MQL: 0.008185

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	.01196	.002	1
S1	.02000	.02021	.000	1.04	.03626	.002	1
S3	2.5000	2.4747	-.025	-1.01	2.9869	.057	1
S4	5.0000	4.9979	-.002	-.041	6.0201	.030	1
S5	10.000	10.027	.027	.271	12.066	.179	1



P 177.495 {490}

Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004015 Re-Slope: 1.000000
 A1 (Gain): 0.106335 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999192 Status: OK.
 Std Error of Est: 0.000103
 Predicted MDL: 0.001251
 Predicted MQL: 0.004170

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00401	.000	1
S1	.02000	.01775	-.002	-11.3	-.00213	.000	1
S3	2.5000	2.2935	-.207	-8.26	.23948	.001	1
S4	5.0000	4.9059	-.094	-1.88	.51689	.002	1
S5	10.000	10.303	.303	3.03	1.0900	.004	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







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

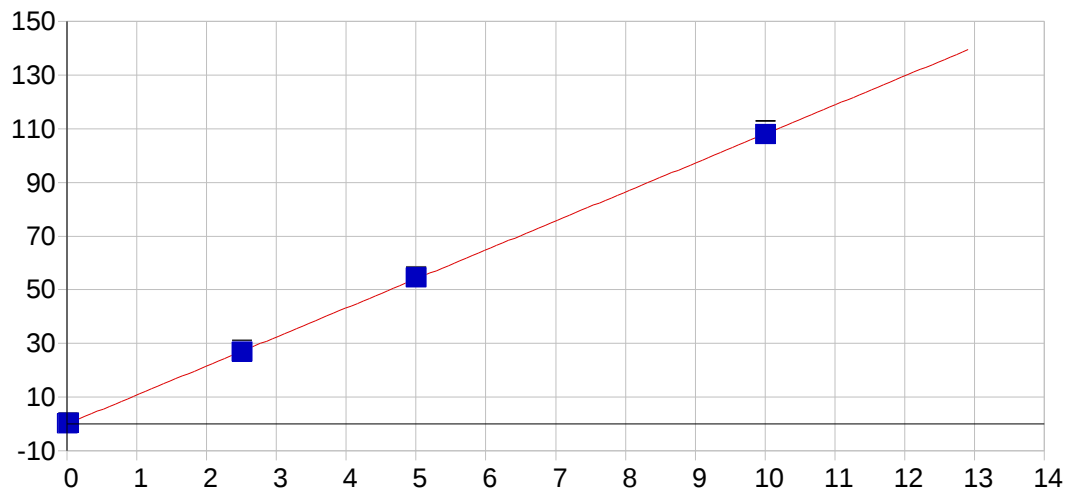
Status: Warning Zero Gain

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
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Sr 407.771 { 83}

Date of Fit: 1/30/2019 16:30:01

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005242

Re-Slope: 1.000000

A1 (Gain): 10.803034

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999982

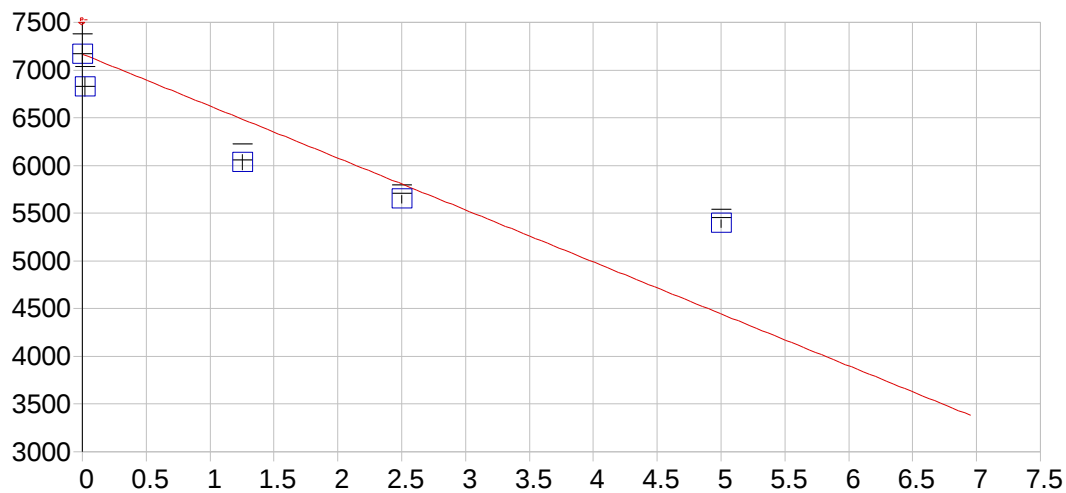
Status: OK.

Std Error of Est: 0.001555

Predicted MDL: 0.000115

Predicted MQL: 0.000384

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00525	.001	1
S1	.02000	.02124	.001	6.21	.22543	.001	1
S3	2.5000	2.4835	-.017	-.661	26.854	.479	1
S4	5.0000	5.0425	.043	.851	54.529	.220	1
S5	10.000	9.9728	-.027	-.272	107.85	1.37	1

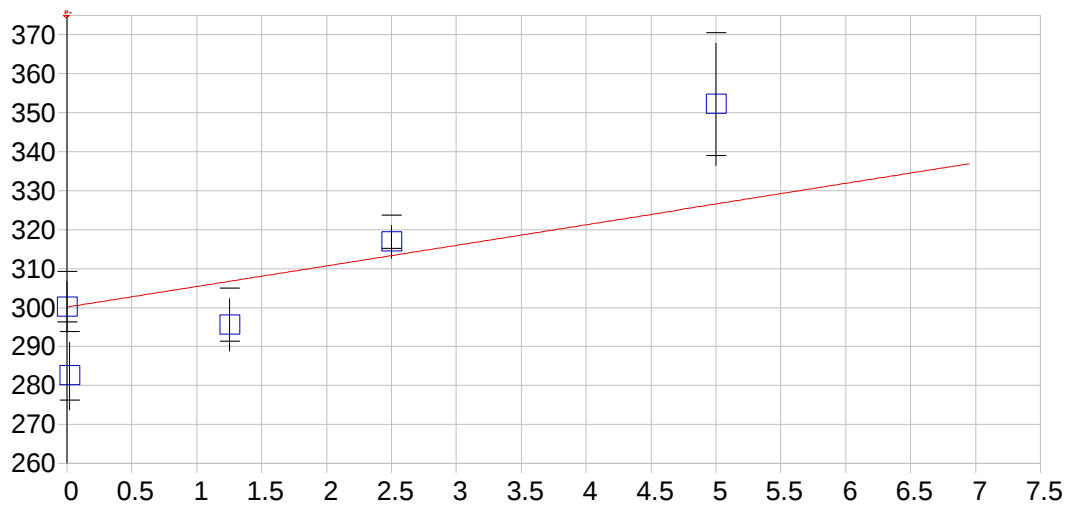


U 367.007 { 92 }

Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 7167.386252 Re-Slope: 1.000000
A1 (Gain): -544.468457 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.554101 Status: Warning Negative Gain
Std Error of Est: 13.978156
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00062	-.001	.000	7167.7	104.	1
S1	.02000	.62954	.610	3050.	6824.6	103.	1
S3	1.2500	2.0849	.835	66.8	6032.2	83.4	1
S4	2.5000	2.7946	.295	11.8	5645.8	43.6	1
S5	5.0000	3.2610	-1.74	-34.8	5391.9	45.4	1



U 385.958 { 87}

Date of Fit: 1/30/2019 16:30:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 300.145785 Re-Slope: 1.000000
 A1 (Gain): 5.285325 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.122371 Status: OK.
 Std Error of Est: 0.732529
 Predicted MDL: 2.270851
 Predicted MQL: 7.569505

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00338	.003	.000	300.16	6.41	1
S1	.02000	-3.3500	-3.37	-16900.	282.44	8.82	1
S3	1.2500	-.87174	-2.12	-170.	295.54	6.77	1
S4	2.5000	3.1598	.660	26.4	316.85	4.25	1
S5	5.0000	9.8320	4.83	96.6	352.11	15.8	1

Sample Name: S0 Acquired: 1/30/2019 11:25:42 Type: Cal
Method: P4-ICP2(v2806) 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	-.00013	.00011	.00322	-.00014	.00091	.00025	.16357	.00005
Stddev	.00010	.00007	.00014	.00008	.00012	.00005	.01548	.00005
%RSD	74.098	64.064	4.3639	56.685	13.642	18.778	9.4655	98.336
#1	-.00022	.00017	.00323	-.00005	.00084	.00020	.18137	.00006
#2	-.00015	.00004	.00308	-.00019	.00105	.00029	.15325	.00009
#3	-.00003	.00011	.00336	-.00018	.00083	.00025	.15609	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00188	.00028	.00000	-.00066	.00064	-.00052	.00010	.00014
Stddev	.00019	.00012	.00000	.00007	.00004	.00038	.00009	.00027
%RSD	9.9836	42.134	100.26	11.167	5.5838	72.590	84.867	194.56
#1	-.00168	.00031	.00000	-.00074	.00063	-.00038	.00003	.00014
#2	-.00190	.00037	-.00000	-.00066	.00060	-.00095	.00020	-.00013
#3	-.00206	.00015	.00000	-.00059	.00067	-.00023	.00008	.00040
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	-.00487	-.00074	.08560	.00032	.00269	-.09504	.00009	-.00000
Stddev	.00017	.00005	.00999	.00007	.00008	.00668	.00008	.00010
%RSD	3.4147	7.1174	11.676	20.656	2.9210	7.0259	81.723	6341.9
#1	-.00506	-.00080	.09707	.00029	.00277	-.10175	.00001	.00012
#2	-.00477	-.00070	.07871	.00040	.00263	-.08840	.00013	-.00005
#3	-.00477	-.00072	.08104	.00027	.00266	-.09498	.00015	-.00008
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	.00048	.01574	.00104	.00484	.01196	-.0040	-.00525	7167.7
Stddev	.00008	.00113	.00005	.00047	.00220	.0001	.00070	104.2
%RSD	16.431	7.1557	4.7202	9.6448	18.402	3.202	13.382	1.4539
#1	.00057	.01489	.00099	.00430	.01450	-.0039	-.00549	7121.0
#2	.00042	.01702	.00109	.00509	.01056	-.0041	-.00446	7287.1
#3	.00046	.01532	.00103	.00513	.01083	-.0040	-.00581	7095.1

Sample Name: S0 Acquired: 1/30/2019 11:25:42 Type: Cal
 Method: P4-ICP2(v2806) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	300.16
Stddev	6.41
%RSD	2.1369

#1	306.36
#2	300.58
#3	293.55

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3965.6	48901.	3887.2	10.957	4463.7
Stddev	14.9	323.	290.5	.469	4.6
%RSD	.37614	.66090	7.4739	4.2778	.10411

#1	3981.6	48528.	3555.3	10.861	4467.2
#2	3952.0	49095.	4095.3	11.466	4465.6
#3	3963.3	49079.	4011.2	10.543	4458.5

Sample Name: S1 Acquired: 1/30/2019 11:30:09 Type: Cal
Method: P4-ICP2(v2806) 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	.00145	.00512	.00632	.00124	.00855	.00104	.24765	.00660
Stddev	.00002	.00014	.00012	.00005	.00022	.00002	.00247	.00008
%RSD	1.6961	2.7394	1.8880	4.0309	2.5687	2.3300	.99862	1.2192

#1	.00145	.00510	.00643	.00121	.00836	.00104	.24854	.00656
#2	.00143	.00499	.00633	.00130	.00879	.00106	.24956	.00655
#3	.00148	.00527	.00620	.00121	.00849	.00102	.24486	.00669

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	.01699	.00215	.03098	.01615	.02631	.03225	.02716	.00233
Stddev	.00007	.00006	.00037	.00013	.00026	.00023	.00041	.00005
%RSD	.40778	2.9069	1.1947	.81369	.98984	.71253	1.5167	2.1424

#1	.01707	.00209	.03140	.01624	.02660	.03235	.02755	.00238
#2	.01695	.00222	.03080	.01600	.02621	.03199	.02719	.00234
#3	.01694	.00214	.03073	.01621	.02611	.03241	.02673	.00228

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	.01257	.08204	.18341	.00611	.00052	.26108	.01157	.01307
Stddev	.00002	.00079	.00064	.00039	.00011	.00057	.00018	.00011
%RSD	.15367	.95945	.34708	6.3436	20.355	.21928	1.5549	.86753

#1	.01255	.08287	.18411	.00600	.00064	.26123	.01176	.01306
#2	.01259	.08195	.18287	.00654	.00046	.26156	.01141	.01296
#3	.01257	.08130	.18326	.00579	.00045	.26045	.01155	.01318

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03626	-.0021	.22543	6824.6	282.44
Stddev	.00232	.0000	.00148	103.0	8.82
%RSD	6.4111	.7389	.65517	1.5085	3.1222

#1	.03745	-.0021	.22483	6713.3	291.84
#2	.03774	-.0021	.22711	6916.5	274.35
#3	.03358	-.0021	.22435	6844.1	281.13

Sample Name: S1 Acquired: 1/30/2019 11:30:09 Type: Cal
Method: P4-ICP2(v2806) 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	3951.7	48660.	3968.5	12.052	4398.5
Stddev	16.7	99.	18.7	1.590	19.9
%RSD	.42251	.20306	.47013	13.194	.45242
#1	3942.8	48547.	3974.4	12.559	4375.8
#2	3971.0	48725.	3947.5	13.327	4407.0
#3	3941.4	48709.	3983.4	10.270	4412.7

Sample Name: S2 Acquired: 1/30/2019 11:34:34 Type: Cal
Method: P4-ICP2(v2806) 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	.09782	.01772	.73112	.16445
Stddev	.00058	.00031	.00373	.00208
%RSD	.58971	1.7429	.51016	1.2629

#1	.09723	.01743	.73511	.16279
#2	.09839	.01770	.73055	.16377
#3	.09785	.01805	.72771	.16678

Int. Std.	Y_3710
Units	Cts/S
Avg	3985.4
Stddev	38.6
%RSD	.96767

#1	3948.8
#2	3981.9
#3	4025.7

Sample Name: S3 Acquired: 1/30/2019 11:38:51 Type: Cal
Method: P4-ICP2(v2806) 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	.17339	.26182	.56660	.17114	.33242	.03637	3.9849	.12362
Stddev	.00057	.00051	.00252	.00057	.00215	.00022	.0804	.00028
%RSD	.32782	.19309	.44400	.33503	.64609	.59725	2.0167	.22744

#1	.17273	.26151	.56527	.17048	.33054	.03616	4.0775	.12385
#2	.17376	.26155	.56502	.17147	.33476	.03634	3.9435	.12331
#3	.17367	.26241	.56950	.17147	.33195	.03660	3.9337	.12369

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	3.6334	.58783	.09136	1.0806	.42440	.56132	1.6738	.10255
Stddev	.0090	.01129	.00029	.0023	.00124	.01046	.0012	.00208
%RSD	.24889	1.9205	.31669	.21318	.29117	1.8633	.07215	2.0256

#1	3.6295	.60077	.09169	1.0793	.42321	.57334	1.6729	.10495
#2	3.6269	.57994	.09121	1.0793	.42568	.55430	1.6734	.10138
#3	3.6437	.58280	.09118	1.0833	.42432	.55632	1.6752	.10132

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	.83485	.16273	4.0361	.31338	2.1338	1.4378	2.0030	.12348
Stddev	.00246	.00020	.0765	.00051	.0057	.0238	.0075	.00130
%RSD	.29479	.12394	1.8964	.16378	.26849	1.6582	.37436	1.0536

#1	.83452	.16295	4.1223	.31285	2.1303	1.4652	1.9963	.12495
#2	.83257	.16269	4.0096	.31387	2.1306	1.4259	2.0111	.12302
#3	.83746	.16256	3.9763	.31343	2.1404	1.4222	2.0017	.12248

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	.00968	1.3942	.55109	.42859	2.9869	.2395	26.854	6032.2
Stddev	.00004	.0280	.00198	.00933	.0574	.0011	.479	83.4
%RSD	.44525	2.0090	.36017	2.1780	1.9231	.4737	1.7834	1.3825

#1	.00973	1.4262	.55115	.43936	3.0528	.2394	27.406	6061.9
#2	.00966	1.3742	.54908	.42354	2.9473	.2384	26.550	6096.8
#3	.00966	1.3823	.55305	.42287	2.9607	.2406	26.605	5938.1

Sample Name: S3 Acquired: 1/30/2019 11:38:51 Type: Cal
Method: P4-ICP2(v2806) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	295.54
Stddev	6.77
%RSD	2.2903

#1	301.90
#2	296.29
#3	288.43

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3841.8	47106.	4009.6	9.5874	4072.1
Stddev	21.9	145.	77.3	1.8686	1.3
%RSD	.56995	.30836	1.9276	19.490	.03118

#1	3853.7	47173.	3920.7	9.2106	4072.8
#2	3816.6	47206.	4060.7	7.9360	4072.8
#3	3855.2	46939.	4047.4	11.616	4070.6

Sample Name: S4 Acquired: 1/30/2019 11:42:53 Type: Cal
Method: P4-ICP2(v2806) 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	.35726	.54254	1.1738	.35296	.68576	.07420	7.8431	.25298
Stddev	.00155	.00164	.0040	.00206	.00293	.00065	.0352	.00015
%RSD	.43436	.30241	.34015	.58234	.42667	.86934	.44832	.05736

#1	.35688	.54433	1.1784	.35266	.68412	.07348	7.8426	.25288
#2	.35897	.54218	1.1711	.35514	.68913	.07439	7.8082	.25315
#3	.35593	.54111	1.1718	.35106	.68401	.07473	7.8785	.25293

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	7.6410	1.1947	.18430	2.2529	.86042	1.1274	3.3891	.20349
Stddev	.0173	.0060	.00028	.0082	.00243	.0073	.0050	.00152
%RSD	.22616	.50260	.15216	.36326	.28225	.64603	.14844	.74727

#1	7.6606	1.1992	.18460	2.2612	.86025	1.1352	3.3834	.20425
#2	7.6346	1.1879	.18404	2.2525	.86293	1.1208	3.3910	.20174
#3	7.6279	1.1971	.18428	2.2449	.85808	1.1262	3.3929	.20447

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	1.7423	.32920	8.0300	.63648	4.5142	2.9773	4.0643	.25147
Stddev	.0053	.00125	.0393	.00063	.0138	.0175	.0170	.00110
%RSD	.30342	.37941	.48941	.09853	.30457	.58891	.41762	.43701

#1	1.7481	.33048	8.0377	.63596	4.5246	2.9703	4.0584	.25222
#2	1.7412	.32915	7.9874	.63630	4.5193	2.9645	4.0834	.25198
#3	1.7377	.32798	8.0649	.63718	4.4986	2.9973	4.0511	.25021

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	.02067	2.8343	1.1372	.85487	6.0201	.5169	54.529	5645.8
Stddev	.00026	.0073	.0050	.00544	.0296	.0020	.220	43.6
%RSD	1.2790	.25743	.43492	.63584	.49104	.3808	.40260	.77184

#1	.02089	2.8417	1.1424	.85291	6.0178	.5191	54.457	5675.6
#2	.02075	2.8271	1.1364	.85069	5.9918	.5160	54.354	5666.0
#3	.02038	2.8340	1.1326	.86102	6.0507	.5155	54.775	5595.8

Sample Name: S4 Acquired: 1/30/2019 11:42:53 Type: Cal
Method: P4-ICP2(v2806) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	316.85
Stddev	4.25
%RSD	1.3402

#1	321.75
#2	314.37
#3	314.42

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3733.1	45756.	3939.1	10.734	3828.2
Stddev	11.4	92.	31.4	.594	9.9
%RSD	.30631	.20140	.79645	5.5333	.25957

#1	3737.1	45715.	3905.4	10.060	3818.1
#2	3720.2	45861.	3967.5	11.180	3828.6
#3	3742.0	45691.	3944.5	10.962	3837.9

Sample Name: S5 Acquired: 1/30/2019 11:46:55 Type: Cal
Method: P4-ICP2(v2806) 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	.71768	1.0959	2.3968	.71295	1.3854	.15377	15.825	.50975
Stddev	.00209	.0025	.0021	.00047	.0015	.00115	.243	.00164
%RSD	.29164	.22825	.08647	.06614	.10701	.74593	1.5387	.32134

#1	.71531	1.0986	2.3982	.71244	1.3837	.15294	16.008	.51147
#2	.71848	1.0956	2.3977	.71336	1.3861	.15329	15.549	.50820
#3	.71926	1.0936	2.3944	.71304	1.3864	.15508	15.919	.50959

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	15.737	2.3684	.36275	4.6358	1.6887	2.1370	6.6938	.39705
Stddev	.028	.0372	.00039	.0079	.0039	.0331	.0646	.00433
%RSD	.17497	1.5727	.10727	.17033	.22856	1.5468	.96516	1.0911

#1	15.768	2.3982	.36315	4.6440	1.6843	2.1717	6.7680	.40083
#2	15.729	2.3266	.36238	4.6351	1.6917	2.1058	6.6501	.39232
#3	15.714	2.3804	.36273	4.6283	1.6899	2.1334	6.6633	.39799

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	3.5692	.66531	16.011	1.2676	9.4026	6.0243	8.0326	.50499
Stddev	.0056	.00075	.227	.0029	.0211	.0911	.0118	.00213
%RSD	.15760	.11291	1.4170	.22801	.22433	1.5124	.14635	.42217

#1	3.5751	.66569	16.221	1.2703	9.4196	6.0992	8.0191	.50745
#2	3.5685	.66445	15.770	1.2645	9.4092	5.9229	8.0398	.50381
#3	3.5639	.66580	16.042	1.2680	9.3790	6.0509	8.0391	.50371

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	.04407	5.6043	2.3218	1.6785	12.066	1.090	107.85	5391.9
Stddev	.00023	.0945	.0055	.0199	.179	.004	1.37	45.4
%RSD	.52832	1.6872	.23590	1.1832	1.4836	.3266	1.2733	.84190

#1	.04431	5.7067	2.3274	1.6968	12.191	1.094	108.88	5345.4
#2	.04405	5.5202	2.3213	1.6574	11.861	1.089	106.29	5394.1
#3	.04385	5.5861	2.3165	1.6813	12.146	1.087	108.38	5436.1

Sample Name: S5 Acquired: 1/30/2019 11:46:55 Type: Cal
 Method: P4-ICP2(v2806) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	352.11
Stddev	15.78
%RSD	4.4824

#1	362.09
#2	333.91
#3	360.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3644.1	44726.	3995.0	11.136	3577.7
Stddev	5.4	258.	72.7	1.961	11.3
%RSD	.14797	.57666	1.8202	17.608	.31514

#1	3648.8	44428.	3915.2	9.9171	3566.5
#2	3638.3	44872.	4057.6	13.398	3577.6
#3	3645.3	44878.	4012.3	10.093	3589.1

Sample Name: ICV01 Acquired: 1/30/2019 11:59:28 Type: Unk
Method: P4-ICP2(v2806) 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	.98507	1.0003	.96884	.98664	.98710	2.5749	.50806	.48079
Stddev	.00162	.0050	.00379	.00562	.00376	.0098	.01593	.00105
%RSD	.16409	.49709	.39156	.56979	.38073	.38007	3.1362	.21940
#1	.98322	1.0056	.96948	.98721	.98552	2.5758	.52523	.48178
#2	.98615	.99572	.97227	.99196	.99139	2.5647	.49375	.47968
#3	.98586	.99959	.96476	.98076	.98438	2.5842	.50520	.48089
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50177	F 10.566	.49560	.48168	.50512	5.1748	.51402	6.0688
Stddev	.00080	.288	.00079	.00136	.00265	.1287	.00085	.1144
%RSD	.15930	2.7244	.16001	.28315	.52389	2.4866	.16460	1.8856
#1	.50160	10.885	.49541	.48185	.50251	5.3125	.51471	6.2010
#2	.50265	10.327	.49492	.48295	.50780	5.0576	.51308	6.0039
#3	.50108	10.485	.49647	.48024	.50506	5.1542	.51429	6.0016
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48526	.47853	9.9660	.49392	.98722	10.150	2.5386	2.5679
Stddev	.00194	.00121	.3278	.00222	.00108	.259	.0095	.0496
%RSD	.40052	.25227	3.2893	.45015	.10965	2.5565	.37535	1.9331
#1	.48684	.47872	10.337	.49551	.98705	10.447	2.5321	2.6222
#2	.48584	.47964	9.7142	.49138	.98837	9.9674	2.5496	2.5248
#3	.48309	.47724	9.8472	.49487	.98623	10.037	2.5343	2.5568
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4055	2.4674	2.4336	2.5917	F 2.7192	2.441	2.5947	F 3.0814
Stddev	.0623	.0672	.0029	.0813	.0826	.014	.0803	.0297
%RSD	2.5883	2.7234	.12050	3.1386	3.0370	.5674	3.0939	.96388
#1	2.3337	2.5416	2.4366	2.6847	2.8107	2.453	2.6835	3.1074
#2	2.4424	2.4107	2.4335	2.5338	2.6502	2.444	2.5273	3.0878
#3	2.4406	2.4498	2.4308	2.5567	2.6967	2.426	2.5732	3.0490

Sample Name: ICV01 Acquired: 1/30/2019 11:59:28 Type: Unk
 Method: P4-ICP2(v2806) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 10.693
Stddev	3.287
%RSD	30.735

#1	7.6765
#2	10.208
#3	14.196

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3805.6	46219.	3993.3	11.765	4108.0
Stddev	11.3	54.	103.1	.319	14.5
%RSD	.29673	.11733	2.5808	2.7084	.35378

#1	3808.8	46170.	3879.4	11.686	4092.4
#2	3793.1	46211.	4080.0	12.115	4110.5
#3	3814.9	46277.	4020.6	11.493	4121.2

Sample Name: LLICV01 Acquired: 1/30/2019 12:10:28 Type: Unk
Method: P4-ICP2(v2806) 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	.02033	.04292	.01176	.01894	.05284	.09709	.09567
Stddev	.00088	.00100	.00059	.00209	.00123	.01104	.00472
%RSD	4.3318	2.3276	4.9834	11.022	2.3303	11.372	4.9312

#1	.02104	.04184	.01109	.01982	.05417	.10585	.09218
#2	.01934	.04309	.01205	.02044	.05262	.08469	.09380
#3	.02061	.04382	.01215	.01656	.05174	.10073	.10104

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00613	.00653	2.1667	.01008	.03141	.01832	.10875
Stddev	.00004	.00006	.0413	.00021	.00019	.00052	.00256
%RSD	.61529	.94419	1.9072	2.0743	.61609	2.8617	2.3524

#1	.00617	.00658	2.1395	.00985	.03151	.01873	.10716
#2	.00612	.00646	2.1463	.01026	.03119	.01849	.10738
#3	.00610	.00656	2.2142	.01013	.03154	.01773	.11170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02247	2.1593	.04156	.01190	1.9508	.04272	.04280
Stddev	.00029	.0817	.00038	.00023	.0246	.00013	.00037
%RSD	1.2891	3.7839	.91304	1.9510	1.2612	.29279	.86684

#1	.02216	2.0652	.04198	.01217	1.9358	.04258	.04318
#2	.02252	2.2114	.04124	.01183	1.9374	.04282	.04277
#3	.02273	2.2015	.04145	.01172	1.9792	.04276	.04244

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0740	.20559	.10333	.02132	.39836	.03990	.04793
Stddev	.0173	.00111	.00289	.00840	.00431	.00094	.00170
%RSD	.83583	.54029	2.8000	39.414	1.0822	2.3588	3.5366

#1	2.0757	.20433	.10124	.02640	.39460	.04099	.04852
#2	2.0558	.20602	.10212	.02594	.39743	.03940	.04924
#3	2.0903	.20642	.10663	.01162	.40307	.03933	.04601

Sample Name: LLICV01 Acquired: 1/30/2019 12:10:28 Type: Unk
 Method: P4-ICP2(v2806) 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	F .02481	.0181	.02151	F 2.9967	F<.00000
Stddev	.00193	.0001	.00042	.0585	1.0009
%RSD	7.7916	.4372	1.9613	1.9515	14.077

#1	.02582	.0180	.02152	3.0455	-8.2512
#2	.02258	.0181	.02108	3.0127	-6.3816
#3	.02603	.0181	.02193	2.9319	-6.6970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3842.5	46840.	4028.3	10.830	4331.2
Stddev	21.7	181.	33.8	1.330	14.8
%RSD	.56476	.38658	.83919	12.281	.34071

#1	3867.5	47045.	4061.3	10.493	4314.2
#2	3828.1	46769.	4030.0	12.295	4340.3
#3	3832.0	46704.	3993.7	9.7000	4339.1

Sample Name: ICB01 Acquired: 1/30/2019 12:24:37 Type: Unk
Method: P4-ICP2(v2806) 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	.00065	-.00018	-.00122	-.00151	-.00019	-.00749	-.00879
Stddev	.00208	.00073	.00089	.00194	.00052	.00877	.00365
%RSD	318.62	408.94	72.570	128.47	281.25	117.13	41.531

#1	-.00138	.00016	-.00109	-.00373	-.00038	.00261	-.00830
#2	.00277	-.00101	-.00041	-.00070	-.00058	-.01326	-.00541
#3	.00057	.00032	-.00217	-.00011	.00041	-.01181	-.01267

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00002	.00328	.00028	.00022	-.00058	-.00193
Stddev	.00001	.00001	.01895	.00009	.00010	.00023	.00218
%RSD	11.490	41.167	577.25	32.616	46.404	39.114	113.01

#1	.00005	.00001	-.00556	.00018	.00034	-.00072	-.00052
#2	.00006	.00003	.02504	.00031	.00014	-.00032	-.00444
#3	.00006	.00002	-.00963	.00035	.00019	-.00070	-.00083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.02459	.00076	.00021	-.17461	-.00030	-.00020
Stddev	.00003	.03337	.00010	.00052	.00545	.00019	.00006
%RSD	66.666	135.70	13.442	246.71	3.1239	62.812	27.704

#1	-.00006	.01236	.00080	.00068	-.17078	-.00019	-.00023
#2	-.00006	-.05252	.00064	.00032	-.17221	-.00020	-.00024
#3	-.00001	-.03361	.00083	-.00036	-.18086	-.00052	-.00014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01791	.00002	.00645	-.00647	.00347	-.00089	.00778
Stddev	.03012	.00028	.00468	.01367	.00068	.00044	.00202
%RSD	168.18	1275.0	72.498	211.36	19.509	49.320	25.921

#1	.04843	.00014	.00220	.00766	.00416	-.00128	.00768
#2	-.01178	-.00030	.01146	-.00743	.00281	-.00041	.00985
#3	.01707	.00022	.00568	-.01963	.00344	-.00097	.00581

Sample Name: ICB01 Acquired: 1/30/2019 12:24:37 Type: Unk
Method: P4-ICP2(v2806) 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	-0.00285	-0.0000	-0.00010	F 2.9812	F<.00000
Stddev	.00216	.0010	.00012	.0122	.91435
%RSD	75.832	2447.	114.09	.40820	12.286
#1	-0.00054	-0.0004	.00003	2.9697	-8.1749
#2	-0.00320	.0011	-0.00014	2.9799	-6.4175
#3	-0.00482	-0.0008	-0.00020	2.9939	-7.7341
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3846.3	47134.	4049.4	11.003	4424.2
Stddev	23.6	131.	57.5	.705	30.9
%RSD	.61335	.27843	1.4201	6.4116	.69783
#1	3829.7	47146.	4065.8	11.659	4416.9
#2	3836.0	47258.	3985.5	10.257	4397.6
#3	3873.3	46997.	4096.9	11.093	4458.0

Sample Name: CRI01 Acquired: 1/30/2019 12:34:03 Type: Unk
Method: P4-ICP2(v2806) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02188	.04784	.01230	.02141	.05864	.11913	.10497
Stddev	.00096	.00194	.00013	.00179	.00136	.00488	.00689
%RSD	4.3840	4.0577	1.0260	8.3737	2.3167	4.0986	6.5595

#1	.02288	.04563	.01239	.02243	.05821	.12400	.11044
#2	.02179	.04929	.01235	.02247	.06016	.11424	.10723
#3	.02096	.04858	.01216	.01934	.05754	.11913	.09724

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00678	.00610	2.4074	.01131	.03400	.02038	.11661
Stddev	.00014	.00004	.0474	.00018	.00009	.00035	.00317
%RSD	2.0477	.63304	1.9680	1.5629	.26883	1.6933	2.7144

#1	.00688	.00614	2.4518	.01125	.03391	.01998	.11656
#2	.00662	.00607	2.4130	.01117	.03401	.02058	.11980
#3	.00683	.00608	2.3575	.01151	.03409	.02058	.11347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02483	2.3408	.04534	.01164	2.1106	.04684	.04627
Stddev	.00058	.0348	.00011	.00063	.0237	.00112	.00019
%RSD	2.3343	1.4875	.23659	5.4173	1.1208	2.3964	.40427

#1	.02537	2.3300	.04523	.01201	2.1328	.04813	.04628
#2	.02421	2.3797	.04533	.01200	2.1134	.04606	.04645
#3	.02489	2.3126	.04545	.01092	2.0857	.04634	.04608

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2579	.22344	.11785	.01784	.42691	.04367	.05161
Stddev	.0067	.00064	.00967	.04802	.00627	.00076	.00517
%RSD	.29504	.28781	8.2076	269.17	1.4681	1.7339	10.018

#1	2.2644	.22417	.11821	.03299	.43321	.04280	.04697
#2	2.2511	.22296	.10800	.05646	.42684	.04411	.05067
#3	2.2582	.22318	.12734	-.03593	.42068	.04410	.05718

Sample Name: CRI01 Acquired: 1/30/2019 12:34:03 Type: Unk
Method: P4-ICP2(v2806) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02121	.0203	.02361	F 3.3061	F<.00000
Stddev	.00097	.0011	.00024	.2064	1.5811
%RSD	4.5776	5.492	1.0190	6.2446	23.465
#1	.02199	.0199	.02383	3.5401	-7.3828
#2	.02012	.0216	.02364	3.1498	-4.9367
#3	.02151	.0195	.02335	3.2283	-7.8953
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3814.8	45926.	4050.4	10.981	4289.7
Stddev	10.2	778.	76.4	.398	11.8
%RSD	.26649	1.6931	1.8851	3.6226	.27602
#1	3803.0	45045.	3982.5	11.123	4296.3
#2	3820.7	46518.	4035.5	10.532	4276.0
#3	3820.5	46214.	4133.0	11.289	4296.7

Sample Name: ICSA01 Acquired: 1/30/2019 12:38:33 Type: Unk
Method: P4-ICP2(v2806) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00573	.00597	-.00372	-.01593	.00615	304.48	-.01124	.00068
Stddev	.00408	.00074	.00102	.00393	.00238	1.86	.00121	.00012
%RSD	71.250	12.341	27.423	24.665	38.685	.61240	10.755	17.792
#1	-.00640	.00681	-.00453	-.01423	.00719	302.72	-.01216	.00082
#2	-.00943	.00548	-.00258	-.01313	.00784	304.29	-.01169	.00064
#3	-.00135	.00561	-.00407	-.02042	.00343	306.43	-.00987	.00059
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00372	276.70	.06128	-.00068	.01108	94.567	.01518	271.47
Stddev	.00018	2.16	.00094	.00029	.00046	.726	.00006	2.74
%RSD	4.8641	.78203	1.5299	43.067	4.1159	.76802	.39490	1.0078
#1	-.00357	274.85	.06031	-.00087	.01135	94.418	.01520	269.13
#2	-.00392	279.08	.06218	-.00082	.01056	95.356	.01523	274.48
#3	-.00365	276.17	.06135	-.00034	.01134	93.927	.01511	270.79
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00115	-.00444	-.10148	.00133	.00325	.07112	.00066	-.02002
Stddev	.00062	.00026	.00521	.00002	.00015	.01930	.00048	.00821
%RSD	53.627	5.8715	5.1319	1.6242	4.5399	27.144	73.180	41.012
#1	-.00050	-.00469	-.10032	.00135	.00318	.07436	.00121	-.01134
#2	-.00124	-.00446	-.09695	.00133	.00315	.08860	.00030	-.02106
#3	-.00173	-.00417	-.10717	.00131	.00342	.05040	.00048	-.02766
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03177	-.00164	.01045	-.00169	F .02405	.0009	.01412	4.6652
Stddev	.05095	.00342	.00049	.00157	.00134	.0011	.00119	.1417
%RSD	160.36	208.77	4.6911	92.832	5.5776	123.3	8.4568	3.0365
#1	-.00789	-.00134	.01022	-.00015	.02543	-.0000	.01366	4.6357
#2	.01398	.00162	.01011	-.00163	.02275	.0006	.01322	4.5406
#3	.08923	-.00519	.01101	-.00328	.02397	.0021	.01547	4.8192

Sample Name: ICSA01 Acquired: 1/30/2019 12:38:33 Type: Unk
 Method: P4-ICP2(v2806) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	410.13
Stddev	2.57
%RSD	.62753

#1	409.64
#2	412.91
#3	407.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3357.4	40372.	3896.5	11.184	3391.1
Stddev	12.9	241.	23.2	1.328	11.9
%RSD	.38488	.59702	.59586	11.875	.35162

#1	3342.9	40610.	3905.5	11.927	3377.3
#2	3361.4	40379.	3870.1	11.975	3398.9
#3	3367.8	40128.	3913.8	9.6507	3397.0

Sample Name: ICSAB01 Acquired: 1/30/2019 12:43:04 Type: Unk
Method: P4-ICP2(v2806) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10622	.10739	.05015	.04105	.65816	291.30	.54207	.59131
Stddev	.00163	.00270	.00127	.00274	.00125	1.45	.00223	.00150
%RSD	1.5339	2.5181	2.5317	6.6765	.18944	.49751	.41073	.25417
#1	.10806	.10517	.04965	.04060	.65688	290.38	.54251	.59299
#2	.10498	.11040	.05160	.03856	.65937	292.97	.54405	.59010
#3	.10561	.10660	.04921	.04398	.65821	290.56	.53966	.59085
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0369	269.28	.59507	.51617	.53274	92.766	.57764	261.41
Stddev	.0032	1.04	.00308	.00051	.00052	.619	.00172	1.12
%RSD	.30530	.38486	.51796	.09810	.09772	.66721	.29746	.42666
#1	1.0337	268.29	.59827	.51653	.53313	92.977	.57942	260.38
#2	1.0400	269.20	.59483	.51639	.53215	92.069	.57750	261.26
#3	1.0371	270.36	.59212	.51559	.53295	93.252	.57599	262.59
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0334	.19889	-.03112	.54145	1.1068	.10229	1.1094	1.1321
Stddev	.0002	.00058	.00635	.00068	.0032	.02618	.0049	.0081
%RSD	.01799	.29138	20.423	.12472	.28821	25.590	.43821	.71359
#1	1.0333	.19946	-.03829	.54208	1.1054	.10701	1.1041	1.1290
#2	1.0332	.19830	-.02889	.54074	1.1105	.12579	1.1108	1.1261
#3	1.0336	.19892	-.02618	.54154	1.1046	.07408	1.1135	1.1413
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.4409	1.0276	1.1007	1.1183	F 1.2919	1.163	1.1638	4.9373
Stddev	.0262	.0040	.0049	.0050	.0054	.003	.0012	.0296
%RSD	1.8213	.39316	.44195	.45070	.41989	.2270	.10287	.59869
#1	1.4689	1.0292	1.1047	1.1171	1.2858	1.160	1.1628	4.9034
#2	1.4169	1.0230	1.1022	1.1239	1.2962	1.164	1.1635	4.9576
#3	1.4369	1.0305	1.0953	1.1141	1.2936	1.165	1.1651	4.9510

Sample Name: ICSAB01 Acquired: 1/30/2019 12:43:04 Type: Unk
 Method: P4-ICP2(v2806) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	390.58
Stddev	1.91
%RSD	.48829

#1	391.95
#2	391.38
#3	388.40

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3417.1	40291.	3854.8	10.662	3425.6
Stddev	7.7	115.	17.0	.458	4.7
%RSD	.22418	.28635	.44096	4.2963	.13783

#1	3425.5	40225.	3847.7	10.939	3430.9
#2	3415.4	40224.	3874.2	10.914	3421.8
#3	3410.5	40424.	3842.5	10.133	3424.1

Sample Name: CCV01 Acquired: 1/30/2019 12:49:52 Type: Unk
 Method: P4-ICP2(v2806) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0387	5.0290	4.9912	5.0514	5.1125	F 10.802	10.033
Stddev	.0191	.0136	.0096	.0245	.0246	.029	.180
%RSD	.37880	.27132	.19158	.48469	.48162	.27066	1.7922

#1	5.0383	5.0403	5.0021	5.0403	5.1025	10.809	10.043
#2	5.0198	5.0138	4.9842	5.0344	5.0945	10.828	9.8479
#3	5.0580	5.0327	4.9873	5.0794	5.1406	10.770	10.207

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25903	2.5033	25.712	1.0016	2.4600	1.2766	4.9484
Stddev	.00054	.0067	.510	.0028	.0073	.0037	.1087
%RSD	.20686	.26826	1.9833	.27920	.29461	.29240	2.1964

#1	.25933	2.5110	25.700	.99892	2.4682	1.2755	4.9535
#2	.25936	2.5003	25.209	1.0045	2.4572	1.2735	4.8372
#3	.25842	2.4987	26.228	1.0013	2.4546	1.2808	5.0544

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6191	24.356	2.4803	1.2155	24.634	2.5020	2.5339
Stddev	.0053	.407	.0027	.0010	.468	.0038	.0046
%RSD	.20038	1.6725	.10724	.08213	1.8998	.15016	.18033

#1	2.6249	24.392	2.4832	1.2163	24.737	2.5063	2.5390
#2	2.6179	23.932	2.4797	1.2158	24.123	2.4994	2.5327
#3	2.6146	24.744	2.4780	1.2144	25.042	2.5002	2.5301

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.675	5.0244	5.0934	F 5.2688	4.9374	4.8742	4.9497
Stddev	.419	.0153	.0879	.0234	.1016	.0108	.1115
%RSD	1.6992	.30348	1.7262	.44337	2.0584	.22101	2.2531

#1	24.716	5.0243	5.0611	5.2909	4.9537	4.8866	4.9390
#2	24.237	5.0092	5.0262	5.2712	4.8286	4.8669	4.8440
#3	25.073	5.0397	5.1929	5.2444	5.0299	4.8692	5.0662

Sample Name: CCV01 Acquired: 1/30/2019 12:49:52 Type: Unk
Method: P4-ICP2(v2806) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.1801	5.037	F 5.4198	F 4.4521	F<.00000
Stddev	.0859	.014	.0982	.0692	1.3685
%RSD	1.6586	.2671	1.8120	1.5552	159.45

#1	5.1795	5.052	5.4153	4.5261	.14253
#2	5.0945	5.030	5.3238	4.4413	-.29955
#3	5.2664	5.029	5.5201	4.3889	-2.4176

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3665.0	43646.	3988.3	11.296	3770.9
Stddev	7.9	266.	65.5	.524	7.8
%RSD	.21520	.60921	1.6416	4.6376	.20696

#1	3671.9	43406.	3963.3	10.691	3766.8
#2	3666.8	43600.	4062.6	11.589	3766.0
#3	3656.4	43932.	3939.0	11.609	3779.9

Sample Name: LLCCV01 Acquired: 1/30/2019 12:53:52 Type: Unk
Method: P4-ICP2(v2806) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02155	.04663	.01199	.01924	.05966	.10928	.10396
Stddev	.00263	.00150	.00070	.00231	.00013	.01157	.00314
%RSD	12.215	3.2223	5.8723	11.996	.21147	10.585	3.0243

#1	.01903	.04492	.01139	.01951	.05952	.11756	.10142
#2	.02132	.04774	.01277	.01681	.05968	.09606	.10748
#3	.02428	.04722	.01181	.02140	.05977	.11420	.10298

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00679	.00615	2.3467	.01142	.03425	.02085	.11539
Stddev	.00012	.00007	.0158	.00024	.00057	.00075	.00212
%RSD	1.7062	1.1853	.67420	2.0951	1.6557	3.6024	1.8402

#1	.00674	.00607	2.3417	.01135	.03397	.02040	.11579
#2	.00670	.00617	2.3644	.01168	.03389	.02044	.11309
#3	.00692	.00622	2.3339	.01122	.03491	.02172	.11728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02203	2.3427	.04550	.01071	2.0946	.04676	.04674
Stddev	.00008	.0296	.00059	.00014	.0090	.00046	.00069
%RSD	.38169	1.2633	1.3003	1.2733	.42933	.97548	1.4750

#1	.02209	2.3313	.04523	.01085	2.0874	.04702	.04634
#2	.02194	2.3763	.04509	.01069	2.1047	.04703	.04634
#3	.02208	2.3205	.04618	.01058	2.0918	.04624	.04753

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2337	.22375	.11726	.01659	.42938	.04338	F .05489
Stddev	.0316	.00282	.00690	.02210	.00162	.00044	.00106
%RSD	1.4137	1.2597	5.8806	133.18	.37803	1.0039	1.9368

#1	2.2230	.22183	.11334	.00722	.42785	.04288	.05573
#2	2.2693	.22242	.11323	.04183	.43109	.04362	.05525
#3	2.2089	.22698	.12522	.00073	.42920	.04364	.05370

Sample Name: LLCCV01 Acquired: 1/30/2019 12:53:52 Type: Unk
 Method: P4-ICP2(v2806) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01942	.0189	.02377	F 3.4651	F<.00000
Stddev	.00171	.0017	.00023	.1172	2.6406
%RSD	8.7853	8.826	.95840	3.3813	34.122

#1	.02009	.0181	.02359	3.5891	-10.120
#2	.02069	.0178	.02402	3.4499	-4.8990
#3	.01748	.0208	.02370	3.3563	-8.1969

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3817.2	46243.	4063.3	12.014	4300.9
Stddev	40.9	233.	26.0	.485	38.7
%RSD	1.0727	.50321	.63884	4.0355	.90084

#1	3837.8	46080.	4075.9	12.295	4319.2
#2	3843.8	46139.	4033.5	12.293	4327.1
#3	3770.1	46509.	4080.6	11.455	4256.4

Sample Name: CCB01 Acquired: 1/30/2019 12:59:18 Type: Unk
Method: P4-ICP2(v2806) 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	-.00077	-.00072	-.00157	-.00292	-.00035	-.02183	-.01261
Stddev	.00251	.00063	.00100	.00058	.00144	.00408	.00625
%RSD	326.59	87.372	63.399	19.857	413.59	18.699	49.508

#1	.00149	-.00104	-.00086	-.00225	.00090	-.02645	-.00788
#2	-.00348	.00000	-.00271	-.00321	-.00002	-.02030	-.01969
#3	-.00032	-.00112	-.00114	-.00328	-.00192	-.01873	-.01027

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00005	-.00634	.00001	.00026	-.00016	-.00235
Stddev	.00005	.00001	.00683	.00036	.00007	.00013	.00085
%RSD	249.40	19.535	107.72	2618.0	26.496	77.811	36.108

#1	-.00002	.00005	.00155	-.00001	.00031	-.00031	-.00188
#2	.00007	.00005	-.01031	-.00034	.00018	-.00008	-.00183
#3	.00001	.00004	-.01025	.00039	.00029	-.00010	-.00332

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.05375	.00051	.00049	-.18382	-.00016	-.00025
Stddev	.00006	.05721	.00007	.00032	.00395	.00029	.00006
%RSD	133.64	106.43	14.336	64.559	2.1498	181.53	23.236

#1	-.00009	.11978	.00058	.00084	-.18512	.00002	-.00023
#2	-.00008	.02257	.00044	.00042	-.17938	-.00050	-.00020
#3	.00002	.01892	.00049	.00022	-.18695	-.00000	-.00032

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03210	-.00004	.00838	.00234	.00313	-.00065	.00637
Stddev	.01332	.00004	.00360	.03448	.00157	.00018	.00146
%RSD	41.482	98.297	43.019	1470.9	49.961	28.470	22.860

#1	.04402	-.00006	.01188	.02907	.00440	-.00059	.00790
#2	.03454	.00001	.00468	.01453	.00362	-.00050	.00623
#3	.01773	-.00006	.00858	-.03657	.00138	-.00085	.00499

Sample Name: CCB01 Acquired: 1/30/2019 12:59:18 Type: Unk
Method: P4-ICP2(v2806) 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	-.00064	.0003	-.00003	F 3.2536	F<.00000
Stddev	.00337	.0006	.00008	.0100	3.0693
%RSD	528.30	198.0	309.91	.30694	36.860

#1	-.00441	-.0003	.00000	3.2649	-6.6693
#2	.00207	.0004	-.00011	3.2502	-6.4425
#3	.00042	.0008	.00004	3.2458	-11.868

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3831.2	46839.	4088.7	12.453	4384.1
Stddev	11.7	144.	42.9	.765	13.9
%RSD	.30492	.30732	1.0502	6.1397	.31604

#1	3828.3	46724.	4045.0	12.914	4375.4
#2	3821.2	47001.	4090.2	11.570	4376.8
#3	3844.1	46794.	4130.9	12.875	4400.0

Sample Name: LR CHECK 1 Acquired: 1/30/2019 13:03:48 Type: Unk
Method: P4-ICP2(v2806) 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	-.03820	.04879	-.00359	-.16432	.05782	F 2197.3	-.03419	.00712
Stddev	.00325	.00368	.00420	.00589	.00864	26.3	.00479	.00048
%RSD	8.5174	7.5355	117.04	3.5823	14.950	1.1964	14.007	6.7070

#1	-.03631	.04970	-.00500	-.16560	.04791	2166.9	-.03964	.00657
#2	-.03633	.05193	.00113	-.15790	.06382	2212.8	-.03222	.00732
#3	-.04195	.04475	-.00690	-.16946	.06173	2212.1	-.03069	.00747

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01320	F 1897.9	-.01020	.03775	.06456	F 906.74	-.00670	F 1908.8
Stddev	.00115	14.8	.00046	.00024	.00149	5.88	.00017	14.8
%RSD	8.7033	.77751	4.5398	.63304	2.3023	.64902	2.5218	.77585

#1	-.01408	1885.3	-.01065	.03754	.06597	905.44	-.00668	1900.3
#2	-.01190	1894.3	-.00972	.03801	.06472	901.61	-.00688	1900.3
#3	-.01361	1914.1	-.01023	.03771	.06301	913.16	-.00654	1925.9

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04577	-.04459	F 1817.2	.00742	.12357	998.77	-.00460	-.16035
Stddev	.00025	.00052	8.3	.00089	.00134	4.09	.00195	.01139
%RSD	.54490	1.1752	.45403	11.958	1.0860	.40970	42.459	7.1003

#1	.04549	-.04445	1826.4	.00651	.12307	997.02	-.00611	-.15563
#2	.04587	-.04516	1810.4	.00828	.12509	995.85	-.00239	-.17334
#3	.04595	-.04414	1814.9	.00745	.12255	1003.4	-.00530	-.15209

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64731	-.00899	.08709	-.08337	.19819	.0439	-.97907	5.5730
Stddev	.20241	.00371	.00237	.00279	.00134	.0038	.00638	.0038
%RSD	31.270	41.215	2.7181	3.3507	.67522	8.623	.65170	.06875

#1	.41378	-.00471	.08446	-.08456	.19679	.0418	-.97781	5.5704
#2	.77239	-.01106	.08775	-.08018	.19831	.0482	-.97342	5.5712
#3	.75576	-.01121	.08905	-.08537	.19946	.0415	-.98599	5.5774

Sample Name: LR CHECK 1 Acquired: 1/30/2019 13:03:48 Type: Unk
Method: P4-ICP2(v2806) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3423.6
Stddev 14.9
%RSD .43592

#1 3425.4
#2 3437.5
#3 3407.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2487.9	30559.	3418.3	12.149	2007.1
Stddev	4.0	15.	26.1	1.555	3.0
%RSD	.16130	.04890	.76274	12.803	.15043

#1	2489.1	30573.	3433.6	10.475	2003.8
#2	2491.2	30543.	3433.0	13.550	2009.8
#3	2483.5	30562.	3388.2	12.422	2007.8

Sample Name: LR CHECK 2 Acquired: 1/30/2019 13:08:52 Type: Unk
Method: P4-ICP2(v2806) 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	-.00367	-.00720	245.53	.02119	-.04519	.56354	98.689
Stddev	.00159	.00201	3.18	.00181	.00258	.00359	.674
%RSD	43.379	27.889	1.2955	8.5485	5.7124	.63773	.68277

#1	-.00445	-.00488	243.33	.02023	-.04487	.56635	99.458
#2	-.00473	-.00832	244.09	.02005	-.04792	.56478	98.407
#3	-.00184	-.00839	249.18	.02328	-.04279	.55949	98.202

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00184	-.00981	1.4073	-.13624	-.00389	F 270.79	1.5606
Stddev	.00010	.00004	.0171	.00099	.00011	1.84	.0383
%RSD	5.1698	.40398	1.2160	.72744	2.9258	.67977	2.4514

#1	-.00183	-.00980	1.4019	-.13533	-.00400	271.60	1.5886
#2	-.00175	-.00985	1.3935	-.13611	-.00377	268.68	1.5762
#3	-.00194	-.00977	1.4264	-.13730	-.00389	272.09	1.5170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 45.050	.99050	F 51.533	.00697	2.0761	-.04329	F 35.202
Stddev	.364	.04223	.281	.00018	.0365	.00038	.299
%RSD	.80777	4.2633	.54446	2.5224	1.7579	.87837	.84949

#1	44.904	1.0244	51.855	.00687	2.1164	-.04368	35.474
#2	45.464	1.0039	51.403	.00717	2.0669	-.04329	34.882
#3	44.781	.94319	51.341	.00687	2.0451	-.04291	35.252

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3944	-.00440	.00780	-.04685	-.00789	.00433	.01243
Stddev	.0206	.00029	.00314	.07929	.00022	.00079	.00337
%RSD	1.4795	6.5210	40.200	169.26	2.7458	18.161	27.131

#1	1.4172	-.00408	.00542	.04468	-.00771	.00468	.00999
#2	1.3891	-.00463	.00664	-.09037	-.00813	.00488	.01628
#3	1.3769	-.00451	.01136	-.09485	-.00783	.00343	.01102

Sample Name: LR CHECK 2 Acquired: 1/30/2019 13:08:52 Type: Unk
 Method: P4-ICP2(v2806) 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	.00105	F -2.857	-.00007	4.2537	F<.00000
Stddev	.00159	.017	.00008	.1571	.67157
%RSD	151.44	.5889	109.90	3.6934	1.5166

#1	-.00064	-2.876	-.00016	4.0886	-44.713
#2	.00251	-2.853	-.00007	4.4014	-43.508
#3	.00128	-2.843	.00000	4.2711	-44.623

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3506.2	44943.	4073.8	8.8439	3818.4
Stddev	19.0	426.	30.2	1.8658	11.6
%RSD	.54122	.94796	.74222	21.097	.30450

#1	3489.5	45317.	4050.8	9.0764	3805.4
#2	3502.2	44480.	4062.5	6.8727	3821.6
#3	3526.8	45033.	4108.0	10.582	3828.0

Sample Name: K1259-01 Acquired: 1/30/2019 13:24:04 Type: Unk
Method: P4-ICP2(v2812) 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	.01380	-.00630	.02087	-.00313	-.00067	12.926	.00343	.00109
Stddev	.00112	.00028	.00060	.00050	.00072	.018	.00188	.00001
%RSD	8.1365	4.3976	2.8729	15.865	107.22	.13696	55.010	1.3301
#1	.01376	-.00657	.02047	-.00363	-.00150	12.907	.00559	.00110
#2	.01495	-.00633	.02058	-.00263	-.00015	12.943	.00255	.00110
#3	.01270	-.00602	.02156	-.00314	-.00037	12.928	.00214	.00107
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00355	-.20035	.05575	.00165	.01922	72.861	.06543	.08315
Stddev	.00003	.02531	.00082	.00015	.00051	.406	.00035	.05123
%RSD	.81292	12.635	1.4737	8.8808	2.6357	.55727	.53412	61.604
#1	-.00352	-.17146	.05555	.00148	.01938	72.625	.06519	.10798
#2	-.00357	-.21864	.05665	.00171	.01865	73.330	.06583	.02424
#3	-.00357	-.21095	.05505	.00176	.01962	72.627	.06527	.11723
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.00054	-.02276	.06256	.03105	1.2301	.01070	-.00695
Stddev	.00010	.00023	.00921	.00075	.00032	.0221	.00017	.01037
%RSD	57.221	43.069	40.445	1.1951	1.0375	1.7957	1.5538	149.18
#1	.00009	.00073	-.03288	.06267	.03139	1.2326	.01075	-.01769
#2	.00029	.00062	-.02052	.06325	.03075	1.2508	.01051	-.00616
#3	.00014	.00028	-.01488	.06176	.03102	1.2069	.01083	.00300
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47252	1.7582	.00267	1.0163	-.00528	.1528	-.07697	2.8660
Stddev	.02436	.0181	.00027	.0063	.00040	.0018	.00043	.0913
%RSD	5.1547	1.0301	10.303	.61456	7.5549	1.156	.55871	3.1870
#1	.48672	1.7490	.00235	1.0201	-.00559	.1548	-.07673	2.8335
#2	.44439	1.7790	.00281	1.0197	-.00543	.1514	-.07746	2.7954
#3	.48644	1.7465	.00283	1.0091	-.00483	.1523	-.07671	2.9692

Sample Name: K1259-01 Acquired: 1/30/2019 13:24:04 Type: Unk
 Method: P4-ICP2(v2812) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 320.58
 Stddev 4.59
 %RSD 1.4306

#1 319.96
 #2 325.45
 #3 316.34

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3970.7	48010.	4378.0	11.731	4279.0
Stddev	17.5	71.	24.7	.241	11.5
%RSD	.44025	.14876	.56324	2.0585	.26928

#1	3961.0	48086.	4393.1	11.866	4270.3
#2	3990.9	47944.	4349.5	11.875	4292.1
#3	3960.2	47999.	4391.3	11.452	4274.7

Sample Name: K1259-01DUP Acquired: 1/30/2019 13:28:29 Type: Unk
Method: P4-ICP2(v2812) 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	.01378	-.00677	.01774	-.00359	-.00219	12.467	.00535	.00095
Stddev	.00210	.00039	.00107	.00019	.00104	.011	.00546	.00014
%RSD	15.208	5.7632	6.0368	5.2500	47.288	.08481	102.04	14.276
#1	.01617	-.00708	.01812	-.00379	-.00170	12.470	.01136	.00085
#2	.01292	-.00633	.01857	-.00357	-.00339	12.476	.00397	.00090
#3	.01225	-.00689	.01653	-.00342	-.00149	12.456	.00072	.00111
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00365	-.19744	.06057	.00255	.02009	74.539	.08805	.05951
Stddev	.00015	.01059	.00082	.00009	.00007	.879	.00084	.04783
%RSD	4.1674	5.3661	1.3597	3.3725	.35244	1.1792	.94878	80.365
#1	-.00383	-.18523	.05980	.00249	.02012	75.463	.08762	.06503
#2	-.00359	-.20295	.06048	.00265	.02015	74.442	.08752	.00916
#3	-.00355	-.20415	.06144	.00252	.02001	73.713	.08901	.10433
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00402	.00078	-.06281	.06069	.03469	1.0265	.01291	.00072
Stddev	.00006	.00032	.00779	.00061	.00006	.0292	.00016	.00694
%RSD	1.3923	41.354	12.408	.99775	.16077	2.8470	1.2021	959.14
#1	.00395	.00102	-.07181	.06060	.03463	1.0241	.01285	-.00202
#2	.00406	.00092	-.05850	.06013	.03474	.99850	.01308	.00862
#3	.00403	.00041	-.05812	.06133	.03470	1.0568	.01279	-.00443
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45883	.88606	.00265	.93719	-.00283	.1589	-.07918	2.7814
Stddev	.02906	.00660	.00081	.00642	.00213	.0011	.00097	.0874
%RSD	6.3335	.74443	30.446	.68524	75.359	.6698	1.2220	3.1435
#1	.45208	.89290	.00182	.94444	-.00097	.1583	-.08018	2.8755
#2	.49067	.88554	.00270	.93491	-.00515	.1602	-.07912	2.7663
#3	.43374	.87973	.00344	.93222	-.00237	.1583	-.07824	2.7026

Sample Name: K1259-01DUP Acquired: 1/30/2019 13:28:29 Type: Unk
Method: P4-ICP2(v2812) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 328.55
Stddev 1.41
%RSD .42923

#1 328.38
#2 327.23
#3 330.03

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3973.6	48340.	4331.6	13.348	4299.8
Stddev	7.1	37.	53.6	.588	6.6
%RSD	.17806	.07651	1.2369	4.4051	.15341

#1	3968.5	48313.	4282.4	13.150	4307.3
#2	3981.6	48382.	4323.7	12.884	4294.8
#3	3970.5	48325.	4388.7	14.009	4297.3

Sample Name: K1259-01A Acquired: 1/30/2019 13:37:13 Type: Unk
Method: P4-ICP2(v2812) 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	.70047	2.0245	1.0220	1.7983	.36898	29.611	.23699	.20864
Stddev	.01085	.0448	.0236	.0318	.00638	.204	.00067	.00109
%RSD	1.5496	2.2119	2.3097	1.7666	1.7301	.68993	.28243	.52340
#1	.70736	2.0539	1.0357	1.8256	.37176	29.415	.23684	.20987
#2	.70609	2.0465	1.0355	1.8060	.37349	29.822	.23641	.20780
#3	.68796	1.9729	.99474	1.7634	.36167	29.596	.23772	.20825
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19301	.94757	.47406	.20128	.33161	81.226	.38999	2.1211
Stddev	.00459	.01091	.00165	.00443	.00785	.407	.00113	.0235
%RSD	2.3769	1.1517	.34826	2.1995	2.3678	.50122	.28966	1.1067
#1	.19587	.95911	.47419	.20397	.33667	81.307	.38903	2.1360
#2	.19545	.94616	.47234	.20370	.33559	80.784	.38971	2.1332
#3	.18772	.93742	.47563	.19617	.32256	81.586	.39124	2.0940
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59770	.07313	3.1562	.36654	.28581	10.903	.36841	.28595
Stddev	.01218	.00025	.0240	.00031	.00617	.035	.00781	.01099
%RSD	2.0376	.33913	.76111	.08407	2.1575	.32085	2.1192	3.8447
#1	.60306	.07323	3.1503	.36686	.28893	10.870	.37440	.28749
#2	.60629	.07285	3.1826	.36651	.28978	10.939	.37124	.29610
#3	.58377	.07331	3.1357	.36624	.27870	10.901	.35958	.27427
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9118	3.2836	.63415	.85539	.20985	5.687	.15030	3.2119
Stddev	.1900	.0334	.01478	.00241	.00045	.121	.00045	.1036
%RSD	1.9173	1.0180	2.3308	.28160	.21212	2.126	.29746	3.2242
#1	9.9501	3.3072	.64427	.85386	.21004	5.760	.14981	3.1648
#2	10.080	3.2453	.64098	.85816	.21017	5.753	.15068	3.3307
#3	9.7055	3.2982	.61719	.85414	.20935	5.547	.15041	3.1403

Sample Name: K1259-01A Acquired: 1/30/2019 13:37:13 Type: Unk
Method: P4-ICP2(v2812) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 370.67
Stddev 6.05
%RSD 1.6312

#1 373.53
#2 363.72
#3 374.75

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3898.1	46931.	4249.5	12.462	4131.8
Stddev	61.2	107.	8.1	.899	76.3
%RSD	1.5708	.22720	.19004	7.2128	1.8471

#1	3857.2	47037.	4249.9	11.805	4086.2
#2	3868.6	46824.	4257.4	13.486	4089.3
#3	3968.5	46931.	4241.3	12.095	4219.9

Sample Name: K1261-01 Acquired: 1/30/2019 13:45:23 Type: Unk
Method: P4-ICP2(v2812) 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	.04948	-.05761	1.0919	-.01916	.00004	129.18	1.2199	.00681
Stddev	.00139	.00209	.0046	.00294	.00123	.48	.0028	.00004
%RSD	2.8107	3.6272	.41659	15.339	2924.4	.37170	.22609	.59075
#1	.04984	-.05913	1.0934	-.02241	.00126	128.90	1.2177	.00686
#2	.05066	-.05848	1.0868	-.01839	-.00120	128.91	1.2230	.00678
#3	.04795	-.05523	1.0955	-.01669	.00007	129.73	1.2190	.00680
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00136	399.73	.38107	.11460	1.1129	177.28	3.9747	80.287
Stddev	.00019	1.77	.00096	.00053	.0029	.51	.0101	.241
%RSD	14.069	.44364	.25125	.46475	.26504	.28614	.25348	.30007
#1	.00156	397.80	.38060	.11492	1.1135	176.91	3.9706	80.014
#2	.00118	401.28	.38043	.11399	1.1097	177.85	3.9862	80.379
#3	.00133	400.13	.38217	.11490	1.1155	177.07	3.9673	80.468
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30856	-.01172	2.2452	.46873	6.2617	31.563	.00791	.00010
Stddev	.00141	.00024	.0086	.00161	.0157	.176	.00053	.00920
%RSD	.45656	2.0599	.38330	.34244	.25027	.55655	6.6661	9585.6
#1	.30988	-.01151	2.2409	.46694	6.2765	31.374	.00842	.00402
#2	.30708	-.01198	2.2396	.47006	6.2453	31.721	.00736	-.01041
#3	.30872	-.01167	2.2551	.46918	6.2632	31.593	.00796	.00668
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.674	1.7603	.05733	5.8164	.18931	7.768	.96418	3.3100
Stddev	.067	.0105	.00083	.0397	.00136	.020	.00500	.0642
%RSD	.62459	.59491	1.4475	.68257	.71781	.2512	.51870	1.9396
#1	10.708	1.7663	.05827	5.7705	.18774	7.777	.95879	3.3740
#2	10.597	1.7663	.05700	5.8401	.19003	7.745	.96508	3.2456
#3	10.717	1.7482	.05670	5.8385	.19016	7.781	.96867	3.3106

Sample Name: K1261-01 Acquired: 1/30/2019 13:45:23 Type: Unk
 Method: P4-ICP2(v2812) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1037.0
 Stddev 3.6
 %RSD .35186

#1 1033.2
 #2 1040.5
 #3 1037.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3822.0	46090.	4580.4	11.230	3401.2
Stddev	10.9	137.	10.3	.381	8.5
%RSD	.28599	.29665	.22590	3.3902	.24907

#1	3820.4	45933.	4576.9	11.599	3394.6
#2	3833.7	46158.	4572.3	10.839	3410.8
#3	3812.1	46180.	4592.1	11.252	3398.3

Sample Name: K1261-03 Acquired: 1/30/2019 13:49:41 Type: Unk
Method: P4-ICP2(v2812) 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	.14878	-.03878	1.2639	-.02495	.00027	91.060	.64145	.00778
Stddev	.00315	.00039	.0047	.00245	.00033	.741	.01621	.00013
%RSD	2.1196	1.0131	.37139	9.8124	120.82	.81386	2.5276	1.6390
#1	.14651	-.03867	1.2691	-.02421	.00035	91.879	.64460	.00779
#2	.15238	-.03845	1.2626	-.02295	-.00009	90.867	.65586	.00790
#3	.14745	-.03921	1.2599	-.02768	.00055	90.435	.62390	.00765
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	28.308	.23391	.06834	.63033	212.30	1.9886	39.836
Stddev	.00018	.429	.00089	.00043	.00268	2.79	.0081	.356
%RSD	76.142	1.5153	.38030	.63078	.42553	1.3124	.40979	.89462
#1	.00016	28.328	.23493	.06883	.63266	212.49	1.9979	40.187
#2	.00010	28.727	.23328	.06819	.63093	214.98	1.9853	39.847
#3	.00044	27.870	.23353	.06801	.62739	209.42	1.9826	39.474
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30196	-.01195	1.2954	.41673	1.5521	13.675	.00645	-.05081
Stddev	.00167	.00086	.0080	.00266	.0054	.203	.00008	.01084
%RSD	.55173	7.1760	.61456	.63746	.34838	1.4844	1.3075	21.327
#1	.30260	-.01213	1.2966	.41969	1.5570	13.771	.00654	-.06091
#2	.30322	-.01102	1.3026	.41455	1.5532	13.813	.00644	-.05216
#3	.30007	-.01270	1.2868	.41596	1.5463	13.442	.00637	-.03937
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5065	2.8411	.09078	3.8994	.12732	6.288	-.11182	2.7074
Stddev	.0723	.0356	.00103	.0604	.00192	.044	.00097	.0742
%RSD	1.1110	1.2537	1.1294	1.5493	1.5069	.6965	.87015	2.7394
#1	6.5273	2.8439	.09193	3.9391	.12597	6.327	-.11172	2.7925
#2	6.5661	2.8753	.09045	3.9292	.12952	6.296	-.11283	2.6727
#3	6.4261	2.8042	.08996	3.8299	.12647	6.240	-.11090	2.6569

Sample Name: K1261-03 Acquired: 1/30/2019 13:49:41 Type: Unk
Method: P4-ICP2(v2812) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1240.2
Stddev 9.0
%RSD .72783

#1 1230.5
#2 1241.8
#3 1248.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4051.4	48844.	4671.4	12.421	3678.4
Stddev	20.2	239.	52.9	1.053	20.9
%RSD	.49827	.48865	1.1319	8.4763	.56848

#1	4028.1	48576.	4668.9	13.634	3656.1
#2	4062.5	49033.	4619.8	11.890	3681.5
#3	4063.6	48924.	4725.5	11.739	3697.5

Sample Name: K1259-01MSD Acquired: 1/30/2019 14:02:14 Type: Unk
Method: P4-ICP2(v2812) 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	.69266	2.0219	1.0143	1.7894	.36935	29.669	.22573	.20575
Stddev	.00553	.0095	.0001	.0046	.00291	.129	.00505	.00061
%RSD	.79773	.47063	.00917	.25608	.78797	.43533	2.2363	.29567
#1	.69596	2.0327	1.0142	1.7842	.37239	29.721	.21990	.20620
#2	.68628	2.0183	1.0143	1.7928	.36659	29.765	.22843	.20506
#3	.69573	2.0147	1.0144	1.7912	.36906	29.522	.22886	.20599
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19222	.91527	.46635	.19999	.32837	78.755	.32230	2.1082
Stddev	.00062	.01895	.00152	.00034	.00020	.635	.00041	.0324
%RSD	.32079	2.0701	.32627	.17199	.05953	.80604	.12803	1.5382
#1	.19293	.89437	.46759	.20038	.32849	78.042	.32197	2.1030
#2	.19182	.93133	.46465	.19973	.32814	79.259	.32216	2.0787
#3	.19191	.92012	.46681	.19986	.32848	78.964	.32276	2.1429
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54426	.07134	2.9825	.36038	.26276	10.651	.36465	.28435
Stddev	.00131	.00032	.0131	.00193	.00073	.016	.00126	.00392
%RSD	.24049	.44405	.44004	.53616	.27750	.14937	.34452	1.3776
#1	.54376	.07168	2.9689	.36260	.26356	10.633	.36564	.28883
#2	.54327	.07105	2.9951	.35913	.26214	10.664	.36324	.28260
#3	.54575	.07129	2.9834	.35940	.26257	10.655	.36507	.28160
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2129	3.4537	.62512	.84237	.20678	5.676	.15130	3.2445
Stddev	.0708	.0134	.00152	.00486	.00103	.016	.00146	.1002
%RSD	.76885	.38678	.24318	.57670	.50010	.2858	.96793	3.0872
#1	9.2911	3.4555	.62637	.83692	.20744	5.693	.15209	3.1686
#2	9.1947	3.4660	.62556	.84625	.20559	5.675	.14961	3.3580
#3	9.1530	3.4395	.62342	.84394	.20731	5.660	.15220	3.2069

Sample Name: K1259-01MSD Acquired: 1/30/2019 14:02:14 Type: Unk
 Method: P4-ICP2(v2812) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 377.93
Stddev	4.78
%RSD	1.2660

#1	383.44
#2	375.45
#3	374.89

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3912.1	47548.	4365.7	12.255	4163.3
Stddev	2.6	42.	35.3	1.266	5.3
%RSD	.06602	.08884	.80833	10.329	.12798

#1	3910.1	47517.	4406.4	12.118	4157.7
#2	3915.0	47596.	4347.1	13.584	4163.9
#3	3911.1	47531.	4343.7	11.064	4168.4

Sample Name: K1259-01MS Acquired: 1/30/2019 14:15:20 Type: Unk
Method: P4-ICP2(v2812) 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	.68743	2.0077	1.0072	1.7832	.36825	29.709	.22596	.20507
Stddev	.00663	.0044	.0051	.0066	.00138	.116	.00245	.00138
%RSD	.96442	.22123	.50229	.37141	.37515	.39071	1.0848	.67082
#1	.68365	2.0058	1.0113	1.7895	.36983	29.800	.22557	.20615
#2	.69508	2.0128	1.0016	1.7839	.36761	29.750	.22858	.20352
#3	.68356	2.0046	1.0088	1.7763	.36729	29.578	.22372	.20554
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19106	.94563	.46235	.19843	.32591	78.941	.32450	2.1005
Stddev	.00028	.01894	.00096	.00038	.00038	.773	.00093	.0176
%RSD	.14820	2.0033	.20828	.19059	.11521	.97863	.28562	.84032
#1	.19118	.95077	.46344	.19802	.32624	78.467	.32552	2.1016
#2	.19074	.96148	.46161	.19851	.32600	79.832	.32371	2.1176
#3	.19127	.92465	.46201	.19876	.32551	78.523	.32426	2.0823
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54167	.07092	2.9578	.35969	.26158	10.644	.36166	.27797
Stddev	.00019	.00064	.0094	.00038	.00038	.024	.00074	.00731
%RSD	.03481	.90723	.31800	.10588	.14708	.22839	.20567	2.6298
#1	.54185	.07074	2.9652	.36010	.26190	10.672	.36119	.28223
#2	.54169	.07039	2.9610	.35934	.26168	10.636	.36251	.28216
#3	.54147	.07163	2.9472	.35964	.26115	10.626	.36126	.26953
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1617	3.4714	.62188	.84619	.20779	5.665	.15349	3.2942
Stddev	.0205	.0809	.00086	.00217	.00107	.005	.00115	.0293
%RSD	.22385	2.3298	.13756	.25671	.51677	.0935	.74634	.89079
#1	9.1528	3.4294	.62268	.84858	.20700	5.671	.15391	3.3018
#2	9.1852	3.5647	.62098	.84434	.20734	5.665	.15220	3.2618
#3	9.1472	3.4202	.62199	.84564	.20901	5.660	.15437	3.3190

Sample Name: K1259-01MS Acquired: 1/30/2019 14:15:20 Type: Unk
Method: P4-ICP2(v2812) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 376.39
Stddev	3.40
%RSD	.90286

#1	376.00
#2	379.97
#3	373.20

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3912.5	47447.	4345.5	11.538	4162.2
Stddev	10.8	156.	47.2	1.786	9.1
%RSD	.27612	.32968	1.0861	15.482	.21950

#1	3902.3	47325.	4358.6	13.284	4151.9
#2	3911.4	47392.	4293.1	11.618	4169.5
#3	3923.8	47623.	4384.7	9.7136	4165.1

Sample Name: K1259-01LX5 Acquired: 1/30/2019 14:23:50 Type: Unk
Method: P4-ICP2(v2812) 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	.00233	-.00154	.00040	-.00095	-.00059	2.8995	-.01463	.00022
Stddev	.00125	.00054	.00092	.00250	.00092	.0333	.00259	.00003
%RSD	53.481	35.190	227.43	264.24	157.41	1.1476	17.738	14.086

#1	.00114	-.00100	.00114	-.00288	-.00095	2.8612	-.01223	.00024
#2	.00363	-.00153	-.00062	.00188	-.00127	2.9212	-.01738	.00018
#3	.00224	-.00208	.00069	-.00183	.00046	2.9161	-.01428	.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	-.02566	.01228	.00049	.00323	16.031	.01672	.03966
Stddev	.00003	.00405	.00035	.00020	.00046	.161	.00012	.01162
%RSD	3.4875	15.772	2.8224	41.104	14.222	1.0023	.71869	29.308

#1	-.00078	-.02602	.01189	.00041	.00303	16.211	.01672	.03615
#2	-.00073	-.02145	.01255	.00071	.00290	15.902	.01661	.05263
#3	-.00074	-.02952	.01239	.00034	.00375	15.980	.01685	.03019

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00162	.00078	-.24608	.01273	.00611	.35457	.00236	.00857
Stddev	.00007	.00006	.00672	.00042	.00008	.00904	.00016	.00789
%RSD	4.1684	7.1173	2.7313	3.3142	1.2738	2.5496	6.7667	92.007

#1	.00162	.00071	-.25116	.01225	.00617	.34418	.00218	-.00046
#2	.00156	.00081	-.24863	.01304	.00614	.35886	.00242	.01208
#3	.00169	.00080	-.23846	.01289	.00602	.36066	.00248	.01410

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03963	.44548	.00010	.21769	-.00888	.0331	-.01703	3.1436
Stddev	.02070	.00687	.00025	.00266	.00189	.0003	.00022	.0789
%RSD	52.223	1.5411	267.01	1.2211	21.229	1.009	1.2814	2.5095

#1	.03582	.45197	-.00005	.21465	-.00702	.0329	-.01724	3.0543
#2	.06196	.43829	-.00005	.21888	-.00884	.0335	-.01704	3.2038
#3	.02110	.44619	.00039	.21954	-.01079	.0329	-.01680	3.1726

Sample Name: K1259-01LX5 Acquired: 1/30/2019 14:23:50 Type: Unk
Method: P4-ICP2(v2812) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 61.630
Stddev 1.933
%RSD 3.1371

#1 62.416
#2 59.428
#3 63.047

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3912.1	47700.	4327.6	12.472	4470.4
Stddev	11.0	136.	49.0	2.186	3.8
%RSD	.28029	.28546	1.1333	17.529	.08566

#1	3899.4	47854.	4271.3	10.632	4466.0
#2	3919.2	47652.	4361.2	14.889	4472.9
#3	3917.6	47594.	4350.4	11.895	4472.3

Sample Name: CCV02 Acquired: 1/30/2019 14:33:36 Type: Unk
Method: P4-ICP2(v2812) 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	5.1312	5.1662	5.1021	5.2457	5.3885	10.899	9.9693
Stddev	.0146	.0239	.0105	.0113	.0119	.035	.0179
%RSD	.28392	.46223	.20546	.21617	.22122	.32459	.17966

#1	5.1419	5.1430	5.1050	5.2523	5.4021	10.936	9.9697
#2	5.1146	5.1651	5.0904	5.2523	5.3835	10.866	9.9871
#3	5.1372	5.1907	5.1108	5.2326	5.3799	10.894	9.9512

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26708	2.5683	27.465	1.0113	2.5022	1.3126	4.8544
Stddev	.00039	.0074	.143	.0031	.0090	.0029	.0175
%RSD	.14462	.28745	.52153	.30702	.36144	.22397	.36091

#1	.26664	2.5694	27.300	1.0121	2.5069	1.3153	4.8348
#2	.26731	2.5605	27.559	1.0079	2.4918	1.3095	4.8600
#3	.26730	2.5751	27.536	1.0139	2.5079	1.3130	4.8685

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6929	24.717	2.5251	1.2112	24.684	2.5206	2.6013
Stddev	.0013	.028	.0077	.0014	.110	.0091	.0058
%RSD	.04993	.11483	.30470	.11711	.44658	.36031	.22428

#1	2.6943	24.690	2.5257	1.2127	24.807	2.5308	2.6005
#2	2.6916	24.747	2.5172	1.2098	24.595	2.5173	2.5959
#3	2.6928	24.713	2.5325	1.2111	24.650	2.5136	2.6075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.494	5.1198	5.1723	5.2934	4.8921	4.8992	5.0020
Stddev	.045	.0202	.0034	.0027	.0061	.0128	.0104
%RSD	.18269	.39460	.06500	.05055	.12406	.26126	.20836

#1	24.493	5.1417	5.1707	5.2951	4.8851	4.9029	5.0118
#2	24.450	5.1019	5.1761	5.2948	4.8962	4.8850	5.0032
#3	24.539	5.1158	5.1699	5.2903	4.8949	4.9098	4.9911

Sample Name: CCV02 Acquired: 1/30/2019 14:33:36 Type: Unk
Method: P4-ICP2(v2812) 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	5.2529	5.167	F 5.6286	4.6931	F<.00000
Stddev	.0143	.006	.0235	.1061	3.2527
%RSD	.27277	.1253	.41777	2.2613	396.25
#1	5.2394	5.160	5.6037	4.7391	-1.2262
#2	5.2679	5.169	5.6504	4.7686	2.6155
#3	5.2515	5.172	5.6319	4.5718	-3.8520
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3599.6	43277.	4071.0	9.9756	3730.7
Stddev	15.7	271.	11.2	.5693	12.0
%RSD	.43684	.62678	.27402	5.7066	.32054
#1	3581.5	43043.	4076.2	9.6884	3721.5
#2	3610.3	43215.	4058.2	10.631	3744.2
#3	3606.9	43574.	4078.6	9.6072	3726.4

Sample Name: CCB02 Acquired: 1/30/2019 14:41:24 Type: Unk
Method: P4-ICP2(v2813) 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	.00113	-.00089	-.00185	.00059	-.00170	-.01284	-.02437
Stddev	.00087	.00068	.00053	.00272	.00145	.00141	.00307
%RSD	76.864	76.719	28.474	457.67	85.586	10.981	12.608

#1	.00017	-.00055	-.00129	-.00239	-.00015	-.01278	-.02365
#2	.00136	-.00044	-.00233	.00293	-.00303	-.01427	-.02774
#3	.00186	-.00168	-.00194	.00124	-.00191	-.01145	-.02172

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00001	.00765	.00011	.00019	-.00096	-.00037
Stddev	.00006	.00007	.00803	.00028	.00004	.00031	.00120
%RSD	147.72	845.54	104.99	253.38	19.373	32.843	325.42

#1	.00009	-.00007	.00298	.00018	.00018	-.00082	.00101
#2	.00006	.00007	.00305	.00036	.00016	-.00074	-.00110
#3	-.00003	.00003	.01693	-.00020	.00023	-.00132	-.00102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00657	.00075	.00082	-.16829	.00016	-.00010
Stddev	.00001	.01117	.00027	.00026	.01203	.00012	.00011
%RSD	13.637	170.09	36.297	31.125	7.1480	74.842	115.22

#1	-.00004	.00667	.00064	.00091	-.17544	.00005	-.00011
#2	-.00004	-.00465	.00106	.00103	-.17503	.00014	-.00020
#3	-.00003	.01769	.00055	.00054	-.15440	.00029	.00002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22490	-.00003	.00946	F -.01565	.00553	-.00072	.00535
Stddev	.01705	.00029	.00292	.02083	.00335	.00064	.00442
%RSD	7.5809	967.92	30.856	133.13	60.551	89.474	82.680

#1	.20989	-.00033	.00822	.00623	.00862	-.00144	.00536
#2	.24343	-.00001	.00736	-.03525	.00197	-.00021	.00092
#3	.22137	.00025	.01279	-.01793	.00600	-.00051	.00976

Sample Name: CCB02 Acquired: 1/30/2019 14:41:24 Type: Unk
 Method: P4-ICP2(v2813) 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	.00018	.0011	-.00011	F 3.9840	F<.00000
Stddev	.00167	.0005	.00010	.0657	.96258
%RSD	927.27	46.76	97.389	1.6481	9.1479
#1	-.00153	.0015	-.00012	3.9270	-10.365
#2	.00180	.0013	.00000	3.9692	-11.554
#3	.00027	.0005	-.00021	4.0558	-9.6485
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3814.9	45686.	4180.3	12.939	4395.9
Stddev	74.1	244.	30.4	.721	88.8
%RSD	1.9420	.53384	.72635	5.5734	2.0199
#1	3740.2	45883.	4168.7	12.586	4304.7
#2	3888.4	45761.	4214.8	12.461	4482.1
#3	3816.1	45413.	4157.5	13.768	4400.8

Sample Name: K1261-01DLX10 Acquired: 1/30/2019 14:45:51 Type: Unk
Method: P4-ICP2(v2813) 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	.00627	-.00509	.10954	-.00108	-.00135	13.764	.11333	.00073
Stddev	.00182	.00113	.00123	.00176	.00026	.016	.00294	.00012
%RSD	28.996	22.276	1.1222	162.97	19.536	.11276	2.5952	15.812
#1	.00419	-.00406	.11057	.00004	-.00144	13.782	.11036	.00085
#2	.00708	-.00631	.10988	-.00311	-.00155	13.754	.11624	.00071
#3	.00755	-.00491	.10818	-.00017	-.00105	13.755	.11339	.00062
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	46.998	.04362	.01136	.12272	24.043	.46844	9.4851
Stddev	.00007	.078	.00014	.00028	.00047	.068	.00066	.1271
%RSD	9.1766	.16522	.32271	2.4773	.38416	.28227	.14180	1.3396
#1	-.00082	47.087	.04351	.01168	.12269	24.114	.46907	9.4096
#2	-.00077	46.941	.04357	.01114	.12320	24.035	.46852	9.4138
#3	-.00068	46.966	.04378	.01126	.12226	23.979	.46775	9.6318
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03071	-.00035	.07419	.05181	.66190	3.6437	.00082	.01534
Stddev	.00022	.00026	.01438	.00054	.00151	.0377	.00027	.00462
%RSD	.70267	72.346	19.376	1.0385	.22814	1.0352	33.127	30.099
#1	.03096	-.00028	.05804	.05242	.66354	3.6050	.00112	.01435
#2	.03060	-.00064	.07896	.05160	.66057	3.6456	.00061	.02037
#3	.03057	-.00015	.08558	.05140	.66158	3.6804	.00072	.01130
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0238	.20978	.00599	.66078	.01985	.7155	.11079	3.7374
Stddev	.0174	.00133	.00036	.00259	.00189	.0022	.00091	.0997
%RSD	1.6969	.63421	6.0423	.39156	9.5074	.3139	.82093	2.6672
#1	1.0396	.20846	.00626	.66353	.01767	.7168	.11178	3.8188
#2	1.0052	.21112	.00558	.65839	.02096	.7129	.11000	3.7671
#3	1.0267	.20976	.00613	.66043	.02092	.7168	.11057	3.6262

Sample Name: K1261-01DLX10 Acquired: 1/30/2019 14:45:51 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 101.17
 Stddev 1.63
 %RSD 1.6083

#1 100.75
 #2 99.792
 #3 102.96

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3808.0	45828.	4262.0	11.814	4091.0
Stddev	11.8	132.	11.8	2.170	17.6
%RSD	.31083	.28792	.27732	18.369	.43035

#1	3794.5	45691.	4249.4	13.750	4071.2
#2	3813.3	45841.	4263.7	12.223	4097.1
#3	3816.3	45954.	4272.8	9.4682	4104.8

Sample Name: K1010-07 Acquired: 1/30/2019 14:50:12 Type: Unk
Method: P4-ICP2(v2813) 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	.05846	-.05853	.14119	-.02909	-.00087	134.30	.49374	.00572
Stddev	.00253	.00198	.00268	.00120	.00160	.67	.00457	.00005
%RSD	4.3229	3.3867	1.8963	4.1214	185.03	.49937	.92570	.93027
#1	.05570	-.05675	.13913	-.03044	-.00131	134.69	.49838	.00570
#2	.06066	-.05816	.14022	-.02869	-.00219	133.52	.49360	.00569
#3	.05901	-.06067	.14422	-.02814	.00091	134.69	.48924	.00579
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00177	88.857	.21530	.15287	.38761	192.55	4.9092	70.557
Stddev	.00037	.383	.00054	.00217	.00267	.19	.0306	.345
%RSD	20.618	.43092	.25205	1.4209	.68847	.09820	.62418	.48880
#1	-.00208	89.101	.21472	.15100	.38501	192.36	4.9226	70.882
#2	-.00187	88.415	.21539	.15237	.38749	192.73	4.9309	70.195
#3	-.00137	89.054	.21579	.15525	.39034	192.57	4.8742	70.593
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24505	-.01262	4.4262	.35379	.67980	23.261	.09765	-.06829
Stddev	.00456	.00023	.0304	.00085	.00984	.167	.00123	.00450
%RSD	1.8598	1.8261	.68770	.23968	1.4471	.71978	1.2546	6.5910
#1	.24125	-.01239	4.4540	.35437	.67194	23.293	.09644	-.06310
#2	.24379	-.01263	4.3937	.35419	.67663	23.079	.09763	-.07108
#3	.25010	-.01285	4.4310	.35282	.69083	23.409	.09889	-.07070
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.006	1.1172	.01517	5.1488	.17715	F 12.25	-.06053	2.3252
Stddev	.213	.0203	.00072	.0190	.00217	.19	.00012	.0291
%RSD	1.6345	1.8163	4.7695	.36980	1.2253	1.512	.19321	1.2515
#1	12.917	1.1060	.01557	5.1318	.17655	12.11	-.06042	2.3216
#2	12.854	1.1049	.01434	5.1453	.17534	12.19	-.06066	2.3559
#3	13.249	1.1406	.01561	5.1694	.17955	12.46	-.06052	2.2980

Sample Name: K1010-07 Acquired: 1/30/2019 14:50:12 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1247.1
Stddev	1.9
%RSD	.15097

#1	1247.9
#2	1245.0
#3	1248.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4137.8	50163.	4834.5	11.652	3558.3
Stddev	29.3	158.	10.4	1.350	47.0
%RSD	.70744	.31426	.21551	11.590	1.3198

#1	4156.2	50043.	4826.9	11.227	3596.1
#2	4153.1	50105.	4830.3	13.163	3572.9
#3	4104.0	50342.	4846.4	10.564	3505.7

Sample Name: K1010-09 Acquired: 1/30/2019 14:54:40 Type: Unk
Method: P4-ICP2(v2813) 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	.03649	-.05010	.12693	-.02773	-.00240	136.73	.41403	.00621
Stddev	.00178	.00353	.00115	.00136	.00148	1.00	.00353	.00006
%RSD	4.8639	7.0405	.90462	4.8940	61.577	.73439	.85200	.94025
#1	.03446	-.04779	.12633	-.02855	-.00311	136.16	.41778	.00628
#2	.03773	-.04835	.12825	-.02616	-.00070	136.15	.41078	.00618
#3	.03729	-.05416	.12621	-.02848	-.00339	137.89	.41354	.00618
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	170.66	.19129	.13560	.80917	180.49	3.9958	85.817
Stddev	.00015	.57	.00113	.00021	.00121	1.23	.0138	.173
%RSD	63.628	.33444	.59281	.15522	.15014	.68006	.34471	.20110
#1	.00006	171.30	.19246	.13557	.80816	181.86	3.9979	86.015
#2	.00032	170.48	.19020	.13541	.80884	180.11	3.9811	85.735
#3	.00033	170.20	.19123	.13583	.81052	179.50	4.0084	85.700
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24928	-.01245	19.541	.38251	.65044	17.791	.00575	-.05228
Stddev	.00038	.00024	.083	.00220	.00053	.051	.00009	.00512
%RSD	.15344	1.9135	.42313	.57420	.08181	.28454	1.5483	9.7872
#1	.24884	-.01254	19.635	.38487	.65103	17.844	.00566	-.05341
#2	.24946	-.01218	19.480	.38052	.65001	17.743	.00584	-.04670
#3	.24953	-.01263	19.508	.38214	.65028	17.786	.00573	-.05675
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.683	1.1982	.01739	4.4905	.17639	F 11.53	.03860	2.4612
Stddev	.047	.0032	.00047	.0202	.00156	.01	.00089	.2226
%RSD	.40634	.26496	2.7201	.44997	.88216	.0571	2.3116	9.0435
#1	11.737	1.2018	.01783	4.4854	.17581	11.54	.03786	2.4760
#2	11.651	1.1968	.01747	4.4733	.17521	11.53	.03835	2.2316
#3	11.659	1.1959	.01689	4.5127	.17815	11.53	.03959	2.6760

Sample Name: K1010-09 Acquired: 1/30/2019 14:54:40 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1220.8
 Stddev .6
 %RSD .04553

#1 1220.6
 #2 1221.4
 #3 1220.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4195.2	50355.	4940.0	11.154	3450.3
Stddev	7.7	327.	39.4	.615	3.6
%RSD	.18408	.64978	.79685	5.5160	.10483

#1	4204.1	50256.	4894.6	11.845	3453.1
#2	4189.8	50720.	4959.5	10.664	3446.2
#3	4191.9	50088.	4965.7	10.955	3451.5

Sample Name: K1016-11 Acquired: 1/30/2019 14:58:58 Type: Unk
Method: P4-ICP2(v2813) 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	.14956	-.05082	.16554	-.05634	.00059	170.71	.26273	.00887
Stddev	.00364	.00201	.00381	.00356	.00196	.89	.00892	.00026
%RSD	2.4332	3.9532	2.2987	6.3154	333.93	.51854	3.3943	2.9405
#1	.14624	-.04866	.16119	-.05225	.00001	170.23	.27201	.00912
#2	.14899	-.05263	.16719	-.05802	-.00102	171.73	.26194	.00889
#3	.15345	-.05117	.16824	-.05874	.00277	170.16	.25423	.00860
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	242.21	.19988	.21336	1.2173	265.47	5.3797	87.323
Stddev	.00078	2.89	.00169	.00055	.0044	5.56	.0248	.953
%RSD	126.59	1.1921	.84693	.25793	.35994	2.0960	.46010	1.0917
#1	-.00027	245.28	.20046	.21345	1.2132	271.76	5.4068	88.354
#2	.00094	241.81	.20120	.21277	1.2219	261.18	5.3739	87.141
#3	.00118	239.55	.19797	.21386	1.2167	263.47	5.3583	86.474
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20625	-.01947	5.4627	.73651	.81051	9.5604	.01037	1.5950
Stddev	.00142	.00111	.0576	.00572	.00093	.1165	.00036	.0213
%RSD	.69048	5.7085	1.0551	.77636	.11473	1.2184	3.4934	1.3343
#1	.20607	-.01836	5.5081	.73996	.81049	9.6815	.01000	1.6104
#2	.20492	-.02058	5.4822	.73966	.81144	9.5507	.01072	1.6038
#3	.20775	-.01946	5.3979	.72991	.80958	9.4492	.01038	1.5707
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4411	2.1927	.01983	5.3319	.20970	7.029	.49884	2.9102
Stddev	.0722	.0297	.00059	.0224	.00117	.017	.00724	.1116
%RSD	1.6246	1.3534	2.9895	.42038	.55834	.2472	1.4519	3.8343
#1	4.5107	2.2261	.01961	5.3223	.21084	7.010	.50281	3.0319
#2	4.4459	2.1825	.01938	5.3575	.20976	7.043	.50324	2.8128
#3	4.3667	2.1694	.02050	5.3159	.20850	7.035	.49048	2.8859

Sample Name: K1016-11 Acquired: 1/30/2019 14:58:58 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1852.1
 Stddev 5.4
 %RSD .29255

#1 1846.4
 #2 1852.9
 #3 1857.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3810.1	46202.	4547.8	10.380	3322.6
Stddev	7.3	226.	74.5	.214	5.4
%RSD	.19158	.48989	1.6374	2.0619	.16377

#1	3803.0	46000.	4464.1	10.136	3316.4
#2	3817.6	46158.	4572.8	10.469	3325.9
#3	3809.6	46446.	4606.6	10.534	3325.6

Sample Name: PB116643BL Acquired: 1/30/2019 15:03:27 Type: Unk
Method: P4-ICP2(v2813) 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	-.00035	-.00110	-.00126	-.00192	-.00147	-.01345	-.02324
Stddev	.00122	.00092	.00041	.00085	.00129	.01397	.00071
%RSD	351.72	83.671	32.827	44.236	87.330	103.92	3.0704

#1	-.00169	-.00099	-.00173	-.00238	-.00017	-.02489	-.02339
#2	.00068	-.00024	-.00100	-.00094	-.00150	.00213	-.02247
#3	-.00003	-.00207	-.00104	-.00244	-.00275	-.01758	-.02388

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00000	.00694	.00022	-.00001	-.00070	.00272
Stddev	.00003	.00003	.00746	.00041	.00006	.00022	.00119
%RSD	26.970	2321.0	107.43	186.58	442.99	31.547	43.931

#1	.00008	-.00003	.00193	.00007	-.00000	-.00051	.00268
#2	.00010	.00003	.00338	.00069	.00004	-.00065	.00154
#3	.00014	-.00001	.01551	-.00009	-.00008	-.00094	.00393

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.02386	.00089	.00085	-.20953	-.00036	-.00007
Stddev	.00004	.02793	.00029	.00005	.00232	.00010	.00004
%RSD	133.21	117.03	32.333	6.1788	1.1073	26.646	54.305

#1	-.00007	.02338	.00123	.00089	-.21201	-.00046	-.00012
#2	.00001	-.00382	.00073	.00079	-.20741	-.00027	-.00006
#3	-.00002	.05203	.00072	.00087	-.20917	-.00035	-.00004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14787	-.00002	.00804	-.00786	.00658	-.00066	.00539
Stddev	.02510	.00008	.00247	.02255	.00167	.00034	.00150
%RSD	16.975	435.00	30.675	287.06	25.311	51.994	27.913

#1	.12498	-.00010	.00703	.01730	.00818	-.00040	.00366
#2	.17471	-.00002	.00624	-.01458	.00670	-.00054	.00642
#3	.14392	.00007	.01085	-.02628	.00486	-.00105	.00608

Sample Name: PB116643BL Acquired: 1/30/2019 15:03:27 Type: Unk
Method: P4-ICP2(v2813) 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	-.00212	.0010	-.00005	3.7927	F<.00000
Stddev	.00166	.0017	.00017	.1249	1.7399
%RSD	77.915	160.9	373.11	3.2936	15.587

#1	-.00266	.0015	.00014	3.7381	-12.655
#2	-.00344	-.0008	-.00019	3.9356	-9.2516
#3	-.00027	.0024	-.00009	3.7043	-11.582

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3814.1	45995.	4193.5	11.602	4376.1
Stddev	3.9	202.	37.2	1.627	15.0
%RSD	.10276	.43839	.88648	14.026	.34354

#1	3812.2	45929.	4161.4	9.7977	4380.4
#2	3818.6	45834.	4185.0	12.959	4388.6
#3	3811.5	46221.	4234.2	12.048	4359.4

Sample Name: PB116689BS Acquired: 1/30/2019 15:07:55 Type: Unk
Method: P4-ICP2(v2813) 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	.71688	1.8650	.90425	1.8608	.85394	2.0326	.16431	.19442
Stddev	.00146	.0109	.00506	.0043	.00387	.0503	.00307	.00515
%RSD	.20434	.58158	.55961	.23385	.45283	2.4771	1.8685	2.6474

#1	.71750	1.8667	.90347	1.8628	.85297	1.9782	.16730	.18977
#2	.71520	1.8749	.90965	1.8559	.85066	2.0776	.16446	.19995
#3	.71793	1.8534	.89962	1.8639	.85821	2.0421	.16117	.19353

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17954	1.0717	.39155	.18337	.29398	2.8878	.21287	1.8552
Stddev	.00082	.0226	.00948	.00091	.00117	.0324	.00530	.0266
%RSD	.45856	2.1112	2.4218	.49753	.39629	1.1205	2.4888	1.4311

#1	.17943	1.0472	.38304	.18368	.29331	2.9121	.20752	1.8554
#2	.18042	1.0762	.40178	.18409	.29331	2.8511	.21812	1.8816
#3	.17878	1.0918	.38984	.18234	.29533	2.9003	.21296	1.8285

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46059	.06487	2.6731	.28898	.18875	9.2642	.42900	.29003
Stddev	.00145	.00153	.0115	.00704	.00133	.0285	.00199	.01423
%RSD	.31449	2.3619	.42874	2.4378	.70232	.30746	.46406	4.9056

#1	.46018	.06320	2.6736	.28184	.18863	9.2614	.42881	.30006
#2	.46220	.06620	2.6843	.29592	.19014	9.2372	.42710	.27375
#3	.45940	.06520	2.6614	.28919	.18749	9.2940	.43107	.29629

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01397	.90726	.65536	.20882	.19713	4.996	.21189	3.9554
Stddev	.01211	.00508	.00433	.00218	.00103	.036	.00108	.1387
%RSD	86.683	.56031	.66016	1.0427	.52457	.7300	.51203	3.5071

#1	-.00224	.91168	.65283	.20913	.19832	4.988	.21238	3.8533
#2	-.02642	.90171	.66036	.20651	.19663	5.035	.21065	4.1133
#3	-.01323	.90841	.65290	.21083	.19645	4.963	.21265	3.8995

Sample Name: PB116689BS Acquired: 1/30/2019 15:07:55 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	19.004
Stddev	1.835
%RSD	9.6545

#1	19.555
#2	20.499
#3	16.956

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3738.5	45403.	4182.2	12.000	4207.4
Stddev	24.6	1011.	40.0	.784	26.1
%RSD	.65682	2.2266	.95558	6.5321	.62150

#1	3715.8	46274.	4144.1	12.761	4186.6
#2	3764.6	44295.	4223.8	12.043	4198.7
#3	3735.0	45641.	4178.7	11.195	4236.8

Sample Name: K1250-04 Acquired: 1/30/2019 15:11:59 Type: Unk
 Method: P4-ICP2(v2813) 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	-.04125	-.01507	25.533	-.31945	-.01143	35.569	1.4984	.01158
Stddev	.00300	.00378	.403	.02028	.00182	.413	.1192	.00048
%RSD	7.2630	25.106	1.5776	6.3481	15.913	1.1613	7.9528	4.1220
#1	-.03873	-.01672	25.311	-.32842	-.01185	35.188	1.4146	.01132
#2	-.04456	-.01074	25.289	-.29623	-.01300	36.008	1.6348	.01213
#3	-.04045	-.01775	25.998	-.33369	-.00943	35.513	1.4458	.01129
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09449	125.52	F 7.8655	.05556	.98149	618.08	6.1058	44.611
Stddev	.00527	9.34	.0300	.00016	.02181	36.16	.0464	3.226
%RSD	5.5811	7.4383	.38175	.29177	2.2224	5.8503	.76049	7.2323
#1	.09522	118.85	7.8310	.05539	.97890	592.38	6.0947	42.430
#2	.08889	136.19	7.8853	.05571	.96109	659.43	6.1568	48.317
#3	.09936	121.52	7.8804	.05558	1.0045	602.44	6.0659	43.085
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22881	-.10706	129.19	.54321	11.244	13.834	.02723	-.80941
Stddev	.00333	.00449	9.34	.00350	.139	.951	.00019	.05372
%RSD	1.4564	4.1941	7.2275	.64355	1.2338	6.8759	.68314	6.6375
#1	.22742	-.10918	122.89	.53925	11.167	13.163	.02703	-.77795
#2	.22640	-.10190	139.92	.54455	11.161	14.923	.02725	-.87145
#3	.23262	-.11009	124.77	.54585	11.404	13.417	.02740	-.77884
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 116.72	F 33.182	.06475	.95324	.04834	3.143	-.27764	2.0421
Stddev	1.70	2.171	.00226	.06095	.00365	.044	.00952	.0574
%RSD	1.4576	6.5413	3.4895	6.3939	7.5584	1.410	3.4282	2.8117
#1	115.56	31.598	.06397	.90907	.04536	3.106	-.27058	2.0910
#2	115.94	35.656	.06299	1.0228	.05241	3.130	-.28846	2.0565
#3	118.68	32.291	.06730	.92787	.04724	3.192	-.27388	1.9789

Sample Name: K1250-04 Acquired: 1/30/2019 15:11:59 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 6370.6
 Stddev 35.9
 %RSD .56410

#1 6329.4
 #2 6395.7
 #3 6386.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3271.4	40052.	3947.5	15.375	2840.7
Stddev	33.5	50.	238.4	.666	32.9
%RSD	1.0228	.12430	6.0383	4.3285	1.1595

#1	3281.1	40093.	4113.3	16.078	2855.7
#2	3299.0	39997.	3674.3	15.295	2863.5
#3	3234.2	40066.	4054.8	14.754	2803.0

Sample Name: K1250-04DUP Acquired: 1/30/2019 15:16:23 Type: Unk
Method: P4-ICP2(v2813) 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	-.04193	-.01709	25.071	-.32033	-.01052	34.172	1.4476	.01147
Stddev	.00343	.00170	.393	.00327	.00143	.231	.0734	.00019
%RSD	8.1719	9.9354	1.5690	1.0201	13.564	.67461	5.0677	1.6137
#1	-.03880	-.01802	25.521	-.32127	-.00932	34.435	1.5319	.01149
#2	-.04140	-.01811	24.792	-.31669	-.01014	34.008	1.4127	.01128
#3	-.04559	-.01513	24.900	-.32303	-.01210	34.071	1.3981	.01164
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09164	122.64	F 7.6544	.05412	.94788	611.55	5.9002	43.742
Stddev	.00104	5.48	.0267	.00115	.00692	19.45	.0535	1.808
%RSD	1.1375	4.4682	.34829	2.1286	.72982	3.1801	.90613	4.1336
#1	.09166	128.97	7.6315	.05539	.95581	633.71	5.8386	45.804
#2	.09058	119.66	7.6481	.05314	.94314	603.57	5.9282	42.994
#3	.09267	119.31	7.6837	.05383	.94468	597.36	5.9339	42.429
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22299	-.10060	125.85	.52686	11.047	13.388	.02620	-.78336
Stddev	.00394	.00209	5.55	.00136	.143	.540	.00020	.04113
%RSD	1.7666	2.0771	4.4107	.25736	1.2944	4.0332	.76946	5.2510
#1	.22749	-.09846	132.22	.52618	11.211	14.008	.02620	-.82912
#2	.22017	-.10069	123.27	.52842	10.951	13.134	.02640	-.77148
#3	.22131	-.10264	122.06	.52597	10.979	13.022	.02600	-.74947
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 114.23	F 32.563	.06323	.92719	.04981	3.065	-.28053	1.6768
Stddev	1.52	1.262	.00083	.04325	.00103	.047	.00293	.0169
%RSD	1.3349	3.8767	1.3205	4.6645	2.0654	1.544	1.0461	1.0079
#1	115.98	34.020	.06417	.97690	.05063	3.120	-.28354	1.6670
#2	113.24	31.852	.06258	.90644	.05014	3.039	-.28039	1.6671
#3	113.46	31.817	.06295	.89822	.04865	3.037	-.27767	1.6963

Sample Name: K1250-04DUP Acquired: 1/30/2019 15:16:23 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 6403.2
Stddev 30.7
%RSD .47959

#1 6373.8
#2 6400.7
#3 6435.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3369.2	41540.	4020.8	15.421	2917.0
Stddev	39.6	57.	162.5	.853	44.9
%RSD	1.1748	.13779	4.0412	5.5335	1.5393

#1	3323.5	41513.	3834.4	14.609	2866.0
#2	3391.8	41502.	4095.9	15.343	2950.4
#3	3392.3	41606.	4132.2	16.311	2934.6

Sample Name: PB116689BL Acquired: 1/30/2019 15:20:49 Type: Unk
Method: P4-ICP2(v2813) 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	.00017	-.00027	-.00113	.00078	-.00195	-.00394	-.02749
Stddev	.00094	.00060	.00079	.00019	.00037	.00222	.00422
%RSD	557.32	219.94	70.303	24.740	18.982	56.447	15.358

#1	.00122	-.00081	-.00038	.00057	-.00181	-.00214	-.02762
#2	-.00057	-.00037	-.00196	.00080	-.00237	-.00326	-.03164
#3	-.00015	.00037	-.00105	.00096	-.00167	-.00643	-.02320

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00001	.00101	.00015	.00010	-.00041	.00189
Stddev	.00004	.00002	.01694	.00014	.00013	.00024	.00262
%RSD	141.04	149.63	1678.9	89.373	126.77	58.491	138.84

#1	.00004	-.00003	-.01855	.00029	.00000	-.00034	.00483
#2	-.00002	-.00002	.01062	.00016	.00005	-.00067	.00102
#3	.00007	.00001	.01096	.00001	.00024	-.00021	-.00019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00085	.00073	.00123	-.15715	-.00042	.00055
Stddev	.00004	.04130	.00033	.00037	.00395	.00026	.00006
%RSD	125.57	4869.1	45.244	30.501	2.5136	62.395	11.035

#1	-.00006	-.02737	.00111	.00166	-.15730	-.00072	.00057
#2	-.00005	.04673	.00056	.00101	-.15313	-.00035	.00059
#3	.00001	-.02190	.00051	.00101	-.16103	-.00021	.00048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15681	-.00016	.01285	F .01400	.00451	-.00067	.00618
Stddev	.01907	.00011	.00672	.01130	.00061	.00045	.00040
%RSD	12.164	65.441	52.320	80.758	13.450	66.985	6.5287

#1	.17319	-.00007	.02026	.00340	.00460	-.00088	.00579
#2	.16137	-.00027	.00713	.02589	.00386	-.00015	.00615
#3	.13586	-.00014	.01116	.01270	.00507	-.00097	.00660

Sample Name: PB116689BL Acquired: 1/30/2019 15:20:49 Type: Unk
Method: P4-ICP2(v2813) 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	.00409	.0020	-.00012	F 3.5457	F<.00000
Stddev	.00121	.0014	.00002	.0915	1.6245
%RSD	29.682	68.63	19.237	2.5803	13.812

#1	.00512	.0033	-.00011	3.4508	-13.315
#2	.00275	.0005	-.00015	3.5529	-10.074
#3	.00439	.0023	-.00011	3.6334	-11.898

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3838.5	46531.	4182.2	10.487	4369.7
Stddev	5.8	158.	26.3	1.624	2.8
%RSD	.15073	.33993	.62874	15.490	.06340

#1	3835.7	46693.	4165.6	9.3659	4371.2
#2	3834.7	46524.	4212.6	12.350	4371.4
#3	3845.2	46377.	4168.6	9.7455	4366.5

Sample Name: PB116643BS Acquired: 1/30/2019 15:25:17 Type: Unk
Method: P4-ICP2(v2813) 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	.72732	1.9530	.94205	1.9274	.80711	2.0392	.16880	.20491
Stddev	.00214	.0019	.00395	.0047	.00433	.0063	.00354	.00067
%RSD	.29431	.09708	.41896	.24613	.53667	.30790	2.0960	.32509
#1	.72534	1.9513	.93771	1.9222	.80309	2.0320	.17091	.20555
#2	.72701	1.9526	.94301	1.9283	.81170	2.0437	.17079	.20422
#3	.72959	1.9550	.94543	1.9316	.80654	2.0418	.16472	.20497
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18584	1.0727	.39442	.18606	.30409	2.9622	.21653	1.9774
Stddev	.00033	.0024	.00019	.00005	.00165	.0195	.00053	.0509
%RSD	.17736	.22834	.04753	.02821	.54162	.65891	.24354	2.5736
#1	.18550	1.0702	.39426	.18607	.30223	2.9698	.21692	2.0263
#2	.18616	1.0726	.39437	.18601	.30538	2.9401	.21593	1.9247
#3	.18585	1.0751	.39462	.18611	.30465	2.9769	.21675	1.9812
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47238	.06648	2.7838	.28776	.19906	9.5293	.38909	.29502
Stddev	.00050	.00033	.0265	.00117	.00009	.0358	.00116	.00740
%RSD	.10517	.49758	.95107	.40559	.04610	.37582	.29853	2.5075
#1	.47200	.06667	2.7548	.28752	.19900	9.5003	.38793	.28703
#2	.47220	.06667	2.8066	.28674	.19917	9.5183	.38909	.29639
#3	.47294	.06610	2.7899	.28903	.19903	9.5693	.39026	.30163
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9084	.89364	.62087	.19621	.20180	5.242	.21492	F 3.5844
Stddev	.0362	.00335	.00161	.00430	.00281	.007	.00077	.0285
%RSD	.40680	.37499	.25932	2.1923	1.3942	.1269	.35920	.79602
#1	8.9444	.89087	.62089	.19148	.20215	5.235	.21443	3.5951
#2	8.8719	.89269	.62247	.19724	.19884	5.242	.21453	3.5520
#3	8.9089	.89736	.61925	.19990	.20443	5.248	.21581	3.6060

Sample Name: PB116643BS Acquired: 1/30/2019 15:25:17 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 21.165
Stddev .580
%RSD 2.7413

#1 21.366
#2 21.619
#3 20.512

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3841.7	46044.	4190.4	10.997	4290.2
Stddev	6.0	145.	18.0	1.253	17.0
%RSD	.15626	.31561	.42946	11.398	.39700

#1	3835.8	46143.	4199.4	11.511	4271.0
#2	3841.4	46111.	4202.0	9.5682	4296.0
#3	3847.8	45877.	4169.7	11.911	4303.5

Sample Name: CCV03 Acquired: 1/30/2019 15:36:36 Type: Unk
Method: P4-ICP2(v2813) 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	4.9486	5.1433	5.0873	5.1527	5.3486	10.762	9.5994
Stddev	.0074	.0110	.0070	.0089	.0095	.040	.0413
%RSD	.15012	.21385	.13778	.17291	.17769	.37578	.42969

#1	4.9418	5.1470	5.0828	5.1470	5.3436	10.800	9.5789
#2	4.9475	5.1520	5.0954	5.1630	5.3596	10.719	9.6469
#3	4.9566	5.1309	5.0838	5.1483	5.3428	10.768	9.5724

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26842	2.5759	26.971	1.0003	2.4793	1.2961	4.7863
Stddev	.00031	.0046	.055	.0017	.0056	.0024	.0190
%RSD	.11594	.17905	.20464	.17151	.22481	.18666	.39717

#1	.26860	2.5732	26.947	1.0022	2.4822	1.2951	4.7731
#2	.26860	2.5813	26.932	.99905	2.4828	1.2989	4.8081
#3	.26806	2.5734	27.034	.99955	2.4729	1.2944	4.7777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7102	24.066	2.5066	1.1631	24.166	2.4625	2.5800
Stddev	.0077	.047	.0089	.0018	.128	.0076	.0054
%RSD	.28394	.19669	.35541	.15564	.52786	.30661	.20979

#1	2.7129	24.046	2.4980	1.1650	24.153	2.4663	2.5790
#2	2.7015	24.120	2.5158	1.1630	24.299	2.4538	2.5858
#3	2.7162	24.032	2.5060	1.1614	24.045	2.4675	2.5751

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.515	5.0098	5.0581	5.1448	4.7344	4.7997	4.8761
Stddev	.092	.0037	.0116	.0525	.0219	.0111	.0146
%RSD	.38920	.07476	.22941	1.0204	.46345	.23094	.29861

#1	23.501	5.0089	5.0628	5.1985	4.7239	4.7883	4.8771
#2	23.613	5.0139	5.0449	5.0936	4.7596	4.8104	4.8902
#3	23.432	5.0065	5.0667	5.1422	4.7197	4.8005	4.8611

Sample Name: CCV03 Acquired: 1/30/2019 15:36:36 Type: Unk
Method: P4-ICP2(v2813) 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	5.1100	5.112	F 5.5877	4.6759	F<.00000
Stddev	.0275	.002	.0314	.0797	3.5103
%RSD	.53754	.0456	.56138	1.7041	2272.1
#1	5.0957	5.113	5.5688	4.6656	3.8945
#2	5.1417	5.109	5.6239	4.6019	-2.3412
#3	5.0927	5.113	5.5703	4.7602	-2.0167
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3584.8	43057.	4050.5	11.477	3703.0
Stddev	13.1	142.	15.6	.433	14.1
%RSD	.36569	.32987	.38430	3.7699	.38201
#1	3573.3	43036.	4060.2	11.633	3692.0
#2	3582.1	43208.	4032.5	11.809	3698.0
#3	3599.1	42926.	4058.7	10.987	3719.0

Sample Name: CCB03 Acquired: 1/30/2019 15:50:39 Type: Unk
Method: P4-ICP2(v2813) 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	-.00152	-.00029	-.00147	-.00086	-.00137	-.00366	-.02604
Stddev	.00135	.00034	.00078	.00072	.00049	.01429	.00089
%RSD	88.486	116.90	52.836	83.952	35.414	389.87	3.4113

#1	-.00013	-.00042	-.00237	-.00058	-.00171	.00739	-.02599
#2	-.00281	-.00054	-.00096	-.00168	-.00082	-.01980	-.02695
#3	-.00163	.00010	-.00109	-.00032	-.00159	.00141	-.02517

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00005	.00814	.00033	.00008	-.00065	-.00016
Stddev	.00002	.00004	.02027	.00026	.00014	.00038	.00230
%RSD	303.06	88.118	248.95	76.570	166.44	57.842	1453.7

#1	-.00001	.00006	-.01523	.00063	.00005	-.00107	.00114
#2	-.00002	.00000	.02087	.00014	.00023	-.00053	-.00281
#3	.00002	.00009	.01879	.00023	-.00003	-.00035	.00120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01751	.00090	.00102	-.20702	-.00017	-.00002
Stddev	.00004	.05286	.00020	.00025	.00325	.00028	.00006
%RSD	285.18	301.86	22.378	24.903	1.5690	168.63	253.20

#1	-.00004	-.01914	.00088	.00094	-.20844	-.00034	-.00005
#2	-.00004	-.00643	.00070	.00131	-.20931	.00016	-.00006
#3	.00003	.07810	.00110	.00082	-.20330	-.00032	.00004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15790	.00017	.01273	-.00622	.00417	-.00049	.00593
Stddev	.02827	.00019	.00195	.01080	.00210	.00013	.00220
%RSD	17.906	109.85	15.346	173.68	50.331	26.994	37.088

#1	.12987	.00037	.01252	-.00078	.00448	-.00058	.00346
#2	.15742	.00012	.01088	.00078	.00609	-.00034	.00666
#3	.18641	.00001	.01477	-.01865	.00193	-.00055	.00767

Sample Name: CCB03 Acquired: 1/30/2019 15:50:39 Type: Unk
 Method: P4-ICP2(v2813) 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	.00086	.0013	-.00018	F 3.7396	F<.00000
Stddev	.00187	.0002	.00005	.0673	1.3229
%RSD	217.80	18.71	29.978	1.8006	15.430

#1	-.00023	.0013	-.00015	3.8081	-9.2898
#2	.00301	.0010	-.00015	3.6734	-9.3840
#3	-.00021	.0015	-.00024	3.7374	-7.0470

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3835.7	46146.	4177.1	10.509	4386.6
Stddev	12.6	160.	45.2	1.276	12.4
%RSD	.32814	.34663	1.0813	12.143	.28223

#1	3824.9	45963.	4227.8	11.352	4374.4
#2	3832.8	46256.	4141.1	11.134	4386.2
#3	3849.5	46219.	4162.3	9.0409	4399.2

Sample Name: K1250-04LX5 Acquired: 1/30/2019 15:59:47 Type: Unk
Method: P4-ICP2(v2813) 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	-.00953	.00644	4.7210	-.03473	-.00190	6.8017	.27087	.00120
Stddev	.00299	.00074	.0203	.00057	.00033	.0058	.00563	.00018
%RSD	31.337	11.422	.42942	1.6455	17.227	.08572	2.0784	15.378
#1	-.00889	.00679	4.7136	-.03421	-.00219	6.8027	.27286	.00128
#2	-.00692	.00693	4.7054	-.03464	-.00196	6.7954	.27523	.00099
#3	-.01279	.00559	4.7439	-.03534	-.00154	6.8069	.26451	.00134
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	26.116	1.6145	.00965	.18550	231.46	1.2952	9.3730
Stddev	.00011	.061	.0043	.00048	.00198	1.25	.0036	.0801
%RSD	13.586	.23380	.26454	5.0134	1.0665	.53788	.27724	.85448
#1	.00086	26.054	1.6172	.01009	.18328	230.36	1.2963	9.2986
#2	.00066	26.118	1.6096	.00913	.18616	231.22	1.2912	9.3625
#3	.00082	26.176	1.6168	.00973	.18707	232.81	1.2982	9.4578
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03416	-.00661	24.918	.11000	2.3930	2.8624	.00529	.01407
Stddev	.00043	.00040	.049	.00104	.0085	.0059	.00024	.01519
%RSD	1.2700	6.0812	.19848	.94730	.35396	.20646	4.4914	107.95
#1	.03420	-.00672	24.913	.11041	2.3887	2.8673	.00552	.02985
#2	.03371	-.00616	24.969	.10881	2.3876	2.8558	.00505	.01280
#3	.03457	-.00694	24.870	.11077	2.4028	2.8640	.00531	-.00044
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.133	7.1134	.01215	.19345	.01034	.5359	-.17312	3.7494
Stddev	.124	.0161	.00010	.00317	.00339	.0040	.00163	.0878
%RSD	.61714	.22600	.79507	1.6405	32.806	.7506	.94155	2.3413
#1	20.066	7.0974	.01210	.19193	.01303	.5313	-.17149	3.7720
#2	20.058	7.1295	.01209	.19709	.00653	.5375	-.17311	3.8237
#3	20.277	7.1134	.01226	.19132	.01147	.5389	-.17475	3.6525

Sample Name: K1250-04LX5 Acquired: 1/30/2019 15:59:47 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1253.6
Stddev 5.9
%RSD .47395

#1 1251.8
#2 1260.3
#3 1248.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3627.2	44163.	4145.2	11.387	3782.3
Stddev	13.8	57.	17.8	.745	8.9
%RSD	.38017	.12864	.42925	6.5424	.23426

#1	3642.9	44128.	4158.2	11.853	3786.5
#2	3617.1	44229.	4152.4	10.528	3788.2
#3	3621.6	44133.	4124.9	11.781	3772.1

Sample Name: K1223-02 Acquired: 1/30/2019 16:17:05 Type: Unk
Method: P4-ICP2(v2813) 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	.06757	-.04407	.84452	-.03696	.00219	147.17	.84153	.00878
Stddev	.00239	.00185	.00097	.00160	.00133	.71	.01574	.00013
%RSD	3.5443	4.2067	.11496	4.3172	60.745	.48313	1.8698	1.5336
#1	.07021	-.04611	.84461	-.03880	.00225	146.89	.82455	.00866
#2	.06554	-.04362	.84545	-.03595	.00083	147.98	.84442	.00893
#3	.06697	-.04248	.84351	-.03613	.00349	146.65	.85562	.00875
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00373	430.54	.32003	.13536	.68230	186.38	4.3735	169.46
Stddev	.00030	6.76	.00289	.00006	.00082	2.51	.0069	1.53
%RSD	8.1417	1.5694	.90176	.04498	.12006	1.3453	.15673	.90163
#1	.00397	423.97	.31853	.13529	.68152	184.46	4.3658	167.94
#2	.00384	430.18	.32336	.13537	.68222	185.46	4.3789	169.46
#3	.00339	437.47	.31821	.13541	.68316	189.22	4.3759	170.99
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25127	-.01077	9.7952	.51842	1.7914	36.679	.00753	.03054
Stddev	.00106	.00040	.0300	.00517	.0033	.238	.00010	.00694
%RSD	.42030	3.7442	.30588	.99698	.18618	.64826	1.3056	22.742
#1	.25008	-.01054	9.7607	.51602	1.7876	36.432	.00742	.02514
#2	.25163	-.01124	9.8104	.52435	1.7934	36.698	.00755	.03837
#3	.25210	-.01055	9.8146	.51489	1.7933	36.906	.00762	.02810
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.839	9.2409	.05853	4.5888	.20162	F 11.32	1.0337	3.0203
Stddev	.057	.1268	.00145	.0169	.00387	.04	.0111	.1233
%RSD	.33901	1.3727	2.4794	.36910	1.9213	.3300	1.0721	4.0835
#1	16.808	9.1734	.05751	4.5830	.19757	11.28	1.0220	3.1515
#2	16.905	9.1621	.05789	4.5756	.20201	11.34	1.0350	2.9068
#3	16.805	9.3873	.06019	4.6079	.20529	11.35	1.0440	3.0026

Sample Name: K1223-02 Acquired: 1/30/2019 16:17:05 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1232.6
Stddev	1.5
%RSD	.11984

#1	1230.9
#2	1233.5
#3	1233.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3860.1	46919.	4681.1	11.649	3301.4
Stddev	4.2	73.	54.1	1.026	8.2
%RSD	.10805	.15475	1.1549	8.8043	.24751

#1	3863.7	46894.	4717.8	12.618	3310.4
#2	3861.3	46862.	4706.5	10.575	3299.5
#3	3855.5	47001.	4619.0	11.752	3294.4

Sample Name: K1230-01 Acquired: 1/30/2019 16:23:08 Type: Unk
Method: P4-ICP2(v2813) 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	-.00110	-.00199	.02098	.00436	-.00070	.35897	.12692	-.00002
Stddev	.00057	.00031	.00068	.00324	.00114	.01046	.00421	.00006
%RSD	52.267	15.821	3.2252	74.343	163.20	2.9137	3.3205	341.75

#1	-.00082	-.00235	.02131	.00388	.00057	.36463	.13141	-.00008
#2	-.00175	-.00176	.02144	.00138	-.00104	.34690	.12306	-.00002
#3	-.00071	-.00185	.02020	.00781	-.00163	.36538	.12628	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	290.13	.00058	.00058	.05667	8.7219	1.0802	67.449
Stddev	.00007	2.09	.00028	.00005	.00068	.1392	.0011	.581
%RSD	13.092	.71944	47.805	8.7647	1.2040	1.5957	.10466	.86171

#1	-.00064	290.26	.00081	.00053	.05740	8.6638	1.0791	67.647
#2	-.00054	287.98	.00065	.00063	.05657	8.6211	1.0814	66.794
#3	-.00050	292.14	.00027	.00059	.05605	8.8807	1.0801	67.905

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00430	.00083	114.89	.00090	.11403	21.640	.00227	.26741
Stddev	.00016	.00048	1.06	.00034	.00040	.197	.00018	.00813
%RSD	3.6860	57.904	.92339	37.403	.35197	.90888	7.7354	3.0390

#1	.00436	.00095	115.97	.00085	.11394	21.798	.00229	.27517
#2	.00443	.00030	113.85	.00059	.11447	21.420	.00244	.25896
#3	.00412	.00124	114.87	.00126	.11369	21.703	.00209	.26808

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 104.79	F 12.880	-.03327	.01218	.04044	2.316	2.8021	5.1051
Stddev	.76	.107	.00061	.00169	.00203	.024	.0230	.1646
%RSD	.72408	.83420	1.8451	13.876	5.0158	1.025	.82204	3.2249

#1	105.25	12.910	-.03342	.01382	.03820	2.330	2.8185	5.2552
#2	105.21	12.761	-.03260	.01044	.04098	2.330	2.7758	5.1312
#3	103.92	12.969	-.03380	.01227	.04215	2.289	2.8120	4.9290

Sample Name: K1230-01 Acquired: 1/30/2019 16:23:08 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	24.338
Stddev	1.927
%RSD	7.9179

#1	24.537
#2	26.158
#3	22.319

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3391.2	40766.	3860.6	10.034	3559.9
Stddev	35.6	267.	33.0	1.664	37.8
%RSD	1.0502	.65391	.85534	16.582	1.0625

#1	3357.9	40495.	3829.4	11.955	3525.5
#2	3386.9	40775.	3895.2	9.1018	3553.8
#3	3428.7	41028.	3857.3	9.0446	3600.4

Sample Name: K1230-01DUP Acquired: 1/30/2019 16:27:25 Type: Unk
Method: P4-ICP2(v2813) 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	-.00036	-.00112	.02042	.00269	-.00204	.36258	.12246	.00006
Stddev	.00086	.00020	.00018	.00026	.00203	.01094	.00366	.00002
%RSD	238.02	17.891	.90559	9.5812	99.340	3.0179	2.9909	41.400

#1	-.00048	-.00103	.02022	.00275	-.00009	.34994	.12656	.00005
#2	-.00116	-.00134	.02058	.00241	-.00413	.36895	.12129	.00008
#3	.00055	-.00098	.02047	.00291	-.00189	.36885	.11952	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	289.29	.00039	.00076	.05642	8.6907	1.0819	67.113
Stddev	.00005	1.93	.00066	.00023	.00164	.0761	.0033	.194
%RSD	9.5488	.66569	166.41	29.917	2.9018	.87504	.30192	.28954

#1	-.00061	290.36	-.00021	.00069	.05762	8.6807	1.0856	66.969
#2	-.00051	290.43	.00029	.00101	.05709	8.7713	1.0794	67.036
#3	-.00055	287.06	.00109	.00057	.05455	8.6202	1.0808	67.334

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00434	.00044	114.36	.00101	.09699	21.484	.00201	.26611
Stddev	.00054	.00012	.76	.00007	.00178	.201	.00006	.01019
%RSD	12.340	27.683	.66375	7.1947	1.8391	.93702	2.8958	3.8307

#1	.00488	.00038	114.61	.00109	.09790	21.587	.00204	.27784
#2	.00434	.00059	114.96	.00095	.09814	21.613	.00206	.26106
#3	.00381	.00037	113.51	.00100	.09494	21.252	.00195	.25943

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 103.88	F 12.745	-.03366	.00784	.04129	2.300	2.7898	5.0166
Stddev	1.77	.075	.00101	.00264	.00221	.043	.0212	.0903
%RSD	1.7012	.59046	3.0038	33.635	5.3545	1.861	.76086	1.7993

#1	104.97	12.798	-.03429	.00689	.03896	2.319	2.8041	5.1175
#2	104.83	12.777	-.03420	.00581	.04156	2.330	2.8000	4.9887
#3	101.85	12.658	-.03250	.01082	.04335	2.251	2.7655	4.9435

Sample Name: K1230-01DUP Acquired: 1/30/2019 16:27:25 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	24.141
Stddev	1.390
%RSD	5.7591

#1	24.793
#2	25.085
#3	22.544

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3408.5	40991.	3903.4	11.230	3562.0
Stddev	56.1	296.	40.6	.673	54.2
%RSD	1.6467	.72231	1.0391	5.9961	1.5207

#1	3370.5	40702.	3867.7	11.253	3523.2
#2	3382.0	40978.	3894.9	10.546	3538.8
#3	3472.9	41294.	3947.5	11.892	3623.9

Sample Name: K1230-01LX5 Acquired: 1/30/2019 16:31:44 Type: Unk
Method: P4-ICP2(v2813) 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	-.00198	-.00092	.00457	.00366	-.00119	.05964	.01057
Stddev	.00116	.00259	.00072	.00222	.00091	.00447	.00397
%RSD	58.301	282.61	15.871	60.599	76.310	7.4986	37.595

#1	-.00318	-.00276	.00536	.00126	-.00017	.06057	.00655
#2	-.00087	.00204	.00441	.00407	-.00191	.06357	.01449
#3	-.00191	-.00203	.00393	.00564	-.00150	.05477	.01066

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00022	60.172	-.00003	.00013	.01071	1.9179
Stddev	.00002	.00009	.247	.00005	.00016	.00054	.0267
%RSD	22.167	40.938	.41049	176.60	123.48	5.0485	1.3934

#1	.00005	-.00028	59.930	.00003	.00014	.01112	1.8907
#2	.00008	-.00012	60.161	-.00006	-.00004	.01010	1.9441
#3	.00008	-.00026	60.424	-.00004	.00029	.01091	1.9189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22610	14.251	.00095	.00050	22.895	.00044	.01932
Stddev	.00023	.100	.00063	.00040	.151	.00087	.00021
%RSD	.10296	.70418	66.628	80.144	.65789	198.77	1.0939

#1	.22585	14.144	.00131	.00091	22.962	.00037	.01956
#2	.22614	14.343	.00130	.00010	22.722	.00134	.01920
#3	.22632	14.265	.00022	.00050	23.000	-.00040	.01919

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4900	.00043	.06531	F 20.660	2.7706	-.00584	.00581
Stddev	.0301	.00021	.00443	.098	.0343	.00040	.00065
%RSD	.66983	47.798	6.7871	.47544	1.2399	6.9040	11.265

#1	4.4956	.00027	.06786	20.548	2.7336	-.00630	.00627
#2	4.4575	.00036	.06788	20.730	2.8015	-.00558	.00506
#3	4.5168	.00067	.06019	20.703	2.7768	-.00563	.00609

Sample Name: K1230-01LX5 Acquired: 1/30/2019 16:31:44 Type: Unk
Method: P4-ICP2(v2813) 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	.00568	.4567	.57206	4.0954	F<.00000
Stddev	.00226	.0011	.00102	.1735	.56066
%RSD	39.755	.2320	.17861	4.2372	21.222

#1	.00313	.4578	.57231	4.2861	-2.0018
#2	.00743	.4565	.57094	4.0534	-2.8775
#3	.00648	.4557	.57294	3.9468	-3.0462

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3685.1	44360.	4008.5	11.242	3964.3
Stddev	10.4	269.	8.8	.828	13.4
%RSD	.28101	.60734	.22063	7.3616	.33834

#1	3673.8	44077.	4015.5	10.834	3961.0
#2	3687.6	44391.	4011.5	10.698	3952.8
#3	3694.0	44613.	3998.5	12.195	3979.1

Sample Name: K1230-01MS Acquired: 1/30/2019 16:36:09 Type: Unk
Method: P4-ICP2(v2813) 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	.81732	1.9608	1.0001	2.1163	.96266	2.6638	.35310	.22269
Stddev	.00636	.0064	.0017	.0056	.00475	.0621	.02906	.00380
%RSD	.77855	.32615	.16607	.26304	.49343	2.3333	8.2299	1.7062
#1	.81122	1.9652	1.0016	2.1102	.95735	2.7111	.38618	.22497
#2	.81683	1.9535	1.0005	2.1175	.96650	2.6868	.33168	.22480
#3	.82392	1.9638	.99833	2.1212	.96413	2.5934	.34145	.21831
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20248	309.70	.41387	.20004	.36826	12.097	1.3296	74.325
Stddev	.00059	12.28	.00627	.00052	.00170	.386	.0255	2.581
%RSD	.28892	3.9634	1.5147	.25829	.46249	3.1938	1.9173	3.4732
#1	.20201	323.84	.41771	.20061	.36633	12.542	1.3442	77.306
#2	.20230	301.80	.41726	.19961	.36893	11.859	1.3445	72.869
#3	.20313	303.46	.40663	.19989	.36953	11.888	1.3002	72.801
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50432	.07275	125.26	.31385	.31854	33.141	.45777	.61339
Stddev	.00151	.00079	5.12	.00517	.00055	1.363	.00403	.03466
%RSD	.30025	1.0896	4.0851	1.6486	.17293	4.1134	.88112	5.6513
#1	.50429	.07281	131.17	.31730	.31842	34.715	.45317	.65341
#2	.50281	.07352	122.24	.31635	.31807	32.378	.45943	.59367
#3	.50584	.07194	122.37	.30790	.31915	32.330	.46070	.59308
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 108.74	F 14.618	.70278	.23572	.26321	8.564	3.1910	5.0894
Stddev	.27	.526	.00234	.00846	.01009	.011	.1356	.1844
%RSD	.25209	3.6008	.33320	3.5901	3.8326	.1334	4.2506	3.6226
#1	108.98	15.226	.70257	.24544	.27481	8.575	3.3475	5.2181
#2	108.44	14.319	.70055	.23164	.25834	8.553	3.1075	5.1719
#3	108.81	14.309	.70522	.23006	.25649	8.563	3.1179	4.8782

Sample Name: K1230-01MS Acquired: 1/30/2019 16:36:09 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	50.396
Stddev	3.379
%RSD	6.7045

#1	46.515
#2	52.681
#3	51.991

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.4	40948.	3748.7	10.367	3516.0
Stddev	15.7	851.	133.2	1.433	1.5
%RSD	.46409	2.0789	3.5524	13.826	.04230

#1	3392.2	40423.	3595.0	10.700	3514.5
#2	3368.2	40490.	3825.8	11.604	3516.0
#3	3362.7	41930.	3825.5	8.7965	3517.5

Sample Name: K1230-01MSD Acquired: 1/30/2019 16:40:11 Type: Unk
Method: P4-ICP2(v2813) 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	.83950	2.0253	1.0355	2.1738	.95902	2.7318	.35069	.23236
Stddev	.01658	.0381	.0208	.0210	.01693	.0235	.00071	.00015
%RSD	1.9744	1.8832	2.0117	.96432	1.7654	.86111	.20382	.06564
#1	.84867	2.0532	1.0470	2.1913	.97323	2.7067	.35145	.23253
#2	.82036	1.9819	1.0115	2.1506	.94029	2.7353	.35004	.23231
#3	.84945	2.0409	1.0481	2.1796	.96354	2.7533	.35058	.23224
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21003	307.73	.43773	.20751	.37803	12.175	1.3700	74.344
Stddev	.00443	2.77	.00114	.00438	.00667	.114	.0008	.626
%RSD	2.1077	.89914	.26150	2.1085	1.7657	.93824	.05712	.84225
#1	.21287	308.79	.43735	.21033	.38282	12.218	1.3706	74.026
#2	.20493	309.82	.43682	.20247	.37041	12.261	1.3691	73.941
#3	.21229	304.60	.43901	.20973	.38086	12.045	1.3704	75.065
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52232	.07528	124.40	.32916	.33037	33.206	.45530	.61111
Stddev	.00924	.00043	.94	.00026	.00679	.273	.00817	.00602
%RSD	1.7697	.56763	.75492	.07752	2.0538	.82204	1.7950	.98502
#1	.52874	.07571	124.58	.32945	.33475	33.273	.46222	.60649
#2	.51173	.07486	125.24	.32897	.32255	33.439	.44628	.61791
#3	.52650	.07525	123.39	.32906	.33380	32.905	.45741	.60892
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 110.45	F 14.590	.70317	.23182	.26826	8.789	3.1717	5.0744
Stddev	2.07	.133	.01575	.00362	.00118	.164	.0303	.0807
%RSD	1.8773	.90857	2.2393	1.5635	.44156	1.862	.95611	1.5902
#1	111.84	14.628	.71390	.23465	.26954	8.897	3.1803	5.1083
#2	108.07	14.699	.68509	.23307	.26721	8.601	3.1967	5.1325
#3	111.45	14.442	.71051	.22773	.26802	8.869	3.1380	4.9823

Sample Name: K1230-01MSD Acquired: 1/30/2019 16:40:11 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	56.390
Stddev	1.373
%RSD	2.4349

#1	55.144
#2	56.164
#3	57.862

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3407.6	41072.	3842.3	10.225	3534.5
Stddev	49.5	166.	42.6	.555	60.5
%RSD	1.4534	.40361	1.1093	5.4324	1.7117

#1	3358.8	40899.	3814.9	10.853	3483.2
#2	3457.8	41087.	3820.6	10.019	3601.2
#3	3406.3	41229.	3891.4	9.8012	3519.2

Sample Name: CCV04 Acquired: 1/30/2019 16:44:14 Type: Unk
Method: P4-ICP2(v2813) 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	4.8303	5.0305	4.9970	5.0130	5.1915	10.324	9.2797
Stddev	.0036	.0017	.0082	.0108	.0059	.032	.0552
%RSD	.07454	.03441	.16361	.21592	.11328	.30743	.59467

#1	4.8266	5.0285	5.0038	5.0183	5.1847	10.324	9.3160
#2	4.8306	5.0310	4.9879	5.0005	5.1951	10.292	9.3070
#3	4.8338	5.0319	4.9993	5.0200	5.1948	10.356	9.2162

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26319	2.5300	26.459	.98818	2.4348	1.2672	4.8552
Stddev	.00118	.0048	.101	.00249	.0035	.0016	.0337
%RSD	.44896	.19068	.38063	.25228	.14274	.12921	.69410

#1	.26368	2.5306	26.363	.99074	2.4344	1.2655	4.8684
#2	.26405	2.5249	26.451	.98803	2.4315	1.2675	4.8803
#3	.26184	2.5345	26.564	.98576	2.4384	1.2687	4.8169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6559	24.021	2.4593	1.1517	23.649	2.4356	2.5314
Stddev	.0063	.041	.0031	.0020	.122	.0077	.0051
%RSD	.23925	.17163	.12677	.17272	.51746	.31548	.20068

#1	2.6592	23.980	2.4603	1.1538	23.692	2.4405	2.5316
#2	2.6598	24.020	2.4558	1.1498	23.744	2.4396	2.5262
#3	2.6485	24.063	2.4617	1.1516	23.511	2.4267	2.5363

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.037	4.9132	4.9947	5.0409	4.7537	4.7338	4.8051
Stddev	.127	.0011	.0231	.0230	.0048	.0139	.0422
%RSD	.55008	.02259	.46146	.45567	.10136	.29337	.87761

#1	23.103	4.9119	5.0119	5.0154	4.7498	4.7245	4.8435
#2	23.118	4.9140	4.9685	5.0475	4.7590	4.7271	4.8118
#3	22.891	4.9136	5.0036	5.0599	4.7522	4.7497	4.7600

Sample Name: CCV04 Acquired: 1/30/2019 16:44:14 Type: Unk
Method: P4-ICP2(v2813) 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	4.9676	5.000	5.4121	F 4.2112	F<.00000
Stddev	.0189	.013	.0284	.0538	1.4506
%RSD	.38103	.2512	.52394	1.2781	91.997

#1	4.9754	4.996	5.4260	4.2615	-.03704
#2	4.9815	4.990	5.4309	4.1544	-1.7756
#3	4.9461	5.015	5.3795	4.2177	-2.9177

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3705.7	44694.	4111.4	11.499	3816.5
Stddev	4.4	107.	20.3	.518	11.0
%RSD	.11845	.23944	.49478	4.5030	.28853

#1	3702.7	44571.	4097.6	11.636	3807.8
#2	3710.8	44767.	4101.9	10.926	3828.9
#3	3703.8	44743.	4134.8	11.934	3812.9

Sample Name: CCB04 Acquired: 1/30/2019 16:48:14 Type: Unk
Method: P4-ICP2(v2813) 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	.00080	.00209	-.00139	-.00072	.00066	-.00701	-.01401
Stddev	.00151	.00139	.00058	.00104	.00194	.00539	.02863
%RSD	188.37	66.512	41.708	145.08	295.70	76.869	204.35

#1	.00067	.00318	-.00080	-.00120	.00082	-.01164	-.00456
#2	.00237	.00053	-.00141	.00048	-.00136	-.00829	-.04618
#3	-.00064	.00255	-.00195	-.00144	.00252	-.00110	.00870

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00004	.00218	-.00015	-.00010	-.00085	.00022
Stddev	.00004	.00004	.02309	.00008	.00008	.00019	.00227
%RSD	157.63	110.56	1058.4	49.772	83.589	21.832	1029.5

#1	.00003	-.00001	-.01536	-.00008	-.00002	-.00086	.00022
#2	-.00002	.00007	-.00644	-.00016	-.00019	-.00066	.00249
#3	.00007	.00004	.02834	-.00023	-.00010	-.00103	-.00205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00400	.00091	.00079	-.19634	-.00012	-.00007
Stddev	.00006	.02021	.00012	.00006	.00593	.00054	.00007
%RSD	151.98	504.74	13.480	7.3247	3.0205	437.20	102.25

#1	-.00002	-.00670	.00078	.00082	-.19671	-.00069	.00001
#2	.00001	-.00860	.00102	.00083	-.20207	.00037	-.00013
#3	-.00011	.02732	.00093	.00073	-.19023	-.00005	-.00008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10434	.00016	.00840	F -.01151	.00776	-.00057	.00446
Stddev	.09639	.00013	.00511	.00743	.00435	.00023	.00307
%RSD	92.379	85.828	60.767	64.549	56.041	39.578	68.735

#1	.07826	.00013	.00613	-.00502	.00920	-.00034	.00098
#2	.21109	.00004	.00483	-.01962	.00287	-.00079	.00567
#3	.02368	.00030	.01425	-.00989	.01121	-.00057	.00674

Sample Name: CCB04 Acquired: 1/30/2019 16:48:14 Type: Unk
 Method: P4-ICP2(v2813) 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	.00064	.0006	.00004	F 2.9736	F<.00000
Stddev	.00274	.0006	.00004	.7818	2.6518
%RSD	427.30	106.8	84.012	26.291	46.037
#1	.00328	.0004	.00009	2.0811	-4.4819
#2	-.00218	.0001	.00002	3.3026	-8.8089
#3	.00083	.0013	.00002	3.5371	-3.9896
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3897.2	48633.	3967.1	11.666	4446.6
Stddev	53.8	2989.	544.0	1.298	71.4
%RSD	1.3808	6.1467	13.714	11.124	1.6062
#1	3852.3	52011.	3755.7	11.489	4384.9
#2	3882.3	47555.	4585.1	13.043	4429.9
#3	3956.8	46331.	3560.4	10.466	4524.9

Sample Name: K1230-01A Acquired: 1/30/2019 16:52:42 Type: Unk
Method: P4-ICP2(v2813) 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	.83569	2.0203	1.0327	2.1574	.96738	2.7021	.34222	.22765
Stddev	.00620	.0060	.0055	.0120	.00582	.0517	.00606	.00006
%RSD	.74133	.29542	.53193	.55679	.60133	1.9123	1.7717	.02677
#1	.83489	2.0158	1.0333	2.1452	.96221	2.6470	.33522	.22769
#2	.82993	2.0181	1.0269	2.1578	.96624	2.7494	.34595	.22758
#3	.84225	2.0271	1.0378	2.1692	.97368	2.7098	.34548	.22769
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20899	304.92	.42560	.20632	.37650	12.019	1.3500	73.385
Stddev	.00103	1.50	.00216	.00022	.00218	.121	.0006	.243
%RSD	.49493	.49309	.50817	.10493	.58022	1.0026	.04407	.33112
#1	.20841	306.65	.42530	.20647	.37567	12.146	1.3505	73.121
#2	.20838	304.08	.42361	.20643	.37485	11.907	1.3501	73.599
#3	.21019	304.02	.42790	.20607	.37897	12.003	1.3494	73.435
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52093	.07389	123.40	.32170	.32428	32.849	.45958	.60536
Stddev	.00174	.00058	.93	.00158	.00143	.189	.00212	.00034
%RSD	.33334	.78012	.75538	.49081	.44078	.57610	.46027	.05611
#1	.52046	.07444	124.39	.32232	.32343	33.059	.45917	.60518
#2	.51947	.07394	122.53	.32288	.32348	32.692	.45770	.60514
#3	.52285	.07329	123.29	.31991	.32593	32.795	.46187	.60575
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 110.83	F 14.432	.71136	.23207	.26006	8.778	3.1353	5.0230
Stddev	.58	.206	.00409	.00356	.00424	.021	.0199	.1154
%RSD	.52238	1.4242	.57460	1.5349	1.6288	.2438	.63376	2.2982
#1	110.26	14.646	.71065	.23367	.25519	8.760	3.1582	5.1463
#2	110.80	14.236	.70768	.23456	.26290	8.773	3.1256	5.0052
#3	111.42	14.414	.71576	.22799	.26210	8.802	3.1222	4.9174

Sample Name: K1230-01A Acquired: 1/30/2019 16:52:42 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	54.264
Stddev	.808
%RSD	1.4895

#1	55.162
#2	54.033
#3	53.596

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3399.8	41183.	3846.5	11.012	3517.0
Stddev	24.7	209.	53.8	1.437	23.0
%RSD	.72737	.50788	1.3990	13.051	.65372

#1	3389.9	40943.	3785.5	12.627	3507.0
#2	3428.0	41279.	3887.2	10.532	3543.3
#3	3381.6	41327.	3866.8	9.8756	3500.8

Sample Name: K1253-01 Acquired: 1/30/2019 16:56:45 Type: Unk
Method: P4-ICP2(v2813) 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	.00432	.00053	.01438	-.00102	.00057	.45068	.13714
Stddev	.00056	.00026	.00054	.00124	.00121	.02000	.00401
%RSD	13.047	49.095	3.7256	121.07	213.47	4.4386	2.9248

#1	.00449	.00034	.01390	-.00220	.00196	.43290	.13288
#2	.00478	.00042	.01427	-.00113	-.00022	.44680	.14084
#3	.00369	.00082	.01495	.00027	-.00004	.47234	.13770

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00084	25.722	.00352	.00091	1.2064	.71981
Stddev	.00002	.00006	.181	.00027	.00001	.0034	.01143
%RSD	113.99	6.8047	.70445	7.8112	.88216	.27959	1.5877

#1	.00002	.00080	25.537	.00370	.00091	1.2055	.71896
#2	.00004	.00081	25.899	.00320	.00092	1.2102	.73163
#3	-.00000	.00090	25.732	.00365	.00091	1.2036	.70882

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15686	4.6855	.00261	.00089	44.468	.00173	.71812
Stddev	.00150	.0423	.00012	.00010	.393	.00029	.00090
%RSD	.95318	.90173	4.5505	10.870	.88484	16.593	.12549

#1	.15738	4.7232	.00264	.00100	44.625	.00206	.71913
#2	.15802	4.6933	.00272	.00081	44.758	.00155	.71738
#3	.15517	4.6398	.00249	.00086	44.020	.00157	.71787

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1208	.00086	.04953	3.2789	1.1009	.00124	.03550
Stddev	.0219	.00011	.00652	.0431	.0316	.00075	.00221
%RSD	.70191	13.287	13.162	1.3139	2.8716	60.211	6.2143

#1	3.1062	.00073	.04795	3.3015	1.1278	.00176	.03507
#2	3.1101	.00088	.04395	3.3059	1.1088	.00158	.03789
#3	3.1460	.00096	.05670	3.2292	1.0661	.00038	.03354

Sample Name: K1253-01 Acquired: 1/30/2019 16:56:45 Type: Unk
Method: P4-ICP2(v2813) 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	.01552	.1580	.36738	3.5667	F<.00000
Stddev	.00115	.0013	.00297	.0531	2.1190
%RSD	7.3828	.8228	.80837	1.4894	31.844

#1	.01670	.1583	.36685	3.6016	-4.4650
#2	.01543	.1566	.37058	3.5056	-6.8027
#3	.01442	.1592	.36471	3.5930	-8.6951

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3877.0	46786.	4278.3	11.768	4248.1
Stddev	9.3	22.	37.5	.656	12.1
%RSD	.24063	.04622	.87608	5.5720	.28593

#1	3887.8	46779.	4278.9	11.491	4262.0
#2	3871.2	46810.	4240.5	11.296	4242.5
#3	3872.2	46768.	4315.5	12.516	4239.8

Sample Name: K1253-01DUP Acquired: 1/30/2019 17:01:08 Type: Unk
Method: P4-ICP2(v2813) 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	.00268	-.00050	.01424	.00333	-.00142	.44301	.14069
Stddev	.00218	.00171	.00057	.00094	.00160	.00619	.00402
%RSD	81.285	345.35	4.0343	28.236	112.60	1.3982	2.8594

#1	.00143	.00039	.01478	.00437	-.00064	.44878	.13995
#2	.00141	-.00247	.01430	.00255	-.00036	.43647	.14503
#3	.00519	.00059	.01364	.00306	-.00326	.44379	.13709

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00080	25.805	.00345	.00082	1.1935	.73207
Stddev	.00005	.00009	.333	.00020	.00004	.0100	.00998
%RSD	55.366	11.721	1.2913	5.7579	4.6290	.83325	1.3632

#1	.00015	.00090	25.518	.00329	.00080	1.1821	.72525
#2	.00010	.00080	26.170	.00368	.00087	1.1981	.72744
#3	.00004	.00071	25.727	.00339	.00080	1.2004	.74352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15789	4.6727	.00302	.00121	44.900	.00235	.69867
Stddev	.00118	.0790	.00046	.00033	.469	.00026	.00619
%RSD	.74533	1.6897	15.241	26.896	1.0438	11.142	.88556

#1	.15907	4.5872	.00279	.00151	44.823	.00264	.69154
#2	.15672	4.7429	.00355	.00087	45.403	.00230	.70179
#3	.15789	4.6880	.00272	.00125	44.475	.00212	.70267

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1183	.00097	.03560	3.2254	1.1109	.00123	.03310
Stddev	.0135	.00017	.00792	.0539	.0177	.00058	.00109
%RSD	.43135	17.095	22.238	1.6724	1.5896	47.152	3.3024

#1	3.1057	.00081	.02873	3.1632	1.0926	.00187	.03436
#2	3.1167	.00114	.04425	3.2536	1.1278	.00075	.03256
#3	3.1325	.00095	.03381	3.2594	1.1123	.00106	.03239

Sample Name: K1253-01DUP Acquired: 1/30/2019 17:01:08 Type: Unk
 Method: P4-ICP2(v2813) 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	.01265	.1539	.36983	3.7489	F<.00000
Stddev	.00244	.0021	.00529	.0899	2.8676
%RSD	19.278	1.334	1.4299	2.3972	41.591

#1	.01042	.1516	.36873	3.8044	-6.3689
#2	.01525	.1553	.37558	3.7971	-9.9888
#3	.01227	.1549	.36518	3.6452	-4.3265

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3878.0	46053.	4199.7	12.422	4255.4
Stddev	39.3	233.	50.2	.383	43.5
%RSD	1.0142	.50537	1.1962	3.0799	1.0229

#1	3923.4	45790.	4207.4	12.026	4305.2
#2	3853.8	46138.	4146.1	12.789	4224.8
#3	3856.9	46231.	4245.7	12.451	4236.2

Sample Name: K1253-01LX5 Acquired: 1/30/2019 17:05:31 Type: Unk
Method: P4-ICP2(v2813) 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	.00152	-.00041	.00226	-.00234	-.00017	.08223	.01555
Stddev	.00178	.00084	.00034	.00190	.00156	.00669	.00486
%RSD	117.27	204.89	15.016	81.243	942.67	8.1363	31.222

#1	.00268	-.00115	.00226	-.00047	.00108	.08994	.02096
#2	.00241	-.00058	.00259	-.00428	.00033	.07873	.01415
#3	-.00053	.00050	.00191	-.00228	-.00191	.07802	.01156

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00015	5.6123	.00074	.00011	.25112	.15811
Stddev	.00003	.00006	.1006	.00023	.00007	.00130	.00252
%RSD	50.817	40.022	1.7918	30.963	61.829	.51851	1.5938

#1	.00003	.00022	5.7177	.00078	.00010	.25251	.15920
#2	.00007	.00013	5.6019	.00094	.00004	.24993	.15991
#3	.00010	.00010	5.5173	.00049	.00017	.25092	.15523

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03380	1.0107	.00107	.00054	9.4195	.00012	.15034
Stddev	.00033	.0234	.00021	.00022	.2212	.00008	.00127
%RSD	.98568	2.3177	19.199	41.515	2.3488	71.105	.84688

#1	.03366	.98680	.00083	.00046	9.6664	.00012	.15159
#2	.03418	1.0336	.00117	.00036	9.3531	.00003	.14904
#3	.03356	1.0117	.00121	.00079	9.2391	.00020	.15038

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76951	.00004	.01310	.67025	.23611	-.00016	.01027
Stddev	.01307	.00016	.00793	.02632	.01868	.00027	.00135
%RSD	1.6989	441.27	60.523	3.9263	7.9121	172.87	13.181

#1	.78376	.00017	.01618	.65862	.25684	.00011	.00871
#2	.76669	.00008	.00409	.70037	.23091	-.00015	.01093
#3	.75808	-.00014	.01903	.65175	.22058	-.00043	.01117

Sample Name: K1253-01LX5 Acquired: 1/30/2019 17:05:31 Type: Unk
Method: P4-ICP2(v2813) 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	.00609	.0320	.08172	3.6242	F<.00000
Stddev	.00110	.0004	.00182	.1171	1.1468
%RSD	18.089	1.295	2.2332	3.2296	13.540

#1	.00654	.0319	.08380	3.5954	-7.6055
#2	.00483	.0325	.08098	3.5243	-8.0338
#3	.00690	.0317	.08038	3.7530	-9.7711

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3832.0	46100.	4079.9	11.523	4292.1
Stddev	15.0	24.	95.9	1.152	19.3
%RSD	.39067	.05282	2.3512	9.9934	.44864

#1	3814.9	46076.	3991.8	12.743	4270.3
#2	3838.4	46124.	4065.7	11.370	4306.7
#3	3842.7	46101.	4182.1	10.455	4299.4

Sample Name: K1253-01MS Acquired: 1/30/2019 17:09:54 Type: Unk
Method: P4-ICP2(v2813) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85334	2.1759	1.0859	2.1763	.91362	2.7254	.35715	.23225	.21563
Stddev	.02241	.0660	.0321	.0638	.02203	.0190	.00483	.00089	.00599
%RSD	2.6257	3.0352	2.9533	2.9310	2.4115	.69583	1.3536	.38497	2.7758
#1	.84605	2.1433	1.0720	2.1439	.90325	2.7077	.35288	.23312	.21268
#2	.83549	2.1326	1.0632	2.1353	.89868	2.7454	.35617	.23133	.21170
#3	.87849	2.2519	1.1226	2.2498	.93892	2.7231	.36240	.23230	.22252
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.019	.44273	.21489	1.6002	4.0724	.39470	7.0959	.54201	.07513
Stddev	.256	.00126	.00631	.0413	.0376	.00089	.1005	.01431	.00047
%RSD	.91520	.28456	2.9354	2.5829	.92344	.22543	1.4161	2.6400	.62555
#1	27.905	.44325	.21244	1.5754	4.0799	.39566	7.1330	.53497	.07530
#2	27.838	.44130	.21017	1.5774	4.0315	.39455	6.9821	.53258	.07459
#3	28.312	.44365	.22205	1.6479	4.1056	.39390	7.1725	.55847	.07548
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.785	.33028	.92366	13.359	.45138	.36769	3.4642	2.0949	.72814
Stddev	.527	.00060	.02445	.172	.01172	.00260	.0778	.0082	.02351
%RSD	1.0591	.18056	2.6466	1.2857	2.5969	.70723	2.2458	.39287	3.2294
#1	49.862	.33053	.90936	13.501	.44634	.37063	3.4167	2.0865	.71737
#2	49.223	.32960	.90974	13.168	.44302	.36571	3.4219	2.0952	.71194
#3	50.269	.33071	.95189	13.409	.46477	.36672	3.5540	2.1029	.75511
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.24270	.22788	6.441	.61440	3.8450	24.385			
Stddev	.00281	.00111	.186	.00801	.0714	1.379			
%RSD	1.1590	.48647	2.882	1.3042	1.8573	5.6545			
#1	.24571	.22912	6.355	.61405	3.9243	23.834			
#2	.24223	.22699	6.314	.60657	3.8251	25.955			
#3	.24015	.22752	6.654	.62258	3.7857	23.368			

Sample Name: K1253-01MS Acquired: 1/30/2019 17:09:54 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC 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	3767.7	45924.	4146.5	12.151	4068.7
Stddev	79.4	78.	32.8	.517	94.8
%RSD	2.1082	.16925	.79115	4.2512	2.3301
#1	3817.4	45869.	4144.7	11.994	4127.2
#2	3809.6	45889.	4180.1	11.732	4119.6
#3	3676.1	46013.	4114.6	12.728	3959.4

Sample Name: K1253-01MSD Acquired: 1/30/2019 17:13:58 Type: Unk
Method: P4-ICP2(v2813) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83369	2.1358	1.0630	2.1310	.89576	2.7980	.35657	.23346	.21112
Stddev	.00350	.0048	.0029	.0095	.00345	.0332	.00096	.00151	.00038
%RSD	.41930	.22404	.27474	.44638	.38483	1.1864	.26889	.64707	.17982
#1	.83036	2.1359	1.0609	2.1232	.89310	2.7613	.35580	.23464	.21109
#2	.83337	2.1309	1.0618	2.1281	.89452	2.8065	.35765	.23176	.21076
#3	.83733	2.1405	1.0663	2.1416	.89965	2.8261	.35626	.23399	.21151
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.854	.44480	.21034	1.5664	4.0554	.39580	7.1659	.53057	.07530
Stddev	.296	.00017	.00040	.0049	.0248	.00107	.0580	.00127	.00012
%RSD	1.0611	.03920	.19156	.31509	.61046	.26923	.80881	.23924	.16423
#1	27.514	.44500	.21001	1.5641	4.0556	.39669	7.1161	.53075	.07539
#2	28.003	.44469	.21021	1.5630	4.0801	.39462	7.1522	.52923	.07535
#3	28.045	.44472	.21079	1.5720	4.0306	.39609	7.2295	.53175	.07516
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.746	.33147	.90676	13.442	.44129	.37035	3.3588	2.3202	.70922
Stddev	.465	.00158	.00234	.198	.00235	.01146	.0443	.0216	.00280
%RSD	.93456	.47711	.25815	1.4754	.53301	3.0938	1.3192	.92954	.39463
#1	49.395	.33299	.90778	13.492	.44041	.36608	3.4074	2.3371	.70814
#2	50.273	.33159	.90408	13.610	.43951	.36165	3.3483	2.3275	.70711
#3	49.569	.32983	.90842	13.223	.44396	.38334	3.3207	2.2959	.71239
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.25556	.22669	6.311	.60827	3.8548	24.037			
Stddev	.00320	.00281	.010	.00558	.0282	1.755			
%RSD	1.2530	1.2389	.1625	.91719	.73103	7.2998			
#1	.25199	.22345	6.302	.60349	3.8873	25.152			
#2	.25652	.22816	6.309	.61440	3.8384	22.015			
#3	.25817	.22845	6.322	.60692	3.8387	24.945			

Sample Name: K1253-01MSD Acquired: 1/30/2019 17:13:58 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC 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	3816.6	45649.	4173.6	11.270	4120.5
Stddev	7.8	55.	30.9	.623	6.4
%RSD	.20421	.12130	.74042	5.5283	.15472
#1	3818.7	45673.	4178.0	10.594	4115.1
#2	3823.2	45586.	4140.7	11.822	4127.6
#3	3808.0	45689.	4202.0	11.393	4118.9

Sample Name: K1253-01A Acquired: 1/30/2019 17:18:02 Type: Unk
Method: P4-ICP2(v2813) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83175	2.1307	1.0582	2.1254	.89241	2.8488	.35766	.23040	.21031
Stddev	.00105	.0024	.0030	.0024	.00213	.0614	.00685	.00040	.00078
%RSD	.12610	.11288	.28213	.11394	.23905	2.1566	1.9161	.17504	.37187

#1	.83061	2.1289	1.0550	2.1233	.89019	2.8101	.34983	.23056	.20956
#2	.83195	2.1298	1.0609	2.1280	.89444	2.8166	.36259	.22995	.21112
#3	.83268	2.1334	1.0586	2.1247	.89259	2.9196	.36054	.23071	.21024

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.585	.43928	.20963	1.5673	4.0969	.39217	7.0743	.52787	.07434
Stddev	.200	.00100	.00060	.0050	.0389	.00073	.0351	.00121	.00101
%RSD	.72443	.22788	.28745	.32049	.94969	.18584	.49610	.22877	1.3564

#1	27.355	.44008	.20937	1.5668	4.1018	.39273	7.0684	.52686	.07426
#2	27.715	.43816	.21032	1.5726	4.1331	.39134	7.1120	.52921	.07338
#3	27.686	.43960	.20920	1.5626	4.0558	.39242	7.0426	.52753	.07539

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.242	.32794	.90694	13.358	.44069	.36613	3.4122	2.6982	.71117
Stddev	.262	.00132	.00216	.141	.00121	.00622	.0420	.0246	.00264
%RSD	.53209	.40171	.23786	1.0542	.27559	1.6986	1.2301	.91141	.37092

#1	49.350	.32945	.90674	13.387	.43929	.35898	3.4048	2.6877	.70815
#2	49.433	.32733	.90919	13.482	.44138	.36913	3.4574	2.7263	.71300
#3	48.944	.32703	.90489	13.205	.44140	.37028	3.3744	2.6807	.71237

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28118	.22244	6.280	.60421	3.8887	24.370
Stddev	.00666	.00347	.016	.00223	.0181	.721
%RSD	2.3670	1.5617	.2484	.36927	.46523	2.9575

#1	.27422	.21967	6.262	.60498	3.9053	24.123
#2	.28183	.22634	6.292	.60595	3.8913	23.805
#3	.28748	.22131	6.285	.60169	3.8694	25.182

Sample Name: K1253-01A Acquired: 1/30/2019 17:18:02 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC 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	3788.3	45649.	4147.0	12.467	4093.9
Stddev	8.1	66.	35.2	.334	11.1
%RSD	.21289	.14402	.84833	2.6754	.26991
#1	3789.0	45692.	4142.7	12.396	4093.6
#2	3779.9	45683.	4114.1	12.175	4083.0
#3	3796.0	45574.	4184.1	12.831	4105.1

Sample Name: K1253-02 Acquired: 1/30/2019 17:22:05 Type: Unk
Method: P4-ICP2(v2813) 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	.00397	-.00045	.00846	.00139	-.00019	.46033	.00474
Stddev	.00086	.00089	.00070	.00053	.00145	.00843	.00296
%RSD	21.720	197.62	8.2642	38.150	762.36	1.8314	62.331

#1	.00392	-.00081	.00888	.00078	.00037	.46991	.00165
#2	.00314	.00056	.00886	.00175	-.00183	.45404	.00755
#3	.00486	-.00110	.00766	.00163	.00089	.45703	.00503

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00009	4.5656	.00835	.00070	.33070	.68796
Stddev	.00007	.00003	.0611	.00045	.00013	.00271	.00971
%RSD	127.07	35.182	1.3387	5.4201	19.034	.81949	1.4111

#1	.00013	.00011	4.6275	.00885	.00068	.33361	.68925
#2	.00004	.00005	4.5640	.00797	.00085	.32825	.69696
#3	-.00001	.00010	4.5053	.00823	.00058	.33024	.67767

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02016	1.2725	.00489	.00123	9.0002	.00170	.36328
Stddev	.00009	.0320	.00025	.00015	.0505	.00020	.00177
%RSD	.44641	2.5134	5.0117	12.391	.56096	11.878	.48684

#1	.02014	1.2875	.00462	.00123	9.0174	.00194	.36269
#2	.02026	1.2942	.00497	.00139	9.0397	.00157	.36188
#3	.02009	1.2358	.00509	.00109	8.9433	.00160	.36527

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69305	.00046	.04237	.82677	.58578	-.00001	.02283
Stddev	.02724	.00016	.00146	.01068	.01023	.00020	.00102
%RSD	3.9307	34.365	3.4344	1.2913	1.7460	3692.6	4.4565

#1	.72127	.00062	.04350	.81508	.58579	-.00023	.02199
#2	.66691	.00044	.04288	.82920	.59601	.00005	.02397
#3	.69095	.00031	.04073	.83602	.57555	.00016	.02254

Sample Name: K1253-02 Acquired: 1/30/2019 17:22:05 Type: Unk
Method: P4-ICP2(v2813) 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	-.00231	.0536	.03624	3.0400	F<.00000
Stddev	.00452	.0005	.00020	.2024	2.5419
%RSD	195.45	.9298	.55737	6.6561	56.789
#1	.00225	.0542	.03640	3.2660	-6.3174
#2	-.00239	.0535	.03601	2.8756	-5.5350
#3	-.00679	.0532	.03631	2.9785	-1.5759
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4010.1	48210.	4267.5	13.076	4552.4
Stddev	14.8	222.	34.0	.130	9.3
%RSD	.36839	.45975	.79637	.99354	.20356
#1	3994.6	47956.	4233.2	13.159	4545.3
#2	4024.0	48361.	4268.2	13.142	4562.8
#3	4011.9	48315.	4301.1	12.926	4548.9

Sample Name: K1253-03 Acquired: 1/30/2019 17:26:28 Type: Unk
Method: P4-ICP2(v2813) 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	.00129	-.00059	.00663	.00054	-.00082	.18016	-.01126
Stddev	.00169	.00092	.00063	.00207	.00072	.00054	.00345
%RSD	131.34	157.61	9.4837	386.24	87.615	.29827	30.640

#1	.00323	.00031	.00714	.00259	-.00015	.18064	-.00815
#2	.00052	-.00154	.00593	-.00156	-.00073	.18026	-.01065
#3	.00011	-.00053	.00683	.00058	-.00158	.17958	-.01497

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00003	1.8835	.00273	.00017	.15045	.29676
Stddev	.00003	.00004	.0234	.00040	.00006	.00055	.00668
%RSD	91.644	110.85	1.2428	14.587	32.198	.36358	2.2494

#1	.00000	.00007	1.9105	.00246	.00023	.15108	.30441
#2	.00004	.00004	1.8683	.00254	.00018	.15014	.29213
#3	.00007	-.00001	1.8719	.00319	.00011	.15013	.29373

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00935	1.0354	.00199	.00099	5.7784	.00078	.16223
Stddev	.00011	.0413	.00028	.00043	.0629	.00019	.00018
%RSD	1.2270	3.9907	14.291	43.593	1.0890	24.840	.10869

#1	.00947	1.0514	.00167	.00147	5.8510	.00056	.16237
#2	.00935	.98846	.00210	.00089	5.7404	.00092	.16230
#3	.00924	1.0663	.00221	.00062	5.7438	.00086	.16203

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41021	.00022	.01566	.51238	.24225	-.00110	.01336
Stddev	.02607	.00026	.00651	.01512	.00585	.00018	.00328
%RSD	6.3541	121.21	41.565	2.9501	2.4142	16.738	24.521

#1	.41467	.00007	.00933	.49609	.24899	-.00105	.01522
#2	.38221	.00006	.02234	.51511	.23850	-.00095	.00957
#3	.43377	.00052	.01531	.52595	.23926	-.00130	.01527

Sample Name: K1253-03 Acquired: 1/30/2019 17:26:28 Type: Unk
Method: P4-ICP2(v2813) 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	-.00620	.0302	.00805	3.0408	F<.00000
Stddev	.00315	.0012	.00006	.2946	4.1445
%RSD	50.879	3.912	.77509	9.6891	62.814
#1	-.00889	.0307	.00808	2.7381	-1.8467
#2	-.00698	.0288	.00810	3.0577	-9.4688
#3	-.00273	.0309	.00798	3.3267	-8.4789
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3971.0	47964.	4188.0	11.423	4537.0
Stddev	6.5	234.	28.2	.717	7.3
%RSD	.16286	.48809	.67334	6.2724	.16153
#1	3963.5	48163.	4157.3	10.730	4529.7
#2	3974.2	48023.	4193.9	12.161	4536.8
#3	3975.2	47706.	4212.8	11.380	4544.4

Sample Name: K1250-04MS Acquired: 1/30/2019 17:30:54 Type: Unk
Method: P4-ICP2(v2813) 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	.70242	2.1123	26.773	1.6481	.78561	37.308	1.6364	.22107
Stddev	.00917	.0087	.029	.0063	.00912	.756	.0216	.00677
%RSD	1.3057	.41009	.10664	.38116	1.1605	2.0253	1.3185	3.0607
#1	.69227	2.1051	26.803	1.6409	.77900	38.176	1.6293	.22888
#2	.71012	2.1099	26.747	1.6525	.79601	36.795	1.6193	.21685
#3	.70487	2.1219	26.770	1.6509	.78182	36.953	1.6607	.21749
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30549	123.55	F 8.5711	.27549	1.2538	653.66	6.4101	46.159
Stddev	.00067	1.77	.2902	.00139	.0038	8.12	.1387	.670
%RSD	.21848	1.4314	3.3861	.50346	.30317	1.2429	2.1637	1.4524
#1	.30591	122.90	8.9059	.27688	1.2504	653.49	6.5596	45.805
#2	.30585	122.20	8.3895	.27410	1.2579	645.61	6.2856	45.740
#3	.30472	125.55	8.4180	.27548	1.2532	661.86	6.3853	46.932
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77675	-.03650	128.04	.84920	11.420	22.616	.41494	-.45264
Stddev	.00133	.00500	1.85	.02893	.012	.336	.00123	.02062
%RSD	.17186	13.711	1.4450	3.4068	.10297	1.4837	.29715	4.5551
#1	.77748	-.04214	127.57	.88261	11.432	22.534	.41357	-.42979
#2	.77521	-.03475	126.47	.83279	11.409	22.330	.41527	-.45829
#3	.77755	-.03260	130.08	.83221	11.419	22.985	.41597	-.46985
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 115.65	F 34.316	.79669	1.1342	.25606	9.841	-.12582	2.4775
Stddev	.22	.437	.00218	.0138	.00409	.025	.00273	.2031
%RSD	.19181	1.2722	.27381	1.2121	1.5958	.2581	2.1722	8.1987
#1	115.75	34.545	.79422	1.1187	.25328	9.861	-.12817	2.7069
#2	115.39	33.813	.79752	1.1393	.25415	9.813	-.12282	2.4052
#3	115.80	34.591	.79834	1.1447	.26075	9.849	-.12647	2.3204

Sample Name: K1250-04MS Acquired: 1/30/2019 17:30:54 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 6191.9
Stddev	11.6
%RSD	.18720

#1	6181.1
#2	6190.3
#3	6204.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3293.5	38952.	3853.0	15.848	2826.2
Stddev	13.8	1168.	52.6	1.857	6.2
%RSD	.41942	2.9978	1.3640	11.718	.22052

#1	3298.4	37604.	3825.5	15.569	2821.3
#2	3277.9	39644.	3913.6	14.147	2824.0
#3	3304.1	39608.	3819.9	17.829	2833.2

Sample Name: CCV05 Acquired: 1/30/2019 17:49:23 Type: Unk
Method: P4-ICP2(v2813) 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	4.9700	5.1150	5.0956	5.0632	5.2302	10.345	9.5384	.26671
Stddev	.0103	.0036	.0109	.0263	.0185	.082	.0321	.00035
%RSD	.20777	.07102	.21346	.51871	.35363	.79144	.33694	.12956
#1	4.9819	5.1169	5.1078	5.0930	5.2515	10.251	9.5624	.26667
#2	4.9650	5.1108	5.0869	5.0435	5.2184	10.400	9.5509	.26639
#3	4.9631	5.1173	5.0921	5.0532	5.2207	10.385	9.5019	.26708
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5749	27.317	1.0184	2.4891	1.2982	5.1329	2.7092	24.928
Stddev	.0058	.174	.0027	.0059	.0011	.0138	.0031	.081
%RSD	.22664	.63817	.26496	.23796	.08190	.26923	.11393	.32595
#1	2.5815	27.133	1.0154	2.4959	1.2994	5.1487	2.7056	24.873
#2	2.5730	27.338	1.0195	2.4856	1.2978	5.1235	2.7109	25.021
#3	2.5703	27.480	1.0204	2.4858	1.2974	5.1264	2.7110	24.889
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5184	1.1912	24.530	2.5027	2.5683	24.048	5.0341	5.1681
Stddev	.0032	.0004	.145	.0031	.0044	.134	.0144	.0165
%RSD	.12590	.03034	.59258	.12346	.17097	.55658	.28549	.31959
#1	2.5219	1.1916	24.603	2.5058	2.5733	24.118	5.0478	5.1494
#2	2.5158	1.1909	24.625	2.4996	2.5653	24.132	5.0191	5.1806
#3	2.5174	1.1912	24.363	2.5028	2.5664	23.894	5.0355	5.1743
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0581	4.9622	4.8953	4.9746	5.0895	5.089	F 5.5153	F 4.4057
Stddev	.0283	.0155	.0065	.0266	.0286	.004	.0178	.0541
%RSD	.55878	.31307	.13254	.53445	.56238	.0795	.32296	1.2280
#1	5.0405	4.9801	4.9027	4.9778	5.1026	5.094	5.5251	4.4384
#2	5.0432	4.9546	4.8908	4.9995	5.1092	5.088	5.5262	4.4355
#3	5.0907	4.9520	4.8923	4.9466	5.0567	5.086	5.4948	4.3433

Sample Name: CCV05 Acquired: 1/30/2019 17:49:23 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .17961
Stddev 4.1124
%RSD 2289.7

#1 -3.6058
#2 -.41067
#3 4.5553

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3681.4	43829.	3938.0	10.258	3794.3
Stddev	18.9	19.	11.6	1.198	19.5
%RSD	.51436	.04433	.29366	11.680	.51470

#1	3659.6	43809.	3925.5	11.640	3772.4
#2	3690.4	43830.	3939.9	9.5261	3800.6
#3	3694.1	43848.	3948.4	9.6065	3809.9

Sample Name: CCB05 Acquired: 1/30/2019 17:53:23 Type: Unk
Method: P4-ICP2(v2813) 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	.00013	.00119	-.00118	.00085	-.00064	-.00853	-.01270
Stddev	.00121	.00048	.00085	.00119	.00092	.00973	.01075
%RSD	941.18	40.478	71.580	140.91	143.95	114.07	84.674

#1	-.00066	.00156	-.00073	-.00053	.00026	.00079	-.02022
#2	-.00048	.00137	-.00216	.00162	-.00157	-.01861	-.01749
#3	.00152	.00065	-.00066	.00145	-.00059	-.00776	-.00038

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00029	.00753	.00017	.00011	-.00042	.00056
Stddev	.00003	.00004	.02095	.00036	.00022	.00014	.00160
%RSD	227.43	14.493	278.35	219.08	195.75	33.487	284.88

#1	-.00005	.00032	.01468	.00009	.00014	-.00048	-.00108
#2	.00002	.00024	-.01606	-.00015	.00031	-.00053	.00211
#3	-.00001	.00030	.02397	.00056	-.00012	-.00026	.00066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00877	.00087	.00100	-.20733	.00011	.00030
Stddev	.00002	.03110	.00019	.00014	.00791	.00025	.00007
%RSD	13.451	354.44	21.924	13.785	3.8169	219.12	24.330

#1	.00018	-.00795	.00107	.00085	-.20829	-.00017	.00037
#2	.00016	-.04027	.00069	.00105	-.21471	.00029	.00029
#3	.00021	.02191	.00085	.00111	-.19897	.00022	.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05403	.00068	.01102	F -.01200	.00484	.00023	.00499
Stddev	.05244	.00015	.01112	.02303	.00191	.00040	.00161
%RSD	97.058	22.027	100.87	191.95	39.410	175.47	32.356

#1	.11098	.00085	.02329	-.02167	.00566	.00066	.00332
#2	.04338	.00059	.00161	-.02861	.00266	-.00013	.00511
#3	.00773	.00060	.00818	.01429	.00620	.00015	.00654

Sample Name: CCB05 Acquired: 1/30/2019 17:53:23 Type: Unk
 Method: P4-ICP2(v2813) 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	.00249	.0001	.00013	F 3.2676	F<.00000
Stddev	.00136	.0012	.00008	.0628	2.4384
%RSD	54.701	900.8	61.357	1.9216	56.825
#1	.00108	-.0009	.00020	3.3398	-5.3968
#2	.00380	-.0001	.00004	3.2262	-5.9805
#3	.00259	.0014	.00014	3.2367	-1.4956
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3926.2	46943.	3943.3	10.490	4465.2
Stddev	15.7	10.	204.0	1.082	25.4
%RSD	.39960	.02230	5.1730	10.316	.56936
#1	3908.3	46936.	4040.0	9.3114	4436.1
#2	3932.9	46955.	4080.9	11.439	4476.0
#3	3937.5	46937.	3708.9	10.720	4483.4

Sample Name: K1253-04 Acquired: 1/30/2019 17:57:52 Type: Unk
Method: P4-ICP2(v2813) 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	.00394	.00029	.00622	.00137	.00024	1.0211	-.00074	.00011
Stddev	.00041	.00131	.00047	.00071	.00109	.0166	.00185	.00003
%RSD	10.345	444.62	7.5485	51.555	454.81	1.6234	250.55	32.178

#1	.00348	.00120	.00676	.00083	.00070	1.0092	.00140	.00010
#2	.00406	.00089	.00592	.00217	-.00100	1.0139	-.00187	.00007
#3	.00427	-.00121	.00597	.00111	.00102	1.0400	-.00175	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	4.4948	.00586	.00167	.19557	2.1676	.04785	2.0152
Stddev	.00002	.0330	.00019	.00019	.00049	.0277	.00012	.0262
%RSD	9.9200	.73477	3.1907	11.561	.24825	1.2796	.24486	1.3021

#1	.00022	4.5152	.00597	.00185	.19503	2.1844	.04798	2.0003
#2	.00021	4.5124	.00596	.00168	.19598	2.1828	.04776	1.9999
#3	.00025	4.4567	.00564	.00147	.19569	2.1356	.04780	2.0455

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00341	.00071	7.9706	.00437	.15872	1.2485	.00133	.02806
Stddev	.00009	.00013	.0860	.00031	.00044	.0165	.00013	.00874
%RSD	2.7591	18.354	1.0784	7.1926	.27536	1.3253	9.8994	31.142

#1	.00330	.00079	7.9870	.00438	.15827	1.2611	.00118	.03811
#2	.00347	.00056	8.0473	.00406	.15876	1.2547	.00137	.02377
#3	.00345	.00077	7.8777	.00469	.15914	1.2298	.00143	.02229

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98609	1.5311	.00044	.04636	-.00422	.1136	.02182	2.9344
Stddev	.03480	.0292	.00038	.00255	.00066	.0012	.00011	.0672
%RSD	3.5294	1.9050	85.887	5.4950	15.634	1.024	.49349	2.2905

#1	1.0250	1.5243	.00001	.04806	-.00346	.1150	.02173	2.8609
#2	.95792	1.5631	.00061	.04759	-.00450	.1128	.02194	2.9498
#3	.97537	1.5059	.00070	.04343	-.00469	.1131	.02178	2.9926

Sample Name: K1253-04 Acquired: 1/30/2019 17:57:52 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.80351
Stddev	2.4369
%RSD	303.29

#1	-1.2455
#2	.15776
#3	3.4983

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4030.7	48457.	4241.3	11.636	4547.0
Stddev	15.8	166.	35.9	1.380	21.4
%RSD	.39134	.34257	.84673	11.859	.46974

#1	4048.9	48632.	4230.5	11.173	4570.8
#2	4021.8	48436.	4212.1	13.188	4540.9
#3	4021.3	48302.	4281.4	10.548	4529.4

Sample Name: K1260-01 Acquired: 1/30/2019 18:02:16 Type: Unk
Method: P4-ICP2(v2813) 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	.11195	-.01724	68.888	-.12269	.02238	459.54	5.6867	.04561
Stddev	.00074	.00640	.215	.00366	.00164	3.05	.0151	.00021
%RSD	.65802	37.146	.31163	2.9847	7.3461	.66350	.26623	.45262

#1	.11144	-.01014	68.670	-.12436	.02083	458.23	5.7041	.04561
#2	.11161	-.02257	68.896	-.12523	.02410	457.37	5.6796	.04541
#3	.11279	-.01900	69.099	-.11849	.02220	463.03	5.6765	.04582

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45077	F 2230.4	.50486	1.2924	6.1684	179.20	18.406	195.25
Stddev	.00194	5.6	.00166	.0078	.0049	1.85	.098	.18
%RSD	.42941	.24993	.32865	.60204	.07991	1.0309	.53080	.09017

#1	.44862	2229.1	.50528	1.2840	6.1642	181.22	18.412	195.36
#2	.45130	2225.7	.50627	1.2993	6.1738	177.60	18.500	195.34
#3	.45238	2236.6	.50303	1.2940	6.1671	178.78	18.305	195.04

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5531	-.03017	48.000	1.7233	F 38.737	83.835	-.00720	.10430
Stddev	.0112	.00048	.063	.0026	.214	.130	.00054	.00206
%RSD	.31604	1.5764	.13162	.15099	.55324	.15475	7.5049	1.9727

#1	3.5403	-.02962	47.975	1.7205	38.868	83.983	-.00663	.10510
#2	3.5577	-.03049	48.072	1.7237	38.490	83.782	-.00725	.10584
#3	3.5613	-.03039	47.953	1.7257	38.854	83.740	-.00771	.10196

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 199.96	F 256.45	.03549	.35538	.69907	F 59.46	8.4247	^ *****
Stddev	.80	.83	.00288	.00329	.00454	.28	.0938	-----
%RSD	.39998	.32543	8.1059	.92493	.64993	.4688	1.1130	-----

#1	199.76	256.95	.03249	.35905	.70384	59.18	8.5323	^ -----
#2	199.28	255.49	.03576	.35436	.69480	59.46	8.3814	^ -----
#3	200.84	256.92	.03822	.35272	.69856	59.74	8.3605	^ -----

Sample Name: K1260-01 Acquired: 1/30/2019 18:02:16 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4390.7
Stddev 10.0
%RSD .22686

#1 4399.9
#2 4392.0
#3 4380.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7072.0	88733.	9589.9	10.442	1994.3
Stddev	3.4	8.	44.7	1.034	5.5
%RSD	.04815	.00868	.46565	9.9058	.27685

#1	7068.9	88735.	9539.5	11.577	1999.1
#2	7071.6	88724.	9624.6	10.194	1995.6
#3	7075.6	88739.	9605.6	9.5536	1988.3

Sample Name: K1250-04MSD Acquired: 1/30/2019 18:07:28 Type: Unk
Method: P4-ICP2(v2813) 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	.69933	2.0900	26.294	1.6446	.76861	35.350	1.6251	.21248
Stddev	.01932	.0847	1.068	.0269	.02227	.226	.0057	.00028
%RSD	2.7626	4.0508	4.0630	1.6356	2.8969	.63946	.35141	.13006
#1	.70056	2.0818	26.134	1.6413	.76326	35.307	1.6281	.21269
#2	.71801	2.1785	27.433	1.6729	.79307	35.595	1.6185	.21217
#3	.67943	2.0097	25.314	1.6194	.74951	35.149	1.6287	.21259
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29260	123.69	F 8.2180	.27299	1.2404	669.71	6.1769	46.870
Stddev	.01575	.56	.0400	.01190	.0375	3.11	.0636	.458
%RSD	5.3830	.44994	.48711	4.3580	3.0252	.46452	1.0298	.97695
#1	.28816	123.49	8.2565	.27101	1.2393	672.27	6.2173	47.076
#2	.31009	123.26	8.2208	.28575	1.2785	666.25	6.2099	46.345
#3	.27954	124.32	8.1766	.26220	1.2035	670.62	6.1036	47.188
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76970	-.03305	127.98	.82265	11.209	22.503	.41076	-.39325
Stddev	.03138	.00020	.47	.00516	.392	.079	.01022	.00426
%RSD	4.0774	.60804	.36514	.62782	3.4991	.35244	2.4874	1.0845
#1	.76483	-.03290	128.23	.82762	11.136	22.459	.40971	-.39523
#2	.80324	-.03328	127.44	.82303	11.633	22.456	.42146	-.38836
#3	.74104	-.03296	128.27	.81731	10.859	22.595	.40111	-.39617
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 113.91	F 34.760	.79759	1.1344	.25547	9.728	-.14845	2.2850
Stddev	4.63	.282	.03491	.0068	.00225	.412	.00441	.0447
%RSD	4.0679	.80987	4.3769	.60255	.87944	4.233	2.9701	1.9565
#1	112.93	35.004	.79597	1.1394	.25297	9.639	-.15341	2.3119
#2	118.96	34.452	.83327	1.1266	.25612	10.18	-.14497	2.3097
#3	109.85	34.824	.76351	1.1372	.25731	9.368	-.14696	2.2334

Sample Name: K1250-04MSD Acquired: 1/30/2019 18:07:28 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 6054.3
 Stddev 11.1
 %RSD .18391

#1 6060.7
 #2 6060.7
 #3 6041.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3354.6	40619.	3817.4	15.618	2872.5
Stddev	89.9	342.	28.8	.475	111.5
%RSD	2.6792	.84097	.75549	3.0435	3.8807

#1	3305.8	40375.	3791.3	15.538	2844.6
#2	3299.6	40472.	3848.4	16.129	2777.6
#3	3458.3	41009.	3812.4	15.189	2995.2

Sample Name: K1250-04A Acquired: 1/30/2019 18:11:47 Type: Unk
Method: P4-ICP2(v2813) 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	.66452	1.9924	26.225	1.5500	.70256	35.320	1.5975	.20985
Stddev	.01025	.0539	.703	.0206	.00889	1.166	.0319	.01151
%RSD	1.5420	2.7036	2.6821	1.3296	1.2652	3.3024	2.0001	5.4872
#1	.67633	2.0516	26.993	1.5653	.70649	36.601	1.5697	.22259
#2	.65909	1.9462	25.612	1.5266	.69238	34.320	1.6324	.20019
#3	.65812	1.9795	26.069	1.5582	.70881	35.039	1.5905	.20676
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28353	122.33	F 8.4166	.26375	1.2287	675.73	6.2032	46.445
Stddev	.00988	2.42	.4221	.00746	.0277	9.55	.1303	.800
%RSD	3.4839	1.9819	5.0146	2.8293	2.2533	1.4139	2.1005	1.7220
#1	.29412	119.85	8.8817	.27149	1.2564	667.05	6.3536	45.625
#2	.27456	124.70	8.0579	.25660	1.2010	685.97	6.1281	47.223
#3	.28192	122.45	8.3101	.26316	1.2286	674.17	6.1277	46.486
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74224	-.03679	126.76	.82933	11.186	22.082	.38011	-.39068
Stddev	.02039	.00855	1.96	.04273	.236	.340	.00745	.02635
%RSD	2.7476	23.250	1.5486	5.1518	2.1105	1.5402	1.9594	6.7436
#1	.76475	-.04588	124.91	.87586	11.442	21.752	.38775	-.36197
#2	.72499	-.02890	128.82	.79186	10.977	22.431	.37287	-.39633
#3	.73697	-.03560	126.55	.82028	11.139	22.064	.37970	-.41375
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 112.92	F 35.069	.74361	1.1223	.24806	9.361	-.16845	2.0401
Stddev	2.49	.021	.02063	.0219	.00824	.227	.00150	.3552
%RSD	2.2064	.05954	2.7739	1.9506	3.3201	2.427	.89293	17.412
#1	115.56	35.093	.76680	1.0970	.23857	9.608	-.16879	2.4176
#2	110.62	35.055	.72732	1.1358	.25232	9.162	-.16976	1.7125
#3	112.59	35.058	.73670	1.1340	.25329	9.312	-.16681	1.9903

Sample Name: K1250-04A Acquired: 1/30/2019 18:11:47 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 6131.5
Stddev 81.3
%RSD 1.3257

#1 6173.4
#2 6037.8
#3 6183.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3421.4	40790.	3853.4	15.135	2926.5
Stddev	91.5	1615.	49.1	2.467	103.5
%RSD	2.6736	3.9580	1.2730	16.303	3.5375

#1	3317.7	38970.	3884.1	13.425	2808.3
#2	3490.5	42050.	3796.8	17.963	3001.0
#3	3456.0	41350.	3879.2	14.016	2970.2

Sample Name: K1250-04DLX10 Acquired: 1/30/2019 18:16:07 Type: Unk
Method: P4-ICP2(v2813) 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	-.00519	.00475	2.4939	-.00906	-.00149	3.4003	.13336	.00073
Stddev	.00133	.00141	.0078	.00185	.00048	.0547	.00114	.00010
%RSD	25.590	29.620	.31097	20.421	32.139	1.6075	.85213	13.003
#1	-.00662	.00345	2.4867	-.00694	-.00161	3.3395	.13452	.00063
#2	-.00496	.00454	2.5021	-.00991	-.00190	3.4161	.13225	.00075
#3	-.00400	.00624	2.4930	-.01033	-.00096	3.4454	.13333	.00082
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00314	13.739	.88957	.00499	.09747	143.90	.69297	5.2314
Stddev	.00024	.104	.00280	.00012	.00016	1.75	.00109	.0298
%RSD	7.6163	.75615	.31491	2.4390	.15989	1.2161	.15710	.56952
#1	-.00329	13.681	.88987	.00491	.09761	145.36	.69422	5.2637
#2	-.00326	13.859	.89221	.00493	.09730	144.37	.69232	5.2255
#3	-.00286	13.677	.88663	.00513	.09750	141.96	.69235	5.2049
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01733	-.00113	13.141	.05950	1.2601	1.5346	.00291	.04598
Stddev	.00051	.00092	.094	.00035	.0015	.0257	.00006	.00182
%RSD	2.9551	81.924	.71298	.58069	.11805	1.6720	1.9586	3.9498
#1	.01760	-.00038	13.185	.05912	1.2597	1.5080	.00285	.04389
#2	.01764	-.00084	13.204	.05979	1.2618	1.5367	.00292	.04719
#3	.01673	-.00216	13.033	.05959	1.2589	1.5592	.00296	.04686
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.276	3.9804	.00725	.10571	.01167	.2735	-.11650	3.1879
Stddev	.041	.0281	.00074	.00244	.00130	.0019	.00180	.0137
%RSD	.40059	.70535	10.161	2.3086	11.094	.6965	1.5454	.42987
#1	10.323	3.9894	.00792	.10292	.01151	.2744	-.11795	3.1766
#2	10.250	4.0029	.00646	.10671	.01047	.2747	-.11707	3.1839
#3	10.254	3.9489	.00738	.10748	.01304	.2713	-.11449	3.2032

Sample Name: K1250-04DLX10 Acquired: 1/30/2019 18:16:07 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 632.81
Stddev 9.56
%RSD 1.5103

#1 623.13
#2 633.05
#3 642.24

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3833.6	46099.	4096.3	11.414	4071.2
Stddev	8.9	90.	57.0	1.082	8.0
%RSD	.23098	.19565	1.3924	9.4775	.19540

#1	3825.6	46001.	4051.1	10.364	4068.9
#2	3832.3	46117.	4077.4	11.352	4064.6
#3	3843.1	46179.	4160.4	12.525	4080.0

Sample Name: K1250-04LDLX50 Acquired: 1/30/2019 18:24:47 Type: Unk
Method: P4-ICP2(v2813) 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	-.00011	.00052	.51913	-.00353	-.00100	.67648	.01357	.00018
Stddev	.00023	.00050	.00051	.00193	.00102	.01096	.00548	.00009
%RSD	214.66	95.463	.09865	54.784	102.12	1.6199	40.393	51.577
#1	-.00024	.00107	.51893	-.00134	.00017	.66780	.01894	.00020
#2	-.00024	.00009	.51875	-.00502	-.00143	.68879	.00798	.00008
#3	.00016	.00041	.51971	-.00423	-.00174	.67285	.01379	.00026
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00124	2.8900	.18702	.00113	.01849	32.793	.14892	1.1636
Stddev	.00011	.0084	.00205	.00004	.00020	.474	.00100	.0597
%RSD	8.8432	.29168	1.0935	3.9554	1.0852	1.4459	.66995	5.1330
#1	-.00130	2.8930	.18858	.00117	.01861	32.719	.14975	1.1099
#2	-.00112	2.8805	.18470	.00108	.01826	32.361	.14781	1.1529
#3	-.00131	2.8965	.18778	.00113	.01861	33.300	.14920	1.2279
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00346	.00056	2.6405	.01239	.26100	.36268	.00055	.01694
Stddev	.00020	.00035	.0219	.00048	.00014	.01807	.00006	.00567
%RSD	5.6710	61.606	.82984	3.8531	.05255	4.9817	11.004	33.492
#1	.00330	.00029	2.6154	.01185	.26085	.37863	.00048	.01040
#2	.00368	.00044	2.6498	.01274	.26100	.36635	.00060	.02057
#3	.00341	.00095	2.6562	.01258	.26113	.34306	.00055	.01984
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0465	.86374	.00156	.02443	.00456	.0536	-.02745	3.0070
Stddev	.0215	.01530	.00045	.00369	.00068	.0007	.00044	.1439
%RSD	1.0520	1.7716	28.745	15.103	14.800	1.247	1.5942	4.7863
#1	2.0684	.86507	.00109	.02560	.00433	.0529	-.02735	2.9599
#2	2.0456	.84781	.00160	.02030	.00403	.0537	-.02708	3.1686
#3	2.0254	.87833	.00199	.02740	.00532	.0542	-.02793	2.8926

Sample Name: K1250-04LDLX50 Acquired: 1/30/2019 18:24:47 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 123.95
Stddev	1.97
%RSD	1.5920

#1	125.76
#2	121.85
#3	124.25

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3914.4	46947.	4005.7	11.623	4329.3
Stddev	15.5	151.	56.6	.468	13.9
%RSD	.39511	.32250	1.4122	4.0257	.32043

#1	3898.0	46812.	3998.6	11.432	4314.8
#2	3916.6	46919.	4065.5	12.157	4342.4
#3	3928.7	47111.	3953.0	11.282	4330.8

Sample Name: K1250-04MSDLX10 Acquired: 1/30/2019 18:29:09 Type: Unk
Method: P4-ICP2(v2813) 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	.06319	.18805	2.3293	.17347	.06698	3.2277	.14019	.01977
Stddev	.00242	.00212	.0078	.00118	.00111	.0229	.00106	.00020
%RSD	3.8358	1.1249	.33397	.67888	1.6559	.70871	.75316	1.0101
#1	.06170	.19020	2.3314	.17476	.06702	3.2013	.14100	.01962
#2	.06599	.18796	2.3359	.17319	.06586	3.2416	.13900	.01970
#3	.06188	.18597	2.3207	.17246	.06808	3.2401	.14058	.02000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01436	12.540	.84208	.02267	.11488	133.99	.64431	4.9430
Stddev	.00025	.104	.00745	.00026	.00071	.82	.00164	.0296
%RSD	1.7415	.83216	.88488	1.1570	.61703	.61372	.25383	.59806
#1	.01411	12.420	.83678	.02280	.11479	134.43	.64243	4.9111
#2	.01436	12.585	.83887	.02285	.11564	134.48	.64533	4.9695
#3	.01461	12.614	.85060	.02237	.11423	133.04	.64518	4.9483
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06111	.00587	12.076	.08103	1.1515	2.2437	.03827	.06540
Stddev	.00031	.00021	.043	.00080	.0011	.0234	.00018	.00806
%RSD	.51068	3.5468	.35994	.98439	.09420	1.0414	.47983	12.324
#1	.06101	.00582	12.077	.08030	1.1527	2.2169	.03832	.07419
#2	.06146	.00609	12.119	.08090	1.1512	2.2551	.03842	.06367
#3	.06086	.00569	12.032	.08188	1.1506	2.2593	.03806	.05835
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1345	3.7512	.06536	.11604	.02592	.7599	-.09004	3.2256
Stddev	.0582	.0069	.00046	.00243	.00165	.0058	.00113	.0947
%RSD	.63689	.18393	.70889	2.0921	6.3818	.7620	1.2550	2.9360
#1	9.1283	3.7551	.06586	.11324	.02402	.7586	-.09091	3.3201
#2	9.1955	3.7432	.06495	.11736	.02698	.7663	-.09045	3.2259
#3	9.0797	3.7552	.06527	.11752	.02677	.7549	-.08877	3.1307

Sample Name: K1250-04MSDLX10 Acquired: 1/30/2019 18:29:09 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 567.46
Stddev .79
%RSD .13994

#1 567.33
#2 566.74
#3 568.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3849.6	46127.	4027.9	12.070	4104.0
Stddev	8.0	48.	27.6	.621	16.3
%RSD	.20895	.10448	.68433	5.1469	.39782

#1	3844.4	46166.	4011.0	11.373	4090.0
#2	3845.6	46073.	4013.0	12.275	4100.2
#3	3858.9	46143.	4059.7	12.564	4121.9

Sample Name: K1250-04MSDDLX10 Acquired: 1/30/2019 18:33:27 Type: Unk
Method: P4-ICP2(v2813) 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	.06538	.19241	2.3827	.17706	.07015	3.2941	.14432	.02037
Stddev	.00157	.00195	.0010	.00059	.00066	.0108	.00447	.00029
%RSD	2.4011	1.0115	.04407	.33040	.93782	.32768	3.0955	1.4103
#1	.06716	.19024	2.3835	.17676	.06985	3.3007	.14710	.02047
#2	.06421	.19298	2.3831	.17773	.07090	3.2999	.14670	.02059
#3	.06476	.19401	2.3816	.17668	.06969	3.2817	.13917	.02004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01516	12.777	.86752	.02286	.11805	136.67	.65717	5.0835
Stddev	.00016	.089	.00755	.00030	.00067	.57	.00261	.0305
%RSD	1.0715	.69574	.87000	1.3135	.56789	.41816	.39681	.59936
#1	.01534	12.735	.87235	.02253	.11869	136.04	.65627	5.0541
#2	.01504	12.717	.87138	.02310	.11812	136.81	.66010	5.1150
#3	.01509	12.879	.85882	.02296	.11735	137.15	.65512	5.0814
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06244	.00563	12.357	.08341	1.1779	2.2788	.03931	.07105
Stddev	.00089	.00059	.110	.00079	.0005	.0087	.00011	.00620
%RSD	1.4311	10.522	.88965	.95080	.04566	.38203	.27886	8.7330
#1	.06183	.00500	12.231	.08366	1.1774	2.2853	.03931	.07430
#2	.06346	.00618	12.404	.08405	1.1779	2.2689	.03942	.07496
#3	.06202	.00570	12.435	.08252	1.1785	2.2821	.03920	.06390
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4494	3.8870	.06705	.11751	.02433	.7799	-.09203	3.1598
Stddev	.0218	.0271	.00087	.00183	.00136	.0013	.00049	.0626
%RSD	.23113	.69644	1.2992	1.5615	5.5988	.1703	.53239	1.9814
#1	9.4266	3.8667	.06800	.11925	.02538	.7801	-.09150	3.1046
#2	9.4514	3.9177	.06685	.11769	.02279	.7785	-.09247	3.1470
#3	9.4701	3.8766	.06629	.11559	.02481	.7811	-.09212	3.2279

Sample Name: K1250-04MSDDLX10 Acquired: 1/30/2019 18:33:27 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 596.00
Stddev 3.19
%RSD .53560

#1 595.61
#2 599.36
#3 593.02

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3857.9	46300.	4045.1	12.014	4112.0
Stddev	11.5	152.	14.2	.607	6.8
%RSD	.29809	.32741	.35007	5.0488	.16467

#1	3846.1	46294.	4061.4	12.120	4104.5
#2	3858.4	46151.	4035.6	11.361	4113.9
#3	3869.1	46454.	4038.4	12.561	4117.6

Sample Name: K1250-04ADLX10 Acquired: 1/30/2019 18:37:43 Type: Unk
Method: P4-ICP2(v2813) 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	.06815	.19598	2.4480	.18370	.07269	3.4071	.15115	.02062
Stddev	.00157	.00133	.0055	.00299	.00119	.0592	.00443	.00016
%RSD	2.2970	.67760	.22525	1.6276	1.6322	1.7370	2.9321	.77041
#1	.06832	.19451	2.4530	.18373	.07197	3.3469	.15251	.02051
#2	.06962	.19710	2.4421	.18069	.07204	3.4092	.15474	.02080
#3	.06651	.19631	2.4488	.18667	.07406	3.4652	.14620	.02055
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01503	13.225	.88591	.02370	.12127	141.65	.67941	5.1855
Stddev	.00029	.118	.00220	.00015	.00109	3.13	.00135	.0374
%RSD	1.9519	.88883	.24853	.64084	.89914	2.2131	.19839	.72106
#1	.01473	13.349	.88608	.02387	.12141	144.29	.67978	5.2061
#2	.01506	13.211	.88803	.02363	.12011	142.47	.68054	5.2081
#3	.01532	13.115	.88363	.02359	.12228	138.18	.67792	5.1424
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06349	.00601	12.820	.08597	1.2102	2.3666	.04017	.07356
Stddev	.00051	.00097	.165	.00050	.0004	.0382	.00030	.01191
%RSD	.81055	16.139	1.2901	.57693	.03542	1.6129	.73877	16.189
#1	.06409	.00712	12.927	.08617	1.2107	2.3364	.04000	.08726
#2	.06318	.00562	12.903	.08634	1.2098	2.3538	.04051	.06564
#3	.06321	.00530	12.629	.08541	1.2102	2.4095	.04000	.06779
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6340	3.9573	.06825	.12081	.02655	.7980	-.09541	3.2218
Stddev	.0624	.0704	.00108	.00370	.00247	.0056	.00316	.0600
%RSD	.64775	1.7791	1.5754	3.0621	9.3131	.7007	3.3106	1.8615
#1	9.6757	3.9955	.06905	.12220	.02921	.8035	-.09804	3.2729
#2	9.6641	4.0004	.06703	.12362	.02432	.7923	-.09629	3.2367
#3	9.5623	3.8761	.06867	.11662	.02612	.7983	-.09191	3.1557

Sample Name: K1250-04ADLX10 Acquired: 1/30/2019 18:37:43 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 602.73
Stddev 2.57
%RSD .42580

#1 602.63
#2 605.35
#3 600.22

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3873.4	46446.	4038.7	11.485	4128.7
Stddev	7.1	225.	102.9	1.028	7.7
%RSD	.18382	.48428	2.5481	8.9472	.18703

#1	3869.2	46265.	3953.5	10.460	4121.7
#2	3869.4	46376.	4009.6	11.482	4127.4
#3	3881.6	46698.	4153.1	12.515	4136.9

Sample Name: K1250-04DUPDLX10 Acquired: 1/30/2019 18:42:01 Type: Unk
Method: P4-ICP2(v2813) 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	.02311	.08455	2.4030	.05132	.02928	3.4340	.15338	.00927
Stddev	.00020	.00061	.0131	.00238	.00165	.0424	.00763	.00014
%RSD	.85994	.72431	.54637	4.6338	5.6271	1.2342	4.9737	1.5104
#1	.02310	.08525	2.4029	.05068	.02817	3.4052	.15989	.00943
#2	.02331	.08409	2.3899	.04933	.02849	3.4142	.15527	.00919
#3	.02291	.08432	2.4161	.05395	.03117	3.4826	.14499	.00919
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00456	13.101	.85725	.01276	.10558	139.45	.66146	5.1494
Stddev	.00042	.144	.00382	.00036	.00197	3.85	.00199	.1329
%RSD	9.2799	1.0961	.44519	2.8105	1.8675	2.7612	.30101	2.5804
#1	.00419	13.263	.85886	.01315	.10350	143.49	.66372	5.2326
#2	.00447	13.053	.85289	.01244	.10583	139.03	.65998	5.2194
#3	.00502	12.988	.86000	.01271	.10742	135.83	.66067	4.9961
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03674	.00180	12.558	.06879	1.1946	1.8113	.01903	.06158
Stddev	.00046	.00056	.267	.00033	.0035	.0168	.00015	.00254
%RSD	1.2489	31.090	2.1232	.48484	.28941	.92498	.76826	4.1214
#1	.03655	.00245	12.832	.06905	1.1936	1.8268	.01894	.05908
#2	.03641	.00148	12.544	.06842	1.1917	1.8135	.01920	.06150
#3	.03726	.00147	12.299	.06892	1.1984	1.7935	.01895	.06416
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6159	4.1013	.03555	.10875	.01691	.4912	-.10528	3.1797
Stddev	.0511	.0869	.00073	.00543	.00094	.0020	.00380	.1207
%RSD	.53141	2.1198	2.0584	4.9940	5.5293	.4022	3.6074	3.7955
#1	9.6472	4.2002	.03542	.11490	.01648	.4901	-.10919	3.3140
#2	9.5569	4.0669	.03490	.10461	.01799	.4900	-.10505	3.1450
#3	9.6435	4.0368	.03634	.10674	.01628	.4935	-.10161	3.0802

Sample Name: K1250-04DUPDLX10 Acquired: 1/30/2019 18:42:01 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 589.39
Stddev 4.18
%RSD .70993

#1 585.43
#2 588.98
#3 593.77

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3868.3	46402.	4035.5	12.674	4115.5
Stddev	4.2	259.	116.5	.740	10.9
%RSD	.10869	.55911	2.8859	5.8377	.26441

#1	3864.5	46103.	3915.6	12.945	4116.2
#2	3872.8	46535.	4042.6	11.837	4126.1
#3	3867.5	46568.	4148.2	13.241	4104.3

Sample Name: CCV06 Acquired: 1/30/2019 18:55:36 Type: Unk
Method: P4-ICP2(v2813) 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	4.9171	5.0407	5.0502	4.9684	5.1264	10.143	9.2933	.26288
Stddev	.0122	.0104	.0035	.0123	.0153	.083	.0863	.00120
%RSD	.24899	.20583	.06945	.24759	.29741	.82254	.92884	.45835
#1	4.9039	5.0378	5.0479	4.9715	5.1329	10.144	9.3387	.26427
#2	4.9281	5.0321	5.0486	4.9548	5.1090	10.226	9.1937	.26220
#3	4.9192	5.0523	5.0543	4.9788	5.1374	10.060	9.3473	.26217
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5488	27.197	1.0142	2.4678	1.2780	5.2151	2.6842	25.056
Stddev	.0047	.222	.0025	.0056	.0020	.0434	.0125	.091
%RSD	.18317	.81710	.24814	.22726	.15462	.83270	.46404	.36515
#1	2.5530	27.012	1.0158	2.4722	1.2767	5.2124	2.6959	25.015
#2	2.5438	27.136	1.0156	2.4615	1.2803	5.1731	2.6855	24.992
#3	2.5497	27.444	1.0113	2.4698	1.2771	5.2598	2.6711	25.160
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4984	1.1891	24.365	2.4956	2.5468	23.644	4.9742	5.1413
Stddev	.0038	.0044	.291	.0093	.0065	.132	.0034	.0344
%RSD	.15215	.36885	1.1935	.37337	.25654	.55995	.06945	.66912
#1	2.5014	1.1904	24.582	2.5046	2.5504	23.758	4.9712	5.1552
#2	2.4941	1.1928	24.034	2.4962	2.5392	23.499	4.9780	5.1022
#3	2.4997	1.1843	24.477	2.4860	2.5507	23.676	4.9733	5.1666
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0411	5.0990	4.8782	4.9299	5.0131	5.019	5.4006	F 4.0677
Stddev	.0852	.0327	.0100	.0131	.0435	.032	.0453	.0427
%RSD	1.6909	.64108	.20545	.26633	.86851	.6448	.83858	1.0507
#1	5.1067	5.1111	4.8790	4.9420	5.0232	5.043	5.4081	4.0773
#2	4.9447	5.0620	4.8678	4.9159	4.9654	4.982	5.3520	4.1048
#3	5.0717	5.1239	4.8878	4.9319	5.0507	5.032	5.4417	4.0210

Sample Name: CCV06 Acquired: 1/30/2019 18:55:36 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.3449
Stddev	1.3512
%RSD	40.397

#1	1.9651
#2	3.4039
#3	4.6656

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3822.6	45146.	4000.1	11.263	3926.0
Stddev	2.2	261.	31.6	1.024	4.1
%RSD	.05849	.57911	.79053	9.0897	.10500

#1	3825.2	44932.	3988.3	10.932	3923.2
#2	3821.3	45069.	4035.9	12.411	3930.7
#3	3821.3	45438.	3976.0	10.445	3924.0

Sample Name: CCB06 Acquired: 1/30/2019 18:59:51 Type: Unk
Method: P4-ICP2(v2813) 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	.00069	.00137	-.00112	.00059	.00016	-.00514	-.01912
Stddev	.00121	.00067	.00054	.00108	.00056	.00870	.00434
%RSD	175.10	48.575	48.633	183.22	345.76	169.23	22.694

#1	.00158	.00108	-.00056	.00135	-.00039	.00396	-.02276
#2	.00119	.00213	-.00115	-.00065	.00014	-.00602	-.01432
#3	-.00069	.00090	-.00165	.00107	.00073	-.01337	-.02027

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00003	.00414	-.00007	.00016	-.00071	-.00028
Stddev	.00010	.00002	.01128	.00032	.00016	.00032	.00063
%RSD	594.20	69.970	272.46	459.12	101.53	45.839	225.36

#1	-.00010	-.00001	.01350	-.00043	.00033	-.00075	-.00032
#2	.00005	-.00005	-.00838	.00006	.00014	-.00036	.00037
#3	.00010	-.00003	.00730	.00017	.00001	-.00100	-.00089

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.03114	.00058	.00100	-.23217	-.00009	.00022
Stddev	.00005	.02749	.00012	.00022	.00540	.00009	.00002
%RSD	558.35	88.306	21.370	21.862	2.3272	93.169	8.9173

#1	-.00003	.00317	.00071	.00110	-.23743	-.00002	.00022
#2	-.00001	.05813	.00059	.00116	-.23246	-.00019	.00020
#3	.00007	.03211	.00046	.00075	-.22663	-.00008	.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07463	.00040	.00811	F -.02808	.00473	.00004	.00646
Stddev	.00616	.00004	.00844	.01147	.00170	.00050	.00226
%RSD	8.2504	10.947	103.99	40.844	35.952	1388.7	35.035

#1	.06758	.00040	.00302	-.04055	.00519	-.00015	.00461
#2	.07894	.00044	.00347	-.02573	.00615	.00061	.00578
#3	.07739	.00035	.01786	-.01797	.00285	-.00035	.00898

Sample Name: CCB06 Acquired: 1/30/2019 18:59:51 Type: Unk
Method: P4-ICP2(v2813) 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	.00376	-.0011	-.00014	F 3.1304	F<.00000
Stddev	.00076	.0011	.00003	.0964	.92160
%RSD	20.076	103.3	18.923	3.0807	16.196
#1	.00463	.0001	-.00018	3.2014	-5.9081
#2	.00340	-.0012	-.00013	3.0206	-4.6794
#3	.00326	-.0021	-.00013	3.1692	-6.4836
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3980.2	47550.	4049.1	12.054	4519.8
Stddev	8.4	81.	19.7	1.051	7.5
%RSD	.21063	.16958	.48634	8.7212	.16605
#1	3985.2	47571.	4071.2	11.218	4513.4
#2	3970.5	47619.	4042.5	13.234	4517.9
#3	3984.9	47461.	4033.5	11.709	4528.1

Sample Name: K1277-03 Acquired: 1/30/2019 19:09:35 Type: Unk
Method: P4-ICP2(v2813) 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	.05142	.02563	.07008	.00382	.01646	5.3239	.13202	.00042
Stddev	.00032	.00094	.00065	.00095	.00101	.0553	.00387	.00008
%RSD	.62527	3.6499	.92946	24.961	6.1637	1.0389	2.9312	17.915
#1	.05134	.02585	.06933	.00299	.01541	5.2607	.13590	.00036
#2	.05114	.02460	.07048	.00486	.01651	5.3635	.12816	.00040
#3	.05177	.02644	.07043	.00359	.01744	5.3475	.13200	.00050
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	112.42	.13506	.00489	.04032	7.3240	.44387	30.392
Stddev	.00013	1.34	.00147	.00024	.00066	.0435	.00082	.135
%RSD	38.874	1.1959	1.0903	4.8913	1.6283	.59428	.18479	.44380
#1	-.00032	113.08	.13352	.00471	.03957	7.3735	.44292	30.371
#2	-.00020	110.87	.13645	.00479	.04081	7.2915	.44433	30.537
#3	-.00046	113.31	.13522	.00516	.04058	7.3071	.44436	30.270
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07745	.00210	345.70	2.9584	.22346	36.492	.29591	.85647
Stddev	.00062	.00041	6.97	.0006	.00091	.292	.00101	.00672
%RSD	.80082	19.462	2.0176	.02088	.40817	.80061	.34024	.78489
#1	.07678	.00216	348.69	2.9589	.22248	36.682	.29480	.86368
#2	.07756	.00167	337.73	2.9586	.22364	36.155	.29677	.85535
#3	.07801	.00248	350.67	2.9577	.22428	36.638	.29617	.85038
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 48.059	F 23.276	-.00723	.23776	.06120	.3347	.96281	4.7462
Stddev	.234	.327	.00098	.01604	.00075	.0036	.01202	.1022
%RSD	.48608	1.4067	13.526	6.7473	1.2290	1.090	1.2488	2.1526
#1	47.992	23.515	-.00735	.25251	.06035	.3321	.96968	4.6940
#2	47.865	22.903	-.00620	.22068	.06150	.3330	.94893	4.6807
#3	48.318	23.410	-.00815	.24010	.06176	.3388	.96982	4.8639

Sample Name: K1277-03 Acquired: 1/30/2019 19:09:35 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.2910
Stddev	2.4566
%RSD	26.440

#1	12.128
#2	7.8723
#3	7.8732

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3541.7	42031.	3920.0	10.560	3637.7
Stddev	11.1	76.	55.8	.706	5.0
%RSD	.31234	.18035	1.4246	6.6823	.13760

#1	3547.0	42093.	3864.2	11.364	3643.5
#2	3529.0	41947.	3975.9	10.043	3634.7
#3	3549.1	42053.	3919.9	10.272	3634.9

Sample Name: K1282-35 Acquired: 1/30/2019 19:14:02 Type: Unk
Method: P4-ICP2(v2813) 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	.21605	-.01204	13.266	-.03507	.26587	66.314	2.4177	.00836
Stddev	.00052	.00177	.042	.00336	.00312	.225	.0117	.00027
%RSD	.24070	14.700	.31986	9.5906	1.1741	.33917	.48474	3.2425
#1	.21554	-.01272	13.242	-.03880	.26510	66.101	2.4160	.00865
#2	.21603	-.01337	13.241	-.03226	.26320	66.550	2.4069	.00831
#3	.21658	-.01003	13.315	-.03414	.26930	66.292	2.4301	.00811
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00843	215.03	.26799	.12937	3.8476	387.09	4.5214	29.708
Stddev	.00046	1.47	.00192	.00067	.0060	3.40	.0051	.317
%RSD	5.5000	.68335	.71639	.52116	.15710	.87791	.11341	1.0677
#1	.00886	213.93	.26953	.12914	3.8507	385.01	4.5231	29.887
#2	.00849	214.46	.26584	.12884	3.8407	385.24	4.5156	29.342
#3	.00794	216.70	.26859	.13013	3.8516	391.01	4.5254	29.896
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57805	-.01909	192.04	.29003	7.3533	21.445	.02233	.00083
Stddev	.00343	.00032	.67	.00182	.0177	.102	.00010	.00579
%RSD	.59360	1.6775	.34947	.62622	.24113	.47539	.43674	699.22
#1	.57483	-.01875	192.18	.28864	7.3499	21.363	.02238	.00352
#2	.57767	-.01939	191.32	.28937	7.3376	21.414	.02222	-.00581
#3	.58166	-.01913	192.64	.29209	7.3725	21.559	.02239	.00477
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.034	F 77.327	.58064	2.3209	.17807	7.432	1.4688	3.2698
Stddev	.144	.815	.00164	.0199	.00197	.027	.0092	.0653
%RSD	.34375	1.0545	.28312	.85759	1.1084	.3636	.62976	1.9982
#1	41.967	77.271	.57919	2.2985	.17627	7.409	1.4621	3.3444
#2	41.935	76.541	.58031	2.3365	.17775	7.424	1.4649	3.2422
#3	42.200	78.169	.58243	2.3277	.18018	7.462	1.4793	3.2228

Sample Name: K1282-35 Acquired: 1/30/2019 19:14:02 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2281.5
Stddev 3.1
%RSD .13600

#1 2279.3
#2 2280.3
#3 2285.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3677.4	43903.	4031.0	13.434	3329.4
Stddev	11.0	171.	17.6	1.392	15.9
%RSD	.29834	.38882	.43564	10.363	.47783

#1	3671.1	43743.	4026.2	14.885	3329.7
#2	3690.1	43883.	4050.4	12.110	3345.2
#3	3671.1	44083.	4016.2	13.306	3313.4

Sample Name: K1271-01 Acquired: 1/30/2019 19:18:18 Type: Unk
Method: P4-ICP2(v2813) 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	.00142	-.00327	.06024	.00016	.00037	2.3686	.04432	.00022
Stddev	.00038	.00065	.00008	.00144	.00063	.0310	.00262	.00007
%RSD	26.537	19.894	.12500	921.37	172.62	1.3073	5.9081	32.915

#1	.00134	-.00399	.06029	-.00016	.00109	2.3461	.04129	.00026
#2	.00182	-.00273	.06028	-.00110	-.00010	2.3558	.04585	.00014
#3	.00108	-.00307	.06016	.00172	.00011	2.4039	.04580	.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00459	1.8004	.12351	.00191	.41005	7.6688	.09121	1.0037
Stddev	.00011	.0124	.00038	.00011	.00087	.1047	.00049	.0566
%RSD	2.4914	.69021	.31138	5.5908	.21212	1.3649	.53185	5.6390

#1	.00461	1.7883	.12385	.00184	.40914	7.7807	.09170	.95116
#2	.00470	1.7997	.12357	.00185	.41012	7.6524	.09073	.99637
#3	.00447	1.8131	.12309	.00203	.41088	7.5733	.09120	1.0636

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01942	.01315	.32365	.00914	.26492	.58020	.00243	.01083
Stddev	.00017	.00036	.01102	.00015	.00059	.01497	.00006	.00889
%RSD	.86085	2.7604	3.4046	1.6511	.22101	2.5799	2.3881	82.040

#1	.01924	.01286	.33638	.00932	.26428	.59102	.00239	.01414
#2	.01957	.01303	.31742	.00907	.26543	.56312	.00250	.00077
#3	.01946	.01356	.31717	.00905	.26506	.58647	.00241	.01759

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79296	.83247	.01989	.18319	-.00060	.3124	-.00192	2.8328
Stddev	.01789	.01249	.00018	.00016	.00105	.0011	.00017	.0429
%RSD	2.2564	1.5004	.90733	.08713	174.09	.3532	9.0654	1.5157

#1	.81362	.84588	.02008	.18307	-.00148	.3112	-.00211	2.8075
#2	.78263	.83035	.01971	.18337	.00056	.3134	-.00188	2.8084
#3	.78263	.82117	.01989	.18312	-.00089	.3126	-.00177	2.8823

Sample Name: K1271-01 Acquired: 1/30/2019 19:18:18 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 26.652
 Stddev 1.179
 %RSD 4.4238

#1 27.919
 #2 26.451
 #3 25.586

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4102.1	49394.	4217.9	12.922	4682.8
Stddev	15.7	170.	35.8	.984	19.4
%RSD	.38168	.34435	.84844	7.6114	.41465

#1	4090.5	49501.	4182.3	13.477	4666.6
#2	4119.9	49483.	4217.4	11.786	4704.4
#3	4095.7	49198.	4253.9	13.502	4677.6

Sample Name: K1282-01 Acquired: 1/30/2019 19:22:42 Type: Unk
Method: P4-ICP2(v2813) 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	.16404	-.00213	6.7994	-.08854	.07304	63.101	1.2232	.01110
Stddev	.00271	.00120	.0152	.00438	.00479	.097	.0036	.00007
%RSD	1.6512	56.135	.22337	4.9481	6.5546	.15297	.29458	.62471
#1	.16097	-.00080	6.7828	-.08539	.06769	63.079	1.2210	.01115
#2	.16505	-.00312	6.8027	-.08669	.07453	63.018	1.2273	.01112
#3	.16609	-.00248	6.8127	-.09355	.07691	63.207	1.2212	.01102
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02385	45.000	.19657	.12714	2.3946	528.59	6.6920	8.9834
Stddev	.00062	.200	.00121	.00141	.0092	.84	.0143	.0610
%RSD	2.5956	.44335	.61381	1.1090	.38563	.15840	.21356	.67899
#1	.02326	45.183	.19783	.12555	2.3839	529.20	6.7085	8.9379
#2	.02381	44.787	.19643	.12822	2.3992	528.92	6.6838	8.9595
#3	.02449	45.031	.19543	.12766	2.4006	527.63	6.6837	9.0527
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41234	-.04062	2.2427	.22379	4.6543	4.5365	.02385	-.40396
Stddev	.00233	.00013	.0122	.00068	.0200	.0179	.00040	.00989
%RSD	.56611	.31170	.54396	.30270	.42988	.39535	1.6673	2.4488
#1	.40968	-.04058	2.2298	.22391	4.6326	4.5414	.02421	-.40331
#2	.41330	-.04076	2.2440	.22306	4.6585	4.5515	.02342	-.39441
#3	.41404	-.04051	2.2541	.22440	4.6719	4.5167	.02393	-.41416
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 37.363	2.0702	.33780	1.5974	.05649	5.517	-.10757	2.0068
Stddev	.095	.0273	.00109	.0114	.00090	.013	.00063	.0311
%RSD	.25458	1.3178	.32221	.71578	1.5879	.2313	.58745	1.5474
#1	37.254	2.1017	.33693	1.6020	.05641	5.502	-.10767	2.0424
#2	37.409	2.0559	.33745	1.6058	.05742	5.522	-.10814	1.9920
#3	37.427	2.0531	.33902	1.5844	.05563	5.526	-.10689	1.9858

Sample Name: K1282-01 Acquired: 1/30/2019 19:22:42 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3671.8
Stddev 2.5
%RSD .06725

#1 3669.1
#2 3673.9
#3 3672.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3892.3	46062.	4151.0	13.966	3649.3
Stddev	23.5	133.	11.6	1.968	19.2
%RSD	.60309	.28842	.27910	14.088	.52583

#1	3919.4	45911.	4137.8	11.961	3671.5
#2	3879.6	46117.	4159.5	15.894	3637.2
#3	3877.9	46159.	4155.8	14.044	3639.4

Sample Name: K1282-05 Acquired: 1/30/2019 19:27:09 Type: Unk
Method: P4-ICP2(v2813) 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	.63394	-.00893	5.6190	-.04204	.02284	71.425	1.5747	.00926
Stddev	.00582	.00101	.0092	.00519	.00047	.177	.0195	.00015
%RSD	.91745	11.266	.16298	12.353	2.0768	.24823	1.2374	1.6035
#1	.62864	-.00920	5.6262	-.04220	.02236	71.321	1.5570	.00941
#2	.63302	-.00977	5.6222	-.03677	.02287	71.630	1.5956	.00912
#3	.64016	-.00781	5.6087	-.04715	.02331	71.324	1.5715	.00924
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00463	42.050	.38686	.15768	1.5002	395.67	8.1703	19.416
Stddev	.00075	.558	.00153	.00047	.0027	5.29	.0332	.162
%RSD	16.134	1.3264	.39478	.29664	.17852	1.3359	.40632	.83288
#1	.00510	41.481	.38846	.15762	1.5011	391.46	8.1860	19.260
#2	.00377	42.595	.38671	.15725	1.4972	401.60	8.1927	19.583
#3	.00501	42.075	.38542	.15818	1.5024	393.94	8.1322	19.406
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53465	-.01939	5.5426	.39020	4.4485	8.1449	.02939	-.16068
Stddev	.00086	.00119	.0743	.00518	.0037	.0629	.00027	.00225
%RSD	.16121	6.1415	1.3402	1.3275	.08402	.77227	.90542	1.4017
#1	.53366	-.02065	5.4631	.39618	4.4516	8.0731	.02968	-.16312
#2	.53510	-.01828	5.6101	.38720	4.4495	8.1906	.02915	-.16025
#3	.53520	-.01923	5.5547	.38721	4.4444	8.1708	.02935	-.15868
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9588	1.8535	.38505	2.0087	.08935	9.087	-.03534	1.7363
Stddev	.0578	.0319	.00203	.0271	.00122	.021	.00217	.1518
%RSD	.58002	1.7185	.52613	1.3500	1.3709	.2349	6.1501	8.7420
#1	9.9049	1.8541	.38434	1.9790	.08861	9.096	-.03587	1.5935
#2	9.9516	1.8851	.38347	2.0322	.09076	9.063	-.03720	1.8957
#3	10.020	1.8214	.38733	2.0149	.08868	9.103	-.03295	1.7198

Sample Name: K1282-05 Acquired: 1/30/2019 19:27:09 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2447.8
 Stddev 1.5
 %RSD .06326

#1 2446.1
 #2 2448.2
 #3 2449.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4049.5	48195.	4349.2	12.987	3746.1
Stddev	16.2	204.	41.0	.469	6.7
%RSD	.40070	.42282	.94240	3.6142	.17876

#1	4058.5	48070.	4382.4	13.456	3748.7
#2	4059.1	48085.	4303.4	12.987	3751.1
#3	4030.7	48431.	4361.8	12.517	3738.5

Sample Name: K1282-09 Acquired: 1/30/2019 19:31:36 Type: Unk
Method: P4-ICP2(v2813) 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	.16598	-.00255	2.3054	-.02251	.02598	69.816	.84809	.00983
Stddev	.00175	.00112	.0038	.00111	.00154	.197	.02286	.00022
%RSD	1.0563	44.089	.16605	4.9129	5.9257	.28227	2.6952	2.2567
#1	.16761	-.00368	2.3026	-.02227	.02773	69.758	.83269	.01004
#2	.16620	-.00144	2.3039	-.02371	.02534	69.655	.83722	.00960
#3	.16413	-.00251	2.3098	-.02154	.02486	70.036	.87435	.00983
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00661	23.080	.28015	.06800	.93229	286.79	4.2639	8.3290
Stddev	.00052	.615	.00144	.00069	.00462	5.14	.0099	.2965
%RSD	7.8597	2.6631	.51563	1.0122	.49546	1.7930	.23163	3.5604
#1	-.00619	22.549	.28128	.06839	.93269	282.61	4.2593	8.1937
#2	-.00644	22.937	.27853	.06841	.93670	285.23	4.2572	8.1243
#3	-.00719	23.753	.28065	.06720	.92749	292.53	4.2753	8.6691
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11671	-.00813	.87987	.36298	1.7534	7.5015	.01156	-.04846
Stddev	.00084	.00088	.04903	.00177	.0017	.1838	.00026	.00201
%RSD	.72321	10.795	5.5729	.48806	.09563	2.4496	2.2901	4.1379
#1	.11620	-.00912	.84769	.36494	1.7542	7.3910	.01137	-.04623
#2	.11769	-.00781	.85562	.36148	1.7514	7.4000	.01186	-.05010
#3	.11625	-.00746	.93630	.36253	1.7545	7.7136	.01145	-.04905
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8435	2.5047	.19820	1.3364	.03992	6.691	-.07150	2.1301
Stddev	.0374	.0602	.00030	.0543	.00191	.014	.00049	.0522
%RSD	1.3141	2.4032	.15341	4.0589	4.7734	.2125	.68923	2.4519
#1	2.8586	2.4859	.19852	1.2996	.03779	6.687	-.07159	2.0988
#2	2.8709	2.4562	.19817	1.3110	.04049	6.707	-.07097	2.1011
#3	2.8009	2.5721	.19792	1.3987	.04148	6.679	-.07194	2.1904

Sample Name: K1282-09 Acquired: 1/30/2019 19:31:36 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1570.2
Stddev 5.0
%RSD .31939

#1 1572.9
#2 1564.4
#3 1573.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4140.5	49062.	4377.6	12.722	3989.9
Stddev	15.1	105.	91.7	.951	10.0
%RSD	.36523	.21320	2.0937	7.4789	.25023

#1	4123.1	48941.	4446.7	13.454	3978.6
#2	4149.8	49121.	4412.5	13.066	3997.6
#3	4148.7	49124.	4273.6	11.647	3993.5

Sample Name: K1282-13 Acquired: 1/30/2019 19:36:05 Type: Unk
Method: P4-ICP2(v2813) 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	.38850	-.02225	2.7027	.00231	.01317	48.088	1.0766	.00816
Stddev	.00143	.00175	.0101	.00060	.00133	.335	.0290	.00007
%RSD	.36770	7.8605	.37273	26.094	10.112	.69755	2.6982	.88146
#1	.38754	-.02047	2.7083	.00201	.01466	48.026	1.0440	.00824
#2	.39014	-.02396	2.7088	.00300	.01274	47.789	1.0861	.00811
#3	.38782	-.02233	2.6911	.00191	.01210	48.451	1.0997	.00814
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00244	33.206	.28632	.08348	1.1214	233.13	1.8932	14.930
Stddev	.00045	.869	.00454	.00037	.0008	5.36	.0215	.373
%RSD	18.645	2.6180	1.5853	.44096	.07081	2.2987	1.1347	2.4996
#1	-.00202	32.215	.29073	.08354	1.1210	227.54	1.9014	14.501
#2	-.00237	33.561	.28166	.08381	1.1223	233.64	1.8688	15.108
#3	-.00292	33.841	.28656	.08308	1.1209	238.22	1.9093	15.181
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19960	-.00548	1.5941	.30532	2.4560	4.7639	.03296	-.00711
Stddev	.00047	.00115	.0472	.00552	.0021	.0664	.00030	.00290
%RSD	.23409	20.999	2.9605	1.8086	.08702	1.3931	.90021	40.789
#1	.19906	-.00680	1.5409	.31086	2.4570	4.6911	.03262	-.00640
#2	.19985	-.00487	1.6109	.29981	2.4536	4.7796	.03318	-.01030
#3	.19989	-.00476	1.6307	.30530	2.4576	4.8211	.03307	-.00463
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0240	1.9913	.17520	3.2292	.07151	4.374	.12230	2.1497
Stddev	.0624	.0049	.00088	.0743	.00541	.013	.00350	.2094
%RSD	1.2413	.24700	.50075	2.3013	7.5690	.3033	2.8610	9.7392
#1	4.9711	1.9856	.17440	3.1508	.06544	4.360	.11833	2.0349
#2	5.0927	1.9937	.17614	3.2381	.07326	4.387	.12494	2.0229
#3	5.0080	1.9945	.17505	3.2986	.07583	4.374	.12364	2.3914

Sample Name: K1282-13 Acquired: 1/30/2019 19:36:05 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1190.3
Stddev 7.3
%RSD .61077

#1 1198.4
#2 1184.5
#3 1187.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4131.2	49687.	4457.0	13.440	3987.9
Stddev	3.0	374.	96.1	2.454	4.7
%RSD	.07378	.75203	2.1557	18.256	.11884

#1	4133.9	49541.	4564.6	16.089	3992.9
#2	4127.9	50112.	4426.9	12.984	3983.5
#3	4131.9	49409.	4379.6	11.246	3987.3

Sample Name: K1282-17 Acquired: 1/30/2019 19:40:15 Type: Unk
Method: P4-ICP2(v2813) 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	.86203	-.01601	2.5356	-.00971	.01349	71.914	.70032	.00825
Stddev	.00309	.00123	.0034	.00025	.00167	.492	.01442	.00004
%RSD	.35876	7.6533	.13595	2.5482	12.366	.68474	2.0597	.50894
#1	.86329	-.01544	2.5344	-.00957	.01492	71.350	.68409	.00826
#2	.86430	-.01518	2.5329	-.00957	.01165	72.135	.70520	.00821
#3	.85851	-.01742	2.5394	-.01000	.01389	72.257	.71168	.00829
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00263	108.09	.22847	.07360	.89831	214.53	1.8110	16.772
Stddev	.00029	2.09	.00218	.00030	.00381	2.83	.0030	.500
%RSD	10.982	1.9344	.95594	.41282	.42406	1.3182	.16712	2.9795
#1	.00279	105.67	.23021	.07345	.89613	211.31	1.8105	16.207
#2	.00229	109.37	.22602	.07340	.89608	216.62	1.8142	16.953
#3	.00280	109.21	.22918	.07395	.90270	215.66	1.8082	17.156
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17456	-.00647	2.3514	.29591	1.8975	7.2479	.01801	-.02458
Stddev	.00108	.00103	.0501	.00256	.0014	.1112	.00015	.00638
%RSD	.61649	15.904	2.1311	.86358	.07137	1.5348	.85579	25.964
#1	.17402	-.00727	2.2943	.29749	1.8982	7.1198	.01787	-.02724
#2	.17580	-.00531	2.3717	.29297	1.8959	7.3204	.01817	-.01730
#3	.17386	-.00683	2.3881	.29729	1.8983	7.3034	.01800	-.02920
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4319	3.2323	.20576	2.2409	.07690	5.219	.20995	2.2507
Stddev	.0193	.0345	.00105	.0688	.00257	.012	.00465	.1668
%RSD	.20467	1.0664	.50894	3.0684	3.3465	.2227	2.2163	7.4097
#1	9.4204	3.2259	.20466	2.1627	.07400	5.205	.20458	2.3014
#2	9.4542	3.2016	.20674	2.2681	.07779	5.223	.21237	2.3862
#3	9.4211	3.2696	.20587	2.2919	.07892	5.227	.21289	2.0645

Sample Name: K1282-17 Acquired: 1/30/2019 19:40:15 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1138.4
Stddev	5.8
%RSD	.51095

#1	1136.3
#2	1145.0
#3	1134.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4140.3	49168.	4580.0	13.323	3869.5
Stddev	4.2	177.	49.0	.378	2.9
%RSD	.10204	.36033	1.0703	2.8392	.07494

#1	4139.0	49014.	4634.3	13.733	3870.2
#2	4145.0	49128.	4539.0	12.987	3872.0
#3	4136.9	49362.	4566.7	13.250	3866.3

Sample Name: K1282-21 Acquired: 1/30/2019 19:44:25 Type: Unk
Method: P4-ICP2(v2813) 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	.39564	-.00575	4.3854	.00104	.01692	63.061	1.7638	.01166
Stddev	.00381	.00146	.0085	.00114	.00190	.547	.0268	.00007
%RSD	.96329	25.335	.19329	109.34	11.238	.86790	1.5185	.61349
#1	.39717	-.00685	4.3942	.00166	.01523	62.577	1.7379	.01172
#2	.39130	-.00630	4.3773	.00173	.01654	63.655	1.7619	.01169
#3	.39845	-.00410	4.3848	-.00027	.01898	62.951	1.7914	.01158
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	34.920	.19155	.08858	2.8133	313.50	2.8990	15.795
Stddev	.00074	.527	.00027	.00037	.0051	4.41	.0040	.156
%RSD	99.929	1.5088	.13880	.42213	.18009	1.4081	.13871	.98987
#1	.00117	34.383	.19185	.08901	2.8087	311.28	2.8945	15.725
#2	.00115	34.940	.19134	.08836	2.8125	310.63	2.9024	15.686
#3	-.00011	35.437	.19147	.08837	2.8187	318.59	2.9000	15.974
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24035	-.01133	1.4459	.31287	2.5529	5.3493	.03101	-.07819
Stddev	.00074	.00011	.0234	.00233	.0065	.0204	.00021	.00652
%RSD	.30658	.94858	1.6216	.74377	.25624	.38190	.67475	8.3359
#1	.23951	-.01138	1.4270	.31018	2.5604	5.3258	.03109	-.07305
#2	.24090	-.01140	1.4385	.31416	2.5491	5.3627	.03116	-.08552
#3	.24063	-.01120	1.4721	.31426	2.5490	5.3594	.03077	-.07599
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9695	2.1093	.28627	2.0645	.09180	8.281	.17012	1.8246
Stddev	.0282	.0833	.00123	.0094	.00293	.028	.00414	.1008
%RSD	.40431	3.9504	.43002	.45317	3.1890	.3389	2.4324	5.5239
#1	6.9962	2.0871	.28768	2.0581	.09204	8.308	.16537	1.8794
#2	6.9401	2.0393	.28548	2.0602	.08875	8.283	.17290	1.8861
#3	6.9723	2.2015	.28564	2.0753	.09459	8.252	.17210	1.7083

Sample Name: K1282-21 Acquired: 1/30/2019 19:44:25 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1749.4
 Stddev 12.4
 %RSD .70819

#1 1735.9
 #2 1760.2
 #3 1752.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4107.7	49157.	4397.6	13.085	3877.9
Stddev	19.6	86.	53.8	1.930	9.5
%RSD	.47615	.17554	1.2243	14.748	.24536

#1	4126.7	49167.	4426.1	15.312	3882.3
#2	4108.8	49067.	4431.3	12.028	3884.4
#3	4087.6	49238.	4335.5	11.914	3867.0

Sample Name: K1282-25 Acquired: 1/30/2019 19:48:44 Type: Unk
Method: P4-ICP2(v2813) 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	.61423	-.01459	4.7789	-.00505	.03291	43.354	.96799	.00839
Stddev	.00224	.00245	.0058	.00215	.00092	.140	.00770	.00018
%RSD	.36485	16.805	.12096	42.478	2.7867	.32181	.79540	2.1179
#1	.61299	-.01565	4.7769	-.00340	.03289	43.210	.96205	.00826
#2	.61287	-.01633	4.7744	-.00427	.03200	43.361	.96522	.00831
#3	.61681	-.01179	4.7854	-.00748	.03383	43.489	.97669	.00859
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00487	26.994	.19280	.07624	1.7722	262.72	2.1845	6.6289
Stddev	.00008	.237	.00228	.00057	.0035	.86	.0062	.0191
%RSD	1.6876	.87820	1.1814	.74598	.19704	.32825	.28205	.28872
#1	-.00493	26.754	.19543	.07558	1.7707	261.88	2.1882	6.6473
#2	-.00491	27.000	.19135	.07660	1.7697	262.67	2.1879	6.6091
#3	-.00478	27.228	.19162	.07653	1.7762	263.60	2.1774	6.6304
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20053	-.00499	.72656	.23537	1.7108	3.2614	.02437	-.03719
Stddev	.00088	.00065	.00261	.00335	.0025	.0246	.00027	.01559
%RSD	.44000	12.950	.35892	1.4234	.14574	.75296	1.1247	41.915
#1	.19966	-.00572	.72360	.23923	1.7113	3.2394	.02424	-.02821
#2	.20142	-.00475	.72851	.23369	1.7082	3.2879	.02468	-.05520
#3	.20050	-.00450	.72757	.23320	1.7131	3.2571	.02418	-.02817
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4695	1.8672	.26091	2.5062	.04718	3.795	.04247	2.0347
Stddev	.0363	.0364	.00093	.0221	.00104	.010	.00128	.0333
%RSD	.66395	1.9485	.35518	.88162	2.1945	.2625	3.0030	1.6377
#1	5.4658	1.8911	.25984	2.4909	.04650	3.792	.04113	1.9991
#2	5.5075	1.8253	.26148	2.5315	.04837	3.806	.04263	2.0652
#3	5.4352	1.8851	.26141	2.4962	.04667	3.786	.04366	2.0396

Sample Name: K1282-25 Acquired: 1/30/2019 19:48:44 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1337.4
 Stddev 9.3
 %RSD .69645

#1 1331.7
 #2 1332.4
 #3 1348.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4142.0	49370.	4375.5	12.942	4035.8
Stddev	2.0	161.	12.3	.482	.7
%RSD	.04914	.32679	.28081	3.7269	.01832

#1	4142.2	49185.	4378.4	12.443	4036.2
#2	4143.9	49445.	4386.1	13.406	4036.3
#3	4139.8	49480.	4362.1	12.976	4035.0

Sample Name: CCV07 Acquired: 1/30/2019 19:52:54 Type: Unk
Method: P4-ICP2(v2813) 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	4.9465	5.0589	5.0535	5.0065	5.1363	10.102	9.2505	.26293
Stddev	.0277	.0138	.0044	.0116	.0154	.107	.0385	.00099
%RSD	.55919	.27180	.08658	.23060	.30002	1.0579	.41622	.37699
#1	4.9594	5.0542	5.0496	5.0171	5.1528	10.091	9.2438	.26405
#2	4.9653	5.0482	5.0582	5.0082	5.1337	10.000	9.2919	.26260
#3	4.9147	5.0744	5.0526	4.9942	5.1223	10.213	9.2157	.26215
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5541	26.862	1.0128	2.4806	1.2813	5.1785	2.6731	24.801
Stddev	.0015	.041	.0037	.0016	.0035	.0449	.0063	.173
%RSD	.06038	.15278	.36672	.06313	.27164	.86788	.23571	.69559
#1	2.5529	26.903	1.0117	2.4794	1.2813	5.1619	2.6732	24.602
#2	2.5559	26.821	1.0170	2.4824	1.2847	5.2294	2.6794	24.886
#3	2.5537	26.862	1.0098	2.4800	1.2778	5.1443	2.6668	24.914
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5091	1.1988	24.128	2.5000	2.5518	23.575	4.9851	5.0921
Stddev	.0027	.0015	.193	.0033	.0010	.125	.0094	.0272
%RSD	.10813	.12707	.79821	.13373	.04131	.53199	.18749	.53413
#1	2.5080	1.1971	24.053	2.4990	2.5508	23.543	4.9946	5.0636
#2	2.5071	1.1999	24.346	2.5038	2.5529	23.713	4.9848	5.1177
#3	2.5122	1.1995	23.983	2.4973	2.5516	23.469	4.9759	5.0951
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0681	5.0409	4.9182	4.9191	4.9452	5.071	5.3480	F 3.9412
Stddev	.0169	.0368	.0014	.0125	.0279	.029	.0217	.0279
%RSD	.33260	.73052	.02738	.25334	.56364	.5620	.40562	.70782
#1	5.0500	5.0304	4.9190	4.9063	4.9426	5.085	5.3524	3.9354
#2	5.0833	5.0818	4.9167	4.9312	4.9743	5.038	5.3671	3.9715
#3	5.0710	5.0104	4.9190	4.9199	4.9187	5.089	5.3244	3.9166

Sample Name: CCV07 Acquired: 1/30/2019 19:52:54 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3268
Stddev	1.9449
%RSD	83.586

#1	1.8475
#2	.66638
#3	4.4665

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3796.9	44957.	4007.4	10.202	3899.2
Stddev	15.6	117.	32.1	.651	6.0
%RSD	.41204	.26082	.80162	6.3847	.15472

#1	3781.9	44861.	3994.7	10.069	3894.9
#2	3795.8	44922.	3983.5	9.6280	3896.6
#3	3813.1	45088.	4043.9	10.910	3906.1

Sample Name: CCB07 Acquired: 1/30/2019 19:56:54 Type: Unk
Method: P4-ICP2(v2813) 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	.00047	.00010	-.00091	.00002	-.00027	-.00739	-.01525
Stddev	.00180	.00112	.00047	.00343	.00128	.00496	.00142
%RSD	382.62	1087.1	51.605	16612.	465.42	67.057	9.3406

#1	.00251	.00101	-.00116	.00080	.00116	-.00688	-.01369
#2	-.00018	.00045	-.00037	.00299	-.00071	-.01259	-.01560
#3	-.00091	-.00115	-.00120	-.00373	-.00128	-.00271	-.01647

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00001	.00709	.00031	.00008	-.00067	-.00012
Stddev	.00005	.00008	.01442	.00033	.00021	.00010	.00191
%RSD	1983.8	531.05	203.27	106.12	274.83	15.609	1600.2

#1	.00003	-.00003	-.00138	.00050	-.00016	-.00077	-.00028
#2	-.00006	.00010	.02374	-.00007	.00014	-.00057	-.00195
#3	.00003	-.00003	-.00108	.00051	.00025	-.00067	.00187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.03067	.00046	.00126	-.19719	-.00039	.00010
Stddev	.00002	.01232	.00042	.00042	.00638	.00015	.00006
%RSD	69.345	40.158	92.501	33.723	3.2371	38.681	62.543

#1	.00004	.04268	.00035	.00078	-.20283	-.00057	.00012
#2	.00001	.03126	.00092	.00159	-.19026	-.00033	.00003
#3	.00005	.01807	.00010	.00141	-.19849	-.00028	.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06111	.00013	.01336	-.00940	.00555	-.00022	.00278
Stddev	.03196	.00018	.01379	.01773	.00162	.00027	.00106
%RSD	52.310	141.53	103.26	188.54	29.222	124.03	38.199

#1	.03885	.00034	.01583	-.00861	.00477	-.00027	.00383
#2	.09773	.00001	-.00151	-.02751	.00741	.00008	.00281
#3	.04674	.00004	.02574	.00791	.00446	-.00045	.00170

Sample Name: CCB07 Acquired: 1/30/2019 19:56:54 Type: Unk
 Method: P4-ICP2(v2813) 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	.00421	-.0004	-.00009	F 2.9020	F<.00000
Stddev	.00421	.0007	.00012	.0623	2.2008
%RSD	100.04	148.4	127.87	2.1483	39.694
#1	.00427	-.0004	-.00001	2.8717	-3.7849
#2	-.00003	-.0011	-.00004	2.9736	-8.0120
#3	.00840	.0002	-.00022	2.8605	-4.8360
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4016.8	47978.	4093.8	11.908	4537.9
Stddev	7.6	148.	51.2	.715	11.2
%RSD	.18974	.30852	1.2504	6.0024	.24670
#1	4008.3	47813.	4099.5	11.095	4527.9
#2	4018.7	48023.	4040.0	12.186	4550.0
#3	4023.2	48099.	4141.9	12.441	4535.9

Sample Name: K1269-02 Acquired: 1/30/2019 20:01:23 Type: Unk
Method: P4-ICP2(v2813) 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	.00545	-.00213	.01058	.00943	-.00047	-.01470	.39702	.00009
Stddev	.00212	.00207	.00046	.00383	.00279	.01142	.00329	.00007
%RSD	38.790	97.368	4.3617	40.646	598.64	77.738	.82781	78.989
#1	.00776	-.00453	.01033	.00719	-.00222	-.02330	.39465	.00004
#2	.00359	-.00093	.01029	.01386	.00276	-.00173	.39564	.00017
#3	.00501	-.00093	.01111	.00725	-.00194	-.01905	.40078	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00083	247.56	.00139	.00207	.00263	8.6719	.40310	59.813
Stddev	.00005	1.54	.00032	.00024	.00023	.0454	.00064	.703
%RSD	6.2836	.62114	23.273	11.556	8.8287	.52344	.15833	1.1753
#1	-.00081	246.12	.00111	.00198	.00251	8.6574	.40283	59.040
#2	-.00088	247.37	.00132	.00235	.00290	8.7228	.40383	59.985
#3	-.00078	249.18	.00175	.00190	.00249	8.6356	.40263	60.413
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00395	.00038	184.30	.00903	.01026	3.3434	.00071	.11531
Stddev	.00013	.00055	1.15	.00024	.00005	.0160	.00005	.00693
%RSD	3.3702	144.03	.62581	2.6069	.52922	.47894	7.2824	6.0117
#1	.00380	-.00002	184.02	.00928	.01027	3.3254	.00069	.11662
#2	.00398	.00015	185.56	.00900	.01021	3.3487	.00076	.10781
#3	.00406	.00100	183.31	.00881	.01032	3.3561	.00066	.12149
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 77.510	F 15.781	-.02509	-.00171	.03211	.2203	.47602	4.4400
Stddev	.335	.105	.00021	.00321	.00085	.0021	.00240	.0632
%RSD	.43214	.66601	.82307	187.13	2.6419	.9711	.50476	1.4228
#1	77.503	15.829	-.02528	.00160	.03197	.2180	.47416	4.4313
#2	77.179	15.855	-.02513	-.00481	.03302	.2205	.47516	4.5071
#3	77.849	15.661	-.02487	-.00193	.03134	.2223	.47873	4.3817

Sample Name: K1269-02 Acquired: 1/30/2019 20:01:23 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	21.252
Stddev	.560
%RSD	2.6343

#1	21.842
#2	21.187
#3	20.728

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3516.6	42293.	3830.2	11.579	3663.3
Stddev	25.9	92.	23.4	.357	7.2
%RSD	.73611	.21851	.61134	3.0833	.19697

#1	3488.4	42275.	3810.4	11.651	3659.5
#2	3522.3	42211.	3824.3	11.191	3658.9
#3	3539.2	42393.	3856.1	11.894	3671.7

Sample Name: K1269-03 Acquired: 1/30/2019 20:05:47 Type: Unk
Method: P4-ICP2(v2813) 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	.00196	-.00163	.01472	.01038	.00026	.35898	.48586
Stddev	.00145	.00085	.00154	.00282	.00118	.01553	.00510
%RSD	73.579	52.261	10.478	27.174	450.56	4.3268	1.0488

#1	.00185	-.00224	.01632	.00742	-.00034	.36569	.49172
#2	.00346	-.00198	.01325	.01069	.00162	.34122	.48248
#3	.00058	-.00066	.01459	.01304	-.00050	.37002	.48339

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00035	292.86	.00246	.00169	.00181	.43141
Stddev	.00007	.00008	1.30	.00025	.00017	.00021	.00417
%RSD	125.84	23.069	.44517	10.310	10.293	11.799	.96736

#1	.00007	-.00030	291.36	.00275	.00185	.00206	.43540
#2	-.00002	-.00044	293.58	.00236	.00150	.00167	.42708
#3	.00011	-.00031	293.65	.00227	.00172	.00170	.43174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14579	71.326	.00286	.00052	244.25	.00679	.01283
Stddev	.00143	.257	.00049	.00011	4.02	.00028	.00023
%RSD	.97996	.36096	17.055	20.215	1.6472	4.1097	1.8161

#1	.14744	71.233	.00235	.00057	239.68	.00700	.01302
#2	.14498	71.617	.00290	.00040	247.28	.00689	.01290
#3	.14495	71.128	.00333	.00060	245.77	.00647	.01257

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2473	.00037	.15418	F 52.598	F 17.441	-.01479	.00648
Stddev	.0125	.00012	.00564	.598	.099	.00118	.00337
%RSD	.29362	33.051	3.6600	1.1362	.56640	7.9853	51.981

#1	4.2513	.00050	.15900	52.991	17.364	-.01365	.00564
#2	4.2333	.00038	.15556	52.893	17.553	-.01601	.01020
#3	4.2573	.00025	.14798	51.910	17.408	-.01471	.00362

Sample Name: K1269-03 Acquired: 1/30/2019 20:05:47 Type: Unk
Method: P4-ICP2(v2813) 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	.03606	.1734	.60547	4.5115	F<.00000
Stddev	.00188	.0015	.00309	.0474	3.1255
%RSD	5.2176	.8384	.51035	1.0498	32.549
#1	.03726	.1737	.60190	4.5051	-12.941
#2	.03703	.1747	.60741	4.5618	-6.7465
#3	.03389	.1718	.60708	4.4677	-9.1194
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3482.3	41460.	3783.8	10.208	3582.5
Stddev	43.0	198.	24.9	.379	44.0
%RSD	1.2357	.47670	.65888	3.7133	1.2283
#1	3440.0	41251.	3787.4	10.576	3539.0
#2	3481.0	41486.	3757.3	10.229	3581.5
#3	3526.0	41644.	3806.8	9.8190	3627.0

Sample Name: K1269-04 Acquired: 1/30/2019 20:10:19 Type: Unk
Method: P4-ICP2(v2813) 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	.02329	-.00465	.01493	.00468	-.00039	.40532	.32965
Stddev	.00128	.00118	.00062	.00095	.00034	.01587	.00695
%RSD	5.4879	25.298	4.1851	20.398	87.982	3.9160	2.1079

#1	.02354	-.00407	.01427	.00462	-.00004	.42282	.32361
#2	.02191	-.00600	.01500	.00375	-.00040	.39186	.33724
#3	.02443	-.00388	.01552	.00566	-.00072	.40127	.32809

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00042	181.54	-.00003	.00187	.01293	1.1765
Stddev	.00001	.00007	1.70	.00020	.00016	.00015	.0086
%RSD	20.188	15.714	.93619	591.08	8.8330	1.1459	.73023

#1	-.00004	-.00046	181.60	.00018	.00197	.01297	1.1809
#2	-.00002	-.00045	179.81	-.00021	.00195	.01305	1.1666
#3	-.00003	-.00034	183.21	-.00007	.00168	.01277	1.1820

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4808	38.840	.01775	.00092	318.93	.02593	.05443
Stddev	.0916	.410	.00033	.00054	4.02	.00078	.00008
%RSD	3.6932	1.0562	1.8486	59.182	1.2607	3.0225	.14600

#1	2.5865	38.380	.01748	.00132	321.48	.02678	.05452
#2	2.4311	39.168	.01766	.00030	314.29	.02524	.05440
#3	2.4247	38.971	.01811	.00113	321.01	.02577	.05436

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7492	.00973	.09428	F 88.709	F 10.680	-.02955	.01400
Stddev	.0411	.00015	.00879	.267	.143	.00096	.00373
%RSD	.53034	1.5847	9.3278	.30148	1.3419	3.2542	26.650

#1	7.7059	.00959	.09073	89.000	10.837	-.03066	.01451
#2	7.7876	.00971	.08781	88.652	10.556	-.02900	.01005
#3	7.7542	.00989	.10429	88.474	10.647	-.02898	.01746

Sample Name: K1269-04 Acquired: 1/30/2019 20:10:19 Type: Unk
 Method: P4-ICP2(v2813) 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	.02538	.9495	.58347	4.6580	F<.00000
Stddev	.00023	.0032	.00475	.3444	1.9109
%RSD	.90765	.3365	.81473	7.3943	31.924

#1	.02551	.9498	.58441	5.0555	-8.1917
#2	.02511	.9525	.57831	4.4682	-4.9267
#3	.02551	.9461	.58768	4.4501	-4.8389

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3510.6	41138.	3777.3	9.2267	3624.2
Stddev	13.1	1188.	36.9	.5261	8.9
%RSD	.37426	2.8866	.97713	5.7020	.24652

#1	3519.9	39773.	3741.5	8.6236	3633.7
#2	3495.5	41713.	3815.2	9.4652	3615.9
#3	3516.3	41930.	3775.2	9.5913	3622.9

Sample Name: K1269-05 Acquired: 1/30/2019 20:14:51 Type: Unk
Method: P4-ICP2(v2813) 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	.00099	.00043	.00398	.00520	.00012	.06451	.60596	.00023
Stddev	.00029	.00025	.00025	.00161	.00105	.00281	.00429	.00002
%RSD	29.256	58.385	6.3776	30.975	891.40	4.3572	.70876	10.914
#1	.00071	.00017	.00388	.00486	.00080	.06677	.60504	.00020
#2	.00098	.00043	.00426	.00379	.00066	.06539	.61064	.00024
#3	.00129	.00067	.00379	.00696	-.00110	.06136	.60220	.00024
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00243	201.64	.00365	.00026	.00884	38.273	.37814	40.592
Stddev	.00008	1.79	.00038	.00006	.00042	.227	.00166	.309
%RSD	3.2987	.88734	10.485	25.098	4.7163	.59375	.43967	.76127
#1	-.00244	200.05	.00387	.00028	.00932	38.010	.37636	40.341
#2	-.00251	201.29	.00321	.00018	.00857	38.394	.37838	40.498
#3	-.00235	203.58	.00387	.00031	.00864	38.413	.37966	40.937
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00315	.00022	284.74	.01779	.00793	4.0153	.00098	.11865
Stddev	.00018	.00026	1.30	.00048	.00013	.0133	.00017	.01015
%RSD	5.8612	117.94	.45764	2.6960	1.6026	.33185	17.155	8.5510
#1	.00335	.00051	283.38	.01733	.00803	4.0032	.00113	.12117
#2	.00310	.00007	284.85	.01829	.00797	4.0131	.00102	.12730
#3	.00299	.00007	285.98	.01775	.00778	4.0295	.00080	.10748
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.139	F 13.196	-.00442	.00688	.03008	.2495	.26057	4.4288
Stddev	.355	.086	.00051	.00419	.00105	.0059	.00118	.0663
%RSD	1.6050	.65032	11.656	60.905	3.4866	2.372	.45205	1.4966
#1	22.488	13.099	-.00500	.00812	.03129	.2557	.25971	4.3540
#2	22.151	13.231	-.00404	.00221	.02955	.2488	.26010	4.4519
#3	21.777	13.259	-.00420	.01032	.02940	.2439	.26192	4.4803

Sample Name: K1269-05 Acquired: 1/30/2019 20:14:51 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 135.16
Stddev	1.28
%RSD	.94875

#1	134.14
#2	134.74
#3	136.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3520.4	41716.	3781.6	10.949	3617.9
Stddev	32.8	171.	10.4	1.032	43.3
%RSD	.93056	.41078	.27371	9.4278	1.1964

#1	3490.0	41817.	3793.4	11.454	3577.7
#2	3516.1	41813.	3777.8	9.7613	3612.4
#3	3555.1	41518.	3773.8	11.631	3663.7

Sample Name: K1269-06 Acquired: 1/30/2019 20:19:25 Type: Unk
Method: P4-ICP2(v2813) 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	.00232	-.00285	.00623	.00473	.00083	.25920	.09541
Stddev	.00200	.00170	.00073	.00208	.00046	.01258	.01195
%RSD	86.067	59.784	11.782	43.910	55.645	4.8530	12.523

#1	.00076	-.00302	.00538	.00549	.00030	.24894	.09935
#2	.00457	-.00107	.00664	.00238	.00114	.25543	.08198
#3	.00163	-.00446	.00666	.00632	.00104	.27323	.10488

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00023	51.848	.00113	-.00002	.00618	1.3883
Stddev	.00007	.00004	1.206	.00033	.00024	.00021	.0563
%RSD	223.01	18.633	2.3258	29.419	977.13	3.3422	4.0581

#1	-.00004	-.00023	52.727	.00105	.00007	.00608	1.4408
#2	-.00010	-.00027	50.473	.00085	-.00030	.00604	1.3288
#3	.00004	-.00019	52.344	.00150	.00015	.00641	1.3953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02512	7.5372	.00079	.00089	19.175	.00392	.02679
Stddev	.00046	.3588	.00017	.00033	.599	.00026	.00007
%RSD	1.8212	4.7607	21.281	37.395	3.1221	6.7222	.24590

#1	.02565	7.4489	.00069	.00087	19.527	.00362	.02673
#2	.02489	7.2308	.00069	.00124	18.484	.00403	.02686
#3	.02483	7.9320	.00098	.00057	19.514	.00411	.02678

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.454	.00251	.05234	5.2341	5.1318	.01161	.01493
Stddev	.715	.00016	.00592	.0276	.1245	.00094	.00283
%RSD	2.9218	6.3581	11.313	.52651	2.4266	8.0549	18.934

#1	24.830	.00266	.04569	5.2023	5.2314	.01138	.01169
#2	23.630	.00234	.05703	5.2487	4.9922	.01081	.01689
#3	24.903	.00253	.05431	5.2513	5.1718	.01264	.01621

Sample Name: K1269-06 Acquired: 1/30/2019 20:19:25 Type: Unk
Method: P4-ICP2(v2813) 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	.01518	1.668	.24502	3.2755	F<.00000
Stddev	.00255	.004	.00812	.0915	1.0100
%RSD	16.811	.2496	3.3143	2.7935	92.481
#1	.01431	1.669	.24738	3.2244	-.43437
#2	.01318	1.663	.23598	3.3811	-.58695
#3	.01805	1.671	.25170	3.2210	-2.2551
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3782.6	45834.	3945.1	11.371	4106.0
Stddev	4.4	254.	93.5	.985	14.3
%RSD	.11551	.55403	2.3695	8.6588	.34834
#1	3784.9	45554.	3869.3	10.265	4097.3
#2	3785.4	45902.	4049.6	11.697	4122.5
#3	3777.6	46048.	3916.6	12.151	4098.1

Sample Name: K1269-07 Acquired: 1/30/2019 20:23:51 Type: Unk
Method: P4-ICP2(v2813) 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	.00154	-.00068	.01139	.00903	-.00009	-.18601	.71589
Stddev	.00177	.00147	.00066	.00076	.00114	.00753	.00230
%RSD	115.16	215.65	5.8114	8.4314	1265.0	4.0474	.32191

#1	.00153	.00015	.01197	.00820	.00081	-.18492	.71630
#2	-.00023	.00018	.01067	.00918	-.00137	-.19402	.71796
#3	.00332	-.00238	.01153	.00970	.00029	-.17908	.71341

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00037	245.91	.00088	.00018	.00231	-.07845
Stddev	.00005	.00006	.42	.00028	.00030	.00010	.00028
%RSD	187.59	17.517	.17223	32.179	167.69	4.4390	.36074

#1	.00007	-.00030	245.45	.00078	.00002	.00224	-.07822
#2	.00003	-.00037	246.00	.00066	-.00001	.00243	-.07876
#3	-.00002	-.00043	246.28	.00119	.00053	.00226	-.07836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10447	56.296	.00241	.00027	164.39	.00455	.02467
Stddev	.00106	.107	.00021	.00020	.13	.00040	.00005
%RSD	1.0192	.18947	8.6782	72.595	.08156	8.8785	.19217

#1	.10566	56.398	.00265	.00005	164.33	.00497	.02464
#2	.10414	56.307	.00229	.00044	164.29	.00452	.02464
#3	.10361	56.185	.00229	.00033	164.54	.00416	.02472

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2482	.00048	.10533	F 36.099	F 15.807	-.00948	-.00361
Stddev	.0204	.00023	.00281	.102	.015	.00016	.00398
%RSD	.62645	48.307	2.6658	.28226	.09435	1.6651	110.28

#1	3.2248	.00074	.10338	36.080	15.821	-.00957	-.00421
#2	3.2580	.00044	.10855	36.209	15.792	-.00930	.00064
#3	3.2617	.00028	.10407	36.007	15.810	-.00957	-.00725

Sample Name: K1269-07 Acquired: 1/30/2019 20:23:51 Type: Unk
Method: P4-ICP2(v2813) 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	.02982	.0967	.44762	4.2085	F<.00000
Stddev	.00077	.0017	.00109	.0373	3.8125
%RSD	2.5724	1.755	.24250	.88735	50.627

#1	.03014	.0980	.44643	4.1895	-4.8993
#2	.03038	.0973	.44857	4.1843	-5.7897
#3	.02895	.0948	.44786	4.2515	-11.903

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3532.6	42512.	3787.2	11.382	3699.7
Stddev	18.6	138.	9.2	1.616	20.0
%RSD	.52542	.32536	.24351	14.194	.53970

#1	3511.8	42353.	3776.8	9.5795	3718.8
#2	3538.5	42582.	3794.3	11.867	3679.0
#3	3547.5	42602.	3790.4	12.699	3701.3

Sample Name: K1269-07DUP Acquired: 1/30/2019 20:28:15 Type: Unk
Method: P4-ICP2(v2813) 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	.00293	-.00186	.01204	.00389	.00034	-.18583	.71289
Stddev	.00023	.00160	.00158	.00097	.00108	.01238	.01620
%RSD	7.8154	86.127	13.115	25.000	320.81	6.6647	2.2718

#1	.00297	-.00274	.01215	.00501	.00146	-.17182	.69434
#2	.00313	-.00284	.01041	.00344	-.00068	-.19034	.72421
#3	.00268	-.00001	.01357	.00322	.00023	-.19533	.72011

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00037	246.25	.00048	.00034	.00247	-.07675
Stddev	.00003	.00008	3.28	.00027	.00022	.00030	.00261
%RSD	66.342	21.300	1.3303	54.701	64.305	12.265	3.3947

#1	-.00003	-.00046	242.55	.00059	.00058	.00273	-.07395
#2	-.00003	-.00037	247.43	.00068	.00028	.00214	-.07910
#3	-.00008	-.00030	248.77	.00018	.00016	.00254	-.07720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10481	55.971	.00260	.00053	163.46	.00471	.02686
Stddev	.00020	1.185	.00018	.00062	1.69	.00020	.00027
%RSD	.19009	2.1168	6.9712	115.89	1.0357	4.2479	1.0114

#1	.10464	54.649	.00269	-.00012	161.53	.00449	.02716
#2	.10476	56.936	.00240	.00110	164.17	.00487	.02679
#3	.10503	56.328	.00273	.00062	164.69	.00476	.02663

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2344	.00027	.10629	F 36.419	F 15.809	-.00935	-.00509
Stddev	.0680	.00035	.00467	.170	.068	.00027	.00149
%RSD	2.1032	127.67	4.3923	.46722	.42885	2.8744	29.228

#1	3.1683	.00051	.10698	36.601	15.732	-.00905	-.00452
#2	3.3042	-.00013	.11058	36.393	15.858	-.00941	-.00678
#3	3.2307	.00044	.10132	36.264	15.837	-.00958	-.00397

Sample Name: K1269-07DUP Acquired: 1/30/2019 20:28:15 Type: Unk
Method: P4-ICP2(v2813) 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	.03109	.0977	.44798	4.1863	F<.00000
Stddev	.00036	.0017	.00512	.0526	2.5388
%RSD	1.1642	1.696	1.1423	1.2558	22.133

#1	.03122	.0994	.44231	4.2348	-13.673
#2	.03068	.0976	.44936	4.1937	-12.045
#3	.03137	.0961	.45226	4.1304	-8.6937

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3558.5	42887.	3849.4	9.6139	3715.7
Stddev	22.2	30.	13.6	1.1008	13.3
%RSD	.62484	.07082	.35374	11.450	.35813

#1	3538.2	42871.	3862.3	10.263	3714.5
#2	3555.1	42922.	3850.8	8.3429	3703.0
#3	3582.3	42869.	3835.2	10.236	3729.5

Sample Name: K1269-07LX5 Acquired: 1/30/2019 20:32:40 Type: Unk
Method: P4-ICP2(v2813) 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	.00087	-.00085	.00245	.00322	-.00044	-.04383	.13965
Stddev	.00021	.00142	.00034	.00208	.00060	.00069	.00320
%RSD	24.427	167.83	13.787	64.565	136.36	1.5776	2.2896

#1	.00089	-.00117	.00232	.00323	-.00081	-.04307	.14315
#2	.00108	-.00208	.00283	.00114	.00025	-.04442	.13890
#3	.00065	.00071	.00219	.00530	-.00076	-.04400	.13689

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00022	50.838	-.00029	-.00014	.00005	-.01497
Stddev	.00003	.00005	.531	.00012	.00009	.00020	.00197
%RSD	65.280	20.961	1.0438	41.187	64.148	436.30	13.127

#1	.00005	-.00026	50.225	-.00040	-.00024	.00021	-.01271
#2	.00006	-.00024	51.159	-.00030	-.00010	-.00017	-.01589
#3	.00001	-.00017	51.128	-.00017	-.00007	.00009	-.01631

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02174	11.752	.00005	.00084	32.921	.00133	.00501
Stddev	.00016	.170	.00007	.00036	.353	.00031	.00007
%RSD	.74740	1.4464	148.98	43.148	1.0727	23.104	1.3197

#1	.02190	11.718	-.00003	.00045	32.864	.00143	.00507
#2	.02157	11.937	.00010	.00091	33.299	.00099	.00494
#3	.02174	11.602	.00006	.00116	32.599	.00158	.00502

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67240	.00004	.02662	7.0033	3.3550	-.00103	.00226
Stddev	.01901	.00023	.00236	.0181	.0294	.00047	.00144
%RSD	2.8267	561.75	8.8467	.25780	.87584	46.102	63.686

#1	.65089	.00026	.02594	7.0201	3.3496	-.00147	.00331
#2	.68692	-.00019	.02468	6.9842	3.3868	-.00053	.00062
#3	.67940	.00005	.02924	7.0056	3.3287	-.00108	.00286

Sample Name: K1269-07LX5 Acquired: 1/30/2019 20:32:40 Type: Unk
Method: P4-ICP2(v2813) 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	.00846	.0185	.09257	3.3329	F<.00000
Stddev	.00158	.0003	.00049	.0664	1.5840
%RSD	18.668	1.855	.53164	1.9920	23.027

#1	.00936	.0187	.09240	3.3904	-5.0571
#2	.00663	.0181	.09312	3.2603	-7.9312
#3	.00937	.0187	.09218	3.3481	-7.6482

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3824.3	45763.	3954.8	12.158	4112.8
Stddev	1.1	340.	30.0	1.011	4.7
%RSD	.02972	.74340	.75925	8.3166	.11352

#1	3823.6	45385.	3949.2	12.435	4112.4
#2	3823.7	46044.	3927.9	13.003	4108.3
#3	3825.6	45859.	3987.2	11.038	4117.6

Sample Name: K1269-07MS Acquired: 1/30/2019 20:37:06 Type: Unk
Method: P4-ICP2(v2813) 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	.00183	-.00134	.01516	.00637	.00064	-.21381	.80954
Stddev	.00135	.00055	.00146	.00145	.00254	.01612	.01054
%RSD	73.866	40.933	9.6135	22.731	393.85	7.5403	1.3019

#1	.00116	-.00089	.01391	.00494	.00269	-.19684	.81074
#2	.00094	-.00195	.01481	.00635	.00144	-.22892	.81943
#3	.00338	-.00118	.01676	.00783	-.00220	-.21567	.79845

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00035	278.66	.00069	.00018	.00319	-.08666
Stddev	.00007	.00009	2.64	.00035	.00015	.00054	.00276
%RSD	131.89	27.329	.94572	50.818	83.152	16.968	3.1792

#1	.00001	-.00041	276.00	.00030	.00002	.00341	-.08348
#2	-.00004	-.00024	281.27	.00081	.00031	.00258	-.08815
#3	-.00013	-.00039	278.71	.00097	.00020	.00359	-.08835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11767	63.533	.00275	.00041	186.68	.00535	.02780
Stddev	.00066	.573	.00012	.00012	.65	.00007	.00019
%RSD	.56365	.90183	4.2001	28.745	.34901	1.3207	.68427

#1	.11705	63.223	.00262	.00051	187.04	.00527	.02801
#2	.11837	64.194	.00285	.00028	187.07	.00541	.02763
#3	.11759	63.181	.00277	.00046	185.92	.00536	.02777

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6295	.00032	.11780	F 41.494	F 17.797	-.01065	-.00652
Stddev	.0161	.00016	.00414	.402	.138	.00104	.00187
%RSD	.44461	48.983	3.5143	.96938	.77529	9.7414	28.699

#1	3.6472	.00044	.12188	41.949	17.813	-.00981	-.00867
#2	3.6258	.00014	.11793	41.345	17.927	-.01181	-.00563
#3	3.6156	.00038	.11360	41.188	17.652	-.01032	-.00526

Sample Name: K1269-07MS Acquired: 1/30/2019 20:37:06 Type: Unk
Method: P4-ICP2(v2813) 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	.03250	.1114	.50703	4.2305	F<.00000
Stddev	.00180	.0026	.00399	.0640	2.1784
%RSD	5.5464	2.300	.78610	1.5136	20.459

#1	.03443	.1127	.50332	4.1592	-12.725
#2	.03087	.1085	.51124	4.2492	-8.3809
#3	.03219	.1131	.50654	4.2831	-10.836

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.1	42403.	3781.7	10.518	3608.7
Stddev	38.0	96.	21.7	1.299	23.5
%RSD	1.0900	.22592	.57460	12.349	.65070

#1	3450.9	42511.	3770.5	9.1987	3582.4
#2	3526.9	42369.	3767.8	10.559	3616.0
#3	3489.6	42328.	3806.7	11.795	3627.6

Sample Name: K1269-07MSD Acquired: 1/30/2019 20:41:30 Type: Unk
Method: P4-ICP2(v2813) 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	.00154	-.00103	.01295	.00590	-.00218	-.20937	.81143
Stddev	.00224	.00120	.00102	.00371	.00136	.00254	.00917
%RSD	145.88	116.73	7.8576	62.951	62.393	1.2119	1.1306

#1	.00390	-.00221	.01250	.01019	-.00254	-.20736	.80102
#2	-.00057	.00019	.01224	.00373	-.00067	-.20852	.81497
#3	.00128	-.00108	.01412	.00378	-.00331	-.21222	.81831

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00030	278.31	.00070	.00034	.00264	-.08547
Stddev	.00005	.00006	2.59	.00046	.00012	.00013	.00162
%RSD	463.92	19.464	.93222	65.186	36.275	4.8621	1.8950

#1	-.00005	-.00036	277.19	.00111	.00044	.00278	-.08414
#2	.00005	-.00026	276.46	.00021	.00020	.00252	-.08500
#3	.00003	-.00027	281.27	.00079	.00039	.00263	-.08727

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11760	63.544	.00298	.00057	184.72	.00533	.02720
Stddev	.00063	.609	.00025	.00023	.95	.00068	.00013
%RSD	.53333	.95796	8.5215	40.329	.51183	12.802	.48457

#1	.11701	62.853	.00276	.00076	185.04	.00481	.02714
#2	.11753	63.774	.00326	.00031	183.65	.00509	.02735
#3	.11826	64.003	.00292	.00063	185.46	.00611	.02711

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5996	.00029	.12303	F 41.116	F 17.727	-.01037	-.00505
Stddev	.0604	.00028	.00776	.237	.201	.00008	.00104
%RSD	1.6784	97.025	6.3079	.57695	1.1314	.77973	20.541

#1	3.5951	.00049	.12647	41.382	17.549	-.01036	-.00469
#2	3.5415	-.00003	.12848	41.040	17.687	-.01029	-.00622
#3	3.6621	.00040	.11415	40.926	17.944	-.01046	-.00425

Sample Name: K1269-07MSD Acquired: 1/30/2019 20:41:30 Type: Unk
Method: P4-ICP2(v2813) 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	.03699	.1097	.50591	4.3456	F<.00000
Stddev	.00154	.0021	.00346	.0522	1.7920
%RSD	4.1759	1.885	.68410	1.2024	19.369

#1	.03776	.1104	.50667	4.3750	-9.9214
#2	.03800	.1074	.50214	4.3765	-10.613
#3	.03521	.1114	.50894	4.2853	-7.2218

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3521.6	42385.	3806.4	10.713	3658.1
Stddev	6.8	119.	18.5	1.724	7.8
%RSD	.19273	.28162	.48533	16.096	.21220

#1	3514.3	42278.	3817.1	10.551	3649.4
#2	3522.9	42364.	3817.1	9.0746	3660.5
#3	3527.7	42514.	3785.1	12.512	3664.4

Sample Name: CCV08 Acquired: 1/30/2019 20:45:54 Type: Unk
Method: P4-ICP2(v2813) 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	4.9034	5.0336	5.0452	4.9398	5.0513	9.9098	9.1574	.25997
Stddev	.0073	.0118	.0055	.0013	.0146	.0233	.0934	.00066
%RSD	.14974	.23445	.10971	.02663	.28975	.23550	1.0203	.25233

#1	4.9077	5.0462	5.0514	4.9384	5.0547	9.9077	9.2542	.26067
#2	4.8949	5.0228	5.0410	4.9410	5.0640	9.8875	9.0678	.25937
#3	4.9076	5.0318	5.0431	4.9399	5.0353	9.9341	9.1503	.25988

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5522	26.887	1.0194	2.4732	1.2698	5.2890	2.6643	25.329
Stddev	.0044	.322	.0006	.0041	.0019	.0454	.0052	.236
%RSD	.17415	1.1991	.06210	.16612	.15289	.85796	.19666	.93067

#1	2.5568	27.072	1.0197	2.4778	1.2717	5.3217	2.6676	25.095
#2	2.5519	26.515	1.0187	2.4700	1.2699	5.2372	2.6583	25.327
#3	2.5479	27.075	1.0198	2.4717	1.2678	5.3082	2.6671	25.566

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4998	1.1975	24.239	2.5099	2.5442	23.558	4.9578	5.1453
Stddev	.0066	.0027	.181	.0045	.0029	.180	.0097	.0494
%RSD	.26309	.22948	.74567	.17716	.11393	.76471	.19598	.96023

#1	2.5056	1.1991	24.447	2.5083	2.5474	23.749	4.9640	5.1481
#2	2.5011	1.1991	24.148	2.5065	2.5436	23.391	4.9629	5.0946
#3	2.4926	1.1943	24.122	2.5149	2.5417	23.536	4.9466	5.1933

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0321	5.0632	4.9368	4.9829	4.9426	5.017	5.2549	F 3.7014
Stddev	.0491	.0473	.0057	.0262	.0521	.008	.0541	.0716
%RSD	.97569	.93425	.11639	.52553	1.0545	.1647	1.0299	1.9352

#1	5.0774	5.1009	4.9432	5.0035	4.9987	5.020	5.3125	3.7446
#2	4.9799	5.0101	4.9322	4.9534	4.8956	5.023	5.2051	3.7409
#3	5.0390	5.0787	4.9350	4.9916	4.9336	5.008	5.2472	3.6187

Sample Name: CCV08 Acquired: 1/30/2019 20:45:54 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.7552
 Stddev .7052
 %RSD 25.593

#1 2.0967
 #2 2.6697
 #3 3.4992

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3863.7	45707.	3990.2	11.009	3946.8
Stddev	6.5	174.	41.0	.680	8.6
%RSD	.16906	.38066	1.0264	6.1725	.21814

#1	3857.1	45514.	3946.7	11.264	3936.9
#2	3863.8	45755.	4028.0	10.239	3952.4
#3	3870.1	45852.	3995.9	11.525	3951.1

Sample Name: CCB08 Acquired: 1/30/2019 20:49:55 Type: Unk
Method: P4-ICP2(v2813) 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	.00083	.00014	-.00116	-.00002	.00055	-.01063	-.01129
Stddev	.00018	.00100	.00075	.00019	.00024	.00344	.00103
%RSD	22.053	714.81	64.793	857.60	42.837	32.389	9.1263

#1	.00062	.00128	-.00047	-.00023	.00076	-.00886	-.01248
#2	.00096	-.00053	-.00196	.00012	.00029	-.00844	-.01074
#3	.00090	-.00034	-.00106	.00005	.00060	-.01460	-.01065

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00002	-.00051	-.00007	-.00006	-.00075	-.00003
Stddev	.00003	.00008	.00777	.00030	.00008	.00030	.00301
%RSD	184.38	476.62	1513.3	451.95	124.73	40.103	9586.1

#1	.00002	-.00007	.00394	-.00023	-.00006	-.00041	.00333
#2	.00003	.00008	-.00949	.00028	.00002	-.00087	-.00095
#3	-.00001	-.00006	.00401	-.00026	-.00014	-.00097	-.00248

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00962	.00033	.00112	-.20049	-.00026	-.00005
Stddev	.00003	.06949	.00020	.00003	.00094	.00023	.00006
%RSD	4740.6	722.02	59.343	3.1147	.46885	90.202	121.35

#1	.00002	-.04465	.00022	.00110	-.20123	-.00050	-.00009
#2	-.00003	-.01442	.00056	.00115	-.19943	-.00024	-.00009
#3	.00001	.08794	.00021	.00109	-.20081	-.00003	.00002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05755	.00028	.00342	F -.02071	.00368	-.00020	.00533
Stddev	.03148	.00010	.00659	.01226	.00101	.00039	.00149
%RSD	54.703	37.143	192.55	59.162	27.516	197.75	27.993

#1	.06910	.00021	.01084	-.01937	.00452	.00012	.00701
#2	.08163	.00023	.00119	-.00919	.00397	-.00008	.00418
#3	.02193	.00040	-.00176	-.03359	.00255	-.00063	.00479

Sample Name: CCB08 Acquired: 1/30/2019 20:49:55 Type: Unk
 Method: P4-ICP2(v2813) 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	.00200	-.0004	-.00019	F 2.5831	F<.00000
Stddev	.00107	.0003	.00008	.0238	2.1982
%RSD	53.700	86.21	40.956	.92166	61.719
#1	.00111	-.0005	-.00013	2.5959	-5.8892
#2	.00169	-.0000	-.00027	2.5977	-3.2746
#3	.00319	-.0006	-.00015	2.5556	-1.5210
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4042.0	48588.	4088.6	12.079	4566.2
Stddev	4.6	98.	32.7	.743	5.3
%RSD	.11400	.20080	.79990	6.1511	.11670
#1	4039.4	48494.	4071.4	11.593	4569.9
#2	4047.3	48689.	4126.4	12.934	4568.6
#3	4039.2	48581.	4068.1	11.709	4560.1

Sample Name: K1269-07A Acquired: 1/30/2019 20:54:24 Type: Unk
Method: P4-ICP2(v2813) 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	.00117	-.00162	.01404	.00718	-.00015	-.20112	.80785
Stddev	.00321	.00048	.00107	.00219	.00170	.01454	.00340
%RSD	273.47	29.509	7.6316	30.502	1139.7	7.2274	.42071

#1	-.00245	-.00206	.01360	.00883	-.00195	-.21109	.80901
#2	.00368	-.00167	.01326	.00470	.00007	-.18444	.81052
#3	.00230	-.00111	.01526	.00801	.00143	-.20782	.80403

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00042	278.11	.00013	.00014	.00275	-.08637
Stddev	.00004	.00000	2.51	.00026	.00013	.00035	.00401
%RSD	126.18	.43699	.90083	200.38	93.912	12.875	4.6389

#1	-.00000	-.00042	275.23	.00029	.00004	.00307	-.08256
#2	-.00007	-.00042	279.26	-.00017	.00029	.00237	-.09055
#3	-.00001	-.00042	279.83	.00027	.00009	.00282	-.08601

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11764	63.449	.00287	.00059	186.86	.00542	.02706
Stddev	.00045	.830	.00026	.00010	1.09	.00046	.00008
%RSD	.38651	1.3080	9.0105	16.344	.58252	8.4912	.29725

#1	.11816	62.559	.00258	.00067	185.85	.00502	.02706
#2	.11735	63.589	.00307	.00061	186.71	.00532	.02698
#3	.11740	64.201	.00296	.00048	188.01	.00592	.02714

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6173	.00044	.12691	F 41.113	F 17.797	-.01041	-.00529
Stddev	.0242	.00023	.01294	.220	.091	.00073	.00236
%RSD	.66985	51.851	10.196	.53627	.51148	6.9792	44.608

#1	3.6446	.00053	.13949	41.367	17.724	-.00969	-.00646
#2	3.5983	.00060	.11364	40.969	17.767	-.01114	-.00258
#3	3.6090	.00018	.12760	41.003	17.899	-.01041	-.00684

Sample Name: K1269-07A Acquired: 1/30/2019 20:54:24 Type: Unk
Method: P4-ICP2(v2813) 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	.03524	.1114	.50606	4.2427	F<.00000
Stddev	.00484	.0011	.00389	.0561	1.9736
%RSD	13.739	.9680	.76892	1.3221	19.316

#1	.03214	.1124	.50157	4.1788	-11.772
#2	.03277	.1103	.50809	4.2657	-10.884
#3	.04082	.1116	.50851	4.2837	-7.9972

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3533.2	42577.	3804.8	11.804	3667.6
Stddev	24.4	38.	14.7	.486	19.7
%RSD	.69078	.08945	.38656	4.1204	.53783

#1	3507.0	42537.	3818.7	11.554	3646.1
#2	3537.4	42612.	3806.3	12.364	3671.9
#3	3555.2	42582.	3789.4	11.493	3684.8

Sample Name: K1269-08 Acquired: 1/30/2019 20:58:48 Type: Unk
Method: P4-ICP2(v2813) 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	-.00106	-.00144	.01207	.00995	-.00075	-.20489	.38363
Stddev	.00205	.00068	.00081	.00089	.00122	.02464	.00467
%RSD	192.56	46.985	6.6902	8.9716	161.94	12.024	1.2183

#1	-.00200	-.00213	.01299	.00906	.00035	-.20801	.37856
#2	-.00247	-.00141	.01172	.00992	-.00055	-.17884	.38777
#3	.00128	-.00078	.01150	.01085	-.00206	-.22782	.38456

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00035	270.48	.00034	.00196	.00319	-.06795
Stddev	.00004	.00008	1.67	.00013	.00022	.00027	.00459
%RSD	527.54	23.334	.61908	38.026	11.259	8.5937	6.7612

#1	-.00003	-.00032	269.43	.00019	.00199	.00299	-.06903
#2	-.00003	-.00029	269.60	.00042	.00172	.00351	-.06291
#3	.00003	-.00045	272.41	.00041	.00216	.00308	-.07191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42088	66.132	.00486	.00040	202.31	.00062	.02908
Stddev	.00040	.419	.00047	.00021	.43	.00045	.00013
%RSD	.09526	.63286	9.6550	52.968	.21290	71.661	.44093

#1	.42080	65.649	.00495	.00045	202.49	.00085	.02919
#2	.42052	66.386	.00435	.00017	201.82	.00011	.02894
#3	.42131	66.360	.00528	.00058	202.63	.00090	.02912

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5168	.00065	.12486	F 84.359	F 16.319	-.02008	-.00319
Stddev	.0441	.00033	.00419	.083	.091	.00075	.00369
%RSD	1.2533	50.375	3.3561	.09884	.55890	3.7329	115.43

#1	3.4707	.00095	.12815	84.307	16.214	-.02085	-.00405
#2	3.5586	.00030	.12630	84.455	16.370	-.02005	.00085
#3	3.5210	.00069	.12015	84.315	16.374	-.01936	-.00638

Sample Name: K1269-08 Acquired: 1/30/2019 20:58:48 Type: Unk
Method: P4-ICP2(v2813) 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	.03184	.0082	.52608	4.1415	F<.00000
Stddev	.00027	.0018	.00391	.0611	3.0992
%RSD	.83993	21.36	.74386	1.4755	26.942

#1	.03171	.0085	.52585	4.1308	-8.3151
#2	.03166	.0063	.52229	4.2073	-14.505
#3	.03215	.0098	.53010	4.0865	-11.689

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3528.5	42355.	3768.2	9.2587	3668.3
Stddev	5.0	92.	11.8	.7741	8.1
%RSD	.14065	.21710	.31244	8.3605	.22077

#1	3523.0	42253.	3781.8	8.3650	3659.1
#2	3532.6	42431.	3761.8	9.6982	3674.3
#3	3529.8	42382.	3761.1	9.7131	3671.5

Sample Name: K1269-09 Acquired: 1/30/2019 21:03:12 Type: Unk
Method: P4-ICP2(v2813) 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	.00013	-.00090	.01271	.01076	-.00059	-.18712	.43762
Stddev	.00205	.00075	.00176	.00222	.00121	.01137	.00425
%RSD	1547.5	83.291	13.874	20.624	205.09	6.0743	.97172

#1	-.00156	-.00143	.01245	.01216	-.00199	-.19032	.43305
#2	.00241	-.00122	.01459	.00820	.00003	-.17450	.43835
#3	-.00046	-.00004	.01109	.01191	.00018	-.19654	.44147

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00036	261.48	.00041	.00096	.00474	-.07882
Stddev	.00011	.00004	2.24	.00012	.00017	.00036	.00115
%RSD	471.77	9.8240	.85628	28.560	17.496	7.5206	1.4585

#1	-.00003	-.00037	262.99	.00039	.00088	.00480	-.07947
#2	-.00005	-.00032	258.91	.00054	.00115	.00506	-.07949
#3	.00015	-.00039	262.54	.00031	.00084	.00435	-.07749

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11596	64.685	.00174	.00053	223.12	.00499	.02170
Stddev	.00073	.191	.00038	.00036	2.04	.00052	.00005
%RSD	.62581	.29555	22.017	68.394	.91580	10.457	.21986

#1	.11519	64.567	.00186	.00017	225.01	.00440	.02171
#2	.11663	64.583	.00204	.00053	223.41	.00515	.02175
#3	.11605	64.906	.00131	.00089	220.95	.00541	.02166

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5547	.00018	.14628	F 46.598	F 15.053	-.01368	-.00180
Stddev	.0318	.00009	.01133	.114	.092	.00021	.00299
%RSD	.89455	52.381	7.7482	.24471	.61137	1.5063	166.40

#1	3.5624	.00023	.13375	46.730	15.128	-.01389	.00074
#2	3.5197	.00024	.14929	46.536	14.950	-.01348	-.00104
#3	3.5819	.00007	.15581	46.529	15.082	-.01366	-.00510

Sample Name: K1269-09 Acquired: 1/30/2019 21:03:12 Type: Unk
Method: P4-ICP2(v2813) 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	.03525	.0914	.53722	4.2980	F<.00000
Stddev	.00285	.0011	.00484	.0866	1.6343
%RSD	8.0929	1.249	.90038	2.0144	14.155

#1	.03229	.0925	.54117	4.2381	-11.421
#2	.03549	.0914	.53183	4.3973	-13.240
#3	.03798	.0902	.53866	4.2586	-9.9782

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3519.2	42348.	3789.8	11.302	3635.5
Stddev	9.3	287.	41.0	.479	4.4
%RSD	.26548	.67859	1.0822	4.2381	.12059

#1	3511.2	42604.	3746.6	11.259	3634.0
#2	3516.9	42037.	3828.1	11.802	3632.0
#3	3529.5	42403.	3794.7	10.846	3640.4

Sample Name: K1269-10 Acquired: 1/30/2019 21:07:43 Type: Unk
Method: P4-ICP2(v2813) 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	.01829	-.00357	.00806	.00669	-.00225	-.12470	.29616
Stddev	.00200	.00063	.00121	.00109	.00110	.00490	.00276
%RSD	10.940	17.761	14.959	16.332	48.890	3.9285	.93271

#1	.01664	-.00286	.00667	.00765	-.00352	-.12330	.29406
#2	.02052	-.00407	.00883	.00692	-.00166	-.13014	.29512
#3	.01771	-.00379	.00867	.00550	-.00157	-.12064	.29929

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00030	172.69	.00158	.00121	.00441	.00842
Stddev	.00004	.00004	1.78	.00026	.00037	.00026	.00183
%RSD	39.418	13.974	1.0288	16.569	30.441	5.8311	21.720

#1	-.00006	-.00029	170.65	.00175	.00079	.00415	.00641
#2	-.00014	-.00034	173.53	.00128	.00135	.00466	.00998
#3	-.00012	-.00026	173.90	.00173	.00149	.00443	.00888

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2374	37.325	.01537	.00125	309.25	.01964	.02275
Stddev	.0031	.260	.00030	.00036	3.38	.00052	.00002
%RSD	.13724	.69692	1.9561	28.584	1.0915	2.6374	.09419

#1	2.2381	37.025	.01515	.00139	306.57	.01909	.02275
#2	2.2400	37.487	.01571	.00084	313.04	.01971	.02274
#3	2.2340	37.462	.01523	.00151	308.15	.02011	.02278

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4376	.00871	.09731	F 85.641	9.6083	-.02824	-.00032
Stddev	.0566	.00009	.00623	.103	.1071	.00066	.00085
%RSD	.76095	.98194	6.3987	.12057	1.1141	2.3227	267.41

#1	7.3772	.00880	.09036	85.750	9.5155	-.02870	.00053
#2	7.4462	.00868	.09922	85.627	9.7254	-.02749	-.00117
#3	7.4894	.00864	.10236	85.544	9.5839	-.02852	-.00031

Sample Name: K1269-10 Acquired: 1/30/2019 21:07:43 Type: Unk
 Method: P4-ICP2(v2813) 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	.01994	.6455	.55210	4.3673	F<.00000
Stddev	.00471	.0017	.00570	.0769	3.3204
%RSD	23.616	.2699	1.0320	1.7609	29.242

#1	.01665	.6475	.54571	4.4547	-8.0882
#2	.01784	.6442	.55665	4.3371	-14.727
#3	.02533	.6447	.55394	4.3100	-11.250

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3572.3	42592.	3865.7	11.217	3702.6
Stddev	6.1	72.	40.7	.833	7.8
%RSD	.17139	.16909	1.0532	7.4229	.20964

#1	3569.9	42621.	3904.5	11.717	3700.1
#2	3567.8	42645.	3823.3	11.677	3696.4
#3	3579.3	42510.	3869.3	10.255	3711.3

Sample Name: K1269-11 Acquired: 1/30/2019 21:12:16 Type: Unk
Method: P4-ICP2(v2813) 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	-.00037	-.00039	.00939	.00726	-.00079	-.13530	.51836
Stddev	.00118	.00041	.00099	.00085	.00200	.00180	.00659
%RSD	320.50	104.61	10.570	11.670	252.65	1.3320	1.2711

#1	-.00056	-.00035	.01048	.00821	-.00010	-.13700	.51272
#2	.00090	-.00082	.00854	.00699	.00077	-.13548	.51677
#3	-.00144	-.00001	.00913	.00659	-.00305	-.13341	.52560

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00030	193.99	.00062	-.00015	.00143	-.05355
Stddev	.00004	.00011	.95	.00007	.00026	.00010	.00072
%RSD	105.64	36.657	.48773	10.691	173.01	7.2306	1.3525

#1	.00000	-.00033	193.48	.00060	-.00012	.00133	-.05356
#2	-.00008	-.00039	193.40	.00056	-.00042	.00153	-.05427
#3	-.00003	-.00018	195.08	.00069	.00009	.00144	-.05282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22367	39.054	.00171	.00020	275.16	.00064	.00908
Stddev	.00251	.200	.00009	.00037	1.45	.00011	.00007
%RSD	1.1211	.51186	5.5598	185.32	.52707	17.957	.80628

#1	.22656	38.833	.00180	.00004	276.03	.00060	.00908
#2	.22214	39.106	.00170	.00062	273.49	.00076	.00915
#3	.22230	39.223	.00161	-.00006	275.96	.00055	.00901

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7667	.00069	.11633	F 21.142	F 10.736	-.00439	-.00144
Stddev	.0083	.00032	.01662	.064	.021	.00046	.00319
%RSD	.21994	46.499	14.290	.30349	.19589	10.531	220.65

#1	3.7587	.00039	.09873	21.069	10.717	-.00433	.00154
#2	3.7752	.00066	.13177	21.173	10.758	-.00488	-.00108
#3	3.7661	.00103	.11849	21.186	10.732	-.00396	-.00480

Sample Name: K1269-11 Acquired: 1/30/2019 21:12:16 Type: Unk
Method: P4-ICP2(v2813) 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	.02196	.0098	.28881	4.1812	F<.00000
Stddev	.00149	.0007	.00207	.2145	.82177
%RSD	6.7777	7.513	.71782	5.1288	7.3488

#1	.02262	.0090	.28746	4.4005	-10.346
#2	.02025	.0103	.28777	4.1712	-11.988
#3	.02300	.0102	.29120	3.9719	-11.213

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3579.5	42493.	3797.7	10.733	3710.1
Stddev	18.5	523.	8.5	.393	18.9
%RSD	.51615	1.2297	.22334	3.6573	.50887

#1	3578.9	41894.	3806.5	10.301	3717.0
#2	3561.3	42734.	3797.0	10.832	3688.8
#3	3598.3	42852.	3789.6	11.067	3724.6

Sample Name: K1269-12 Acquired: 1/30/2019 21:16:51 Type: Unk
Method: P4-ICP2(v2813) 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	.00132	-.00130	.00262	.00236	-.00100	-.02690	.09546
Stddev	.00112	.00077	.00166	.00135	.00117	.00223	.00622
%RSD	84.941	58.876	63.309	57.220	117.66	8.2786	6.5146

#1	.00076	-.00173	.00400	.00281	.00022	-.02561	.09114
#2	.00260	-.00042	.00307	.00344	-.00109	-.02563	.09265
#3	.00059	-.00175	.00078	.00085	-.00212	-.02947	.10259

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00020	51.971	.00455	-.00004	.00904	.19236
Stddev	.00002	.00003	.689	.00032	.00009	.00032	.00387
%RSD	48.109	16.223	1.3255	7.1185	248.47	3.5092	2.0120

#1	-.00003	-.00023	51.794	.00436	-.00004	.00922	.19671
#2	-.00006	-.00020	52.731	.00436	.00006	.00867	.18928
#3	-.00002	-.00016	51.388	.00492	-.00012	.00922	.19110

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01458	7.5962	.00256	.00082	19.412	.00254	.01729
Stddev	.00004	.0272	.00024	.00006	.143	.00032	.00023
%RSD	.26875	.35738	9.5479	7.2658	.73640	12.419	1.3581

#1	.01454	7.5676	.00271	.00085	19.503	.00268	.01755
#2	.01462	7.5995	.00269	.00085	19.486	.00277	.01723
#3	.01458	7.6216	.00228	.00075	19.247	.00218	.01710

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.551	.00272	.05703	5.2227	4.7566	.00894	.00666
Stddev	.164	.00022	.01286	.0771	.0458	.00044	.00034
%RSD	.66868	8.1638	22.552	1.4760	.96255	4.8730	5.0961

#1	24.651	.00286	.07173	5.2364	4.7873	.00848	.00705
#2	24.642	.00246	.05153	5.2920	4.7785	.00935	.00652
#3	24.362	.00284	.04783	5.1397	4.7039	.00900	.00641

Sample Name: K1269-12 Acquired: 1/30/2019 21:16:51 Type: Unk
 Method: P4-ICP2(v2813) 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	.00976	1.425	.24369	3.2252	F<.00000
Stddev	.00146	.009	.00091	.1168	.36477
%RSD	14.986	.6424	.37500	3.6220	6.7223
#1	.00919	1.436	.24264	3.0972	-5.0386
#2	.01142	1.422	.24430	3.2523	-5.7627
#3	.00867	1.418	.24414	3.3260	-5.4776
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3831.9	46286.	3947.9	12.058	4161.2
Stddev	8.7	96.	52.6	.702	12.3
%RSD	.22603	.20800	1.3335	5.8190	.29481
#1	3823.4	46189.	3904.8	12.446	4148.8
#2	3831.7	46287.	3932.1	12.480	4161.3
#3	3840.7	46381.	4006.6	11.248	4173.4

Sample Name: K1274-01 Acquired: 1/30/2019 21:21:17 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WASTE-OIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	.00000	.00387	-.00085	-.00007	.03407	-.01142	.00002
Stddev	.00045	.00121	.00027	.00163	.00059	.00829	.00251	.00004
%RSD	70.714	127370.	6.8575	191.76	892.30	24.329	21.949	233.65

#1	.00078	.00139	.00417	.00084	-.00075	.02989	-.01400	.00005
#2	.00101	-.00077	.00377	-.00099	.00021	.02871	-.00900	-.00002
#3	.00013	-.00062	.00366	-.00240	.00034	.04362	-.01127	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.14785	.00166	-.00004	.00647	.05051	.00413	.13685
Stddev	.00005	.01789	.00007	.00013	.00017	.00407	.00005	.01156
%RSD	111.19	12.103	4.3829	314.21	2.6134	8.0500	1.1921	8.4507

#1	.00009	.13211	.00174	-.00001	.00662	.05463	.00419	.12572
#2	-.00001	.14413	.00164	-.00019	.00651	.04650	.00409	.13601
#3	.00005	.16732	.00160	.00007	.00629	.05039	.00412	.14881

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00156	.00116	-.18130	.00016	.02833	.03673	.00001	.01104
Stddev	.00027	.00004	.00999	.00012	.00015	.01376	.00012	.00547
%RSD	17.108	3.2831	5.5086	75.935	.51403	37.472	1360.9	49.578

#1	.00183	.00113	-.17748	.00024	.02846	.02300	.00013	.00951
#2	.00130	.00120	-.17379	.00021	.02834	.03666	.00001	.01712
#3	.00155	.00115	-.19263	.00002	.02817	.05052	-.00012	.00650

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06447	.01230	-.00045	.00417	-.00038	.0020	.00001	2.0981
Stddev	.01579	.00115	.00006	.00254	.00061	.0018	.00007	.0581
%RSD	24.494	9.3365	13.199	60.911	162.47	87.60	713.34	2.7693

#1	-.05125	.01111	-.00051	.00310	-.00081	.0033	.00008	2.0523
#2	-.08195	.01237	-.00039	.00707	.00033	.0027	.00001	2.0786
#3	-.06019	.01341	-.00045	.00234	-.00065	-.0000	-.00006	2.1635

Sample Name: K1274-01 Acquired: 1/30/2019 21:21:17 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WASTE-OIL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.3907
 %RSD 153.42

#1 -.38453
 #2 -2.4827
 #3 .14778

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4261.6	50868.	4204.0	12.807	4901.5
Stddev	13.9	35.	1.1	1.058	23.1
%RSD	.32551	.06833	.02580	8.2621	.47195

#1	4248.8	50891.	4202.7	13.748	4883.3
#2	4276.4	50885.	4204.5	13.011	4927.5
#3	4259.7	50828.	4204.7	11.661	4893.8

Sample Name: K1276-01-01 Acquired: 1/30/2019 21:25:46 Type: Unk
Method: P4-ICP2(v2813) 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	-.00077	-.00086	-.00169	.00039	.00039	.00029	-.01650
Stddev	.00141	.00028	.00095	.00175	.00057	.00642	.00557
%RSD	183.09	32.031	55.966	447.75	146.50	2217.5	33.750

#1	-.00239	-.00115	-.00255	.00240	-.00013	-.00322	-.02072
#2	.00003	-.00060	-.00184	-.00046	.00100	-.00361	-.01860
#3	.00006	-.00082	-.00068	-.00077	.00030	.00770	-.01019

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00007	.17495	.00080	.00022	-.00013	.00976
Stddev	.00004	.00010	.01329	.00025	.00014	.00044	.00084
%RSD	76.754	148.91	7.5976	31.657	66.245	328.48	8.6169

#1	.00005	.00005	.16421	.00108	.00037	.00032	.00989
#2	.00010	-.00002	.18982	.00059	.00010	-.00016	.01054
#3	.00002	.00018	.17083	.00072	.00018	-.00057	.00887

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00135	.05552	.00111	.00105	.19529	.00004	.03010
Stddev	.00006	.03773	.00021	.00039	.00408	.00021	.00021
%RSD	4.1294	67.964	18.935	37.330	2.0889	566.08	.71075

#1	.00141	.01846	.00088	.00104	.19118	.00027	.02986
#2	.00135	.09389	.00115	.00145	.19934	-.00012	.03025
#3	.00130	.05422	.00130	.00066	.19533	-.00004	.03019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04555	.00036	.00422	1.7162	.00744	.00003	.00556
Stddev	.02415	.00028	.00419	.0272	.00145	.00026	.00285
%RSD	53.003	77.776	99.500	1.5850	19.475	779.59	51.288

#1	.06633	.00016	-.00039	1.6940	.00753	-.00016	.00590
#2	.05127	.00023	.00781	1.7465	.00595	.00032	.00256
#3	.01906	.00068	.00523	1.7080	.00884	-.00006	.00823

Sample Name: K1276-01-01 Acquired: 1/30/2019 21:25:46 Type: Unk
Method: P4-ICP2(v2813) 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	.00002	.0073	.00046	2.6784	F<.00000
Stddev	.00178	.0013	.00002	.2558	2.6964
%RSD	11188.	18.24	4.0276	9.5503	43.079
#1	-.00049	.0068	.00044	2.9640	-7.2160
#2	.00199	.0062	.00048	2.6009	-8.3469
#3	-.00145	.0088	.00045	2.4704	-3.2150
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4034.6	48605.	4068.6	12.517	4631.3
Stddev	18.6	271.	51.6	.339	15.4
%RSD	.45999	.55832	1.2675	2.7107	.33143
#1	4019.7	48327.	4067.8	12.905	4628.4
#2	4028.7	48619.	4120.6	12.370	4617.7
#3	4055.4	48869.	4017.5	12.275	4648.0

Sample Name: K1282-04 Acquired: 1/30/2019 21:30:15 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00109	-.00285	.06171	.00361	.00067	.04516	.12683
Stddev	.00044	.00116	.00088	.00222	.00146	.00981	.00532
%RSD	40.327	40.612	1.4191	61.609	218.34	21.724	4.1914

#1	.00096	-.00403	.06076	.00109	-.00046	.03461	.12595
#2	.00158	-.00279	.06249	.00442	.00016	.05402	.12200
#3	.00073	-.00172	.06189	.00531	.00231	.04684	.13253

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00254	37.295	.00003	.00992	.01267	.05319
Stddev	.00002	.00005	.144	.00042	.00002	.00031	.00308
%RSD	642.53	2.0417	.38585	1213.0	.24839	2.4547	5.7839

#1	-.00002	.00249	37.308	-.00036	.00995	.01233	.05125
#2	.00002	.00259	37.145	-.00001	.00990	.01294	.05673
#3	.00000	.00253	37.432	.00047	.00991	.01275	.05157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56567	1.6612	.01514	.00099	312.73	-.00014	.24380
Stddev	.04466	.0029	.00069	.00032	3.34	.00020	.00307
%RSD	7.8955	.17503	4.5549	32.310	1.0686	136.95	1.2585

#1	.54151	1.6578	.01458	.00070	315.18	-.00033	.24032
#2	.61720	1.6630	.01591	.00134	314.08	.00006	.24495
#3	.53828	1.6627	.01493	.00095	308.92	-.00017	.24612

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0496	-.00012	.01957	.86733	1.1102	.00159	.00569
Stddev	.0283	.00025	.00760	.03109	.0122	.00046	.00115
%RSD	2.6947	218.49	38.846	3.5847	1.1003	28.805	20.150

#1	1.0327	-.00002	.01388	.83161	1.1135	.00107	.00639
#2	1.0823	.00007	.02820	.88830	1.1204	.00194	.00436
#3	1.0339	-.00040	.01663	.88207	1.0966	.00175	.00631

Sample Name: K1282-04 Acquired: 1/30/2019 21:30:15 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00575	.0009	.24723	4.2187	F<.00000
Stddev	.00117	.0011	.00217	.6948	1.4234
%RSD	20.379	122.3	.87771	16.470	15.385
#1	.00538	.0018	.24919	3.9049	-7.6256
#2	.00481	.0012	.24762	5.0151	-9.8565
#3	.00707	-.0003	.24490	3.7361	-10.272
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3760.0	42537.	3897.7	10.421	3898.9
Stddev	49.2	2829.	31.9	.778	50.0
%RSD	1.3082	6.6501	.81727	7.4688	1.2836
#1	3813.6	43995.	3870.6	10.223	3955.0
#2	3717.0	39277.	3889.6	9.7614	3883.2
#3	3749.4	44340.	3932.8	11.280	3858.6

Sample Name: K1282-04DUP Acquired: 1/30/2019 21:34:49 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	-.00249	.06315	.00332	.00104	.04017	.12125
Stddev	.00201	.00169	.00033	.00039	.00053	.00241	.00127
%RSD	276.30	67.940	.51880	11.687	50.645	5.9913	1.0438

#1	-.00073	-.00153	.06342	.00372	.00077	.04025	.11999
#2	.00128	-.00445	.06325	.00295	.00165	.03772	.12252
#3	-.00274	-.00150	.06278	.00327	.00070	.04254	.12122

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00267	37.003	-.00029	.00999	.01313	.04755
Stddev	.00003	.00006	.151	.00055	.00015	.00057	.00375
%RSD	62.156	2.1700	.40724	186.20	1.4953	4.3368	7.8811

#1	.00004	.00264	36.841	.00014	.00982	.01375	.04558
#2	.00002	.00262	37.028	-.00091	.01010	.01264	.05187
#3	.00007	.00273	37.139	-.00011	.01006	.01298	.04520

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53982	1.6931	.01511	.00095	313.94	-.00016	.24573
Stddev	.00034	.0184	.00025	.00042	1.51	.00025	.00205
%RSD	.06281	1.0886	1.6373	43.926	.48024	154.82	.83296

#1	.54016	1.6777	.01499	.00086	312.58	.00009	.24806
#2	.53983	1.6881	.01494	.00059	313.67	-.00041	.24492
#3	.53948	1.7135	.01539	.00141	315.56	-.00016	.24421

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0381	.00004	.01436	.88272	1.1001	.00172	.00322
Stddev	.0267	.00004	.00862	.01386	.0179	.00034	.00038
%RSD	2.5697	110.85	60.038	1.5698	1.6259	19.903	11.758

#1	1.0086	.00007	.01869	.89869	1.0804	.00195	.00302
#2	1.0606	.00005	.00443	.87382	1.1153	.00188	.00365
#3	1.0451	-.00001	.01997	.87566	1.1046	.00133	.00298

Sample Name: K1282-04DUP Acquired: 1/30/2019 21:34:49 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01116	.0018	.24764	3.6926	F<.00000
Stddev	.00171	.0004	.00146	.0393	2.2420
%RSD	15.367	23.03	.58850	1.0631	28.383

#1	.01224	.0013	.24653	3.6934	-7.5878
#2	.00918	.0018	.24709	3.7315	-5.8289
#3	.01205	.0021	.24929	3.6530	-10.280

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3749.5	44361.	3952.7	11.260	3886.9
Stddev	10.9	96.	41.5	.932	19.4
%RSD	.28974	.21661	1.0503	8.2813	.49926

#1	3737.0	44293.	4000.7	10.559	3869.1
#2	3754.9	44319.	3928.9	12.318	3884.0
#3	3756.6	44471.	3928.6	10.902	3907.6

Sample Name: CCV09 Acquired: 1/30/2019 21:39:23 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14499 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9334	5.0189	5.0453	4.9635	5.0450	9.7812	9.1610	.25769
Stddev	.0091	.0070	.0041	.0047	.0061	.0792	.0464	.00112
%RSD	.18517	.14052	.08070	.09515	.12025	.80934	.50640	.43404
#1	4.9279	5.0194	5.0469	4.9681	5.0512	9.7344	9.1286	.25647
#2	4.9284	5.0116	5.0407	4.9636	5.0391	9.7366	9.2142	.25793
#3	4.9440	5.0257	5.0484	4.9587	5.0446	9.8727	9.1403	.25867
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5539	26.664	1.0141	2.4776	1.2706	5.2911	2.6392	25.228
Stddev	.0040	.162	.0067	.0030	.0030	.0414	.0102	.047
%RSD	.15666	.60805	.66013	.11940	.23523	.78241	.38799	.18701
#1	2.5553	26.566	1.0069	2.4793	1.2722	5.2596	2.6275	25.264
#2	2.5494	26.851	1.0152	2.4742	1.2672	5.3380	2.6440	25.247
#3	2.5570	26.574	1.0202	2.4793	1.2724	5.2756	2.6462	25.175
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5027	1.2014	24.161	2.5042	2.5501	23.734	4.9581	5.0957
Stddev	.0022	.0046	.089	.0086	.0045	.125	.0056	.0239
%RSD	.08649	.38197	.36900	.34529	.17674	.52651	.11305	.46835
#1	2.5046	1.1989	24.079	2.4947	2.5536	23.645	4.9628	5.0704
#2	2.5003	1.1985	24.256	2.5061	2.5450	23.877	4.9519	5.0989
#3	2.5031	1.2067	24.148	2.5116	2.5517	23.679	4.9596	5.1178
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0227	5.0316	4.9523	4.9439	4.9448	5.017	5.2350	F 3.4870
Stddev	.0464	.0322	.0090	.0232	.0386	.007	.0309	.0546
%RSD	.92400	.64047	.18262	.46951	.78051	.1469	.58985	1.5655
#1	4.9802	5.0133	4.9609	4.9330	4.9120	5.021	5.2043	3.4754
#2	5.0159	5.0688	4.9429	4.9706	4.9873	5.022	5.2661	3.5464
#3	5.0722	5.0127	4.9531	4.9282	4.9352	5.009	5.2346	3.4391

Sample Name: CCV09 Acquired: 1/30/2019 21:39:23 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14499 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.8974
Stddev	1.3792
%RSD	35.388

#1	2.3375
#2	4.9550
#3	4.3998

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3884.2	46224.	4014.0	11.702	3961.0
Stddev	7.9	121.	32.1	.940	9.7
%RSD	.20221	.26178	.80089	8.0356	.24567

#1	3875.5	46352.	4025.7	10.663	3949.8
#2	3886.5	46111.	3977.7	12.495	3965.9
#3	3890.6	46209.	4038.7	11.946	3967.2

Sample Name: CCB09 Acquired: 1/30/2019 21:43:23 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14499 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00051	-.00259	-.00120	.00021	-.00994	-.00979
Stddev	.00212	.00097	.00108	.00530	.00023	.00743	.00119
%RSD	19389.	190.33	41.643	442.96	111.08	74.715	12.165

#1	-.00229	.00015	-.00138	.00457	.00047	-.00947	-.01104
#2	.00190	-.00023	-.00345	-.00229	.00012	-.00276	-.00966
#3	.00042	.00162	-.00295	-.00587	.00003	-.01760	-.00867

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00000	-.00734	.00025	-.00008	-.00100	-.00038
Stddev	.00003	.00004	.01521	.00016	.00017	.00036	.00155
%RSD	201.34	1442.2	207.29	65.554	198.82	35.499	411.35

#1	.00000	-.00004	-.02271	.00026	.00011	-.00110	-.00064
#2	-.00005	-.00000	.00771	.00041	-.00015	-.00130	.00129
#3	.00000	.00003	-.00702	.00008	-.00021	-.00061	-.00177

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.04005	.00011	.00098	-.15786	.00025	-.00013
Stddev	.00003	.01157	.00013	.00015	.01501	.00004	.00009
%RSD	92.181	28.900	117.68	15.046	9.5083	13.924	69.074

#1	-.00006	.04452	-.00004	.00096	-.17519	.00022	-.00022
#2	-.00004	.04871	.00016	.00085	-.14959	.00029	-.00013
#3	.00000	.02690	.00021	.00114	-.14881	.00025	-.00004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01712	.00006	.00495	F -.03394	.00157	.00034	.00383
Stddev	.03001	.00021	.01028	.01365	.00153	.00051	.00327
%RSD	175.29	365.26	207.67	40.201	97.566	149.77	85.529

#1	.04530	.00007	.01495	-.02325	.00334	.00083	.00515
#2	.02050	.00027	-.00558	-.04931	.00070	-.00018	.00010
#3	-.01444	-.00016	.00548	-.02927	.00067	.00037	.00623

Sample Name: CCB09 Acquired: 1/30/2019 21:43:23 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14499 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00357	-.0005	-.00009	F 2.3845	F<.00000
Stddev	.00236	.0008	.00009	.0418	.38512
%RSD	66.097	160.1	94.458	1.7526	11.185

#1	.00189	-.0005	.00001	2.3678	-3.6224
#2	.00626	.0003	-.00014	2.3537	-3.0012
#3	.00255	-.0014	-.00015	2.4321	-3.7062

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4094.9	48991.	4077.3	12.098	4619.7
Stddev	1.7	221.	53.7	.956	7.7
%RSD	.04086	.45156	1.3162	7.9038	.16628

#1	4094.4	48753.	4027.5	13.186	4613.0
#2	4096.8	49030.	4070.3	11.391	4618.1
#3	4093.6	49190.	4134.2	11.718	4628.1

Sample Name: K1282-04LX5 Acquired: 1/30/2019 21:47:52 Type: Unk
Method: P4-ICP2(v2813) 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	-.00010	-.00181	.01254	-.00090	.00158	-.00233	.01329
Stddev	.00126	.00026	.00038	.00135	.00087	.01071	.00063
%RSD	1201.7	14.472	3.0291	151.12	55.085	459.28	4.7115

#1	-.00149	-.00175	.01249	-.00066	.00175	-.00912	.01346
#2	.00097	-.00159	.01294	.00032	.00235	-.00788	.01260
#3	.00021	-.00210	.01219	-.00235	.00064	.01001	.01382

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00043	7.6877	-.00011	.00212	.00234	.01521
Stddev	.00001	.00002	.0800	.00047	.00033	.00035	.00265
%RSD	80.413	4.0531	1.0407	437.41	15.478	14.894	17.394

#1	-.00003	.00042	7.6117	-.00033	.00243	.00212	.01390
#2	-.00002	.00043	7.6801	-.00042	.00178	.00217	.01826
#3	-.00000	.00045	7.7712	.00043	.00215	.00275	.01348

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11597	.39018	.00268	.00091	66.503	-.00006	.04981
Stddev	.00080	.01458	.00031	.00013	.187	.00020	.00052
%RSD	.69192	3.7368	11.483	13.946	.28149	362.41	1.0487

#1	.11545	.40701	.00244	.00105	66.443	.00017	.04946
#2	.11556	.38128	.00256	.00086	66.353	-.00023	.05041
#3	.11689	.38226	.00302	.00082	66.713	-.00011	.04956

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21427	.00010	.00536	.13392	.24009	.00083	.00528
Stddev	.01967	.00016	.00868	.01850	.00329	.00029	.00223
%RSD	9.1812	165.95	162.06	13.815	1.3710	34.847	42.317

#1	.19160	-.00009	.00413	.12089	.23664	.00111	.00532
#2	.22443	.00020	-.00264	.15510	.24320	.00053	.00749
#3	.22679	.00018	.01459	.12578	.24042	.00085	.00303

Sample Name: K1282-04LX5 Acquired: 1/30/2019 21:47:52 Type: Unk
Method: P4-ICP2(v2813) 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	.00379	-.0005	.05101	2.8078	F<.00000
Stddev	.00374	.0008	.00012	.1249	1.6806
%RSD	98.565	152.0	.23962	4.4499	26.608

#1	-.00038	.0003	.05097	2.9514	-6.6216
#2	.00493	-.0013	.05091	2.7484	-7.8231
#3	.00683	-.0007	.05114	2.7237	-4.5037

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3965.5	47163.	4080.2	12.033	4223.8
Stddev	10.6	104.	19.2	1.029	2.7
%RSD	.26749	.21968	.47069	8.5502	.06341

#1	3965.2	47056.	4091.4	12.239	4221.0
#2	3955.1	47169.	4058.0	12.943	4226.3
#3	3976.3	47263.	4091.1	10.916	4223.9

Sample Name: K1282-04MS Acquired: 1/30/2019 21:52:18 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77413	1.8255	.99630	1.9621	.76511	2.0098	.30962	.20410	.19729
Stddev	.00463	.0112	.00217	.0143	.00553	.0293	.00351	.00027	.00054
%RSD	.59851	.61462	.21732	.73107	.72254	1.4565	1.1333	.13431	.27207
#1	.77732	1.8353	.99877	1.9644	.76340	1.9763	.30939	.20385	.19790
#2	.77624	1.8278	.99539	1.9751	.77129	2.0233	.31324	.20439	.19693
#3	.76881	1.8132	.99473	1.9467	.76064	2.0300	.30624	.20407	.19703
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.374	.40139	.20247	.30010	3.1042	.75830	3.7067	.49743	.07031
Stddev	.240	.00061	.00122	.00094	.0160	.00020	.0206	.00147	.00013
%RSD	.60978	.15119	.60022	.31401	.51606	.02634	.55607	.29550	.18640
#1	39.156	.40131	.20342	.29970	3.1227	.75825	3.7179	.49911	.07039
#2	39.335	.40082	.20289	.30118	3.0965	.75852	3.6829	.49639	.07039
#3	39.631	.40203	.20110	.29943	3.0936	.75813	3.7193	.49679	.07016
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	323.86	.30364	.45722	10.651	.39378	.31795	.85008	2.0153	.66489
Stddev	3.24	.00024	.00171	.039	.00101	.00439	.02798	.0157	.00195
%RSD	.99947	.07980	.37373	.36614	.25696	1.3821	3.2917	.77882	.29331
#1	326.72	.30360	.45890	10.614	.39436	.32301	.88237	2.0315	.66394
#2	324.50	.30342	.45728	10.691	.39435	.31572	.83491	2.0145	.66713
#3	320.35	.30390	.45548	10.648	.39261	.31512	.83296	2.0001	.66359
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20052	.20216	5.815	.44874	3.8986	11.550			
Stddev	.00554	.00068	.032	.00127	.0400	1.665			
%RSD	2.7636	.33782	.5473	.28405	1.0265	14.415			
#1	.19702	.20243	5.843	.44968	3.9356	11.370			
#2	.19764	.20267	5.822	.44729	3.9040	13.298			
#3	.20691	.20139	5.780	.44925	3.8562	9.9824			

Sample Name: K1282-04MS Acquired: 1/30/2019 21:52:18 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1MS 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	3706.6	44011.	3912.4	10.810	3824.8
Stddev	16.2	55.	32.8	1.065	16.6
%RSD	.43812	.12485	.83718	9.8554	.43372
#1	3703.7	43956.	3874.7	9.5859	3807.1
#2	3692.0	44013.	3928.8	11.314	3827.5
#3	3724.1	44066.	3933.8	11.529	3839.9

Sample Name: K1282-04MSD Acquired: 1/30/2019 21:56:33 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77170	1.8329	1.0005	1.9542	.76495	1.9939	.32244	.20381	.19769
Stddev	.00298	.0083	.0068	.0147	.00381	.0298	.01144	.00039	.00160
%RSD	.38634	.45195	.67524	.75181	.49746	1.4924	3.5485	.19165	.80900

#1	.77501	1.8424	1.0083	1.9686	.76875	1.9629	.32028	.20401	.19917
#2	.77083	1.8272	.99647	1.9392	.76497	2.0223	.33481	.20336	.19600
#3	.76924	1.8292	.99672	1.9549	.76114	1.9966	.31223	.20406	.19791

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.709	.40290	.20239	.30033	3.1738	.75989	3.7221	.49850	.06991
Stddev	.967	.00140	.00163	.00151	.0318	.00148	.0663	.00355	.00013
%RSD	2.4350	.34709	.80385	.50171	1.0030	.19443	1.7818	.71260	.18041

#1	39.084	.40129	.20426	.30206	3.1578	.75908	3.6808	.50217	.06987
#2	40.823	.40385	.20157	.29963	3.2105	.75900	3.7986	.49508	.06981
#3	39.220	.40356	.20134	.29931	3.1531	.76160	3.6869	.49825	.07005

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	326.19	.30513	.45707	10.782	.39403	.32151	.83933	2.0489	.66766
Stddev	3.34	.00065	.00090	.196	.00312	.01424	.02692	.0262	.00514
%RSD	1.0250	.21348	.19799	1.8161	.79135	4.4302	3.2073	1.2784	.77027

#1	329.10	.30440	.45799	10.651	.39680	.31286	.86463	2.0380	.67326
#2	322.54	.30565	.45618	11.007	.39463	.33795	.81104	2.0788	.66314
#3	326.95	.30535	.45705	10.688	.39065	.31371	.84232	2.0300	.66659

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20339	.20346	5.807	.45174	3.8823	15.366
Stddev	.00536	.00525	.024	.00801	.0413	.792
%RSD	2.6343	2.5816	.4112	1.7723	1.0647	5.1571

#1	.20396	.20091	5.834	.44455	3.8664	15.017
#2	.20844	.20950	5.788	.46037	3.8512	14.808
#3	.19777	.19996	5.801	.45029	3.9292	16.273

Sample Name: K1282-04MSD Acquired: 1/30/2019 21:56:33 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1MSD 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	3701.1	43849.	3827.1	10.847	3817.6
Stddev	8.0	94.	51.3	.510	15.4
%RSD	.21581	.21350	1.3400	4.7000	.40332
#1	3692.4	43922.	3845.3	10.752	3802.5
#2	3702.7	43743.	3769.2	11.398	3833.3
#3	3708.1	43882.	3866.8	10.392	3817.0

Sample Name: K1282-04A Acquired: 1/30/2019 22:00:48 Type: Unk
Method: P4-ICP2(v2813) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76994	1.8352	1.0048	1.9464	.76420	1.9474	.32264	.20489	.19870
Stddev	.00735	.0058	.0019	.0105	.00504	.0207	.00457	.00005	.00076
%RSD	.95432	.31371	.19200	.54157	.65966	1.0642	1.4157	.02321	.38460
#1	.76388	1.8370	1.0049	1.9383	.75845	1.9477	.32700	.20484	.19928
#2	.77811	1.8288	1.0029	1.9583	.76790	1.9265	.32302	.20491	.19783
#3	.76784	1.8399	1.0067	1.9425	.76624	1.9679	.31789	.20493	.19897
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.625	.40390	.20356	.30119	3.2410	.75937	3.7666	.50096	.06970
Stddev	.158	.00115	.00116	.00188	.0259	.00096	.0682	.00043	.00114
%RSD	.39967	.28410	.56746	.62266	.79826	.12690	1.8093	.08601	1.6301
#1	39.747	.40282	.20368	.29926	3.2686	.76040	3.8450	.50134	.06979
#2	39.446	.40510	.20235	.30301	3.2373	.75920	3.7333	.50049	.06852
#3	39.682	.40377	.20465	.30130	3.2172	.75850	3.7215	.50104	.07079
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	327.46	.30562	.45750	10.651	.39513	.32109	.86158	2.0829	.67062
Stddev	1.85	.00061	.00176	.029	.00279	.00842	.02243	.0146	.00246
%RSD	.56380	.19928	.38560	.27351	.70512	2.6214	2.6039	.70028	.36641
#1	329.59	.30608	.45894	10.673	.39370	.32415	.84327	2.0994	.67243
#2	326.41	.30586	.45553	10.618	.39834	.31158	.85487	2.0717	.66783
#3	326.37	.30493	.45803	10.662	.39335	.32756	.88661	2.0776	.67162
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20195	.20448	5.821	.45204	4.0960	14.572			
Stddev	.00374	.00225	.020	.00228	.0665	.924			
%RSD	1.8497	1.1022	.3375	.50512	1.6226	6.3403			
#1	.20596	.20515	5.843	.45398	4.1593	15.633			
#2	.19856	.20197	5.805	.44952	4.1019	14.144			
#3	.20133	.20633	5.814	.45261	4.0268	13.941			

Sample Name: K1282-04A Acquired: 1/30/2019 22:00:48 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI 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	3669.0	43337.	3721.0	11.805	3777.6
Stddev	10.1	128.	26.5	.850	26.8
%RSD	.27488	.29503	.71186	7.2025	.70977
#1	3680.2	43442.	3692.3	11.366	3761.0
#2	3666.0	43194.	3726.1	12.785	3808.5
#3	3660.7	43375.	3744.5	11.264	3763.2

Sample Name: K1282-08 Acquired: 1/30/2019 22:05:03 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00777	.00011	.07382	.00304	.00293	.06113	.20439	.00010
Stddev	.00017	.00041	.00030	.00265	.00133	.01356	.00362	.00014
%RSD	2.1351	363.89	.40664	87.174	45.208	22.187	1.7703	141.10

#1	.00768	-.00014	.07405	.00045	.00267	.06176	.20778	.00010
#2	.00766	-.00011	.07392	.00575	.00437	.07436	.20481	.00024
#3	.00796	.00059	.07348	.00293	.00176	.04726	.20058	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	20.515	-.00018	.01055	.00280	13.777	.89432	2.4079
Stddev	.00006	.116	.00031	.00011	.00033	.035	.00077	.0340
%RSD	8.9666	.56429	168.89	1.0762	11.711	.25288	.08580	1.4139

#1	-.00068	20.388	.00012	.01061	.00275	13.745	.89373	2.4188
#2	-.00078	20.542	-.00050	.01062	.00250	13.814	.89519	2.4351
#3	-.00067	20.615	-.00016	.01042	.00315	13.773	.89405	2.3697

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02279	.00050	313.79	.00040	.34985	.71278	.00010	.02220
Stddev	.00007	.00040	1.77	.00034	.00015	.00756	.00013	.00460
%RSD	.30376	80.444	.56330	83.522	.04270	1.0610	129.91	20.708

#1	.02272	.00094	312.09	.00007	.34993	.70408	.00002	.02035
#2	.02280	.00041	315.61	.00039	.34968	.71773	.00004	.01882
#3	.02286	.00015	313.66	.00074	.34994	.71654	.00025	.02744

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19686	1.0034	.00194	.00421	.01031	.0119	.10138	3.7527
Stddev	.01737	.0162	.00019	.00136	.00058	.0010	.00045	.1465
%RSD	8.8242	1.6144	9.9021	32.416	5.5999	8.821	.44032	3.9025

#1	.20875	1.0055	.00178	.00491	.01034	.0110	.10109	3.6255
#2	.17692	1.0185	.00215	.00508	.00971	.0130	.10115	3.7198
#3	.20490	.98629	.00187	.00264	.01087	.0116	.10189	3.9128

Sample Name: K1282-08 Acquired: 1/30/2019 22:05:03 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	41.390
Stddev	4.508
%RSD	10.892

#1	40.044
#2	46.418
#3	37.709

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3687.1	43804.	3815.0	11.455	3829.8
Stddev	12.1	165.	14.2	1.073	8.7
%RSD	.32927	.37754	.37148	9.3652	.22720

#1	3701.1	43964.	3818.2	10.489	3819.8
#2	3679.0	43633.	3799.5	11.266	3833.7
#3	3681.3	43814.	3827.3	12.609	3835.8

Sample Name: K1282-12 Acquired: 1/30/2019 22:09:36 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00180	.01522	-.00102	.00164	.04213	.11921
Stddev	.00113	.00255	.00058	.00183	.00072	.00962	.00974
%RSD	795.71	141.83	3.8273	179.25	43.822	22.825	8.1734

#1	.00079	.00008	.01459	.00109	.00096	.04328	.12491
#2	-.00116	-.00471	.01531	-.00206	.00239	.05112	.12477
#3	.00079	-.00077	.01575	-.00210	.00157	.03199	.10796

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00005	9.8453	-.00003	.00113	.00509	.07629
Stddev	.00005	.00006	.1472	.00037	.00035	.00029	.00325
%RSD	1779.9	124.83	1.4955	1139.3	31.150	5.7776	4.2591

#1	.00002	-.00000	9.7750	.00008	.00121	.00475	.07963
#2	.00003	-.00012	10.015	-.00044	.00143	.00526	.07314
#3	-.00006	-.00003	9.7465	.00027	.00074	.00526	.07612

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10397	.75511	.00289	.00038	317.51	.00059	.12284
Stddev	.00014	.07140	.00033	.00061	3.46	.00018	.00075
%RSD	.13420	9.4552	11.402	159.77	1.0884	31.111	.61187

#1	.10392	.78759	.00251	.00083	321.35	.00038	.12292
#2	.10386	.67325	.00312	-.00031	314.64	.00073	.12355
#3	.10412	.80449	.00304	.00063	316.55	.00066	.12205

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49589	.00020	.01036	.20723	.53568	.00115	.00594
Stddev	.01380	.00001	.00616	.01553	.00211	.00095	.00254
%RSD	2.7833	7.1519	59.466	7.4932	.39372	82.582	42.823

#1	.48075	.00020	.00964	.22088	.53490	.00222	.00528
#2	.49914	.00018	.00459	.19033	.53407	.00084	.00875
#3	.50777	.00021	.01684	.21046	.53806	.00040	.00379

Sample Name: K1282-12 Acquired: 1/30/2019 22:09:36 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01056	.0184	.05930	3.9319	F<.00000
Stddev	.00419	.0012	.00154	.1356	1.3760
%RSD	39.636	6.329	2.5982	3.4495	14.997
#1	.00905	.0196	.05840	3.8203	-10.527
#2	.01529	.0181	.06108	3.8926	-9.2236
#3	.00734	.0174	.05842	4.0829	-7.7761
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3690.4	42991.	3753.7	10.044	3817.1
Stddev	22.2	274.	21.9	.443	13.0
%RSD	.60106	.63841	.58452	4.4140	.34150
#1	3665.7	43282.	3732.8	10.555	3806.1
#2	3708.5	42954.	3776.5	9.8205	3813.6
#3	3697.0	42736.	3751.8	9.7568	3831.5

Sample Name: K1282-16 Acquired: 1/30/2019 22:14:11 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	-.00224	.01014	.00251	.00213	.03751	.10400
Stddev	.00102	.00112	.00047	.00104	.00040	.00634	.00268
%RSD	60.219	50.020	4.6630	41.338	18.959	16.892	2.5816

#1	.00235	-.00309	.01067	.00131	.00194	.04107	.10289
#2	.00052	-.00264	.00996	.00308	.00259	.03019	.10706
#3	.00221	-.00097	.00978	.00314	.00185	.04127	.10205

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00003	8.4484	.00040	.00056	.00594	.02468
Stddev	.00003	.00006	.0394	.00078	.00006	.00042	.00113
%RSD	189.97	231.94	.46574	196.27	10.647	7.1534	4.5751

#1	-.00004	.00005	8.4112	.00130	.00049	.00547	.02584
#2	-.00003	-.00004	8.4896	.00002	.00061	.00605	.02358
#3	.00002	.00007	8.4445	-.00012	.00056	.00629	.02462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03660	.55264	.00259	.00089	333.36	.00052	.09721
Stddev	.00022	.06736	.00020	.00031	3.56	.00016	.00039
%RSD	.58893	12.189	7.7876	34.846	1.0665	31.220	.40189

#1	.03685	.55255	.00255	.00054	335.14	.00059	.09700
#2	.03650	.62005	.00281	.00103	335.68	.00063	.09698
#3	.03646	.48533	.00242	.00111	329.27	.00033	.09767

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36744	.00010	.01240	.10006	.56019	.00238	.00597
Stddev	.01972	.00012	.00707	.01970	.01541	.00062	.00286
%RSD	5.3660	114.44	56.993	19.691	2.7517	25.957	47.961

#1	.38306	.00022	.00695	.09965	.57366	.00309	.00834
#2	.37397	-.00001	.00986	.11997	.56352	.00211	.00677
#3	.34529	.00009	.02038	.08057	.54338	.00195	.00279

Sample Name: K1282-16 Acquired: 1/30/2019 22:14:11 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00814	.0158	.04970	4.0992	F<.00000
Stddev	.00300	.0005	.00018	.1937	2.3474
%RSD	36.843	3.009	.35558	4.7260	27.958

#1	.00468	.0160	.04958	3.8766	-6.6193
#2	.00996	.0152	.04991	4.1907	-11.057
#3	.00980	.0161	.04963	4.2302	-7.5118

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3605.2	42536.	3685.6	10.240	3739.5
Stddev	31.0	339.	61.9	.716	37.0
%RSD	.86040	.79610	1.6791	6.9935	.99049

#1	3636.7	42926.	3656.9	9.4250	3772.6
#2	3604.1	42367.	3643.3	10.527	3746.2
#3	3574.7	42316.	3756.6	10.768	3699.5

Sample Name: K1282-20 Acquired: 1/30/2019 22:18:45 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03949	-.00138	.09990	.00169	.00247	.18486	.17263	.00012
Stddev	.00085	.00185	.00019	.00261	.00045	.00351	.00435	.00004
%RSD	2.1611	133.44	.19155	154.98	18.146	1.8993	2.5221	28.315

#1	.04042	.00047	.09977	.00066	.00298	.18786	.17214	.00015
#2	.03873	-.00323	.10012	-.00026	.00228	.18573	.16854	.00008
#3	.03932	-.00139	.09981	.00466	.00215	.18100	.17721	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	35.905	.00214	.00662	.00495	6.7396	.38777	.58511
Stddev	.00006	.108	.00045	.00027	.00032	.0804	.00082	.05490
%RSD	13.529	.30038	21.082	4.1312	6.3777	1.1923	.21077	9.3830

#1	.00049	35.858	.00213	.00671	.00522	6.7199	.38865	.53302
#2	.00041	36.028	.00260	.00684	.00503	6.8280	.38763	.64244
#3	.00053	35.828	.00170	.00631	.00460	6.6710	.38703	.57987

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01338	.00139	364.91	.00072	.23752	.85330	.00002	.01151
Stddev	.00042	.00018	2.40	.00046	.00185	.01194	.00005	.00469
%RSD	3.1144	12.958	.65730	63.261	.77751	1.3995	246.08	40.766

#1	.01334	.00122	364.31	.00037	.23612	.85286	.00004	.01648
#2	.01298	.00137	367.56	.00055	.23962	.86546	-.00004	.01090
#3	.01381	.00158	362.88	.00124	.23684	.84159	.00006	.00715

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50943	1.9313	.00244	.00304	.00737	.0039	.09525	3.9743
Stddev	.01853	.0227	.00056	.00369	.00393	.0005	.00038	.0842
%RSD	3.6368	1.1741	22.839	121.48	53.379	12.31	.39445	2.1186

#1	.52587	1.9268	.00307	.00421	.00450	.0036	.09556	4.0190
#2	.48936	1.9558	.00225	.00599	.00576	.0036	.09536	3.8772
#3	.51307	1.9112	.00201	-.00110	.01185	.0044	.09483	4.0268

Sample Name: K1282-20 Acquired: 1/30/2019 22:18:45 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 12.850
 Stddev 4.447
 %RSD 34.608

#1 10.148
 #2 17.983
 #3 10.420

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3636.3	43023.	3778.4	9.6265	3742.0
Stddev	18.2	14.	24.8	.5567	18.8
%RSD	.50124	.03145	.65601	5.7827	.50352

#1	3623.8	43038.	3762.3	9.4091	3755.9
#2	3627.9	43011.	3766.1	10.259	3720.6
#3	3657.2	43022.	3807.0	9.2114	3749.6

Sample Name: K1282-24 Acquired: 1/30/2019 22:23:19 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	-.00300	.06164	.00114	.00185	.06141	.20060
Stddev	.00150	.00195	.00186	.00132	.00052	.00933	.00405
%RSD	127.85	65.039	3.0209	115.62	28.392	15.187	2.0198

#1	.00029	-.00158	.06119	.00056	.00235	.05997	.19756
#2	-.00271	-.00522	.06005	.00265	.00188	.07137	.20520
#3	-.00111	-.00219	.06369	.00021	.00130	.05288	.19904

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00168	16.492	.00014	.00447	.07743	.03793
Stddev	.00004	.00011	.148	.00023	.00010	.00051	.00221
%RSD	273.34	6.3841	.89782	168.72	2.2069	.65801	5.8298

#1	-.00003	.00168	16.658	-.00011	.00458	.07724	.04031
#2	.00005	.00179	16.374	.00034	.00439	.07800	.03757
#3	.00003	.00158	16.444	.00018	.00445	.07704	.03593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24246	.75200	.01455	.00049	358.23	.00013	.32336
Stddev	.00029	.05781	.00039	.00032	5.04	.00019	.00285
%RSD	.11878	7.6880	2.6561	65.822	1.4081	141.61	.88009

#1	.24214	.80857	.01474	.00085	361.58	.00016	.32228
#2	.24256	.69301	.01410	.00034	352.43	-.00007	.32121
#3	.24269	.75441	.01480	.00026	360.68	.00031	.32658

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66044	.00001	.01473	.60039	.52300	.00233	.00347
Stddev	.01969	.00008	.00167	.04329	.00693	.00057	.00126
%RSD	2.9812	536.06	11.304	7.2105	1.3255	24.421	36.365

#1	.64834	-.00007	.01322	.60712	.52747	.00295	.00388
#2	.64982	.00009	.01652	.55414	.52652	.00220	.00447
#3	.68315	.00003	.01446	.63993	.51501	.00184	.00205

Sample Name: K1282-24 Acquired: 1/30/2019 22:23:19 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01034	.0081	.06792	3.9794	F<.00000
Stddev	.00117	.0002	.00055	.1149	1.4153
%RSD	11.313	2.980	.80982	2.8877	16.326

#1	.00904	.0084	.06848	4.0054	-10.292
#2	.01129	.0081	.06738	3.8537	-7.6917
#3	.01070	.0079	.06789	4.0790	-8.0229

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3617.8	43018.	3677.8	10.915	3735.4
Stddev	4.0	43.	47.5	.259	34.4
%RSD	.10937	.10109	1.2928	2.3697	.92190

#1	3621.6	43003.	3622.9	10.775	3750.4
#2	3613.7	42984.	3706.4	11.214	3759.7
#3	3618.0	43067.	3704.0	10.757	3696.0

Sample Name: K1282-28 Acquired: 1/30/2019 22:27:53 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00201	-.00273	.01957	.00080	.00163	.04421	.08738
Stddev	.00152	.00302	.00130	.00138	.00158	.00926	.00461
%RSD	75.687	110.68	6.6362	172.98	96.878	20.952	5.2727

#1	.00028	-.00076	.01956	.00122	-.00019	.04884	.09265
#2	.00315	-.00122	.01827	.00191	.00247	.03355	.08540
#3	.00260	-.00621	.02087	-.00074	.00262	.05025	.08409

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00016	6.9213	.00025	.00236	.00891	.08916
Stddev	.00010	.00004	.0124	.00018	.00013	.00028	.00254
%RSD	252.96	24.712	.17883	71.651	5.6600	3.1017	2.8522

#1	.00003	.00020	6.9346	.00042	.00247	.00879	.09017
#2	-.00005	.00012	6.9101	.00027	.00241	.00873	.09104
#3	.00014	.00016	6.9192	.00006	.00221	.00923	.08626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10513	.49813	.00518	.00086	357.14	.00022	.10356
Stddev	.00040	.06703	.00048	.00028	2.84	.00041	.00036
%RSD	.38095	13.456	9.2795	32.301	.79495	182.01	.35081

#1	.10479	.42117	.00540	.00054	354.23	.00049	.10366
#2	.10502	.54374	.00551	.00101	357.31	.00043	.10315
#3	.10557	.52948	.00463	.00103	359.90	-.00025	.10385

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40668	-.00011	.00705	.16405	.38188	.00196	.00415
Stddev	.00604	.00011	.00505	.01717	.00188	.00113	.00275
%RSD	1.4854	106.01	71.621	10.468	.49210	57.732	66.454

#1	.40130	-.00023	.01206	.15808	.38057	.00274	.00461
#2	.41321	-.00001	.00711	.15066	.38104	.00066	.00664
#3	.40554	-.00008	.00197	.18341	.38404	.00249	.00119

Sample Name: K1282-28 Acquired: 1/30/2019 22:27:53 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00607	.0053	.04969	3.8084	F<.00000
Stddev	.00276	.0011	.00030	.0166	1.7120
%RSD	45.452	21.88	.59739	.43636	16.718
#1	.00305	.0065	.04997	3.7994	-11.084
#2	.00846	.0051	.04938	3.8276	-8.2701
#3	.00670	.0042	.04972	3.7983	-11.366
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3671.6	43666.	3812.6	11.267	3796.2
Stddev	12.3	133.	5.1	.901	18.5
%RSD	.33396	.30413	.13485	7.9965	.48613
#1	3678.1	43519.	3812.7	10.641	3798.8
#2	3679.2	43700.	3817.7	12.300	3813.1
#3	3657.4	43778.	3807.5	10.861	3776.5

Sample Name: CCV10 Acquired: 1/30/2019 22:32:28 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14500 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9140	4.9825	5.0084	4.8888	4.9530	9.5124	9.1348	.25461
Stddev	.0126	.0105	.0018	.0203	.0211	.0175	.0581	.00108
%RSD	.25569	.21095	.03573	.41568	.42638	.18437	.63651	.42236
#1	4.9086	4.9708	5.0073	4.8717	4.9286	9.5014	9.1763	.25584
#2	4.9050	4.9856	5.0105	4.8834	4.9652	9.5326	9.1598	.25412
#3	4.9284	4.9911	5.0075	4.9112	4.9653	9.5031	9.0684	.25386
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5283	26.642	1.0118	2.4573	1.2598	5.4412	2.6148	25.624
Stddev	.0025	.181	.0024	.0039	.0024	.0530	.0074	.111
%RSD	.09758	.67808	.23412	.15818	.19140	.97389	.28376	.43506
#1	2.5281	26.788	1.0111	2.4560	1.2579	5.5018	2.6227	25.740
#2	2.5309	26.697	1.0099	2.4617	1.2590	5.4182	2.6139	25.518
#3	2.5260	26.440	1.0145	2.4542	1.2625	5.4035	2.6079	25.612
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4782	1.1980	24.192	2.4970	2.5278	23.742	4.9318	5.1636
Stddev	.0041	.0009	.174	.0045	.0042	.226	.0122	.0211
%RSD	.16455	.07501	.72053	.17956	.16482	.95335	.24701	.40797
#1	2.4763	1.1977	24.345	2.5022	2.5231	23.951	4.9195	5.1607
#2	2.4829	1.1974	24.231	2.4940	2.5312	23.773	4.9322	5.1442
#3	2.4754	1.1990	24.002	2.4949	2.5289	23.502	4.9438	5.1860
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9719	5.1128	4.9512	4.9649	4.9467	5.006	5.1836	F 3.6125
Stddev	.0274	.0566	.0037	.0259	.0288	.017	.0210	.1048
%RSD	.55110	1.1073	.07564	.52106	.58304	.3382	.40504	2.8996
#1	4.9587	5.1776	4.9490	4.9946	4.9763	4.987	5.2044	3.7236
#2	5.0035	5.0880	4.9555	4.9529	4.9450	5.019	5.1841	3.5156
#3	4.9537	5.0728	4.9490	4.9472	4.9187	5.011	5.1624	3.5982

Sample Name: CCV10 Acquired: 1/30/2019 22:32:28 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14500 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.1780
Stddev	1.1807
%RSD	28.259

#1	4.0119
#2	5.4330
#3	3.0892

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3870.1	45751.	3875.4	10.170	3946.8
Stddev	6.8	166.	37.2	.701	6.3
%RSD	.17634	.36388	.95929	6.8972	.15839

#1	3878.0	45562.	3834.6	9.5511	3948.8
#2	3866.2	45816.	3884.1	10.028	3939.8
#3	3866.2	45875.	3907.4	10.932	3951.8

Sample Name: CCB10 Acquired: 1/30/2019 22:36:29 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14500 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	-.00082	-.00129	-.00176	-.00017	-.00969	-.00223
Stddev	.00233	.00065	.00088	.00203	.00052	.02085	.00130
%RSD	1100.9	78.694	68.128	115.78	307.55	215.12	58.153

#1	.00209	-.00010	-.00222	-.00061	-.00069	-.00944	-.00230
#2	-.00256	-.00134	-.00120	-.00410	-.00019	-.03067	-.00090
#3	-.00016	-.00102	-.00046	-.00056	.00036	.01103	-.00349

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00010	-.00987	.00029	-.00003	-.00034	.00032
Stddev	.00008	.00007	.01247	.00019	.00007	.00054	.00171
%RSD	351.36	71.326	126.40	66.874	215.30	159.21	529.23

#1	.00012	-.00002	-.02122	.00014	.00004	.00026	.00230
#2	-.00004	-.00012	-.01187	.00022	-.00009	-.00080	-.00073
#3	-.00001	-.00014	.00349	.00050	-.00004	-.00048	-.00060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.01596	-.00016	.00101	-.14107	-.00030	-.00019
Stddev	.00001	.02480	.00006	.00023	.01417	.00024	.00004
%RSD	47.148	155.42	38.180	22.966	10.045	78.808	23.542

#1	-.00002	.02716	-.00009	.00089	-.15593	-.00005	-.00014
#2	-.00002	.03318	-.00018	.00086	-.13957	-.00034	-.00019
#3	-.00001	-.01247	-.00021	.00127	-.12770	-.00052	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01509	.00005	-.00302	F -.02808	.00100	-.00011	.00174
Stddev	.04515	.00024	.00306	.01069	.00086	.00062	.00403
%RSD	299.25	452.44	101.05	38.069	85.443	560.05	231.41

#1	.02279	.00028	-.00240	-.02907	.00129	-.00056	.00462
#2	-.06505	.00008	-.00033	-.01694	.00168	.00060	.00345
#3	-.00300	-.00020	-.00634	-.03825	.00004	-.00038	-.00286

Sample Name: CCB10 Acquired: 1/30/2019 22:36:29 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14500 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00322	.0003	-.00021	F 2.3348	F<.00000
Stddev	.00130	.0001	.00005	.1126	1.1455
%RSD	40.215	39.31	23.534	4.8224	43.587
#1	.00284	.0002	-.00020	2.4536	-3.8868
#2	.00216	.0002	-.00025	2.2297	-1.6468
#3	.00467	.0004	-.00016	2.3211	-2.3507
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4093.8	48818.	3963.4	11.990	4592.5
Stddev	13.4	161.	22.4	.488	7.7
%RSD	.32695	.33023	.56582	4.0729	.16750
#1	4082.3	48837.	3946.5	12.359	4586.0
#2	4090.8	48968.	3988.9	11.436	4590.6
#3	4108.5	48648.	3954.8	12.175	4601.0

Sample Name: K1282-32 Acquired: 1/30/2019 22:40:58 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00116	-.00167	.01005	.00119	.00097	.17507	.15671
Stddev	.00152	.00144	.00022	.00130	.00038	.00624	.00592
%RSD	130.15	86.203	2.1624	109.85	39.166	3.5636	3.7766

#1	.00058	-.00298	.01026	-.00006	.00061	.18186	.15214
#2	-.00215	-.00188	.01006	.00254	.00137	.16959	.15459
#3	-.00193	-.00013	.00982	.00107	.00093	.17375	.16339

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00018	1.5599	.00061	.00010	.00458	.07471
Stddev	.00009	.00003	.0073	.00044	.00024	.00055	.00152
%RSD	88.812	16.619	.46740	72.704	234.17	11.990	2.0410

#1	.00013	-.00021	1.5624	.00012	-.00016	.00403	.07442
#2	.00017	-.00018	1.5656	.00072	.00015	.00458	.07636
#3	.00000	-.00015	1.5517	.00099	.00031	.00512	.07335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01432	.17959	.00256	.00088	378.01	.00019	.02987
Stddev	.00013	.05991	.00060	.00031	2.99	.00047	.00014
%RSD	.87391	33.361	23.417	35.304	.79035	246.05	.47210

#1	.01422	.16033	.00324	.00053	375.85	.00000	.02971
#2	.01428	.13167	.00211	.00103	381.42	.00073	.02992
#3	.01446	.24676	.00234	.00109	376.77	-.00016	.02998

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28306	.00016	.02075	.15009	.21866	.00205	.00449
Stddev	.03843	.00025	.00197	.01152	.00303	.00038	.00210
%RSD	13.577	159.19	9.4805	7.6723	1.3867	18.353	46.806

#1	.30062	-.00003	.01851	.14332	.21518	.00190	.00339
#2	.30958	.00006	.02219	.14357	.22001	.00177	.00317
#3	.23899	.00044	.02156	.16339	.22077	.00248	.00692

Sample Name: K1282-32 Acquired: 1/30/2019 22:40:58 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00274	.0028	.01128	3.7027	F<.00000
Stddev	.00147	.0011	.00010	.1606	1.7994
%RSD	53.475	40.81	.84301	4.3364	20.624

#1	.00112	.0032	.01130	3.5505	-10.772
#2	.00314	.0015	.01136	3.8705	-7.3947
#3	.00397	.0036	.01118	3.6871	-8.0075

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3675.9	43858.	3883.3	11.781	3782.8
Stddev	15.6	163.	8.0	1.811	24.5
%RSD	.42338	.37083	.20550	15.375	.64807

#1	3680.8	44046.	3890.9	13.593	3801.3
#2	3688.4	43769.	3875.0	9.9705	3792.1
#3	3658.5	43759.	3884.1	11.780	3755.0

Sample Name: K1277-04 Acquired: 1/30/2019 22:45:37 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FRAC-TANK-1- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00410	.00290	.00319	.00054	.00082	.14717	.01429
Stddev	.00150	.00105	.00082	.00028	.00128	.01533	.02723
%RSD	36.569	36.240	25.832	51.938	156.58	10.414	190.55

#1	.00288	.00368	.00274	.00022	-.00011	.15847	.04472
#2	.00577	.00331	.00269	.00067	.00028	.12973	-.00779
#3	.00364	.00170	.00414	.00072	.00228	.15333	.00594

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00012	10.176	.00846	.00033	.00208	.28806
Stddev	.00007	.00008	1.129	.00031	.00011	.00011	.02150
%RSD	112.43	70.852	11.090	3.6088	32.404	5.1080	7.4627

#1	-.00002	-.00002	11.372	.00812	.00028	.00206	.31041
#2	.00011	-.00018	9.1302	.00872	.00045	.00219	.26753
#3	.00009	-.00014	10.025	.00852	.00026	.00198	.28624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03826	2.8332	.00474	.00125	33.163	.26355	.01346
Stddev	.00044	.2902	.00036	.00049	3.844	.00312	.00041
%RSD	1.1498	10.242	7.4964	38.779	11.591	1.1827	3.0525

#1	.03813	3.1383	.00480	.00182	37.135	.26318	.01307
#2	.03874	2.5607	.00436	.00097	29.461	.26684	.01342
#3	.03789	2.8005	.00506	.00098	32.893	.26064	.01389

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2543	.02393	.08634	3.6849	1.8279	-.00051	.00873
Stddev	.3177	.00063	.01122	.0688	.1705	.00074	.00196
%RSD	9.7634	2.6374	12.997	1.8669	9.3284	144.65	22.396

#1	3.5995	.02337	.09492	3.6179	2.0108	-.00091	.00666
#2	2.9740	.02382	.07364	3.6813	1.6734	-.00096	.01055
#3	3.1895	.02461	.09045	3.7554	1.7995	.00034	.00897

Sample Name: K1277-04 Acquired: 1/30/2019 22:45:37 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FRAC-TANK-1- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00331	.0167	.08412	3.0222	F<.00000
Stddev	.00270	.0003	.00974	.0855	1.7704
%RSD	81.578	1.758	11.576	2.8304	74.303

#1	.00628	.0166	.09462	3.0933	-4.3928
#2	.00101	.0164	.07538	3.0460	-1.7004
#3	.00264	.0170	.08236	2.9273	-1.0550

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4077.4	46572.	3870.7	10.675	4419.4
Stddev	88.2	319.	363.3	.671	98.1
%RSD	2.1626	.68403	9.3851	6.2889	2.2205

#1	4147.3	46445.	3501.2	10.056	4495.2
#2	4106.5	46337.	4227.4	10.580	4454.3
#3	3978.3	46934.	3883.5	11.389	4308.5

Sample Name: K1277-04DUP Acquired: 1/30/2019 22:50:04 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FRAC-TANK-1- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00423	.00151	.00447	-.00067	.00042	.15085	.00977
Stddev	.00214	.00044	.00092	.00023	.00091	.01304	.00522
%RSD	50.660	29.457	20.550	34.654	217.55	8.6434	53.438

#1	.00209	.00103	.00523	-.00054	.00043	.16002	.01011
#2	.00423	.00157	.00472	-.00094	-.00050	.15661	.00439
#3	.00637	.00191	.00345	-.00054	.00132	.13592	.01482

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00016	9.4864	.00863	.00008	.00189	.26805
Stddev	.00003	.00004	.2445	.00062	.00007	.00014	.00438
%RSD	41.919	23.537	2.5770	7.1526	82.770	7.4859	1.6358

#1	.00011	-.00014	9.5770	.00934	.00001	.00176	.26750
#2	.00004	-.00020	9.2096	.00835	.00009	.00187	.26396
#3	.00007	-.00013	9.6726	.00820	.00015	.00204	.27268

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03685	2.7119	.00493	.00133	31.078	.25232	.01317
Stddev	.00040	.0632	.00016	.00013	.991	.00375	.00007
%RSD	1.0768	2.3306	3.3255	9.8902	3.1889	1.4881	.56817

#1	.03663	2.7279	.00502	.00122	31.477	.25074	.01315
#2	.03731	2.6423	.00502	.00129	29.950	.25661	.01325
#3	.03662	2.7656	.00474	.00147	31.807	.24962	.01310

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0929	.02384	.07927	3.7095	1.7291	-.00072	.00953
Stddev	.0532	.00006	.00807	.0257	.0273	.00035	.00352
%RSD	1.7185	.27050	10.178	.69330	1.5804	48.360	36.935

#1	3.1211	.02381	.07063	3.6822	1.7455	-.00078	.01300
#2	3.0315	.02391	.08055	3.7132	1.6976	-.00104	.00963
#3	3.1260	.02379	.08661	3.7333	1.7443	-.00035	.00596

Sample Name: K1277-04DUP Acquired: 1/30/2019 22:50:04 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FRAC-TANK-1- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00568	.0165	.07870	2.7939	F<.00000
Stddev	.00301	.0007	.00208	.0777	1.4667
%RSD	52.989	4.531	2.6481	2.7797	41.127

#1	.00894	.0174	.07982	2.8748	-5.1294
#2	.00510	.0159	.07630	2.7200	-3.3493
#3	.00300	.0162	.07999	2.7869	-2.2201

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3982.0	47298.	4018.9	12.635	4331.6
Stddev	14.9	158.	124.9	1.360	15.0
%RSD	.37486	.33495	3.1077	10.764	.34528

#1	3979.8	47285.	3963.7	13.802	4327.4
#2	3997.9	47146.	4161.9	12.961	4348.2
#3	3968.3	47463.	3931.2	11.141	4319.2

Sample Name: K1277-04LX5 Acquired: 1/30/2019 22:54:30 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	-.00029	.00057	-.00226	.00018	.01742	.00029	-.00002
Stddev	.00273	.00182	.00006	.00330	.00217	.00871	.00591	.00003
%RSD	372.94	635.90	10.707	146.03	1198.8	49.983	2045.0	131.42

#1	.00275	-.00013	.00062	-.00599	-.00148	.02660	-.00349	.00001
#2	-.00237	.00145	.00050	-.00109	-.00062	.00928	-.00274	-.00004
#3	.00182	-.00218	.00058	.00029	.00264	.01637	.00709	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	2.0233	.00182	-.00002	.00022	.05612	.00779	.58700
Stddev	.00002	.0257	.00043	.00011	.00019	.00186	.00005	.04000
%RSD	18.796	1.2712	23.604	537.07	84.207	3.3090	.65125	6.8136

#1	-.00010	2.0055	.00229	.00010	.00018	.05618	.00781	.60176
#2	-.00007	2.0115	.00145	-.00004	.00006	.05424	.00773	.54172
#3	-.00010	2.0528	.00171	-.00012	.00043	.05795	.00782	.61751

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	.00074	6.6006	.05203	.00260	.63648	.00487	.02172
Stddev	.00057	.00021	.0647	.00086	.00010	.01562	.00012	.00078
%RSD	70.023	27.868	.97982	1.6577	3.8788	2.4548	2.3687	3.5816

#1	.00091	.00098	6.5525	.05254	.00251	.65311	.00492	.02193
#2	.00020	.00060	6.5751	.05251	.00271	.63423	.00495	.02086
#3	.00132	.00064	6.6741	.05103	.00258	.62210	.00473	.02237

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77699	.37220	-.00040	.00474	.00256	.0033	.01673	2.5656
Stddev	.01254	.00610	.00008	.00354	.00316	.0003	.00011	.1376
%RSD	1.6138	1.6392	18.839	74.685	123.08	10.65	.63271	5.3626

#1	.77241	.36713	-.00035	.00542	-.00105	.0037	.01663	2.4090
#2	.76739	.37051	-.00036	.00789	.00398	.0031	.01671	2.6670
#3	.79118	.37897	-.00049	.00091	.00477	.0030	.01684	2.6208

Sample Name: K1277-04LX5 Acquired: 1/30/2019 22:54:30 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.17520
%RSD	21.904

#1	-.81892
#2	-.96474
#3	-.61590

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4032.3	47990.	3934.7	12.089	4486.8
Stddev	10.2	129.	19.0	1.347	9.8
%RSD	.25395	.26854	.48260	11.139	.21763

#1	4034.7	47842.	3936.4	10.801	4491.2
#2	4021.0	48060.	3952.8	13.488	4475.6
#3	4041.0	48069.	3914.9	11.977	4493.6

Sample Name: K1277-04MS Acquired: 1/30/2019 22:59:00 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FRAC-TANK-1- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72833	1.8448	.91473	1.8248	.73758	1.9101	.19293	.19390	.18391
Stddev	.00699	.0135	.00641	.0124	.00476	.0325	.00392	.00080	.00130
%RSD	.96036	.73197	.70052	.68160	.64482	1.7004	2.0299	.41023	.70715

#1	.73624	1.8538	.91873	1.8349	.74190	1.8901	.18854	.19356	.18526
#2	.72298	1.8292	.90734	1.8109	.73249	1.8927	.19417	.19332	.18267
#3	.72575	1.8513	.91813	1.8286	.73836	1.9476	.19607	.19480	.18381

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.964	.39836	.18353	.28743	3.4869	.23885	4.7611	.46670	.06743
Stddev	.072	.00049	.00125	.00242	.0441	.00046	.0895	.00262	.00047
%RSD	.65530	.12374	.68248	.84310	1.2645	.19202	1.8791	.56136	.70291

#1	10.898	.39787	.18455	.28998	3.5316	.23857	4.6589	.46914	.06700
#2	10.954	.39834	.18213	.28516	3.4857	.23860	4.7987	.46393	.06794
#3	11.041	.39886	.18391	.28714	3.4434	.23938	4.8256	.46703	.06736

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.304	.54385	.21035	12.363	.40400	.37578	3.7992	2.7135	.64705
Stddev	.368	.00233	.00138	.005	.00286	.00531	.0063	.0368	.00346
%RSD	1.0433	.42836	.65783	.04429	.70806	1.4119	.16550	1.3547	.53497

#1	35.479	.54422	.21183	12.356	.40720	.38173	3.7957	2.7482	.65076
#2	35.552	.54135	.20909	12.366	.40167	.37405	3.8064	2.7174	.64391
#3	34.881	.54597	.21013	12.365	.40314	.37155	3.7954	2.6750	.64647

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20261	.19307	5.284	.27000	2.9071	22.022
Stddev	.00558	.00277	.034	.00144	.1154	.747
%RSD	2.7517	1.4347	.6402	.53198	3.9699	3.3917

#1	.19652	.19545	5.321	.27002	2.9789	21.465
#2	.20383	.19373	5.254	.27142	2.7740	21.731
#3	.20746	.19003	5.278	.26855	2.9685	22.871

Sample Name: K1277-04MS Acquired: 1/30/2019 22:59:00 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FRAC-TANK-1- 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	3976.9	47130.	3909.4	11.371	4252.3
Stddev	14.1	182.	41.3	1.108	6.3
%RSD	.35495	.38599	1.0577	9.7419	.14712
#1	3960.8	47080.	3878.8	11.084	4245.8
#2	3986.7	47332.	3893.0	12.594	4258.3
#3	3983.4	46979.	3956.4	10.435	4252.8

Sample Name: K1277-04MSD Acquired: 1/30/2019 23:03:07 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FRAC-TANK-1- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74204	1.8717	.92778	1.8552	.75287	1.9258	.19178	.19665	.18614
Stddev	.00580	.0042	.00403	.0169	.00536	.0184	.00280	.00007	.00068
%RSD	.78181	.22196	.43422	.91224	.71230	.95710	1.4588	.03718	.36706

#1	.73621	1.8705	.92373	1.8455	.74681	1.9467	.18934	.19665	.18543
#2	.74212	1.8764	.92781	1.8454	.75484	1.9186	.19115	.19658	.18621
#3	.74781	1.8683	.93179	1.8747	.75698	1.9120	.19483	.19673	.18679

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.300	.40274	.18594	.29086	3.5220	.23923	4.5216	.47185	.06893
Stddev	.109	.00140	.00020	.00128	.0368	.00040	.0324	.00125	.00047
%RSD	1.0607	.34813	.10778	.44019	1.0451	.16559	.71708	.26426	.68019

#1	10.238	.40112	.18571	.29050	3.4911	.23937	4.5141	.47120	.06937
#2	10.237	.40351	.18608	.28979	3.5122	.23878	4.4936	.47106	.06898
#3	10.426	.40358	.18603	.29228	3.5627	.23953	4.5571	.47328	.06844

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.344	.53236	.21127	12.256	.40932	.37253	3.5439	2.6115	.65699
Stddev	.429	.00138	.00074	.055	.00223	.00488	.0317	.0319	.00355
%RSD	1.2857	.25967	.35257	.44766	.54583	1.3089	.89477	1.2230	.54056

#1	32.948	.53325	.21041	12.223	.40700	.37280	3.5664	2.5873	.65293
#2	33.285	.53077	.21165	12.226	.40952	.36752	3.5077	2.5996	.65953
#3	33.799	.53306	.21174	12.319	.41146	.37726	3.5577	2.6477	.65850

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20553	.18902	5.347	.26743	3.0355	25.327
Stddev	.00259	.00514	.023	.00408	.1076	2.815
%RSD	1.2595	2.7167	.4264	1.5241	3.5450	11.114

#1	.20280	.18317	5.322	.26410	3.1282	24.767
#2	.20795	.19109	5.366	.26622	2.9175	22.834
#3	.20584	.19280	5.354	.27198	3.0609	28.379

Sample Name: K1277-04MSD Acquired: 1/30/2019 23:03:07 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FRAC-TANK-1- 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	3968.5	46979.	3892.5	11.593	4251.2
Stddev	7.2	121.	43.2	1.712	16.5
%RSD	.18244	.25853	1.1095	14.770	.38821
#1	3963.1	46864.	3930.1	13.563	4238.9
#2	3965.7	47106.	3901.9	10.463	4244.7
#3	3976.8	46967.	3845.3	10.752	4270.0

Sample Name: K1277-04RE Acquired: 1/30/2019 23:07:14 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76063	1.9242	.95252	1.9085	.77053	2.0315	.20051	.20201	.19152
Stddev	.00667	.0183	.01065	.0121	.00607	.0074	.00557	.00036	.00143
%RSD	.87636	.95317	1.1183	.63285	.78833	.36489	2.7786	.17867	.74461
#1	.76482	1.9448	.96460	1.9180	.77714	2.0266	.19487	.20239	.19313
#2	.75295	1.9096	.94449	1.8949	.76520	2.0400	.20601	.20195	.19044
#3	.76413	1.9183	.94846	1.9125	.76924	2.0278	.20063	.20168	.19099
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.167	.41286	.19119	.29899	3.5843	.24784	4.8922	.48572	.07019
Stddev	.058	.00063	.00071	.00303	.0264	.00103	.0095	.00466	.00046
%RSD	.52087	.15242	.36974	1.0118	.73774	.41389	.19308	.95987	.65492
#1	11.100	.41343	.19188	.30180	3.6106	.24896	4.8987	.49081	.06998
#2	11.206	.41218	.19047	.29579	3.5577	.24694	4.8964	.48165	.07071
#3	11.195	.41297	.19122	.29939	3.5845	.24764	4.8814	.48471	.06987
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.713	.56136	.21842	12.820	.42063	.38314	3.8864	2.7602	.67533
Stddev	.097	.00140	.00155	.014	.00428	.00679	.0223	.0032	.00461
%RSD	.27113	.24961	.71034	.11081	1.0168	1.7712	.57319	.11551	.68234
#1	35.723	.56288	.22011	12.805	.42455	.38880	3.9056	2.7572	.68039
#2	35.612	.56108	.21707	12.833	.41607	.37562	3.8620	2.7600	.67138
#3	35.805	.56012	.21807	12.823	.42128	.38502	3.8915	2.7635	.67422
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20911	.20019	5.507	.27670	2.9757	22.753			
Stddev	.00362	.00147	.047	.00053	.1540	2.422			
%RSD	1.7326	.73376	.8589	.19025	5.1738	10.643			
#1	.21161	.19912	5.561	.27627	3.1127	20.253			
#2	.21076	.19959	5.478	.27729	2.8091	25.087			
#3	.20495	.20186	5.480	.27655	3.0053	22.920			

Sample Name: K1277-04RE Acquired: 1/30/2019 23:07:14 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW 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	3967.6	46933.	3950.8	11.503	4239.5
Stddev	11.7	141.	19.3	.308	4.9
%RSD	.29540	.30046	.48879	2.6771	.11462
#1	3959.1	46771.	3938.0	11.520	4234.4
#2	3981.0	47029.	3973.0	11.802	4239.9
#3	3962.8	46998.	3941.4	11.187	4244.1

Sample Name: K1282-36 Acquired: 1/30/2019 23:11:22 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TPW1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00381	.00007	.46111	.00313	.00122	1.3743	.08265	.00034
Stddev	.00213	.00036	.00105	.00174	.00077	.0227	.00166	.00007
%RSD	55.839	528.87	.22701	55.614	62.872	1.6528	2.0039	20.371

#1	.00489	.00028	.46229	.00185	.00154	1.3518	.08142	.00026
#2	.00518	.00027	.46030	.00242	.00177	1.3972	.08199	.00039
#3	.00136	-.00035	.46074	.00511	.00034	1.3738	.08453	.00037

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	19.922	.00277	.00383	.00834	17.676	.33529	2.2657
Stddev	.00003	.152	.00024	.00017	.00032	.057	.00080	.0940
%RSD	4.0682	.76314	8.8051	4.5310	3.8322	.31999	.23931	4.1509

#1	-.00071	19.822	.00260	.00371	.00833	17.731	.33530	2.3050
#2	-.00068	20.097	.00266	.00376	.00803	17.678	.33609	2.1583
#3	-.00074	19.846	.00305	.00403	.00867	17.618	.33448	2.3337

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01056	.00101	17.998	.00801	.32657	1.4954	-.00036	.02033
Stddev	.00021	.00057	.051	.00011	.00003	.0216	.00018	.01379
%RSD	2.0086	55.984	.28282	1.4197	.01062	1.4464	50.773	67.831

#1	.01032	.00153	18.031	.00813	.32661	1.4902	-.00016	.03436
#2	.01064	.00110	17.939	.00800	.32654	1.5192	-.00043	.00679
#3	.01071	.00041	18.024	.00790	.32656	1.4769	-.00051	.01985

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3799	3.3586	.00149	.01267	.01232	.0876	.13243	2.7691
Stddev	.0394	.0276	.00022	.00650	.00081	.0012	.00062	.0229
%RSD	2.8517	.82214	14.978	51.287	6.5776	1.415	.46568	.82568

#1	1.4001	3.3490	.00126	.00891	.01303	.0861	.13220	2.7828
#2	1.4050	3.3897	.00151	.00893	.01144	.0884	.13313	2.7427
#3	1.3345	3.3370	.00171	.02018	.01247	.0882	.13197	2.7819

Sample Name: K1282-36 Acquired: 1/30/2019 23:11:22 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TPW1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	57.068
Stddev	1.337
%RSD	2.3435

#1	55.979
#2	56.665
#3	58.561

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4002.4	47455.	3939.2	11.138	4325.5
Stddev	5.3	132.	19.4	.928	4.7
%RSD	.13338	.27820	.49332	8.3334	.10773

#1	4007.6	47448.	3929.4	11.960	4327.9
#2	3996.9	47326.	3926.5	10.132	4320.2
#3	4002.9	47590.	3961.6	11.323	4328.5

Sample Name: K1260-01DLX10 Acquired: 1/30/2019 23:15:46 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7902 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02497	.00512	6.3617	-.00195	.00522	85.349	1.2477	.00909
Stddev	.00393	.00182	.0083	.00071	.00122	.315	.0030	.00012
%RSD	15.758	35.475	.13002	36.444	23.343	.36916	.23944	1.2757
#1	.02921	.00487	6.3524	-.00219	.00542	85.298	1.2468	.00922
#2	.02145	.00705	6.3644	-.00251	.00392	85.063	1.2452	.00905
#3	.02424	.00344	6.3683	-.00115	.00633	85.687	1.2510	.00899
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02878	598.82	.13953	.11650	1.6736	92.084	5.8946	52.301
Stddev	.00004	.31	.00079	.00040	.0014	.445	.0515	.232
%RSD	.13462	.05259	.56480	.34425	.08158	.48330	.87284	.44379
#1	.02876	598.48	.14042	.11615	1.6726	92.268	5.9011	52.532
#2	.02883	598.87	.13927	.11694	1.6730	92.407	5.8402	52.068
#3	.02876	599.10	.13891	.11640	1.6751	91.576	5.9424	52.305
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32106	-.00027	10.613	.44447	9.9175	18.593	-.00228	.12006
Stddev	.00065	.00013	.062	.00094	.0170	.062	.00044	.00591
%RSD	.20368	47.470	.58241	.21233	.17150	.33325	19.412	4.9251
#1	.32036	-.00042	10.683	.44462	9.9080	18.659	-.00177	.11557
#2	.32165	-.00019	10.565	.44533	9.9371	18.536	-.00259	.11785
#3	.32117	-.00021	10.592	.44346	9.9074	18.584	-.00247	.12676
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.066	F 73.594	.00522	.10074	.14736	4.670	1.9256	2.4071
Stddev	.110	.305	.00104	.00302	.00123	.010	.0050	.0823
%RSD	.68652	.41505	19.955	2.9993	.83411	.2145	.25987	3.4170
#1	15.943	73.535	.00563	.09901	.14634	4.669	1.9307	2.3773
#2	16.099	73.924	.00601	.10422	.14872	4.681	1.9207	2.5001
#3	16.156	73.322	.00404	.09897	.14700	4.661	1.9255	2.3439

Sample Name: K1260-01DLX10 Acquired: 1/30/2019 23:15:46 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7902 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 410.42
Stddev	2.55
%RSD	.62107

#1	408.02
#2	413.10
#3	410.13

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4193.8	49276.	4398.3	11.855	3458.0
Stddev	9.5	60.	19.1	.487	11.2
%RSD	.22628	.12239	.43433	4.1092	.32293

#1	4187.2	49215.	4377.2	11.801	3454.7
#2	4189.4	49336.	4403.4	11.398	3448.8
#3	4204.6	49276.	4414.3	12.367	3470.4

Sample Name: K1266-02 Acquired: 1/30/2019 23:20:06 Type: Unk
Method: P4-ICP2(v2813) 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	-.00178	-.00050	.00450	.00368	-.00068	-.06924	.04059
Stddev	.00032	.00150	.00117	.00205	.00161	.01905	.02448
%RSD	17.752	297.54	25.899	55.592	236.09	27.506	60.309

#1	-.00156	.00014	.00322	.00538	-.00242	-.04732	.02776
#2	-.00164	.00057	.00477	.00426	-.00041	-.07862	.06882
#3	-.00214	-.00222	.00550	.00141	.00078	-.08178	.02519

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00033	69.734	-.00085	-.00078	.00073	-.00843
Stddev	.00003	.00005	7.851	.00039	.00018	.00015	.00084
%RSD	29.646	14.591	11.258	45.517	22.855	20.762	9.9457

#1	.00012	-.00033	64.699	-.00129	-.00096	.00087	-.00828
#2	.00011	-.00028	78.780	-.00070	-.00078	.00075	-.00934
#3	.00007	-.00038	65.724	-.00056	-.00060	.00057	-.00768

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00673	153.54	-.00253	.00084	1101.8	.00151	.00171
Stddev	.00146	18.09	.00033	.00039	78.8	.00016	.00011
%RSD	21.646	11.779	13.019	46.797	7.1546	10.733	6.6967

#1	.00840	143.03	-.00291	.00042	1068.4	.00165	.00158
#2	.00602	174.42	-.00232	.00120	1191.8	.00133	.00177
#3	.00575	143.16	-.00235	.00090	1045.1	.00155	.00178

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.633	.00100	.53755	F 110.58	2.4452	-.03836	.00302
Stddev	4.763	.00016	.05367	2.46	.2110	.00117	.00444
%RSD	10.672	15.675	9.9835	2.2215	8.6300	3.0412	146.95

#1	41.552	.00118	.50361	110.16	2.3626	-.03748	-.00210
#2	50.120	.00091	.59942	108.36	2.6850	-.03791	.00568
#3	42.228	.00090	.50961	113.22	2.2880	-.03968	.00548

Sample Name: K1266-02 Acquired: 1/30/2019 23:20:06 Type: Unk
Method: P4-ICP2(v2813) 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	.02462	.0320	.95112	5.3354	F<.00000
Stddev	.00465	.0017	.10790	1.6899	1.1925
%RSD	18.905	5.437	11.344	31.673	8.6669

#1	.02161	.0307	.88080	7.2736	-13.914
#2	.02998	.0313	1.0753	4.5616	-14.866
#3	.02228	.0340	.89720	4.1709	-12.497

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3585.2	37533.	3582.2	9.7901	3534.1
Stddev	78.0	6572.	350.8	.9505	70.2
%RSD	2.1767	17.511	9.7936	9.7085	1.9876

#1	3577.2	30009.	3795.4	10.132	3524.3
#2	3667.0	40440.	3177.3	8.7160	3608.7
#3	3511.5	42151.	3773.8	10.522	3469.2

Sample Name: CCV11 Acquired: 1/30/2019 23:24:40 Type: Unk
Method: P4-ICP2(v2813) 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	4.8848	4.9368	4.9608	4.8810	4.9212	9.3942	9.0804	.25302
Stddev	.0141	.0077	.0066	.0123	.0094	.2828	.0614	.00857
%RSD	.28805	.15520	.13216	.25258	.19079	3.0109	.67645	3.3886
#1	4.9008	4.9310	4.9658	4.8870	4.9271	9.6977	9.0135	.26193
#2	4.8792	4.9455	4.9633	4.8892	4.9261	9.3470	9.0933	.25232
#3	4.8744	4.9338	4.9534	4.8668	4.9104	9.1379	9.1343	.24482
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5140	26.221	1.0049	2.4437	1.2559	5.3779	2.5873	25.254
Stddev	.0029	.240	.0360	.0037	.0017	.0076	.0884	.195
%RSD	.11658	.91418	3.5832	.15107	.13835	.14213	3.4183	.77020
#1	2.5173	26.044	1.0422	2.4461	1.2578	5.3795	2.6789	25.066
#2	2.5133	26.125	1.0022	2.4456	1.2552	5.3847	2.5806	25.243
#3	2.5116	26.494	.97030	2.4395	1.2545	5.3696	2.5024	25.454
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4590	1.1918	23.646	2.4772	2.5103	23.611	4.9089	5.0792
Stddev	.0020	.0380	.252	.0824	.0023	.191	.0041	.0351
%RSD	.08014	3.1893	1.0643	3.3262	.09239	.80798	.08360	.69052
#1	2.4572	1.2299	23.368	2.5625	2.5128	23.392	4.9131	5.0536
#2	2.4611	1.1916	23.710	2.4710	2.5098	23.697	4.9087	5.0647
#3	2.4587	1.1539	23.859	2.3980	2.5082	23.743	4.9049	5.1191
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0285	5.1341	4.9183	4.9460	4.8871	4.935	5.1314	F 3.4824
Stddev	.0539	.0191	.0022	.0290	.0365	.009	.0466	.2613
%RSD	1.0725	.37198	.04430	.58593	.74590	.1881	.90731	7.5045
#1	4.9681	5.1149	4.9172	4.9150	4.8496	4.934	5.0912	3.7419
#2	5.0456	5.1341	4.9169	4.9506	4.8895	4.945	5.1205	3.4862
#3	5.0718	5.1531	4.9208	4.9724	4.9223	4.927	5.1824	3.2193

Sample Name: CCV11 Acquired: 1/30/2019 23:24:40 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .04446
Stddev	1.5853
%RSD	3566.0

#1	.02342
#2	-1.5302
#3	1.6402

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3866.6	45953.	3890.9	10.741	3950.0
Stddev	14.0	1321.	23.7	1.701	13.0
%RSD	.36136	2.8747	.60797	15.833	.32993

#1	3852.5	44657.	3917.5	10.441	3937.5
#2	3867.0	45905.	3883.3	9.2108	3948.9
#3	3880.4	47298.	3872.0	12.572	3963.5

Sample Name: CCB11 Acquired: 1/30/2019 23:28:41 Type: Unk
Method: P4-ICP2(v2813) 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	-.00001	.00081	-.00152	-.00057	.00153	-.00309	.00100
Stddev	.00046	.00063	.00025	.00094	.00167	.01065	.00071
%RSD	5398.0	78.510	16.190	164.64	108.80	344.68	71.093

#1	-.00053	.00139	-.00152	-.00054	.00212	-.01476	.00050
#2	.00027	.00013	-.00127	-.00152	-.00035	-.00059	.00068
#3	.00024	.00090	-.00177	.00035	.00283	.00608	.00181

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00011	.00193	.00033	-.00013	-.00059	-.00188
Stddev	.00004	.00006	.00538	.00016	.00010	.00027	.00115
%RSD	264.70	54.057	278.18	47.587	76.037	45.020	61.273

#1	-.00005	-.00010	-.00292	.00046	-.00005	-.00050	-.00183
#2	-.00003	-.00017	.00771	.00016	-.00010	-.00038	-.00075
#3	.00003	-.00005	.00101	.00039	-.00023	-.00089	-.00305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.01070	-.00006	.00090	-.07814	-.00002	-.00007
Stddev	.00003	.02750	.00010	.00012	.00309	.00041	.00008
%RSD	714.91	256.91	170.57	13.086	3.9479	1876.4	116.82

#1	-.00002	.01139	-.00017	.00097	-.07512	-.00047	-.00008
#2	.00003	-.00200	-.00005	.00097	-.08129	.00007	.00002
#3	-.00000	-.04149	.00003	.00077	-.07801	.00033	-.00015

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03938	.00023	.01241	F -.03224	.00606	-.00019	.00522
Stddev	.03508	.00001	.00100	.00783	.00023	.00059	.00225
%RSD	89.077	3.7747	8.0656	24.295	3.8604	308.24	43.034

#1	-.05200	.00022	.01316	-.02340	.00609	.00048	.00499
#2	-.06641	.00024	.01127	-.03499	.00581	-.00044	.00310
#3	.00026	.00023	.01279	-.03832	.00627	-.00061	.00757

Sample Name: CCB11 Acquired: 1/30/2019 23:28:41 Type: Unk
Method: P4-ICP2(v2813) 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	.00406	-.0010	-.00019	F 2.4724	F .83846
Stddev	.00109	.0007	.00004	.0674	1.1285
%RSD	26.838	69.91	23.145	2.7272	134.59
#1	.00285	-.0019	-.00021	2.5425	-.17895
#2	.00497	-.0007	-.00023	2.4080	.64208
#3	.00437	-.0006	-.00014	2.4666	2.0523
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4089.3	48553.	3909.1	10.961	4597.6
Stddev	9.0	308.	45.2	.329	13.2
%RSD	.22057	.63482	1.1554	2.9996	.28698
#1	4078.9	48201.	3877.9	11.159	4582.5
#2	4095.1	48774.	3888.6	10.582	4603.2
#3	4093.9	48683.	3960.9	11.143	4607.1

Sample Name: K1266-03 Acquired: 1/30/2019 23:33:11 Type: Unk
Method: P4-ICP2(v2813) 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	.00261	.00079	.00508	.00008	-.00004	-.08593	.03256
Stddev	.00136	.00119	.00084	.00032	.00118	.00866	.01750
%RSD	52.051	151.36	16.479	418.86	2626.1	10.075	53.757

#1	.00143	-.00000	.00473	.00034	.00125	-.09449	.01919
#2	.00232	.00021	.00447	-.00029	-.00033	-.08611	.05237
#3	.00410	.00216	.00603	.00018	-.00106	-.07718	.02612

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00025	67.018	-.00100	-.00083	.00053	-.00979
Stddev	.00004	.00008	6.058	.00019	.00009	.00035	.00324
%RSD	74.282	30.830	9.0392	19.000	10.800	66.908	33.045

#1	.00004	-.00032	61.378	-.00106	-.00072	.00093	-.00615
#2	.00002	-.00017	73.422	-.00116	-.00086	.00040	-.01234
#3	.00010	-.00025	66.255	-.00079	-.00089	.00025	-.01088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00536	147.97	-.00214	.00061	1097.5	.00094	.00153
Stddev	.00015	15.04	.00040	.00024	111.5	.00014	.00011
%RSD	2.7947	10.167	18.737	38.534	10.161	14.812	7.4690

#1	.00524	135.37	-.00230	.00086	1020.6	.00084	.00145
#2	.00532	164.62	-.00244	.00040	1225.4	.00089	.00166
#3	.00553	143.91	-.00169	.00057	1046.4	.00110	.00149

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.935	.00129	.51293	F 110.85	2.2704	-.03806	-.00055
Stddev	3.790	.00034	.06251	.14	.1798	.00024	.00095
%RSD	8.8270	26.565	12.187	.13020	7.9184	.61804	173.81

#1	39.491	.00113	.46372	110.69	2.0961	-.03796	.00000
#2	46.996	.00105	.58327	110.89	2.4552	-.03789	-.00165
#3	42.319	.00168	.49180	110.97	2.2600	-.03833	.00000

Sample Name: K1266-03 Acquired: 1/30/2019 23:33:11 Type: Unk
Method: P4-ICP2(v2813) 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	.02620	.0311	.91850	4.2229	F<.00000
Stddev	.00312	.0003	.08485	.1334	3.5094
%RSD	11.918	1.045	9.2375	3.1597	22.188

#1	.02546	.0308	.84225	4.3472	-18.360
#2	.02963	.0312	1.0099	4.2396	-17.278
#3	.02352	.0314	.90336	4.0819	-11.813

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3601.8	41809.	3752.8	11.451	3548.5
Stddev	14.1	60.	300.9	1.246	8.8
%RSD	.39041	.14460	8.0179	10.882	.24736

#1	3610.9	41761.	4035.2	12.890	3553.3
#2	3608.9	41877.	3436.4	10.722	3553.9
#3	3585.6	41790.	3786.9	10.741	3538.4

Sample Name: K1266-04 Acquired: 1/30/2019 23:37:46 Type: Unk
Method: P4-ICP2(v2813) 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	.00263	-.00094	.00451	.00178	-.00129	-.07233	.02203
Stddev	.00196	.00114	.00057	.00325	.00095	.01593	.00222
%RSD	74.688	121.41	12.589	182.10	73.598	22.028	10.077

#1	.00446	-.00103	.00506	.00165	-.00211	-.09069	.02223
#2	.00286	-.00204	.00453	-.00140	-.00025	-.06217	.02415
#3	.00056	.00024	.00393	.00509	-.00150	-.06412	.01972

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00036	65.087	-.00059	-.00082	.00065	-.00909
Stddev	.00005	.00010	.407	.00028	.00009	.00024	.00265
%RSD	35.444	26.722	.62464	47.745	10.929	37.714	29.206

#1	.00016	-.00037	64.914	-.00086	-.00090	.00061	-.01112
#2	.00009	-.00026	65.551	-.00062	-.00072	.00042	-.01006
#3	.00019	-.00046	64.795	-.00029	-.00083	.00091	-.00609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00639	144.05	-.00269	.00051	1064.2	.00112	.00142
Stddev	.00011	.22	.00026	.00044	23.6	.00005	.00012
%RSD	1.7884	.15065	9.6872	87.387	2.2212	4.0364	8.5715

#1	.00645	144.20	-.00266	.00044	1089.0	.00116	.00155
#2	.00646	144.14	-.00296	.00098	1061.6	.00107	.00139
#3	.00626	143.80	-.00244	.00010	1042.0	.00113	.00131

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.287	.00116	.49714	F 112.50	2.2044	-.03924	.00583
Stddev	.100	.00008	.01243	.63	.0160	.00051	.00162
%RSD	.23642	7.0706	2.4998	.55556	.72432	1.2942	27.781

#1	42.360	.00115	.48672	111.95	2.2217	-.03911	.00757
#2	42.327	.00109	.51090	113.18	2.2011	-.03980	.00437
#3	42.173	.00125	.49381	112.38	2.1903	-.03881	.00555

Sample Name: K1266-04 Acquired: 1/30/2019 23:37:46 Type: Unk
 Method: P4-ICP2(v2813) 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	.02501	.0322	.89603	4.3904	F<.00000
Stddev	.00134	.0013	.00369	.1208	2.6365
%RSD	5.3408	4.007	.41223	2.7518	17.968

#1	.02509	.0307	.89633	4.4830	-11.630
#2	.02630	.0330	.89957	4.4344	-16.105
#3	.02363	.0328	.89220	4.2537	-16.284

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3596.3	41707.	3860.5	10.960	3533.0
Stddev	11.1	155.	20.0	1.163	8.5
%RSD	.30884	.37064	.51689	10.607	.24113

#1	3583.7	41577.	3843.1	11.291	3524.9
#2	3604.6	41666.	3856.1	11.921	3532.2
#3	3600.6	41878.	3882.3	9.6680	3541.9

Sample Name: K1266-05 Acquired: 1/30/2019 23:42:21 Type: Unk
Method: P4-ICP2(v2813) 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	.00295	.00027	.00374	.00123	-.00131	-.05982	.02064
Stddev	.00291	.00165	.00143	.00377	.00143	.00582	.00632
%RSD	98.678	617.35	38.302	306.22	109.34	9.7338	30.609

#1	.00630	.00103	.00531	-.00224	.00024	-.06651	.01338
#2	.00149	-.00162	.00252	.00069	-.00159	-.05703	.02360
#3	.00106	.00140	.00338	.00525	-.00259	-.05592	.02493

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00027	63.659	-.00069	-.00069	.00055	-.00825
Stddev	.00001	.00014	.766	.00052	.00010	.00010	.00021
%RSD	5.4668	50.761	1.2041	76.354	15.250	19.026	2.5232

#1	.00010	-.00031	64.488	-.00017	-.00080	.00052	-.00845
#2	.00012	-.00012	62.976	-.00122	-.00066	.00066	-.00825
#3	.00011	-.00038	63.513	-.00068	-.00060	.00046	-.00804

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00640	140.22	-.00216	.00075	1021.7	.00090	.00098
Stddev	.00017	.79	.00066	.00065	21.6	.00056	.00012
%RSD	2.6495	.56490	30.717	86.609	2.1173	61.772	11.925

#1	.00638	140.30	-.00140	.00007	1046.7	.00099	.00095
#2	.00657	140.98	-.00263	.00082	1010.4	.00142	.00111
#3	.00623	139.40	-.00246	.00136	1008.1	.00031	.00088

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.341	.00131	.47445	F 109.15	2.1803	-.03756	-.00005
Stddev	.425	.00012	.00900	.24	.0406	.00041	.00347
%RSD	1.0289	9.1581	1.8971	.21785	1.8597	1.0814	7319.6

#1	41.720	.00118	.47866	108.90	2.2270	-.03792	.00380
#2	40.881	.00138	.48058	109.19	2.1543	-.03712	-.00103
#3	41.421	.00139	.46411	109.37	2.1596	-.03764	-.00292

Sample Name: K1266-05 Acquired: 1/30/2019 23:42:21 Type: Unk
 Method: P4-ICP2(v2813) 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	.02434	.0320	.87555	4.2909	F<.00000
Stddev	.00184	.0004	.01230	.0925	3.0561
%RSD	7.5549	1.172	1.4051	2.1569	24.634

#1	.02617	.0320	.88629	4.1946	-15.663
#2	.02249	.0324	.86213	4.2988	-9.6012
#3	.02436	.0316	.87825	4.3792	-11.954

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3605.9	42032.	3895.9	12.478	3561.0
Stddev	2.0	116.	42.7	.501	11.0
%RSD	.05580	.27486	1.0958	4.0186	.30899

#1	3604.6	42153.	3851.8	12.878	3557.5
#2	3605.0	41923.	3937.1	11.916	3573.3
#3	3608.2	42021.	3898.8	12.641	3552.1

Sample Name: K1266-06 Acquired: 1/30/2019 23:46:56 Type: Unk
Method: P4-ICP2(v2813) 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	.00156	-.00051	.00339	.00217	-.00107	-.05691	.02777
Stddev	.00150	.00093	.00075	.00192	.00190	.00644	.00572
%RSD	96.145	182.41	22.279	88.668	177.26	11.310	20.592

#1	.00032	-.00157	.00269	.00215	-.00326	-.06429	.03077
#2	.00323	.00018	.00328	.00025	.00019	-.05243	.03137
#3	.00114	-.00014	.00419	.00409	-.00015	-.05401	.02118

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00028	64.210	-.00045	-.00055	.00055	-.01058
Stddev	.00009	.00009	1.076	.00034	.00018	.00017	.00293
%RSD	609.73	31.272	1.6760	76.899	32.987	31.329	27.671

#1	-.00003	-.00020	65.449	-.00083	-.00053	.00057	-.00844
#2	.00011	-.00037	63.665	-.00018	-.00039	.00072	-.00939
#3	-.00004	-.00026	63.515	-.00032	-.00075	.00037	-.01392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00547	139.00	-.00210	.00093	1010.0	.00141	.00100
Stddev	.00005	2.33	.00023	.00058	25.9	.00014	.00008
%RSD	.93397	1.6784	10.851	62.526	2.5609	9.7872	8.3432

#1	.00552	141.69	-.00186	.00080	1039.8	.00126	.00110
#2	.00545	137.85	-.00215	.00042	997.08	.00153	.00098
#3	.00542	137.47	-.00230	.00156	993.17	.00144	.00094

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.077	.00105	.47212	F 107.05	2.2548	-.03685	.00155
Stddev	.628	.00011	.00547	.14	.0443	.00031	.00182
%RSD	1.5298	10.120	1.1577	.13375	1.9666	.83814	117.64

#1	41.799	.00104	.47362	107.21	2.3048	-.03689	.00214
#2	40.785	.00116	.47668	106.96	2.2396	-.03652	.00299
#3	40.648	.00095	.46606	106.97	2.2201	-.03714	-.00050

Sample Name: K1266-06 Acquired: 1/30/2019 23:46:56 Type: Unk
Method: P4-ICP2(v2813) 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	.02222	.0321	.87373	4.2062	F<.00000
Stddev	.00113	.0009	.01361	.1171	2.0384
%RSD	5.1038	2.721	1.5575	2.7827	14.247

#1	.02299	.0331	.88906	4.2816	-12.212
#2	.02092	.0320	.86907	4.2656	-16.284
#3	.02275	.0314	.86306	4.0714	-14.425

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3600.7	41916.	3837.7	10.860	3581.5
Stddev	37.3	149.	81.2	.277	12.8
%RSD	1.0356	.35441	2.1148	2.5475	.35800

#1	3581.8	41774.	3749.5	10.606	3579.1
#2	3643.7	41906.	3854.6	11.155	3595.4
#3	3576.7	42070.	3909.2	10.819	3570.1

Sample Name: K1266-07 Acquired: 1/30/2019 23:51:30 Type: Unk
Method: P4-ICP2(v2813) 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	-.00028	.00468	.00138	-.00038	-.06871	.01810
Stddev	.00128	.00071	.00055	.00264	.00154	.01428	.00119
%RSD	217.38	255.60	11.645	191.50	401.94	20.778	6.5645

#1	-.00041	.00050	.00413	-.00013	-.00047	-.08225	.01813
#2	.00203	-.00045	.00469	.00442	-.00188	-.05380	.01690
#3	.00015	-.00088	.00522	-.00016	.00120	-.07008	.01928

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00043	70.447	-.00068	-.00061	.00070	-.01222
Stddev	.00005	.00003	.629	.00032	.00017	.00023	.00265
%RSD	43.712	7.2948	.89330	47.845	27.148	33.338	21.665

#1	.00008	-.00040	70.799	-.00085	-.00072	.00073	-.00928
#2	.00008	-.00043	69.721	-.00030	-.00042	.00091	-.01295
#3	.00016	-.00046	70.822	-.00088	-.00070	.00045	-.01442

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00440	164.73	-.00241	.00085	1178.4	.00142	.00370
Stddev	.00009	.80	.00031	.00032	19.8	.00051	.00005
%RSD	2.0688	.48472	12.817	37.698	1.6793	35.622	1.4103

#1	.00433	164.31	-.00264	.00103	1199.1	.00175	.00376
#2	.00451	164.23	-.00253	.00048	1176.7	.00084	.00369
#3	.00438	165.65	-.00206	.00104	1159.6	.00168	.00366

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.937	.00113	.57599	F 131.67	2.1008	-.04579	-.00082
Stddev	.255	.00031	.00465	1.83	.0125	.00070	.00402
%RSD	.52021	27.493	.80679	1.3880	.59581	1.5373	492.34

#1	49.083	.00084	.58034	130.63	2.1114	-.04499	-.00541
#2	48.643	.00146	.57110	133.78	2.0870	-.04633	.00208
#3	49.086	.00110	.57654	130.60	2.1040	-.04605	.00088

Sample Name: K1266-07 Acquired: 1/30/2019 23:51:30 Type: Unk
Method: P4-ICP2(v2813) 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	.02596	.0412	1.0100	4.5431	F<.00000
Stddev	.00135	.0022	.0070	.0403	1.8066
%RSD	5.2121	5.290	.69734	.88700	12.184

#1	.02732	.0417	1.0132	4.5067	-15.534
#2	.02461	.0431	1.0019	4.5362	-16.173
#3	.02596	.0388	1.0149	4.5864	-12.774

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3501.4	40764.	3876.7	11.104	3434.1
Stddev	58.1	112.	26.7	1.014	57.1
%RSD	1.6590	.27474	.68810	9.1328	1.6624

#1	3520.2	40676.	3860.8	10.582	3449.9
#2	3436.2	40890.	3907.5	12.273	3370.8
#3	3547.7	40727.	3861.8	10.457	3481.7

Sample Name: K1266-08 Acquired: 1/30/2019 23:56:05 Type: Unk
Method: P4-ICP2(v2813) 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	k .00068	k .00186	k .00394	k .00282	k -.00056	s -.07728	.03073
Stddev	.00345	.00240	.00028	.00256	.00218	.01466	.01348
%RSD	506.73	129.00	7.1123	90.794	386.72	18.977	43.864

#1	-.00312	-.00060	.00380	.00379	-.00251	-.08985	.04628
#2	k .00362	k .00198	k .00376	k .00476	k -.00097	s -.06116	.02345
#3	.00154	.00419	.00426	-.00008	.00179	-.08082	.02246

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .00007	k -.00032	73.298	s -.00066	k -.00052	k .00081	k -.01582
Stddev	.00006	.00010	5.280	.00040	.00028	.00042	.00360
%RSD	86.334	32.307	7.2038	60.301	53.262	51.514	22.771

#1	.00001	-.00031	79.391	-.00040	-.00060	.00084	-.01886
#2	s .00006	k -.00043	70.059	s -.00047	k -.00021	k .00038	k -.01184
#3	.00013	-.00023	70.443	-.00112	-.00074	.00122	-.01676

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .00432	167.37	k -.00233	s .00046	1207.6	s .00145	k .00174
Stddev	.00028	11.73	.00019	.00049	92.2	.00035	.00005
%RSD	6.4622	7.0083	8.3151	106.64	7.6391	24.342	3.1617

#1	.00424	180.91	-.00254	.00102	1312.0	.00106	.00177
#2	s .00409	160.68	k -.00226	s .00010	1173.4	s .00154	k .00177
#3	.00463	160.51	-.00218	.00027	1137.3	.00175	.00168

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.702	.00121	k .58881	kF 127.19	k 2.2097	k -.02863	k .00002
Stddev	3.291	.00014	.05659	.52	.1533	.02816	.00205
%RSD	6.4907	11.388	9.6114	.40790	6.9385	98.361	11455.

#1	54.501	.00107	.65262	126.64	2.3864	-.04450	-.00214
#2	48.857	.00134	k .54472	k 127.26	k 2.1122	k .00388	k .00193
#3	48.747	.00121	.56907	127.67	2.1304	-.04528	.00026

Sample Name: K1266-08 Acquired: 1/30/2019 23:56:05 Type: Unk
Method: P4-ICP2(v2813) 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	.02530	k .0338	k 1.0456	3.6283	F<.00000
Stddev	.00079	.0009	.0738	1.5027	.98767
%RSD	3.1361	2.809	7.0577	41.416	6.8237
#1	.02534	.0330	1.1307	4.1310	-13.466
#2	.02607	k .0335	k .99945	1.9387	-14.516
#3	.02448	.0349	1.0066	4.8152	-15.440
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3583.9	^ *****	3749.7	10.262	3514.9
Stddev	23.9	-----	237.3	1.825	23.3
%RSD	.66817	-----	6.3299	17.781	.66164
#1	3610.8	41940.	3478.9	8.7869	3540.8
#2	3564.9	^ -----	3848.6	12.302	3495.8
#3	3575.9	39311.	3921.7	9.6958	3508.1

Sample Name: K1266-09 Acquired: 1/31/2019 0:00:40 Type: Unk
Method: P4-ICP2(v2813) 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	.00050	.00006	.00422	.00357	-.00087	-.08793	.02560
Stddev	.00235	.00118	.00088	.00220	.00293	.01103	.00198
%RSD	473.07	1946.1	20.930	61.751	338.80	12.546	7.7334

#1	-.00216	.00014	.00475	.00106	.00094	-.09506	.02478
#2	.00137	-.00116	.00320	.00444	-.00425	-.09351	.02786
#3	.00229	.00120	.00472	.00521	.00071	-.07522	.02417

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.00038	72.822	-.00101	-.00069	.00095	-.01367
Stddev	.00004	.00009	1.742	.00030	.00032	.00029	.00426
%RSD	24.355	22.719	2.3922	29.936	46.895	30.739	31.182

#1	.00019	-.00048	74.834	-.00069	-.00045	.00104	-.01447
#2	.00014	-.00031	71.812	-.00104	-.00057	.00063	-.01748
#3	.00012	-.00037	71.821	-.00129	-.00106	.00120	-.00906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00420	168.34	-.00281	.00078	1214.6	.00153	.00122
Stddev	.00029	3.48	.00052	.00036	45.7	.00110	.00014
%RSD	6.9587	2.0702	18.433	45.992	3.7628	71.510	11.414

#1	.00454	172.30	-.00326	.00037	1266.8	.00276	.00136
#2	.00407	165.76	-.00292	.00092	1181.6	.00119	.00121
#3	.00400	166.94	-.00224	.00105	1195.4	.00065	.00108

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.051	.00117	.59105	F 134.79	2.1397	-.04711	.00345
Stddev	.926	.00020	.02236	3.00	.0714	.00189	.00155
%RSD	1.8148	17.113	3.7836	2.2233	3.3384	4.0206	44.869

#1	52.116	.00111	.61606	138.20	2.2204	-.04929	.00481
#2	50.608	.00102	.58411	132.57	2.1141	-.04582	.00378
#3	50.429	.00140	.57298	133.59	2.0845	-.04623	.00176

Sample Name: K1266-09 Acquired: 1/31/2019 0:00:40 Type: Unk
Method: P4-ICP2(v2813) 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	.02696	.0345	1.0482	4.9363	F<.00000
Stddev	.00139	.0014	.0215	.6955	1.7986
%RSD	5.1586	4.003	2.0541	14.090	11.374

#1	.02856	.0360	1.0730	5.7364	-17.713
#2	.02625	.0343	1.0363	4.4756	-15.588
#3	.02606	.0332	1.0352	4.5969	-14.137

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3517.6	39400.	3826.9	9.2338	3446.8
Stddev	86.4	2815.	85.3	1.1182	82.1
%RSD	2.4553	7.1436	2.2282	12.109	2.3814

#1	3418.3	36163.	3728.9	8.9802	3352.1
#2	3574.9	41268.	3868.2	8.2643	3497.8
#3	3559.7	40769.	3883.7	10.457	3490.5

Sample Name: K1266-10 Acquired: 1/31/2019 0:05:15 Type: Unk
Method: P4-ICP2(v2813) 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	.00245	.00134	.00416	-.00028	-.00087	-.07819	.02527
Stddev	.00178	.00095	.00053	.00397	.00106	.01902	.00309
%RSD	72.544	70.415	12.721	1421.4	122.64	24.324	12.232

#1	.00249	.00025	.00453	-.00317	-.00147	-.07647	.02702
#2	.00420	.00194	.00441	-.00191	.00036	-.06009	.02170
#3	.00065	.00183	.00356	.00425	-.00149	-.09801	.02710

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00038	73.550	-.00109	-.00058	.00038	-.00991
Stddev	.00006	.00009	1.023	.00019	.00012	.00021	.00182
%RSD	63.400	22.639	1.3908	17.677	19.989	55.814	18.348

#1	.00012	-.00034	74.729	-.00127	-.00048	.00032	-.01160
#2	.00013	-.00048	72.905	-.00089	-.00056	.00020	-.01015
#3	.00002	-.00032	73.015	-.00111	-.00071	.00061	-.00798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00412	169.97	-.00260	.00037	1216.6	.00108	.00154
Stddev	.00003	2.52	.00014	.00017	30.1	.00033	.00004
%RSD	.75518	1.4837	5.4818	44.362	2.4706	30.210	2.5426

#1	.00410	172.87	-.00272	.00052	1250.5	.00085	.00154
#2	.00411	168.79	-.00264	.00040	1193.2	.00145	.00157
#3	.00416	168.26	-.00244	.00020	1206.0	.00093	.00150

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.600	.00112	.59530	F 132.91	2.1337	-.04597	.00006
Stddev	.740	.00040	.00442	1.59	.0247	.00086	.00144
%RSD	1.4344	35.495	.74213	1.1949	1.1596	1.8682	2583.5

#1	52.454	.00157	.59022	134.51	2.1591	-.04675	-.00151
#2	51.184	.00099	.59747	132.88	2.1325	-.04612	.00035
#3	51.161	.00080	.59821	131.34	2.1097	-.04505	.00133

Sample Name: K1266-10 Acquired: 1/31/2019 0:05:15 Type: Unk
 Method: P4-ICP2(v2813) 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	.02739	.0349	1.0579	4.6317	F<.00000
Stddev	.00142	.0011	.0157	.1311	3.4489
%RSD	5.1879	3.077	1.4863	2.8307	23.521

#1	.02903	.0354	1.0760	4.7259	-18.351
#2	.02654	.0357	1.0501	4.4820	-11.518
#3	.02660	.0337	1.0477	4.6872	-14.120

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3520.5	40486.	3804.0	10.865	3454.9
Stddev	31.3	112.	45.8	.435	31.3
%RSD	.88991	.27610	1.2050	4.0075	.90458

#1	3505.0	40583.	3751.2	10.425	3441.7
#2	3500.0	40511.	3827.7	11.295	3432.5
#3	3556.6	40364.	3833.1	10.875	3490.6

Sample Name: K1266-11 Acquired: 1/31/2019 0:09:50 Type: Unk
Method: P4-ICP2(v2813) 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	.00218	.00046	.00365	.00204	-.00223	-.08123	.02606
Stddev	.00084	.00057	.00089	.00045	.00075	.02062	.00283
%RSD	38.418	123.98	24.301	22.323	33.837	25.380	10.877

#1	.00312	.00105	.00357	.00202	-.00136	-.07963	.02281
#2	.00154	.00042	.00458	.00159	-.00274	-.06146	.02735
#3	.00186	-.00009	.00281	.00250	-.00257	-.10260	.02802

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00028	67.548	-.00118	-.00049	.00055	-.01140
Stddev	.00003	.00010	.425	.00040	.00010	.00033	.00209
%RSD	63.276	35.332	.62914	33.522	20.655	59.737	18.309

#1	.00005	-.00021	67.210	-.00156	-.00054	.00086	-.01323
#2	.00002	-.00040	67.408	-.00122	-.00057	.00057	-.00913
#3	.00007	-.00024	68.025	-.00077	-.00038	.00021	-.01185

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00568	151.22	-.00223	.00078	1094.3	.00116	.00122
Stddev	.00004	.80	.00040	.00031	5.8	.00043	.00017
%RSD	.64989	.52651	17.974	39.115	.53095	37.204	13.612

#1	.00566	150.46	-.00253	.00113	1100.5	.00140	.00116
#2	.00573	151.17	-.00239	.00055	1093.3	.00143	.00141
#3	.00567	152.05	-.00178	.00067	1089.1	.00066	.00110

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.411	.00120	.52750	F 114.38	2.2332	-.03975	.00210
Stddev	.336	.00019	.00669	4.80	.0024	.00156	.00433
%RSD	.74099	15.690	1.2675	4.1944	.10766	3.9345	205.92

#1	45.076	.00111	.52037	116.36	2.2351	-.03970	.00107
#2	45.407	.00142	.52852	117.86	2.2340	-.04134	-.00162
#3	45.749	.00108	.53362	108.91	2.2305	-.03821	.00686

Sample Name: K1266-11 Acquired: 1/31/2019 0:09:50 Type: Unk
Method: P4-ICP2(v2813) 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	.02525	.0329	.93852	4.3116	F<.00000
Stddev	.00265	.0009	.00519	.0645	1.5824
%RSD	10.490	2.717	.55288	1.4968	10.721

#1	.02554	.0338	.93303	4.2638	-16.144
#2	.02247	.0327	.93919	4.3850	-13.035
#3	.02774	.0320	.94334	4.2860	-15.100

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3685.6	41583.	3780.3	11.786	3632.0
Stddev	148.9	101.	7.3	1.295	143.4
%RSD	4.0407	.24286	.19203	10.991	3.9492

#1	3617.8	41573.	3779.4	13.004	3568.6
#2	3582.7	41488.	3787.9	11.928	3531.2
#3	3856.4	41689.	3773.5	10.425	3796.2

Sample Name: K1266-12 Acquired: 1/31/2019 0:14:25 Type: Unk
Method: P4-ICP2(v2813) 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	-.00031	.00119	.00555	.00210	-.00092	-.08742	.02188
Stddev	.00069	.00246	.00143	.00150	.00009	.01181	.00275
%RSD	221.49	207.01	25.788	71.174	9.6017	13.513	12.569

#1	-.00101	.00040	.00622	.00213	-.00101	-.08998	.02442
#2	.00037	.00395	.00651	.00359	-.00084	-.09774	.02226
#3	-.00029	-.00078	.00390	.00059	-.00091	-.07453	.01896

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00041	66.894	-.00032	-.00070	.00056	-.01235
Stddev	.00005	.00010	.361	.00049	.00026	.00014	.00082
%RSD	65.860	23.320	.53997	150.62	36.931	24.395	6.6690

#1	.00009	-.00040	66.760	-.00025	-.00054	.00046	-.01285
#2	.00013	-.00032	66.619	-.00085	-.00100	.00072	-.01280
#3	.00003	-.00051	67.303	.00012	-.00057	.00051	-.01140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00528	149.52	-.00296	.00090	1087.9	.00115	.00138
Stddev	.00004	.18	.00067	.00030	9.3	.00035	.00022
%RSD	.77199	.12162	22.557	33.113	.85893	30.910	16.223

#1	.00530	149.73	-.00229	.00086	1088.3	.00152	.00113
#2	.00530	149.41	-.00297	.00122	1078.3	.00111	.00157
#3	.00523	149.41	-.00363	.00063	1097.0	.00082	.00143

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.208	.00108	.51478	F 121.79	2.1387	-.04190	.00125
Stddev	.122	.00012	.00347	6.93	.0086	.00192	.00321
%RSD	.27038	10.664	.67430	5.6940	.40392	4.5798	256.55

#1	45.075	.00117	.51317	116.94	2.1348	-.04024	.00376
#2	45.234	.00113	.51241	129.73	2.1486	-.04400	-.00236
#3	45.316	.00095	.51876	118.70	2.1327	-.04145	.00235

Sample Name: K1266-12 Acquired: 1/31/2019 0:14:25 Type: Unk
Method: P4-ICP2(v2813) 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	.02628	.0332	.93283	4.5302	F<.00000
Stddev	.00320	.0025	.00371	.0862	.72452
%RSD	12.179	7.414	.39721	1.9026	5.2648
#1	.02803	.0324	.93126	4.6220	-14.503
#2	.02259	.0360	.93017	4.4510	-13.725
#3	.02823	.0313	.93706	4.5176	-13.056
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3436.3	41362.	3845.7	11.533	3376.7
Stddev	183.7	70.	7.1	.746	182.1
%RSD	5.3460	.16917	.18550	6.4668	5.3917
#1	3558.4	41315.	3838.8	11.751	3495.5
#2	3225.0	41442.	3853.1	10.702	3167.1
#3	3525.5	41328.	3845.3	12.145	3467.6

Sample Name: CCV12 Acquired: 1/31/2019 0:19:00 Type: Unk
Method: P4-ICP2(v2813) 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	4.9708	5.0103	5.0427	4.9310	4.9769	9.5161	9.2224	.25651
Stddev	.0412	.0479	.0359	.0410	.0321	.0377	.0728	.00146
%RSD	.82912	.95513	.71141	.83234	.64444	.39638	.78931	.57083
#1	4.9759	5.0247	5.0684	4.9444	4.9869	9.5422	9.1772	.25495
#2	4.9273	4.9569	5.0017	4.8850	4.9410	9.4728	9.1835	.25674
#3	5.0093	5.0493	5.0580	4.9637	5.0028	9.5333	9.3063	.25785
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5567	26.586	1.0260	2.4835	1.2716	F 5.5241	2.6362	25.661
Stddev	.0239	.228	.0020	.0231	.0090	.0264	.0106	.139
%RSD	.93394	.85783	.19251	.92859	.71107	.47839	.40197	.54112
#1	2.5705	26.540	1.0252	2.4969	1.2740	5.5271	2.6273	25.744
#2	2.5292	26.384	1.0246	2.4569	1.2616	5.4963	2.6335	25.501
#3	2.5706	26.834	1.0283	2.4968	1.2792	5.5489	2.6479	25.739
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4964	1.2186	F 22.403	2.5323	2.5486	23.945	4.9769	5.1812
Stddev	.0244	.0023	.310	.0040	.0228	.139	.0426	.0371
%RSD	.97694	.18935	1.3835	.15920	.89625	.58106	.85665	.71518
#1	2.5092	1.2190	22.073	2.5282	2.5620	23.865	4.9807	5.1954
#2	2.4682	1.2161	22.449	2.5323	2.5222	23.865	4.9325	5.1392
#3	2.5117	1.2207	22.687	2.5363	2.5615	24.106	5.0175	5.2091
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5.5377	5.1744	5.0104	5.0121	4.9754	5.037	5.1845	F 3.6100
Stddev	.0551	.0355	.0524	.0141	.0384	.047	.0445	.0759
%RSD	.99439	.68614	1.0462	.28210	.77153	.9398	.85776	2.1015
#1	5.5728	5.1488	5.0298	5.0164	4.9471	5.053	5.1550	3.6401
#2	5.4742	5.1594	4.9510	4.9964	4.9600	4.983	5.1629	3.5237
#3	5.5660	5.2149	5.0503	5.0237	5.0191	5.073	5.2357	3.6661

Sample Name: CCV12 Acquired: 1/31/2019 0:19:00 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.1407
Stddev	1.8673
%RSD	45.097

#1	5.9430
#2	4.2646
#3	2.2145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3825.0	45155.	3823.2	10.743	3890.9
Stddev	19.4	96.	17.0	1.029	29.3
%RSD	.50611	.21173	.44344	9.5827	.75243

#1	3816.4	45092.	3811.9	9.5806	3864.6
#2	3847.2	45265.	3842.7	11.107	3922.4
#3	3811.5	45109.	3815.1	11.540	3885.8

Sample Name: CCB12 Acquired: 1/31/2019 0:23:02 Type: Unk
Method: P4-ICP2(v2813) 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	.00080	-.00004	-.00171	-.00089	.00039	-.00053	.00767
Stddev	.00106	.00064	.00092	.00018	.00053	.01100	.00670
%RSD	131.40	1586.6	53.788	20.537	136.88	2065.5	87.288

#1	.00109	.00029	-.00079	-.00100	-.00002	-.00722	.00103
#2	.00169	.00036	-.00170	-.00068	.00019	-.00653	.01443
#3	-.00037	-.00077	-.00262	-.00098	.00098	.01216	.00756

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00010	-.00668	.00019	-.00003	-.00057	-.00535
Stddev	.00006	.00004	.01231	.00037	.00026	.00019	.00166
%RSD	159.60	44.937	184.34	196.07	941.54	32.710	30.973

#1	.00003	-.00013	.00457	-.00017	.00028	-.00036	-.00503
#2	-.00010	-.00012	-.00477	.00017	-.00015	-.00067	-.00388
#3	-.00005	-.00005	-.01982	.00056	-.00021	-.00069	-.00715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00033	-.00035	.00097	F .66088	.00036	-.00007
Stddev	.00005	.02573	.00025	.00066	.04471	.00012	.00004
%RSD	135.68	7774.7	69.439	67.535	6.7654	32.896	55.156

#1	-.00002	-.00809	-.00052	.00057	.60940	.00023	-.00003
#2	.00001	.02922	-.00047	.00062	.68998	.00039	-.00008
#3	-.00009	-.02014	-.00007	.00173	.68326	.00046	-.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19094	.00017	.00742	F .17065	.00042	-.00005	.00599
Stddev	.01308	.00038	.00297	.01837	.00022	.00052	.00417
%RSD	6.8519	217.91	40.055	10.765	51.560	1161.3	69.631

#1	.17860	.00053	.00596	.18384	.00018	.00053	.00506
#2	.18957	.00021	.00546	.17844	.00049	-.00050	.01054
#3	.20466	-.00022	.01084	.14967	.00061	-.00016	.00236

Sample Name: CCB12 Acquired: 1/31/2019 0:23:02 Type: Unk
Method: P4-ICP2(v2813) 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	F .00701	-.0010	-.00018	F 2.6504	F<.00000
Stddev	.00133	.0009	.00002	.0355	.79694
%RSD	18.983	88.80	12.799	1.3385	38.413

#1	.00551	-.0019	-.00015	2.6558	-1.5509
#2	.00806	-.0009	-.00019	2.6830	-2.9918
#3	.00746	-.0001	-.00020	2.6126	-1.6813

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4004.4	47835.	3867.1	12.606	4489.5
Stddev	5.6	137.	17.9	1.767	6.2
%RSD	.14005	.28719	.46362	14.018	.13726

#1	4003.0	47742.	3870.5	14.334	4483.0
#2	3999.7	47770.	3883.0	10.802	4490.3
#3	4010.6	47993.	3847.7	12.682	4495.2

Sample Name: K1268-05 Acquired: 1/31/2019 0:27:32 Type: Unk
Method: P4-ICP2(v2813) 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	.00114	.00093	.00218	-.00048	-.00142	-.03416	.01792
Stddev	.00131	.00135	.00031	.00068	.00071	.00527	.00148
%RSD	114.77	144.62	14.083	142.76	49.547	15.427	8.2471

#1	.00250	.00041	.00210	-.00030	-.00136	-.03500	.01935
#2	.00104	-.00007	.00191	.00010	-.00075	-.03897	.01640
#3	-.00011	.00247	.00251	-.00123	-.00216	-.02853	.01801

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00022	33.257	.00010	-.00045	.00049	.02424
Stddev	.00007	.00007	.325	.00013	.00034	.00004	.00261
%RSD	96.056	31.332	.97826	133.86	75.516	7.1841	10.780

#1	.00005	-.00025	33.572	.00025	-.00022	.00052	.02677
#2	.00014	-.00014	33.275	.00006	-.00085	.00045	.02155
#3	.00001	-.00026	32.923	-.00001	-.00029	.00049	.02440

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01008	36.468	-.00123	.00073	269.32	.00087	.00068
Stddev	.00006	.196	.00025	.00031	4.94	.00011	.00006
%RSD	.57119	.53672	20.202	42.608	1.8333	12.763	9.5265

#1	.01006	36.681	-.00114	.00042	275.01	.00074	.00072
#2	.01015	36.427	-.00104	.00073	266.62	.00093	.00060
#3	.01004	36.296	-.00151	.00105	266.31	.00094	.00070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.313	.00034	.11732	F 25.523	2.4310	-.00809	.00671
Stddev	.104	.00025	.00540	.188	.0494	.00031	.00261
%RSD	1.0092	73.660	4.6019	.73658	2.0311	3.8891	38.840

#1	10.433	.00030	.11477	25.317	2.4821	-.00842	.00370
#2	10.249	.00012	.11368	25.564	2.4273	-.00805	.00815
#3	10.258	.00061	.12353	25.687	2.3836	-.00780	.00827

Sample Name: K1268-05 Acquired: 1/31/2019 0:27:32 Type: Unk
Method: P4-ICP2(v2813) 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	.00854	.0233	.28108	2.9951	F<.00000
Stddev	.00310	.0003	.00344	.0578	1.0928
%RSD	36.349	1.200	1.2242	1.9313	13.453

#1	.00644	.0230	.28503	2.9729	-7.3570
#2	.00707	.0235	.27945	2.9517	-7.6376
#3	.01210	.0234	.27876	3.0608	-9.3745

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3989.1	46899.	3956.2	12.510	4111.1
Stddev	11.5	99.	71.1	.441	20.0
%RSD	.28846	.21125	1.7978	3.5221	.48580

#1	4000.9	46995.	3879.2	12.026	4134.1
#2	3988.7	46905.	3970.0	12.887	4098.7
#3	3977.9	46797.	4019.4	12.617	4100.3

Sample Name: K1268-06 Acquired: 1/31/2019 0:32:08 Type: Unk
Method: P4-ICP2(v2813) 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	.00137	-.00042	.00347	-.00007	-.00110	-.02632	.01640
Stddev	.00142	.00251	.00046	.00097	.00131	.01084	.00347
%RSD	103.81	600.59	13.215	1460.7	119.24	41.183	21.178

#1	.00297	-.00203	.00303	.00022	-.00016	-.03872	.01373
#2	.00083	-.00170	.00394	-.00114	-.00259	-.01865	.01515
#3	.00029	.00247	.00342	.00072	-.00054	-.02159	.02033

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00020	34.863	-.00019	-.00031	.00048	.02069
Stddev	.00004	.00005	.089	.00009	.00042	.00031	.00172
%RSD	59.624	26.761	.25471	47.634	136.26	63.976	8.3227

#1	.00005	-.00023	34.824	-.00028	.00015	.00081	.02113
#2	.00010	-.00014	34.801	-.00020	-.00040	.00043	.01879
#3	.00003	-.00023	34.965	-.00010	-.00068	.00020	.02215

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01134	43.189	-.00141	.00079	322.90	.00086	.00049
Stddev	.00011	.331	.00015	.00022	2.94	.00049	.00010
%RSD	1.0122	.76527	10.790	28.401	.91193	57.727	20.876

#1	.01143	42.877	-.00126	.00064	323.99	.00116	.00060
#2	.01121	43.155	-.00142	.00068	319.56	.00113	.00040
#3	.01136	43.535	-.00156	.00105	325.14	.00029	.00046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.372	.00030	.14538	F 31.397	2.3212	-.01042	.00147
Stddev	.055	.00027	.00486	.055	.0388	.00083	.00245
%RSD	.44628	90.285	3.3418	.17493	1.6719	8.0022	165.92

#1	12.334	-.00000	.13988	31.439	2.3403	-.01124	.00369
#2	12.346	.00037	.14720	31.417	2.2765	-.01044	-.00115
#3	12.435	.00052	.14907	31.335	2.3468	-.00958	.00189

Sample Name: K1268-06 Acquired: 1/31/2019 0:32:08 Type: Unk
Method: P4-ICP2(v2813) 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	.00748	.0242	.31947	3.1355	F<.00000
Stddev	.00294	.0010	.00379	.0295	2.5672
%RSD	39.344	4.258	1.1854	.94121	29.916
#1	.00531	.0250	.32079	3.1468	-10.572
#2	.00629	.0245	.31519	3.1020	-5.6837
#3	.01083	.0230	.32241	3.1577	-9.4877
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3912.3	46129.	4001.8	10.716	4003.7
Stddev	11.3	60.	36.2	1.736	11.3
%RSD	.28948	.13087	.90433	16.204	.28261
#1	3905.3	46190.	3975.9	9.4051	3992.3
#2	3906.2	46127.	4043.1	12.686	4003.6
#3	3925.4	46070.	3986.3	10.058	4015.0

Sample Name: K1268-07 Acquired: 1/31/2019 0:36:43 Type: Unk
Method: P4-ICP2(v2813) 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	.00007	-.00011	.00295	.00030	-.00176	-.03473	.02627
Stddev	.00327	.00060	.00084	.00196	.00124	.00751	.00438
%RSD	4988.4	537.46	28.381	662.17	70.528	21.619	16.691

#1	.00026	.00032	.00200	-.00195	-.00099	-.02658	.02297
#2	.00324	-.00080	.00332	.00169	-.00109	-.03622	.02460
#3	-.00330	.00014	.00355	.00114	-.00319	-.04137	.03125

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00021	33.190	-.00012	-.00060	.00060	.02577
Stddev	.00004	.00006	.019	.00005	.00014	.00020	.00125
%RSD	69.800	29.759	.05870	45.219	23.640	33.018	4.8503

#1	.00010	-.00021	33.203	-.00008	-.00045	.00042	.02546
#2	.00002	-.00015	33.168	-.00018	-.00074	.00058	.02470
#3	.00006	-.00027	33.201	-.00010	-.00061	.00081	.02715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01002	36.670	-.00193	.00086	272.25	.00106	.00035
Stddev	.00003	.296	.00045	.00061	3.55	.00022	.00005
%RSD	.28302	.80781	23.536	71.046	1.3050	21.030	14.463

#1	.00998	36.564	-.00154	.00044	275.52	.00080	.00029
#2	.01003	37.004	-.00243	.00058	272.77	.00120	.00038
#3	.01003	36.441	-.00182	.00157	268.47	.00117	.00037

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.312	.00010	.12454	F 25.250	2.4224	-.00751	.00290
Stddev	.011	.00011	.01414	.164	.0416	.00019	.00036
%RSD	.11062	101.82	11.353	.64876	1.7166	2.5188	12.510

#1	10.325	.00011	.13912	25.241	2.4310	-.00748	.00330
#2	10.309	-.00000	.11088	25.418	2.4590	-.00734	.00279
#3	10.303	.00021	.12361	25.090	2.3772	-.00771	.00260

Sample Name: K1268-07 Acquired: 1/31/2019 0:36:43 Type: Unk
Method: P4-ICP2(v2813) 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	.00785	.0225	.28052	3.2589	F<.00000
Stddev	.00172	.0020	.00163	.0692	2.5439
%RSD	21.977	8.765	.58192	2.1221	39.636

#1	.00703	.0227	.28167	3.2149	-9.3463
#2	.00983	.0243	.28125	3.2231	-5.1551
#3	.00669	.0204	.27865	3.3386	-4.7529

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3822.7	45474.	3826.9	12.318	3960.6
Stddev	34.6	122.	24.0	.936	70.6
%RSD	.90448	.26807	.62751	7.5983	1.7831

#1	3862.4	45514.	3810.3	12.413	4041.0
#2	3798.9	45571.	3815.9	11.339	3908.8
#3	3806.9	45337.	3854.4	13.203	3931.9

Sample Name: K1268-08 Acquired: 1/31/2019 0:41:19 Type: Unk
Method: P4-ICP2(v2813) 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	.00266	.00074	.00288	.00164	.00004	-.02256	.04316
Stddev	.00121	.00028	.00035	.00222	.00113	.01191	.01037
%RSD	45.516	37.617	12.094	135.14	2967.6	52.764	24.017

#1	.00337	.00074	.00288	.00199	-.00120	-.02700	.05497
#2	.00336	.00047	.00254	-.00073	.00030	-.00908	.03559
#3	.00126	.00103	.00323	.00368	.00102	-.03161	.03891

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00027	32.092	-.00012	-.00030	.00014	.02715
Stddev	.00004	.00005	1.033	.00024	.00013	.00030	.00031
%RSD	64.711	17.168	3.2176	204.73	43.019	215.68	1.1238

#1	.00002	-.00024	33.280	-.00032	-.00028	-.00012	.02750
#2	.00005	-.00032	31.413	.00015	-.00018	.00008	.02696
#3	.00009	-.00024	31.582	-.00019	-.00043	.00046	.02699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00934	31.374	-.00169	.00070	227.39	.00079	.00035
Stddev	.00009	1.143	.00014	.00068	10.10	.00072	.00018
%RSD	.99939	3.6424	8.1419	97.331	4.4436	91.307	51.648

#1	.00939	32.675	-.00153	-.00008	239.04	.00099	.00026
#2	.00923	30.914	-.00175	.00119	222.10	-.00001	.00055
#3	.00939	30.532	-.00179	.00098	221.04	.00140	.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6257	.00031	.10802	F 20.927	2.5819	-.00629	.00686
Stddev	.1952	.00022	.00524	.172	.1094	.00027	.00420
%RSD	2.2630	69.984	4.8523	.82074	4.2372	4.3608	61.284

#1	8.8509	.00024	.10286	20.737	2.7067	-.00598	.00231
#2	8.5055	.00014	.10784	21.070	2.5025	-.00649	.00767
#3	8.5206	.00056	.11334	20.975	2.5365	-.00640	.01060

Sample Name: K1268-08 Acquired: 1/31/2019 0:41:19 Type: Unk
 Method: P4-ICP2(v2813) 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	.00680	.0230	.25366	3.3888	F<.00000
Stddev	.00388	.0012	.00758	.0790	1.3462
%RSD	57.046	5.258	2.9873	2.3318	27.216
#1	.00829	.0225	.26216	3.4028	-5.2410
#2	.00971	.0221	.24762	3.4599	-3.4771
#3	.00240	.0244	.25120	3.3038	-6.1206
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3804.3	44339.	3594.4	10.262	3942.0
Stddev	26.5	171.	150.4	1.439	48.0
%RSD	.69588	.38555	4.1839	14.017	1.2175
#1	3820.8	44203.	3421.1	9.3526	3997.1
#2	3818.4	44282.	3690.3	9.5131	3909.3
#3	3773.8	44531.	3671.9	11.920	3919.7

Sample Name: K1268-09 Acquired: 1/31/2019 0:45:50 Type: Unk
Method: P4-ICP2(v2813) 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	.00231	-.00074	.00338	.00144	.00051	-.02829	.04666
Stddev	.00194	.00216	.00097	.00239	.00122	.01039	.00746
%RSD	84.013	290.26	28.668	166.50	241.28	36.739	15.988

#1	.00094	-.00319	.00251	.00294	.00161	-.03544	.05523
#2	.00147	.00005	.00320	-.00132	-.00080	-.03305	.04316
#3	.00453	.00090	.00443	.00270	.00071	-.01637	.04160

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.00026	35.767	-.00039	-.00018	.00074	.01969
Stddev	.00005	.00006	.716	.00023	.00017	.00018	.00131
%RSD	34.419	22.534	2.0010	58.035	93.329	24.765	6.6588

#1	.00009	-.00024	36.567	-.00064	-.00025	.00056	.02120
#2	.00018	-.00033	35.188	-.00020	.00001	.00093	.01910
#3	.00017	-.00022	35.546	-.00033	-.00032	.00072	.01878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01090	42.873	-.00227	.00079	314.07	.00081	.00067
Stddev	.00013	.991	.00027	.00016	2.85	.00023	.00004
%RSD	1.1530	2.3103	12.012	19.564	.90765	27.963	5.5212

#1	.01089	44.012	-.00258	.00064	316.46	.00081	.00063
#2	.01103	42.389	-.00217	.00095	310.91	.00104	.00070
#3	.01078	42.218	-.00206	.00080	314.83	.00058	.00068

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.906	.00040	.14291	F 28.720	2.5305	-.00897	.00490
Stddev	.144	.00006	.01648	.278	.0428	.00075	.00200
%RSD	1.2096	14.526	11.533	.96655	1.6914	8.3748	40.816

#1	12.071	.00035	.12450	28.399	2.5707	-.00977	.00713
#2	11.813	.00046	.14794	28.884	2.5354	-.00829	.00326
#3	11.832	.00038	.15630	28.876	2.4855	-.00885	.00432

Sample Name: K1268-09 Acquired: 1/31/2019 0:45:50 Type: Unk
 Method: P4-ICP2(v2813) 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	.00952	.0229	.31376	3.8754	F<.00000
Stddev	.00051	.0012	.00551	.0806	2.8696
%RSD	5.3594	5.032	1.7569	2.0811	43.928

#1	.00961	.0216	.31845	3.9466	-7.4324
#2	.00897	.0235	.30769	3.7878	-8.8446
#3	.00997	.0237	.31516	3.8917	-3.3210

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3766.5	43242.	3545.1	10.411	3853.3
Stddev	31.4	210.	49.3	1.068	30.4
%RSD	.83334	.48527	1.3901	10.255	.79000

#1	3800.9	43284.	3490.1	11.643	3888.4
#2	3739.4	43015.	3585.2	9.8373	3837.7
#3	3759.2	43428.	3559.9	9.7532	3833.8

Sample Name: K1268-10 Acquired: 1/31/2019 0:50:26 Type: Unk
Method: P4-ICP2(v2813) 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	.00252	-.00019	.00325	-.00021	-.00120	-.01896	.04213
Stddev	.00132	.00049	.00132	.00105	.00042	.00643	.00506
%RSD	52.430	258.65	40.657	506.09	35.044	33.920	12.003

#1	.00371	-.00075	.00245	.00098	-.00071	-.01231	.04797
#2	.00276	.00007	.00252	-.00101	-.00146	-.02514	.03918
#3	.00110	.00012	.00477	-.00059	-.00141	-.01942	.03924

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00032	31.263	.00005	-.00028	.00040	.02284
Stddev	.00002	.00008	1.039	.00024	.00047	.00018	.00158
%RSD	30.744	24.165	3.3236	509.34	167.26	44.111	6.9130

#1	.00009	-.00040	32.461	.00030	.00012	.00060	.02401
#2	.00006	-.00024	30.713	.00001	-.00016	.00027	.02104
#3	.00005	-.00033	30.615	-.00017	-.00081	.00033	.02346

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00887	29.680	-.00178	.00080	214.55	.00088	.00026
Stddev	.00012	.799	.00012	.00030	7.29	.00030	.00001
%RSD	1.4036	2.6909	6.9036	37.366	3.3975	34.429	5.4852

#1	.00897	30.601	-.00192	.00046	222.81	.00100	.00027
#2	.00893	29.274	-.00169	.00096	211.86	.00110	.00026
#3	.00873	29.166	-.00174	.00098	208.99	.00053	.00024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1089	.00007	.09300	F 19.615	2.5446	-.00528	.00436
Stddev	.1774	.00025	.00237	.263	.0992	.00074	.00426
%RSD	2.1880	361.43	2.5436	1.3428	3.8969	13.965	97.718

#1	8.3097	-.00018	.09050	19.470	2.6569	-.00557	.00302
#2	8.0440	.00006	.09330	19.456	2.5078	-.00583	.00093
#3	7.9731	.00033	.09520	19.919	2.4691	-.00444	.00912

Sample Name: K1268-10 Acquired: 1/31/2019 0:50:26 Type: Unk
Method: P4-ICP2(v2813) 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	.00694	.0215	.24246	3.2612	F<.00000
Stddev	.00157	.0009	.00778	.1107	4.8105
%RSD	22.620	4.134	3.2102	3.3955	72.536
#1	.00871	.0223	.25141	3.2562	-4.4431
#2	.00574	.0215	.23860	3.3744	-3.3049
#3	.00636	.0206	.23736	3.1531	-12.148
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3884.7	45376.	3623.3	10.809	4033.0
Stddev	50.0	371.	106.2	.557	54.6
%RSD	1.2862	.81816	2.9311	5.1493	1.3550
#1	3905.4	45005.	3506.5	10.260	4049.3
#2	3920.9	45377.	3649.2	10.795	4077.7
#3	3827.7	45748.	3714.1	11.373	3972.1

Sample Name: K1268-11 Acquired: 1/31/2019 0:54:58 Type: Unk
Method: P4-ICP2(v2813) 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	-.00001	.00037	.00343	.00091	-.00121	-.02730	.05387
Stddev	.00238	.00114	.00123	.00037	.00096	.00701	.01820
%RSD	23417.	303.51	35.954	40.984	79.799	25.666	33.785

#1	.00273	.00078	.00395	.00084	-.00080	-.02276	.04177
#2	-.00130	-.00091	.00430	.00131	-.00051	-.03537	.07479
#3	-.00146	.00125	.00202	.00057	-.00230	-.02376	.04504

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00028	35.959	-.00064	-.00032	.00050	.02133
Stddev	.00008	.00002	2.265	.00067	.00029	.00029	.00391
%RSD	82.621	8.9061	6.2979	104.89	90.402	57.614	18.351

#1	.00012	-.00025	34.671	-.00135	-.00040	.00071	.02570
#2	.00001	-.00027	38.574	-.00001	-.00056	.00017	.02011
#3	.00016	-.00030	34.632	-.00057	.00000	.00061	.01816

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01038	39.407	-.00128	.00080	284.80	.00077	.00038
Stddev	.00003	2.696	.00024	.00008	12.52	.00019	.00001
%RSD	.30600	6.8428	18.585	9.7331	4.3965	24.768	2.2655

#1	.01037	38.067	-.00101	.00078	282.14	.00097	.00037
#2	.01041	42.511	-.00135	.00073	298.44	.00076	.00038
#3	.01035	37.643	-.00146	.00089	273.83	.00059	.00039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.896	.00036	.13362	F 26.093	2.7154	-.00754	.00660
Stddev	.624	.00007	.01389	.112	.1560	.00037	.00128
%RSD	5.7286	20.143	10.393	.42880	5.7452	4.8757	19.341

#1	10.525	.00044	.13806	26.170	2.6935	-.00713	.00690
#2	11.617	.00031	.14475	26.145	2.8812	-.00762	.00770
#3	10.546	.00032	.11806	25.965	2.5715	-.00785	.00520

Sample Name: K1268-11 Acquired: 1/31/2019 0:54:58 Type: Unk
Method: P4-ICP2(v2813) 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	.00913	.0232	.30054	3.8073	F<.00000
Stddev	.00365	.0013	.02107	.1524	3.6863
%RSD	39.918	5.522	7.0115	4.0039	47.526

#1	.00493	.0219	.29215	3.6377	-3.6612
#2	.01145	.0245	.32452	3.9331	-8.7987
#3	.01102	.0231	.28496	3.8509	-10.809

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3816.3	43705.	3421.9	10.963	3933.4
Stddev	11.3	96.	214.7	.588	38.8
%RSD	.29739	.21918	6.2745	5.3607	.98654

#1	3807.3	43634.	3483.4	10.464	3890.1
#2	3812.6	43668.	3183.2	10.815	3945.4
#3	3829.1	43814.	3599.3	11.611	3964.9

Sample Name: K1268-12 Acquired: 1/31/2019 0:59:35 Type: Unk
Method: P4-ICP2(v2813) 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	.00027	-.00065	.00203	-.00056	-.00074	-.03386	.03356
Stddev	.00078	.00148	.00105	.00067	.00091	.00618	.00275
%RSD	282.57	226.07	51.629	119.56	122.19	18.255	8.1965

#1	.00094	-.00233	.00291	-.00042	-.00167	-.02679	.03082
#2	.00046	-.00006	.00087	-.00128	-.00070	-.03651	.03633
#3	-.00058	.00044	.00229	.00003	.00015	-.03827	.03352

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00023	31.606	.00017	-.00049	.00020	.02736
Stddev	.00010	.00003	.373	.00012	.00005	.00036	.00358
%RSD	139.46	12.753	1.1788	72.359	9.6231	177.20	13.099

#1	.00017	-.00026	31.267	.00025	-.00054	.00039	.02855
#2	-.00003	-.00023	32.005	.00003	-.00050	-.00021	.03020
#3	.00007	-.00020	31.546	.00024	-.00044	.00043	.02333

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00913	30.276	-.00157	.00080	218.73	.00099	.00070
Stddev	.00008	.150	.00050	.00030	2.01	.00029	.00011
%RSD	.82805	.49643	31.773	37.613	.91785	29.057	15.723

#1	.00922	30.116	-.00214	.00072	219.28	.00092	.00057
#2	.00907	30.297	-.00125	.00113	220.41	.00130	.00076
#3	.00912	30.414	-.00130	.00055	216.51	.00074	.00076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4048	.00014	.09837	F 20.481	2.4813	-.00567	.00212
Stddev	.0413	.00011	.00614	.254	.0197	.00042	.00190
%RSD	.49125	81.051	6.2409	1.2397	.79386	7.4050	89.416

#1	8.3732	.00025	.09402	20.774	2.4991	-.00590	.00331
#2	8.4515	.00014	.09569	20.346	2.4847	-.00591	-.00007
#3	8.3895	.00002	.10539	20.324	2.4601	-.00518	.00312

Sample Name: K1268-12 Acquired: 1/31/2019 0:59:35 Type: Unk
 Method: P4-ICP2(v2813) 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	.00650	.0232	.24681	3.3986	F<.00000
Stddev	.00101	.0009	.00101	.0834	.87355
%RSD	15.577	3.856	.41064	2.4533	12.744

#1	.00541	.0228	.24567	3.3647	-5.8507
#2	.00741	.0242	.24716	3.4936	-7.4394
#3	.00668	.0226	.24761	3.3375	-7.2745

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3910.9	45399.	3813.6	12.640	4062.4
Stddev	22.5	105.	20.5	.318	29.7
%RSD	.57452	.23106	.53781	2.5173	.73133

#1	3885.6	45288.	3809.6	12.320	4028.5
#2	3918.5	45496.	3795.5	12.642	4074.5
#3	3928.5	45413.	3835.9	12.957	4084.1

Sample Name: K1268-13 Acquired: 1/31/2019 1:04:12 Type: Unk
Method: P4-ICP2(v2813) 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	.00073	.00126	.00098	.00107	-.00112	-.02493	.02339
Stddev	.00042	.00059	.00075	.00185	.00158	.00076	.00330
%RSD	57.679	46.880	76.472	172.12	140.82	3.0295	14.094

#1	.00033	.00140	.00039	.00203	-.00217	-.02406	.02565
#2	.00117	.00176	.00073	-.00106	.00069	-.02534	.01961
#3	.00069	.00061	.00182	.00225	-.00188	-.02539	.02490

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00016	33.220	-.00032	-.00020	.00050	.01877
Stddev	.00004	.00010	.163	.00025	.00036	.00016	.00423
%RSD	38.086	65.289	.49105	78.129	176.53	31.587	22.511

#1	.00008	-.00005	33.213	-.00042	-.00039	.00040	.01390
#2	.00014	-.00019	33.386	-.00004	.00021	.00068	.02098
#3	.00008	-.00025	33.060	-.00051	-.00044	.00041	.02144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01471	36.774	-.00138	.00050	274.10	.00063	.00066
Stddev	.00005	.061	.00044	.00077	4.36	.00032	.00010
%RSD	.37252	.16554	31.874	153.01	1.5891	51.770	14.697

#1	.01465	36.752	-.00157	-.00033	276.42	.00026	.00060
#2	.01476	36.727	-.00170	.00119	269.08	.00074	.00077
#3	.01471	36.843	-.00088	.00066	276.81	.00088	.00060

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.598	.00027	.12858	F 26.267	2.4234	-.00875	.00516
Stddev	.030	.00013	.00397	.195	.0171	.00048	.00413
%RSD	.28651	47.035	3.0890	.74049	.70520	5.5056	80.115

#1	10.627	.00014	.12693	26.256	2.4418	-.00846	.00379
#2	10.566	.00039	.12570	26.466	2.4205	-.00930	.00189
#3	10.602	.00028	.13311	26.078	2.4080	-.00848	.00980

Sample Name: K1268-13 Acquired: 1/31/2019 1:04:12 Type: Unk
 Method: P4-ICP2(v2813) 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	.00712	.0229	.27906	3.0124	F<.00000
Stddev	.00336	.0008	.00422	.0574	2.1428
%RSD	47.130	3.426	1.5139	1.9049	24.368

#1	.00550	.0238	.28105	2.9727	-9.5538
#2	.01098	.0223	.28192	2.9863	-10.452
#3	.00488	.0226	.27421	3.0782	-6.3740

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3958.1	46876.	4012.7	12.355	4084.3
Stddev	24.2	176.	40.7	.806	27.2
%RSD	.61185	.37481	1.0155	6.5263	.66638

#1	3946.1	47073.	3974.8	11.502	4076.5
#2	3942.3	46818.	4007.5	12.459	4061.9
#3	3986.0	46736.	4055.8	13.105	4114.6

Sample Name: CCV13 Acquired: 1/31/2019 1:08:49 Type: Unk
Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7902 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8907	4.8894	4.9067	4.8333	4.8365	9.3206	9.0113	.24910
Stddev	.0180	.0036	.0087	.0119	.0202	.0588	.0432	.00053
%RSD	.36874	.07438	.17818	.24686	.41683	.63094	.47920	.21403
#1	4.8788	4.8883	4.8968	4.8269	4.8202	9.2952	8.9674	.24957
#2	4.8818	4.8935	4.9097	4.8259	4.8302	9.2789	9.0538	.24920
#3	4.9114	4.8865	4.9135	4.8471	4.8591	9.3879	9.0127	.24852
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4841	26.324	1.0043	2.4232	1.2447	5.4563	2.5674	25.452
Stddev	.0018	.171	.0046	.0013	.0062	.0505	.0050	.206
%RSD	.07253	.65133	.46096	.05170	.49800	.92510	.19569	.80890
#1	2.4833	26.144	.99899	2.4218	1.2381	5.4490	2.5724	25.220
#2	2.4862	26.485	1.0069	2.4236	1.2455	5.5100	2.5675	25.518
#3	2.4829	26.342	1.0071	2.4242	1.2504	5.4099	2.5624	25.616
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4322	1.2004	22.828	2.4866	2.4838	23.577	4.9018	5.1095
Stddev	.0042	.0004	.052	.0010	.0006	.094	.0186	.0077
%RSD	.17063	.02950	.22807	.04138	.02226	.39789	.37889	.15163
#1	2.4339	1.2003	22.822	2.4867	2.4832	23.504	4.8844	5.1020
#2	2.4353	1.2008	22.882	2.4875	2.4837	23.683	4.8997	5.1091
#3	2.4275	1.2001	22.778	2.4855	2.4843	23.545	4.9214	5.1174
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2318	5.0903	4.9141	4.9692	4.8560	4.925	5.0404	F 3.7015
Stddev	.0872	.0368	.0066	.0412	.0221	.018	.0267	.1165
%RSD	1.6667	.72221	.13348	.82904	.45530	.3642	.53039	3.1473
#1	5.2520	5.0832	4.9206	4.9334	4.8329	4.907	5.0192	3.8253
#2	5.3071	5.1301	4.9075	4.9600	4.8769	4.942	5.0704	3.6851
#3	5.1363	5.0576	4.9143	5.0142	4.8582	4.927	5.0316	3.5941

Sample Name: CCV13 Acquired: 1/31/2019 1:08:49 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7902 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.4214
Stddev	1.8948
%RSD	55.381

#1	4.9365
#2	1.2968
#3	4.0308

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3832.7	45254.	3810.4	9.7596	3917.2
Stddev	8.4	293.	32.2	1.2393	6.6
%RSD	.21926	.64658	.84556	12.698	.16869

#1	3840.9	44923.	3793.2	10.109	3911.1
#2	3833.1	45364.	3790.5	10.786	3916.2
#3	3824.1	45476.	3847.6	8.3830	3924.2

Sample Name: CCB13 Acquired: 1/31/2019 1:12:51 Type: Unk
Method: P4-ICP2(v2813) 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	-.00044	-.00082	-.00109	-.00094	.00166	-.00756	.01336	.00004
Stddev	.00213	.00104	.00054	.00147	.00080	.01245	.00695	.00006
%RSD	481.76	127.01	49.464	155.85	48.018	164.58	52.046	140.98
#1	.00101	.00009	-.00147	-.00222	.00253	.00310	.01633	.00007
#2	.00055	-.00059	-.00133	-.00127	.00151	-.00455	.01833	-.00003
#3	-.00289	-.00196	-.00047	.00066	.00095	-.02124	.00541	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00066	.00013	.00001	-.00039	-.00432	-.00001	.01445
Stddev	.00006	.00974	.00059	.00008	.00055	.00194	.00005	.02577
%RSD	44.759	1478.7	470.88	1299.2	140.77	44.928	335.94	178.33
#1	-.00014	-.01048	.00021	-.00003	-.00068	-.00228	-.00000	.04274
#2	-.00019	.00757	.00067	-.00005	.00025	-.00454	.00003	-.00767
#3	-.00007	.00489	-.00051	.00010	-.00075	-.00614	-.00007	.00827
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	.00099	.28925	.00020	-.00010	.01406	.00010	.01035
Stddev	.00018	.00046	.02297	.00016	.00005	.02863	.00008	.00684
%RSD	31.361	46.031	7.9427	83.155	54.474	203.59	76.209	66.095
#1	-.00077	.00122	.26920	.00030	-.00004	.00616	.00007	.00245
#2	-.00044	.00047	.28425	.00028	-.00015	.04581	.00004	.01438
#3	-.00049	.00129	.31432	.00001	-.00010	-.00979	.00019	.01422
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .09026	.00249	.00046	.00542	F .00616	-.0014	-.00024	F 2.5137
Stddev	.02068	.00119	.00054	.00610	.00351	.0007	.00003	.0625
%RSD	22.914	47.927	116.58	112.66	57.011	47.24	10.523	2.4870
#1	.10101	.00386	.00064	.00134	.00472	-.0009	-.00027	2.5106
#2	.06641	.00197	.00090	.00247	.01017	-.0022	-.00023	2.5777
#3	.10335	.00165	-.00014	.01243	.00360	-.0011	-.00022	2.4527

Sample Name: CCB13 Acquired: 1/31/2019 1:12:51 Type: Unk
 Method: P4-ICP2(v2813) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .39818
Stddev	1.9637
%RSD	493.17

#1	-.77791
#2	-.69265
#3	2.6651

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3997.7	47782.	3809.8	11.504	4491.6
Stddev	25.2	246.	26.5	.825	33.6
%RSD	.63092	.51538	.69576	7.1684	.74784

#1	3968.6	47525.	3836.3	11.873	4452.9
#2	4014.1	47804.	3809.8	10.559	4508.8
#3	4010.4	48016.	3783.2	12.080	4513.2