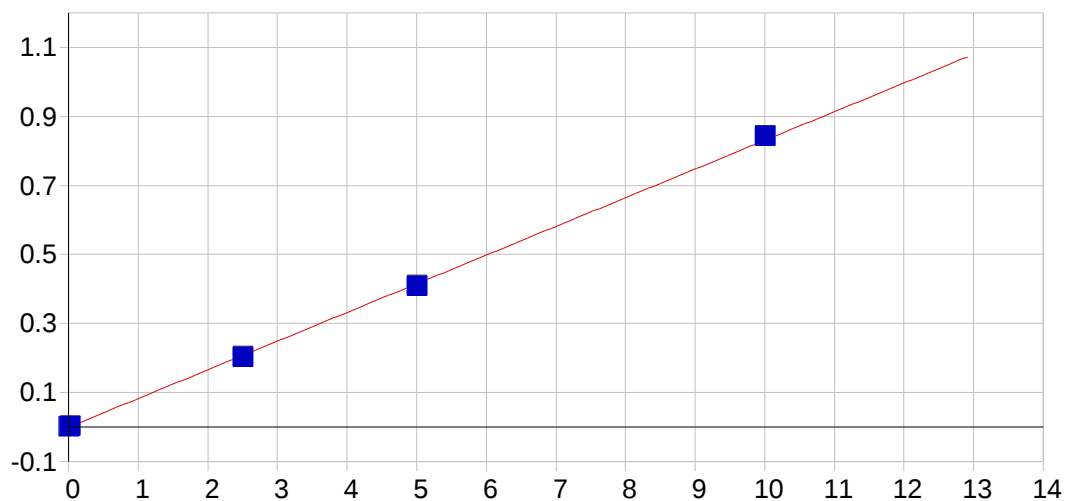


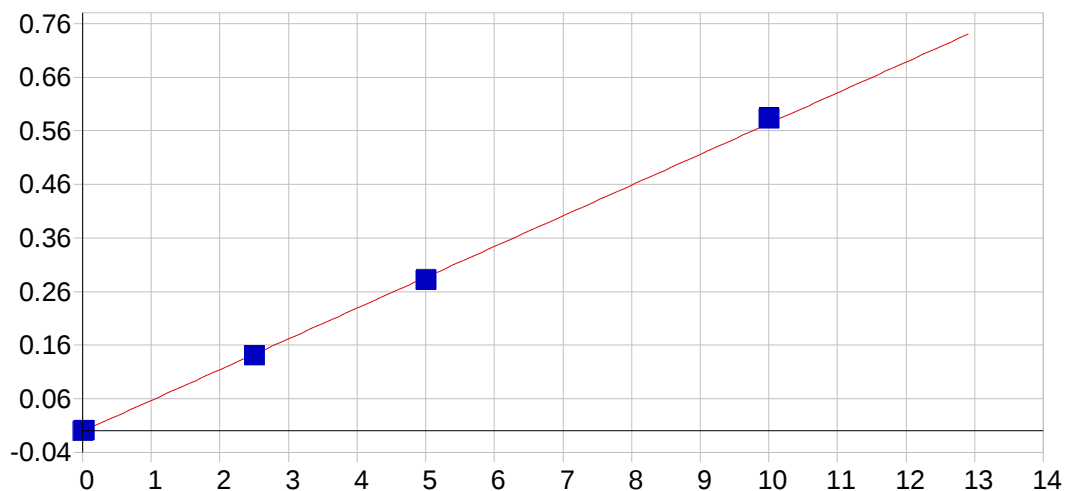


As 189.042 {478}

Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000511 Re-Slope: 1.000000
 A1 (Gain): 0.083115 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999856 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.002606
 Predicted MQL: 0.008687

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00051	.000	1
S1	.02000	.02030	.000	1.52	.00118	.000	1
S3	2.5000	2.4452	-.055	-2.19	.20270	.001	1
S4	5.0000	4.9082	-.092	-1.84	.40741	.002	1
S5	10.000	10.146	.146	1.46	.84274	.002	1



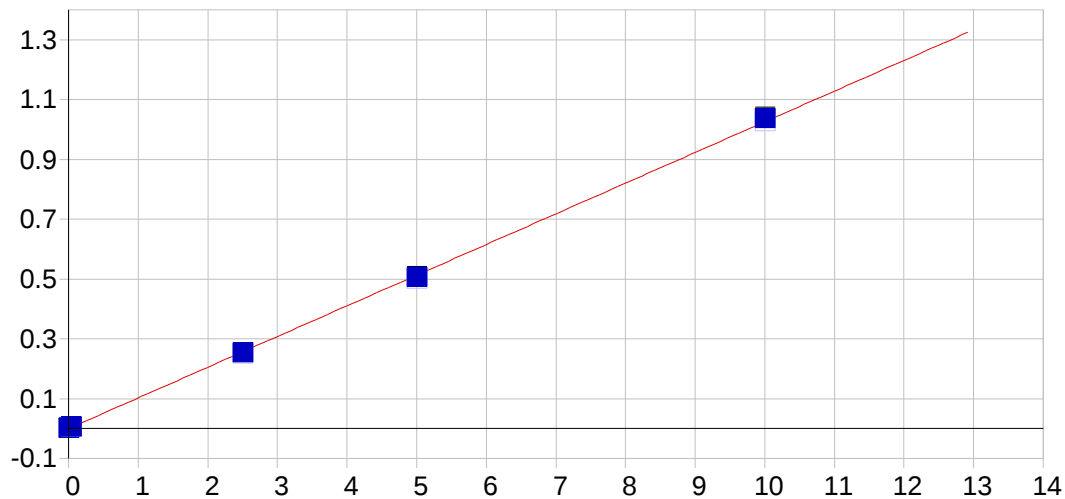
As 189.042 {479}

Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000244 Re-Slope: 1.000000

A1 (Gain): 0.057360 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.002457
 Predicted MQL: 0.008191

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00024	.000	1
S1	.02000	.02116	.001	5.82	.00097	.000	1
S3	2.5000	2.4438	-.056	-2.25	.13993	.000	1
S4	5.0000	4.8980	-.102	-2.04	.28071	.002	1
S5	10.000	10.157	.157	1.57	.58237	.002	1

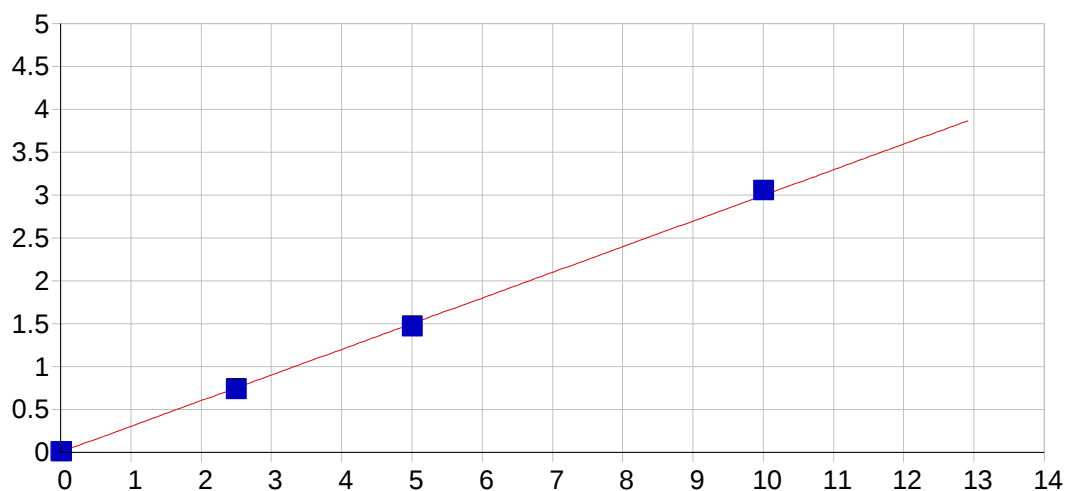


TI 190.856 {477}

Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000026 Re-Slope: 1.000000
 A1 (Gain): 0.102566 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.001565
 Predicted MQL: 0.005218

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00003	.000	1
S1	.04000	.04747	.007	18.7	.00474	.000	1
S3	2.5000	2.4618	-.038	-1.53	.24984	.001	1
S4	5.0000	4.9191	-.081	-1.62	.49924	.002	1
S5	10.000	10.112	.112	1.12	1.0266	.003	1

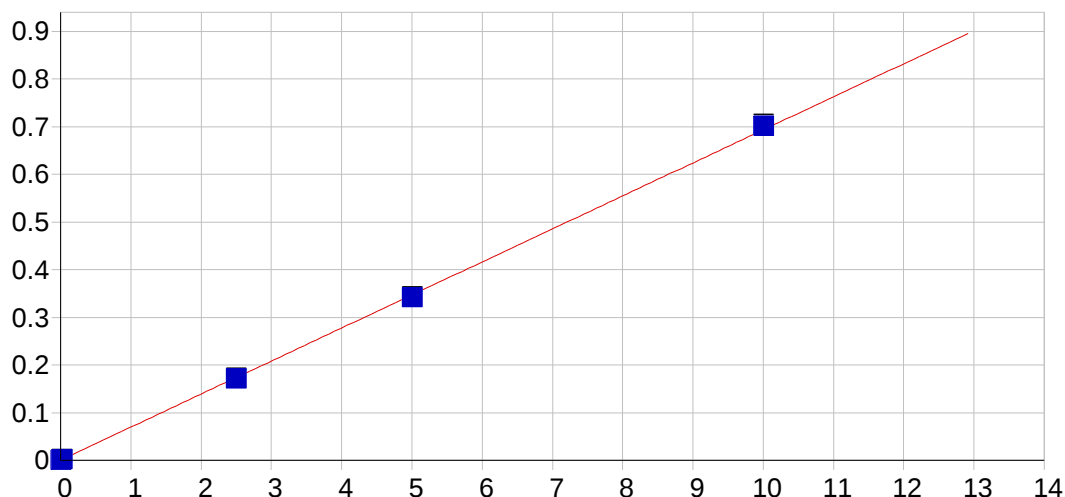


Pb 220.353 {453}

Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004623 Re-Slope: 1.000000
 A1 (Gain): 0.299167 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999774 Status: OK.
 Std Error of Est: 0.000119
 Predicted MDL: 0.000917
 Predicted MQL: 0.003056

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00462	.000	1
S1	.01200	.01445	.002	20.5	.00888	.000	1
S3	2.5000	2.4363	-.064	-2.55	.73255	.004	1
S4	5.0000	4.8849	-.115	-2.30	1.4641	.003	1
S5	10.000	10.176	.176	1.76	3.0453	.005	1



Se 196.090 {472}

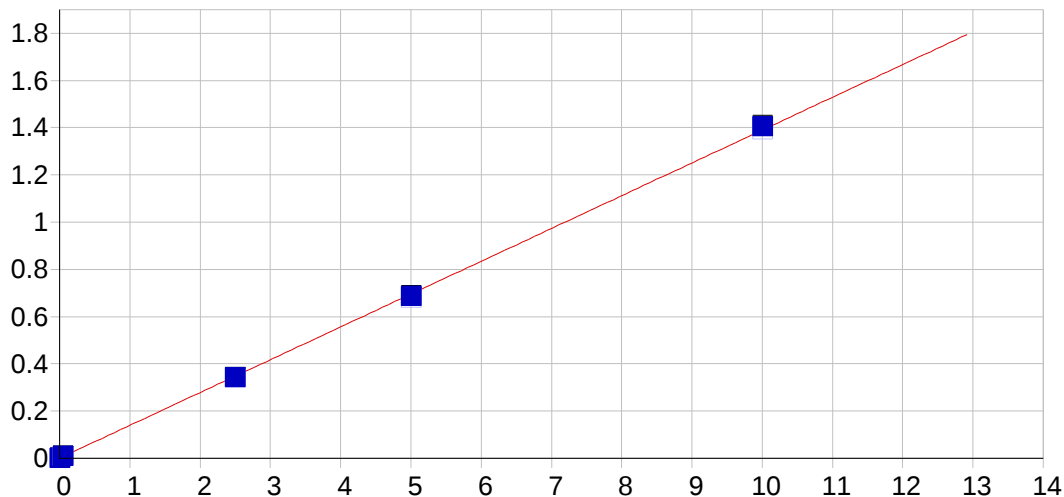
Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000451 Re-Slope: 1.000000
 A1 (Gain): 0.069314 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913
 Std Error of Est: 0.000022
 Predicted MDL: 0.002886
 Predicted MQL: 0.009619

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00045	.000	1
S1	.02000	.02003	.000	.136	.00184	.000	1
S3	2.5000	2.4604	-.040	-1.58	.17097	.000	1
S4	5.0000	4.9250	-.075	-1.50	.34178	.001	1
S5	10.000	10.115	.115	1.15	.70145	.003	1



Sb 206.833 {463}

Date of Fit: 2/7/2019 15:21:44

Type of Fit: Linear

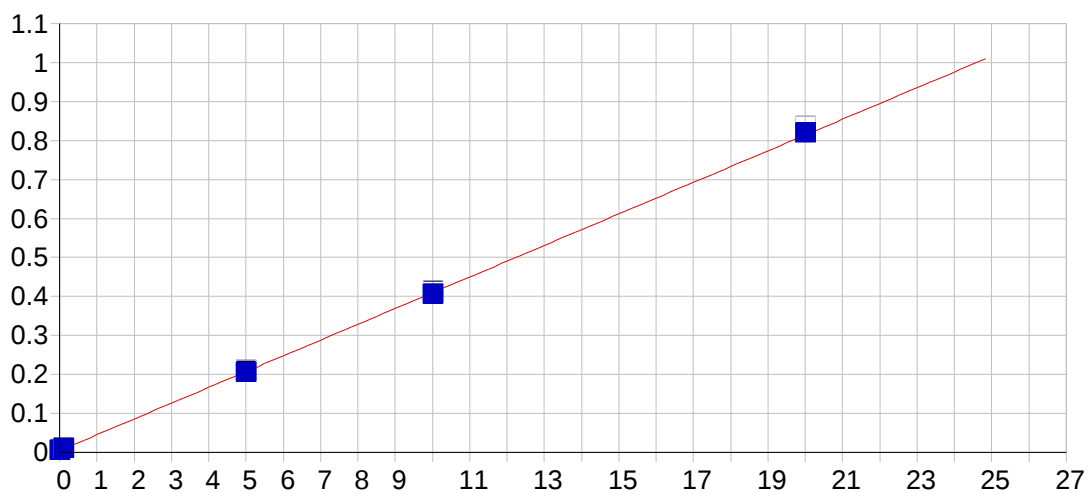
Weighting: 1/Conc

A0 (Offset): 0.000831
 A1 (Gain): 0.138906
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865
 Std Error of Est: 0.000086
 Predicted MDL: 0.001761
 Predicted MQL: 0.005872

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00083	.000	1
S1	.05000	.05922	.009	18.4	.00888	.000	1
S3	2.5000	2.4598	-.040	-1.61	.33861	.000	1
S4	5.0000	4.9243	-.076	-1.51	.67704	.004	1
S5	10.000	10.107	.107	1.07	1.3891	.004	1

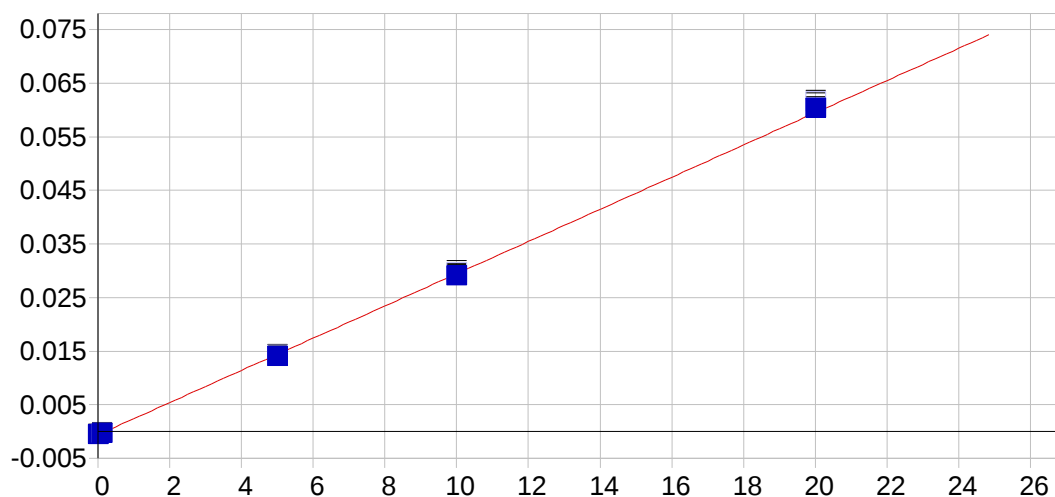


AI 308.215 {109}

Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004835 Re-Slope: 1.000000
 A1 (Gain): 0.040466 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.002822
 Predicted MQL: 0.009408

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00483	.000	1
S1	.10000	.12243	.022	22.4	.01007	.000	1
S3	5.0000	4.9577	-.042	-.847	.20948	.001	1
S4	10.000	9.8867	-.113	-1.13	.41297	.000	1
S5	20.000	20.132	.132	.660	.83561	.000	1



AI 309.271 {109}

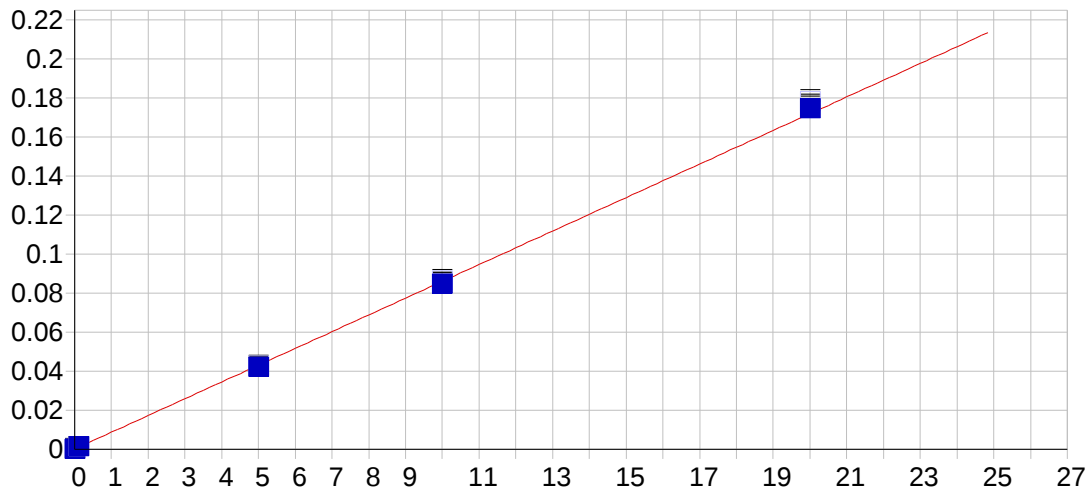
Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000610 Re-Slope: 1.000000
 A1 (Gain): 0.003005 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865
 Std Error of Est: 0.000004
 Predicted MDL: 0.025557
 Predicted MQL: 0.085191

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00061	.000	1
S1	.10000	.09742	-.003	-2.58	-.00030	.000	1
S3	5.0000	4.8563	-.144	-2.87	.01428	.000	1
S4	10.000	9.8665	-.134	-1.34	.02963	.000	1
S5	20.000	20.280	.280	1.40	.06152	.000	1



Date of Fit: 2/7/2019 15:21:44

Type of Fit: Linear

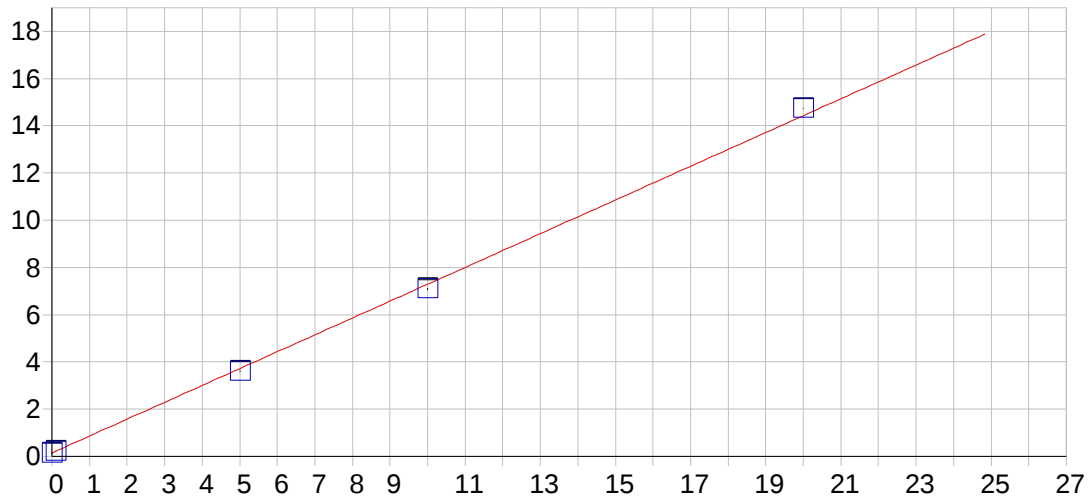
Weighting: 1/Conc

A0 (Offset): 0.000155
 A1 (Gain): 0.008591
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999766
 Std Error of Est: 0.000014
 Predicted MDL: 0.013670
 Predicted MQL: 0.045567

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00015	.000	1
S1	.10000	.12301	.023	23.0	.00127	.000	1
S3	5.0000	4.8562	-.144	-2.88	.04273	.000	1
S4	10.000	9.8211	-.179	-1.79	.08624	.001	1
S5	20.000	20.299	.299	1.49	.17797	.001	1

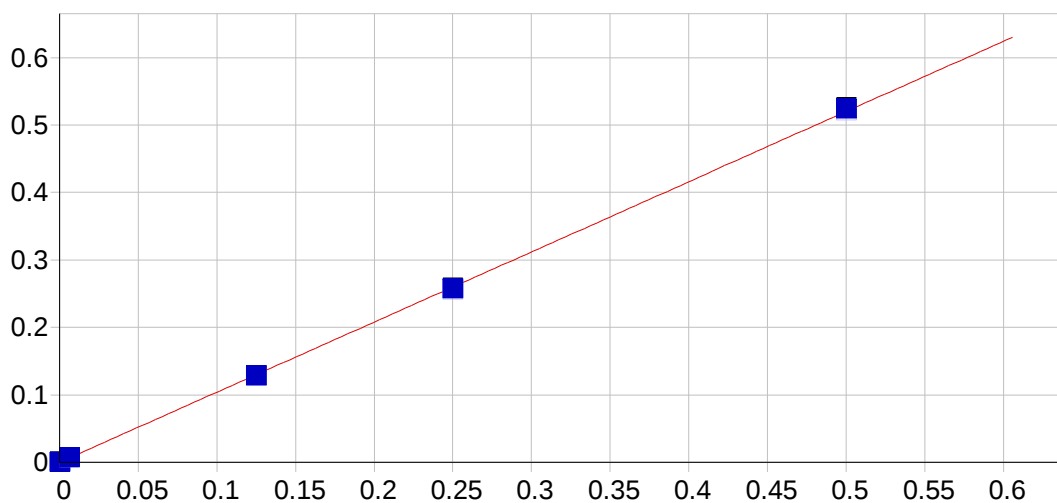


Ba 493.409 { 68}

Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.147355 Re-Slope: 1.000000
 A1 (Gain): 0.714135 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999655 Status: OK.
 Std Error of Est: 0.001434
 Predicted MDL: 0.004384
 Predicted MQL: 0.014613

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.14735	.003	1
S1	.10000	.11464	.015	14.6	.22923	.003	1
S3	5.0000	4.8368	-.163	-3.26	3.6015	.024	1
S5	20.000	20.426	.426	2.13	14.734	.013	1
S4	10.000	9.7230	-.277	-2.77	7.0909	.050	1



Be 234.861 {144}

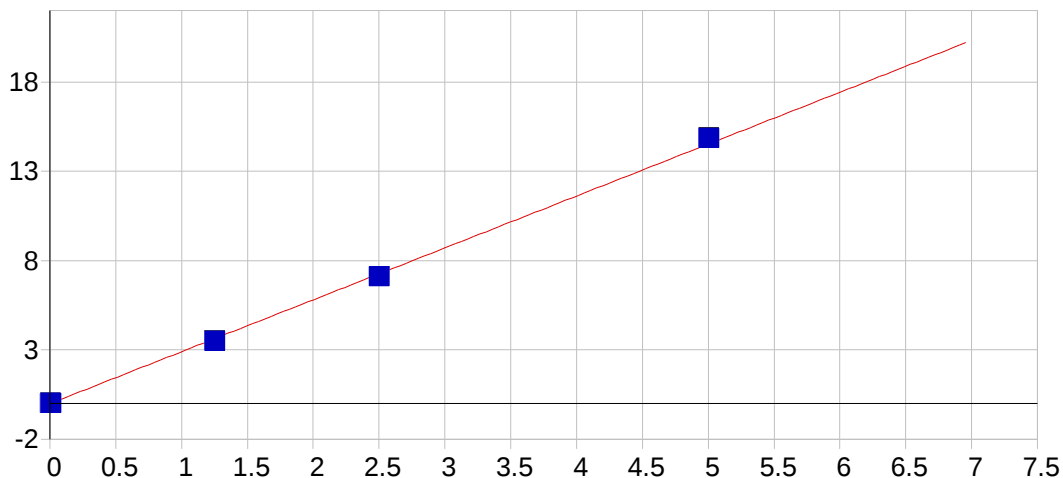
Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000024 Re-Slope: 1.000000
 A1 (Gain): 1.039669 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890
 Std Error of Est: 0.000045
 Predicted MDL: 0.000068
 Predicted MQL: 0.000227

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.00600	.00677	.001	12.8	.00700	.000	1
S3	.12500	.12299	-.002	-1.61	.12708	.001	1
S4	.25000	.24729	-.003	-1.08	.25549	.001	1
S5	.50000	.50395	.004	.790	.52070	.001	1



Cd 226.502 {449}

Date of Fit: 2/7/2019 15:21:44

Type of Fit: Linear

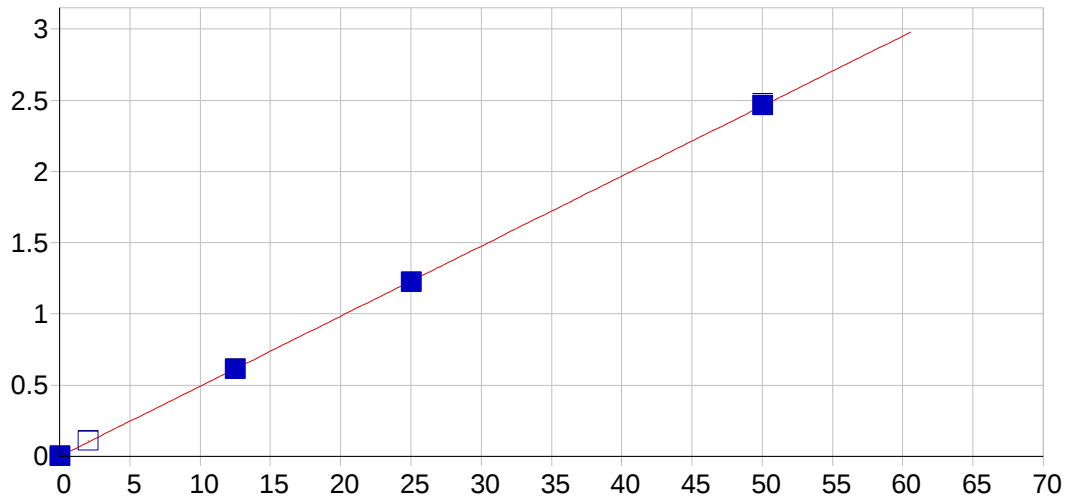
Weighting: 1/Conc

A0 (Offset): -0.002482
 A1 (Gain): 2.904635
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999675
 Std Error of Est: 0.000693
 Predicted MDL: 0.000098
 Predicted MQL: 0.000325

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	-.00248	.000	1
S1	.00600	.00627	.000	4.44	.01575	.000	1
S3	1.2500	1.2010	-.049	-3.92	3.4869	.016	1
S4	2.5000	2.4405	-.060	-2.38	7.0878	.022	1
S5	5.0000	5.1082	.108	2.16	14.838	.026	1

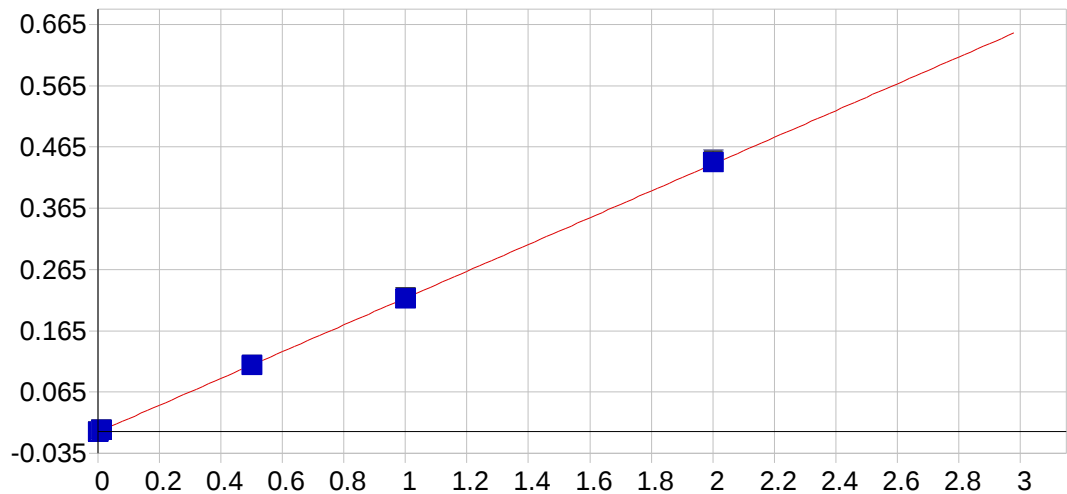


Ca 373.690 { 90}

Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000603 Re-Slope: 1.000000
 A1 (Gain): 0.049179 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883 Status: OK.
 Std Error of Est: 0.000410
 Predicted MDL: 0.017356
 Predicted MQL: 0.057853

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1936	.194	9.68	.10848	.001	1
S0	.00000	-.00017	-.000	.000	.00059	.000	1
S3	12.500	12.411	-.089	-.711	.61129	.002	1
S4	25.000	24.814	-.186	-.743	1.2216	.002	1
S5	50.000	50.081	.081	.163	2.4648	.012	1



Cr 267.716 {126}

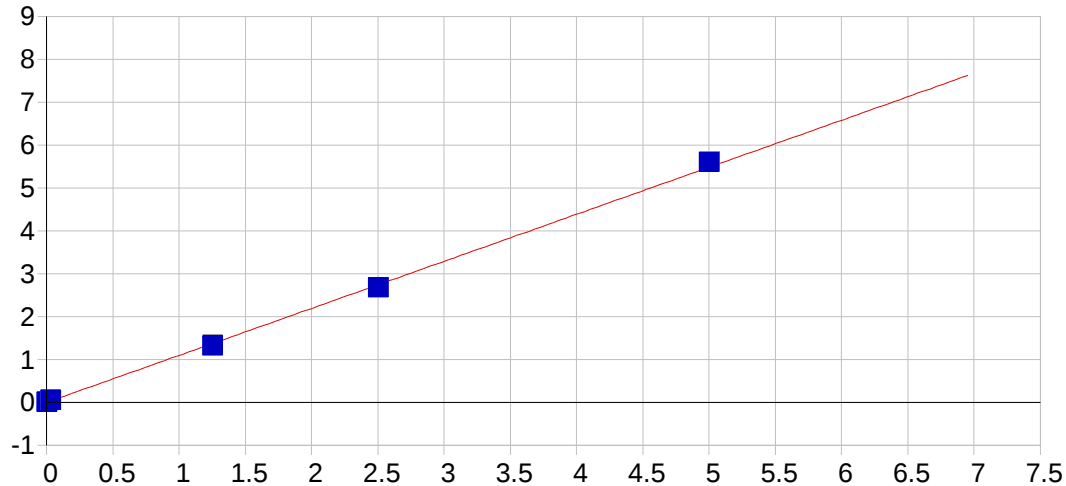
Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000256 Re-Slope: 1.000000
 A1 (Gain): 0.218577 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932
 Std Error of Est: 0.000020
 Predicted MDL: 0.000436
 Predicted MQL: 0.001453

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00026	.000	1
S1	.01000	.01162	.002	16.2	.00230	.000	1
S3	.50000	.49495	-.005	-1.01	.10879	.000	1
S4	1.0000	.99071	-.009	-.929	.21801	.001	1
S5	2.0000	2.0127	.013	.636	.44312	.000	1



Co 228.616 {447}

Date of Fit: 2/7/2019 15:21:44

Type of Fit: Linear

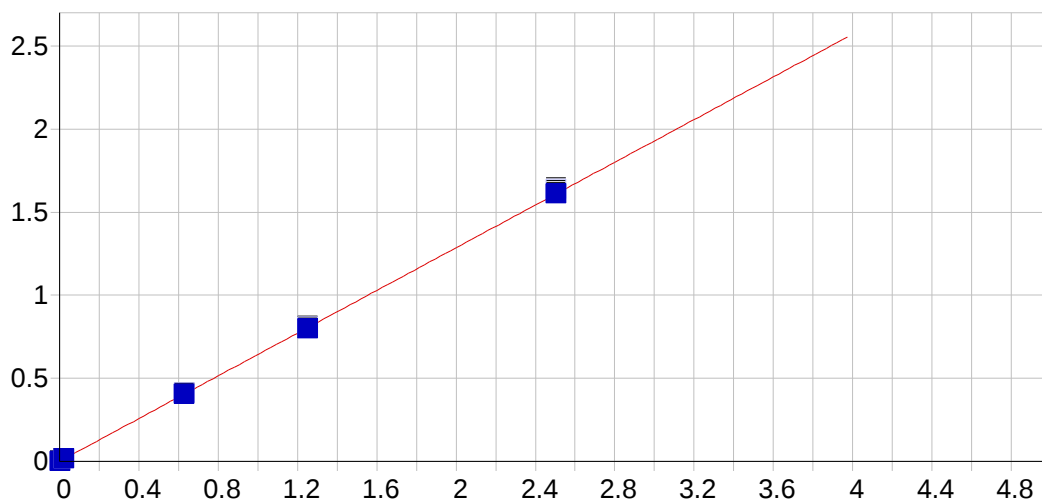
Weighting: 1/Conc

A0 (Offset): -0.000770
 A1 (Gain): 1.097062
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999624
 Std Error of Est: 0.000631
 Predicted MDL: 0.000238
 Predicted MQL: 0.000792

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	-.00077	.000	1
S1	.03000	.03529	.005	17.6	.03772	.000	1
S3	1.2500	1.2038	-.046	-3.70	1.3209	.006	1
S4	2.5000	2.4346	-.065	-2.62	2.6723	.007	1
S5	5.0000	5.1063	.106	2.13	5.6055	.011	1

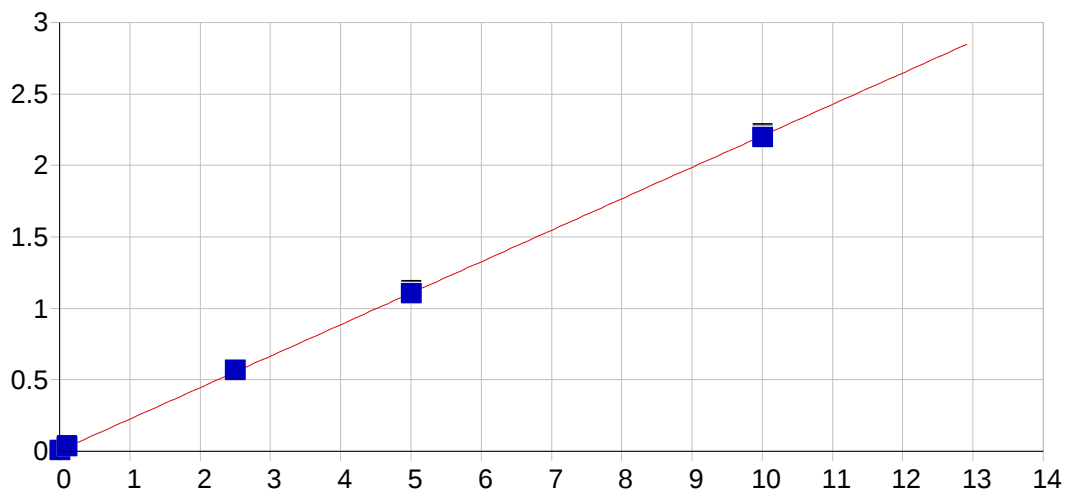


Cu 224.700 {450}

Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000724 Re-Slope: 1.000000
 A1 (Gain): 0.642575 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000094
 Predicted MDL: 0.000516
 Predicted MQL: 0.001720

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00072	.000	1
S1	.02000	.02332	.003	16.6	.01591	.000	1
S3	.62500	.62797	.003	.474	.41073	.001	1
S4	1.2500	1.2403	-.010	-.774	.81071	.003	1
S5	2.5000	2.5034	.003	.136	1.6353	.008	1



Fe 240.488 {140}

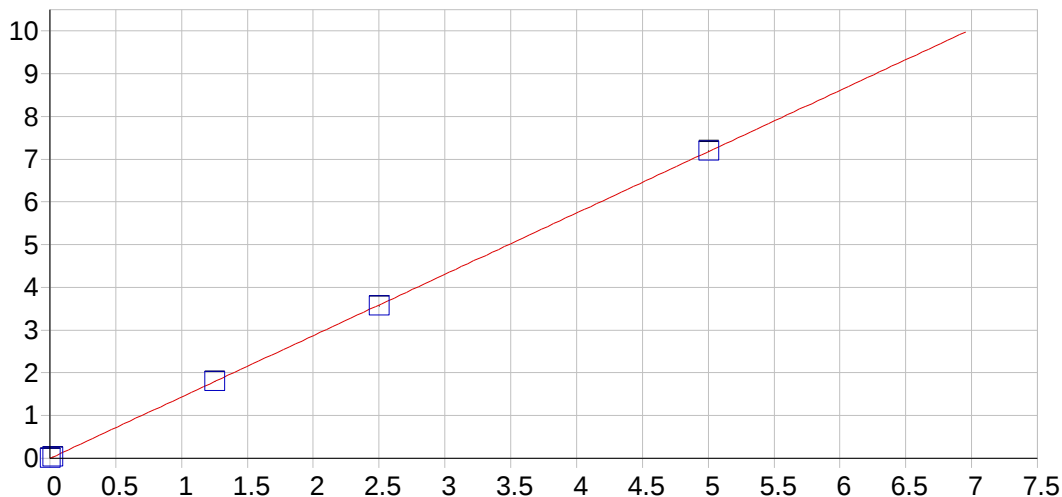
Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005466 Re-Slope: 1.000000
 A1 (Gain): 0.220133 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999792
 Std Error of Est: 0.000244
 Predicted MDL: 0.002350
 Predicted MQL: 0.007833

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00546	.000	1
S1	.10000	.12512	.025	25.1	.03312	.001	1
S3	2.5000	2.5434	.043	1.74	.56740	.002	1
S4	5.0000	4.9810	-.019	-.380	1.1061	.016	1
S5	10.000	9.9505	-.050	-.495	2.2041	.016	1



Mn 257.610 {131}

Date of Fit: 2/7/2019 15:21:44

Type of Fit: Linear

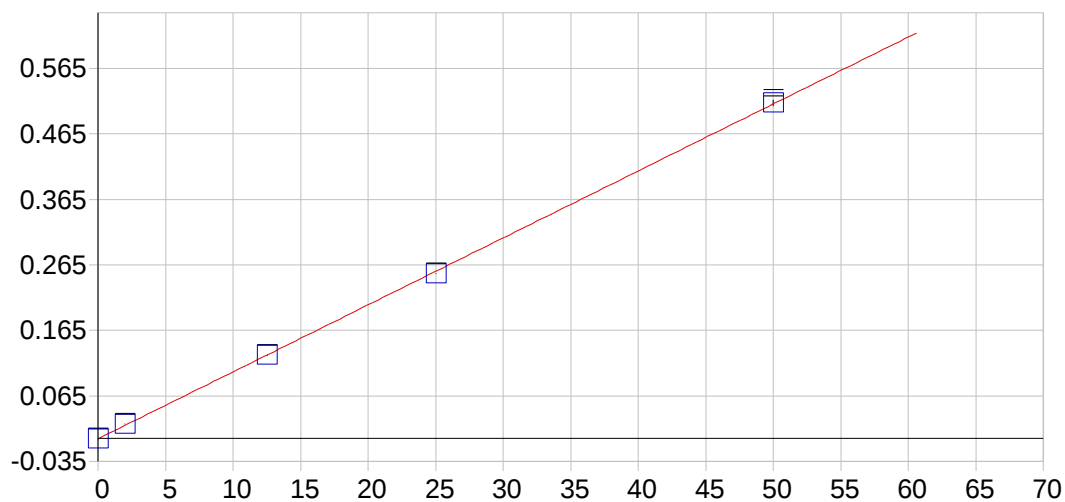
Weighting: 1/Conc

A0 (Offset): 0.000080
 A1 (Gain): 1.435215
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937
 Std Error of Est: 0.000274
 Predicted MDL: 0.000062
 Predicted MQL: 0.000206

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.02000	.02434	.004	21.7	.03501	.000	1
S3	1.2500	1.2532	.003	.255	1.7987	.001	1
S4	2.5000	2.4821	-.018	-.715	3.5625	.002	1
S5	5.0000	5.0104	.010	.207	7.1910	.014	1

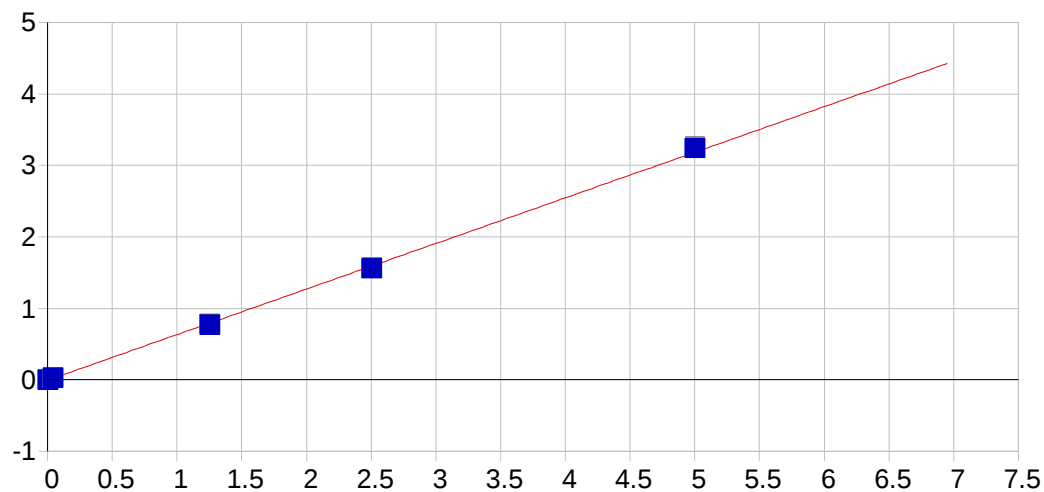


Mg 279.079 {121}

Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000508 Re-Slope: 1.000000
 A1 (Gain): 0.010223 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.041090
 Predicted MQL: 0.136968

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1898	.190	9.49	.02188	.000	1
S0	.00000	-.00017	-.000	.000	-.00051	.001	1
S3	12.500	12.503	.003	.023	.12731	.000	1
S4	25.000	24.667	-.333	-1.33	.25166	.001	1
S5	50.000	50.141	.141	.282	.51208	.005	1



Ni 231.604 {445}

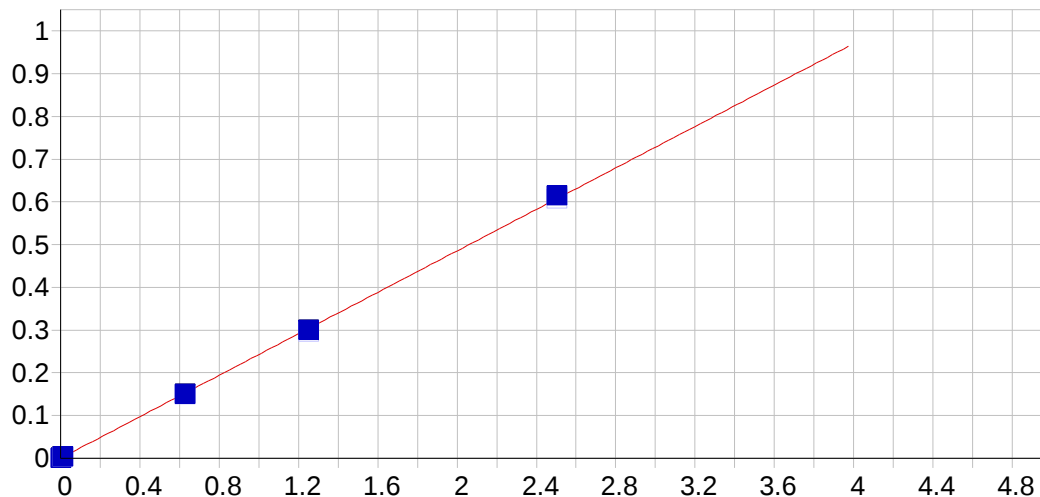
Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005285 Re-Slope: 1.000000
 A1 (Gain): 0.637910 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999721
 Std Error of Est: 0.000365
 Predicted MDL: 0.000429
 Predicted MQL: 0.001430

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00529	.000	1
S1	.04000	.04647	.006	16.2	.02437	.000	1
S3	1.2500	1.2108	-.039	-3.13	.76800	.004	1
S4	2.5000	2.4464	-.054	-2.14	1.5570	.004	1
S5	5.0000	5.0863	.086	1.73	3.2428	.008	1



Ag 328.068 {103}

Date of Fit: 2/7/2019 15:21:44

Type of Fit: Linear

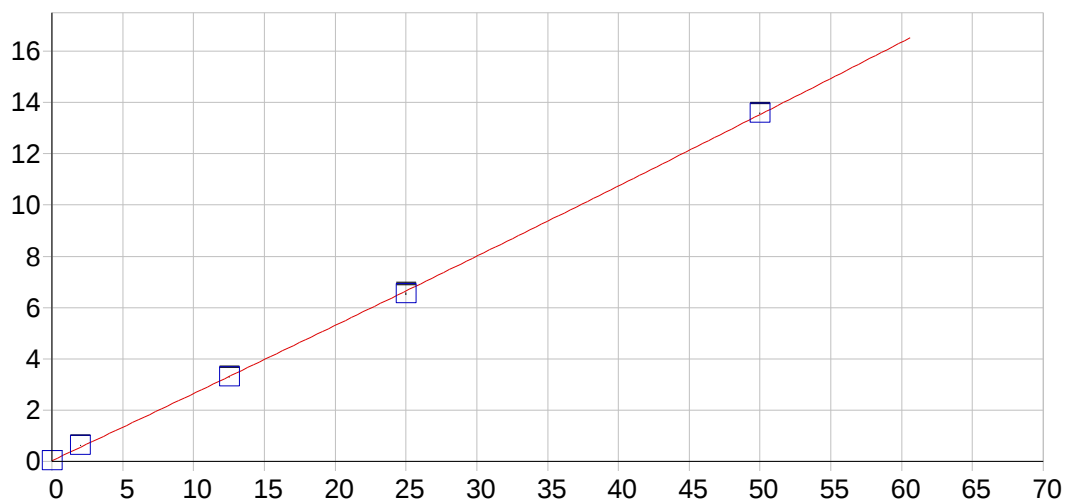
Weighting: 1/Conc

A0 (Offset): 0.000388
 A1 (Gain): 0.242566
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886
 Std Error of Est: 0.000031
 Predicted MDL: 0.000582
 Predicted MQL: 0.001939

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	.00039	.000	1
S1	.01000	.01139	.001	13.9	.00310	.000	1
S3	.62500	.61508	-.010	-1.59	.14787	.001	1
S4	1.2500	1.2303	-.020	-1.57	.29539	.001	1
S5	2.5000	2.5282	.028	1.13	.60677	.001	1



Na 589.592 { 57}

Date of Fit: 2/7/2019 15:21:44

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): 0.029528

Re-Slope: 1.000000

A1 (Gain): 0.259560

Y-int: 0.000000

A2 (Curvature): 0.000209

n (Exponent): 1.000000

Correlation: 0.999785

Status:

Warning

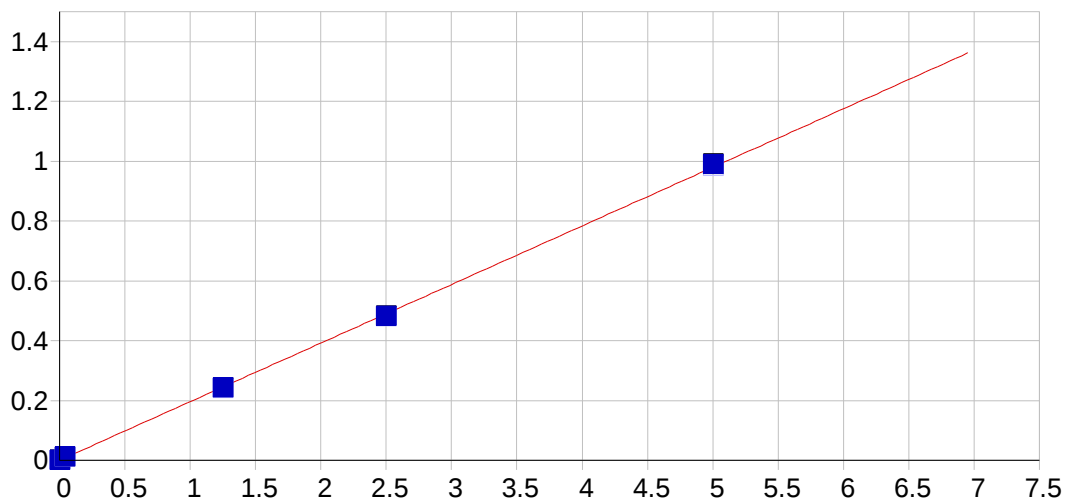
Positive Curvature

Std Error of Est: 0.003704

Predicted MDL: 0.011514

Predicted MQL: 0.038381

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2581	.258	12.9	.61672	.003	1
S0	.00000	-.00022	-.000	.000	.02947	.003	1
S3	12.500	12.427	-.073	-.583	3.2874	.023	1
S4	25.000	24.629	-.371	-1.48	6.5492	.052	1
S5	50.000	50.186	.186	.372	13.583	.025	1



V 292.402 {115}

Date of Fit: 2/7/2019 15:21:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000260

Re-Slope: 1.000000

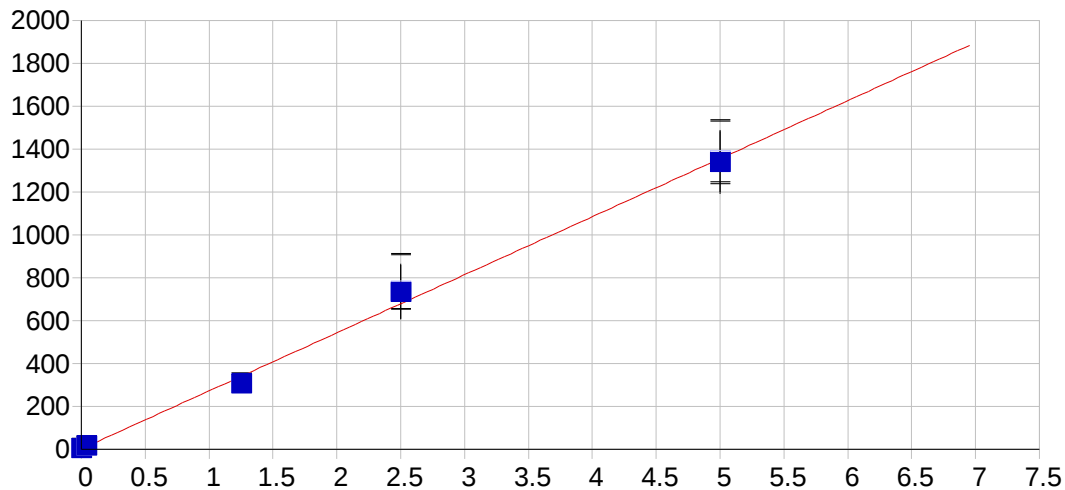
A1 (Gain): 0.195850

Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999808
 Std Error of Est: 0.000092
 Predicted MDL: 0.000524
 Predicted MQL: 0.001748

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00026	.000	1
S1	.04000	.04862	.009	21.6	.00966	.000	1
S3	1.2500	1.2296	-.020	-1.63	.23948	.000	1
S4	2.5000	2.4606	-.039	-1.58	.47896	.000	1
S5	5.0000	5.0513	.051	1.03	.98315	.002	1



Zn 206.200 {163}

Date of Fit: 2/7/2019 15:21:44

Type of Fit: Linear

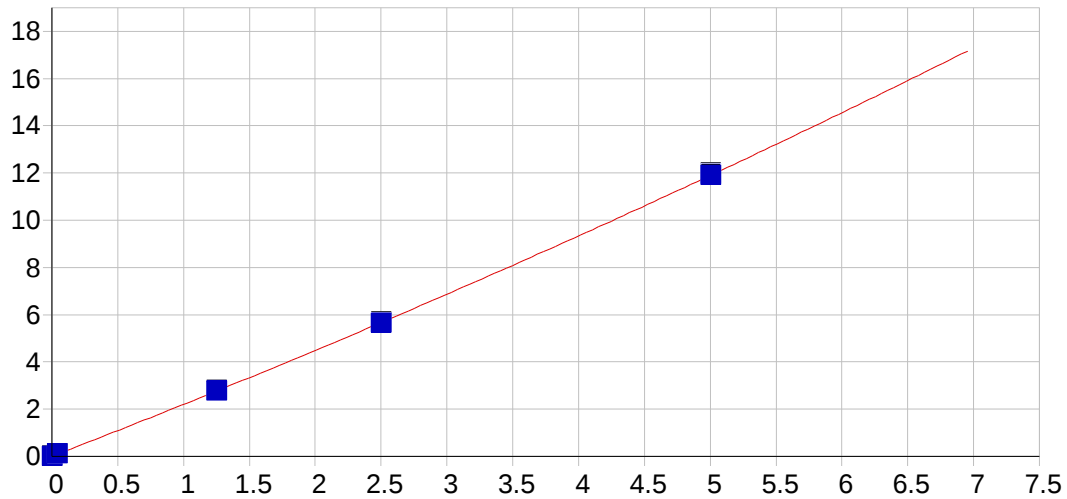
Weighting: 1/Conc

A0 (Offset): 1.922153
 A1 (Gain): 270.743651
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998243
 Std Error of Est: 0.391187
 Predicted MDL: 0.000223
 Predicted MQL: 0.000743

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	1.9215	.238	1
S1	.04000	.04416	.004	10.4	13.951	.931	1
S3	1.2500	1.1161	-.134	-10.7	306.15	2.84	1
S4	2.5000	2.6978	.198	7.91	736.42	128.	1
S5	5.0000	4.9320	-.068	-1.36	1345.4	146.	1



Zn 213.856 {458}

Date of Fit: 2/7/2019 15:21:44

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): 0.009528

Re-Slope: 1.000000

A1 (Gain): 2.147691

Y-int: 0.000000

A2 (Curvature): 0.046025

n (Exponent): 1.000000

Correlation: 0.999954

Status:

Warning

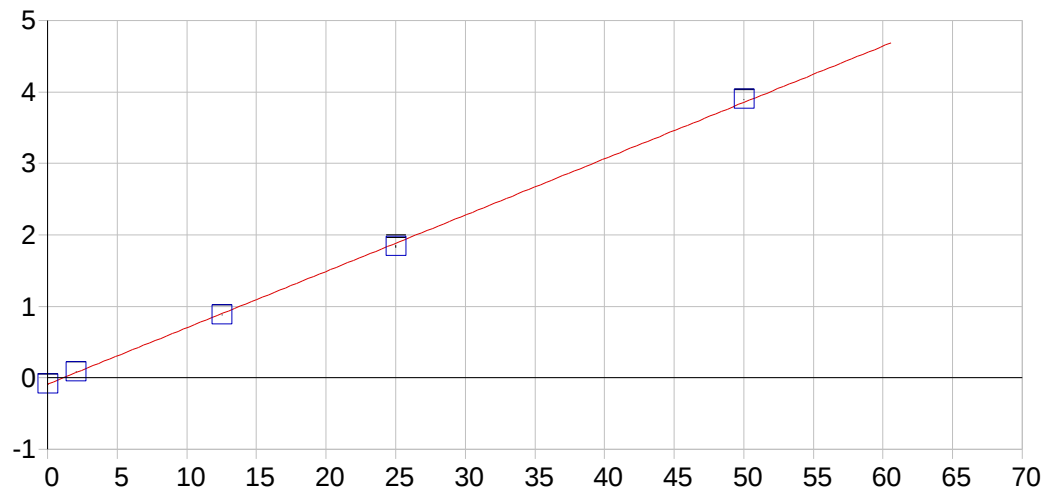
Positive Curvature

Std Error of Est: 0.000663

Predicted MDL: 0.000102

Predicted MQL: 0.000340

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00952	.000	1
S1	.04000	.04595	.006	14.9	.10892	.000	1
S3	1.2500	1.2500	-.000	-.002	2.7831	.013	1
S4	2.5000	2.4893	-.011	-.426	5.6754	.016	1
S5	5.0000	5.0048	.005	.096	11.980	.024	1



K 766.490 {44}

Date of Fit: 2/7/2019 15:21:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.087441

Re-Slope: 1.000000

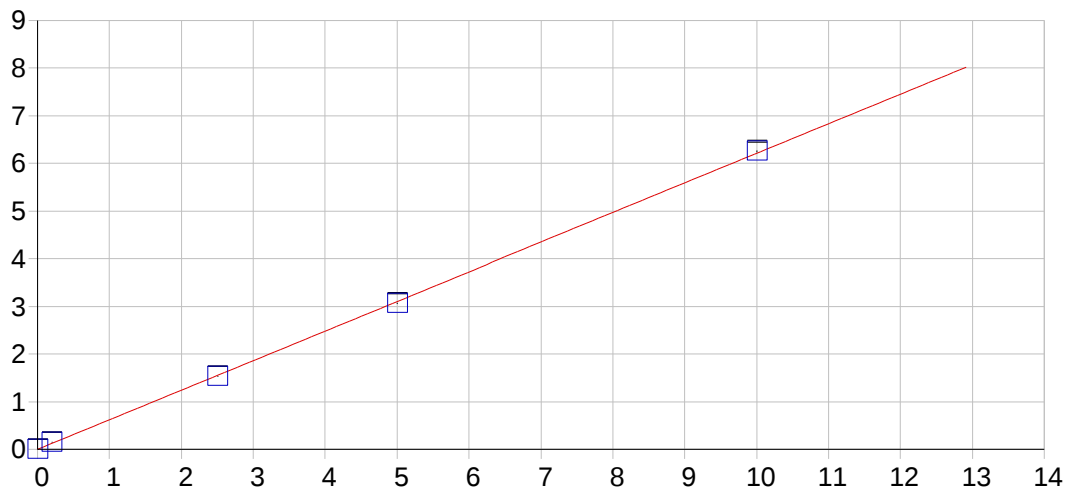
A1 (Gain): 0.078814

Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999825
 Std Error of Est: 0.000804
 Predicted MDL: 0.040927
 Predicted MQL: 0.136424

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1473	.147	7.36	.08179	.002	1
S0	.00000	-.00010	-.000	.000	-.08745	.000	1
S3	12.500	12.289	-.211	-1.69	.88108	.000	1
S4	25.000	24.493	-.507	-2.03	1.8429	.018	1
S5	50.000	50.571	.571	1.14	3.8983	.004	1



Mo 202.030 {467}

Date of Fit: 2/7/2019 15:21:44

Type of Fit: Linear

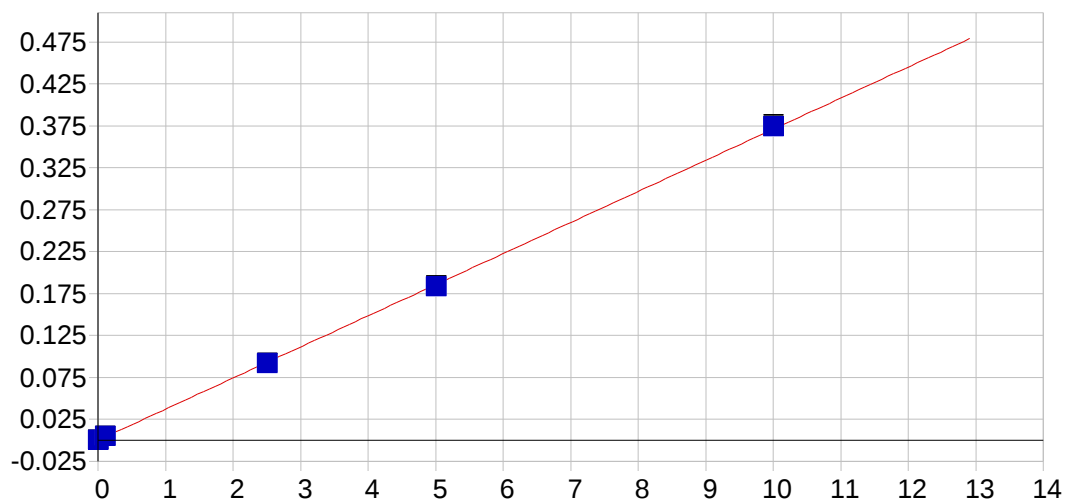
Weighting: 1/Conc

A0 (Offset): 0.000388
 A1 (Gain): 0.620978
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999825
 Std Error of Est: 0.000891
 Predicted MDL: 0.000316
 Predicted MQL: 0.001054

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	.00037	.000	1
S1	.20000	.22912	.029	14.6	.14266	.000	1
S3	2.5000	2.4717	-.028	-1.13	1.5353	.001	1
S4	5.0000	4.9263	-.074	-1.47	3.0595	.014	1
S5	10.000	10.073	.073	.729	6.2554	.023	1

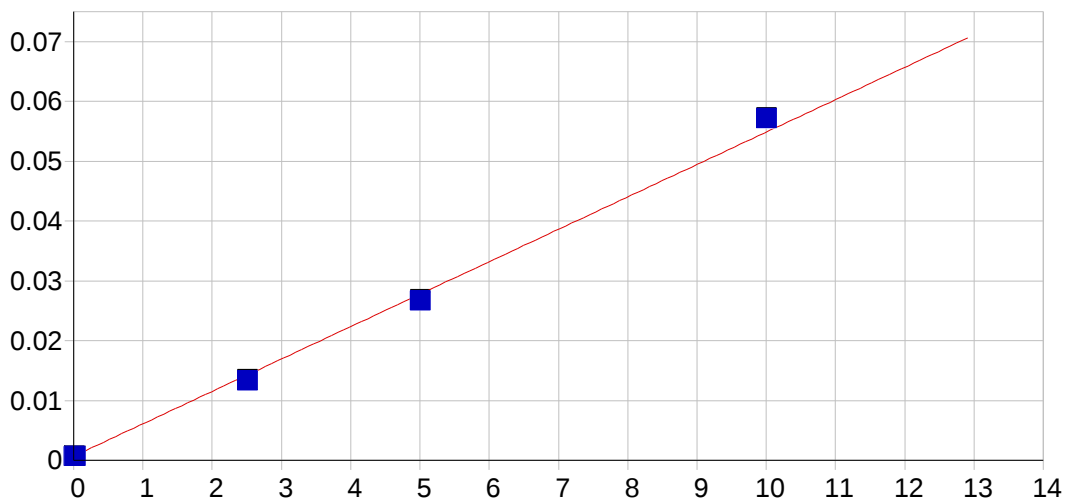


B 249.678 {135}

Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000185 Re-Slope: 1.000000
 A1 (Gain): 0.037090 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.008659
 Predicted MQL: 0.028862

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00018	.000	1
S1	.10000	.11750	.018	17.5	.00453	.000	1
S3	2.5000	2.4596	-.040	-1.62	.09119	.000	1
S4	5.0000	4.9394	-.061	-1.21	.18295	.001	1
S5	10.000	10.084	.084	.835	.37331	.002	1



S 182.034 {485}

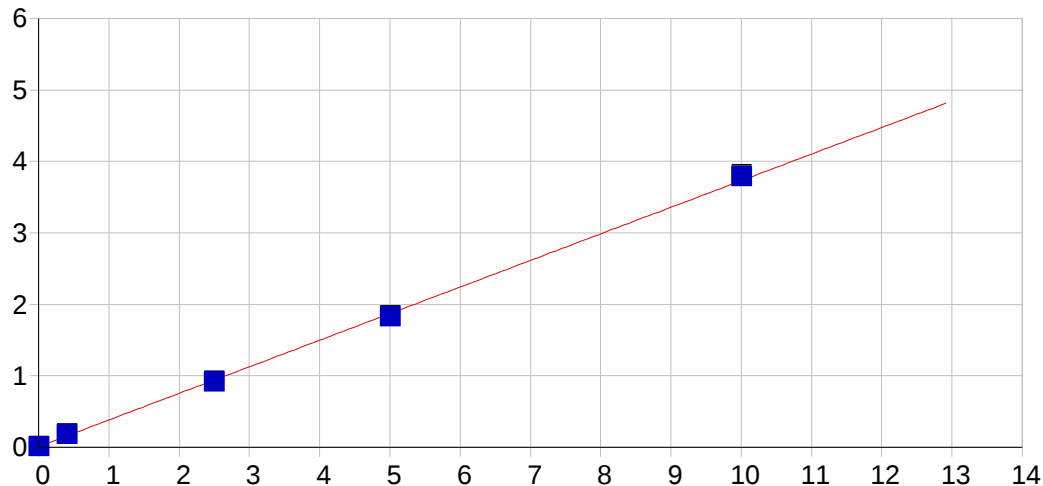
Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000685 Re-Slope: 1.000000
 A1 (Gain): 0.005418 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998167
 Std Error of Est: 0.000008
 Predicted MDL: 0.018031
 Predicted MQL: 0.060103

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00068	.000	1
S1	.02000	-.00233	-.022	-112.	.00067	.000	1
S3	2.5000	2.3200	-.180	-7.20	.01324	.000	1
S4	5.0000	4.7865	-.213	-4.27	.02659	.000	1
S5	10.000	10.415	.415	4.15	.05706	.000	1



Si 288.158 {117}

Date of Fit: 2/7/2019 15:21:44

Type of Fit: Linear

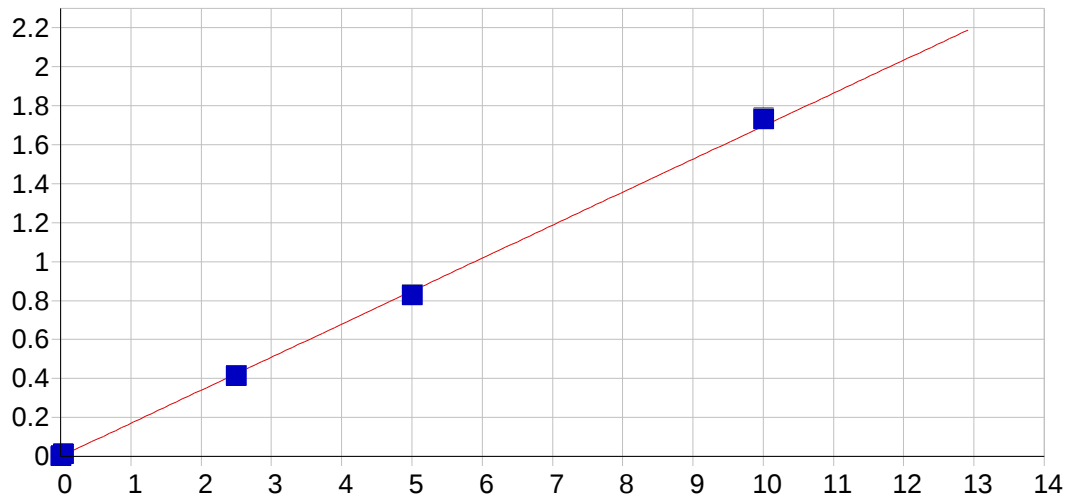
Weighting: 1/Conc

A0 (Offset): 0.010834
 A1 (Gain): 0.372046
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999565
 Std Error of Est: 0.001197
 Predicted MDL: 0.002703
 Predicted MQL: 0.009009

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	-.00004	-.000	.000	.01082	.001	1
S1	.40000	.45699	.057	14.2	.18073	.003	1
S3	2.5000	2.4281	-.072	-2.87	.91372	.005	1
S4	5.0000	4.8715	-.128	-2.57	1.8223	.015	1
S5	10.000	10.143	.143	1.43	3.7827	.028	1

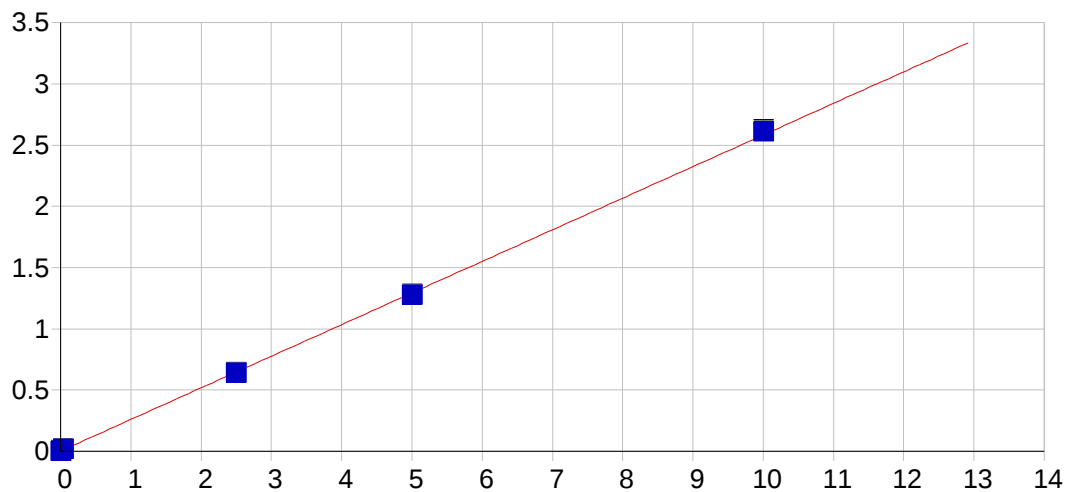


Sn 189.989 {477}

Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000607 Re-Slope: 1.000000
 A1 (Gain): 0.169476 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999682 Status: OK.
 Std Error of Est: 0.000146
 Predicted MDL: 0.000744
 Predicted MQL: 0.002481

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00061	.000	1
S1	.04000	.04661	.007	16.5	.00851	.000	1
S3	2.5000	2.4184	-.082	-3.26	.41055	.002	1
S4	5.0000	4.8719	-.128	-2.56	.82642	.002	1
S5	10.000	10.203	.203	2.03	1.7301	.005	1



Ti 336.121 {100}

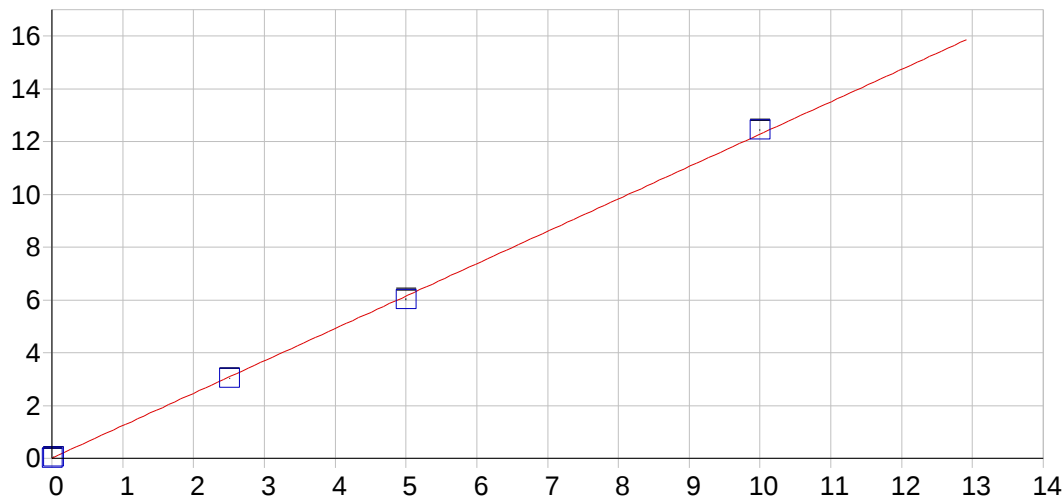
Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002395 Re-Slope: 1.000000
 A1 (Gain): 0.258004 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857
 Std Error of Est: 0.000149
 Predicted MDL: 0.002436
 Predicted MQL: 0.008121

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00239	.001	1
S1	.04000	.05017	.010	25.4	.01533	.000	1
S3	2.5000	2.4696	-.030	-1.21	.63949	.001	1
S4	5.0000	4.9245	-.076	-1.51	1.2728	.005	1
S5	10.000	10.096	.096	.957	2.6068	.014	1



Li 670.784 { 50}

Date of Fit: 2/7/2019 15:21:44

Type of Fit: Linear

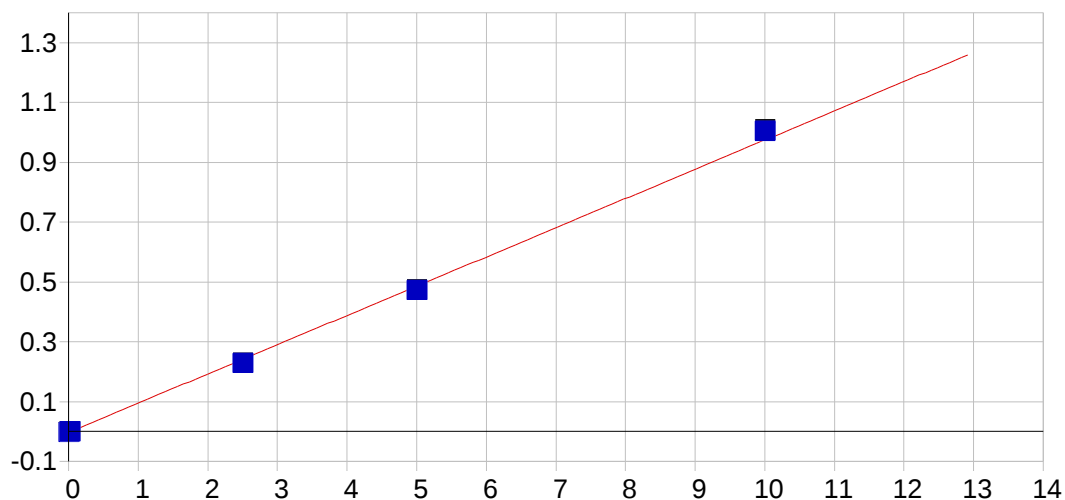
Weighting: 1/Conc

A0 (Offset): 0.010295
 A1 (Gain): 1.227271
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849
 Std Error of Est: 0.000515
 Predicted MDL: 0.002618
 Predicted MQL: 0.008726

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	.01029	.001	1
S1	.02000	.02443	.004	22.2	.04028	.002	1
S3	2.5000	2.4612	-.039	-1.55	3.0308	.011	1
S4	5.0000	4.9015	-.099	-1.97	6.0257	.047	1
S5	10.000	10.133	.133	1.33	12.446	.026	1



P 177.495 {490}

Date of Fit: 2/7/2019 15:21:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003108 Re-Slope: 1.000000
 A1 (Gain): 0.097748 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999384 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.001429
 Predicted MQL: 0.004764

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00311	.000	1
S1	.02000	.02012	.000	.602	-.00115	.000	1
S3	2.5000	2.3540	-.146	-5.84	.22664	.000	1
S4	5.0000	4.8520	-.148	-2.96	.47046	.003	1
S5	10.000	10.294	.294	2.94	1.0017	.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

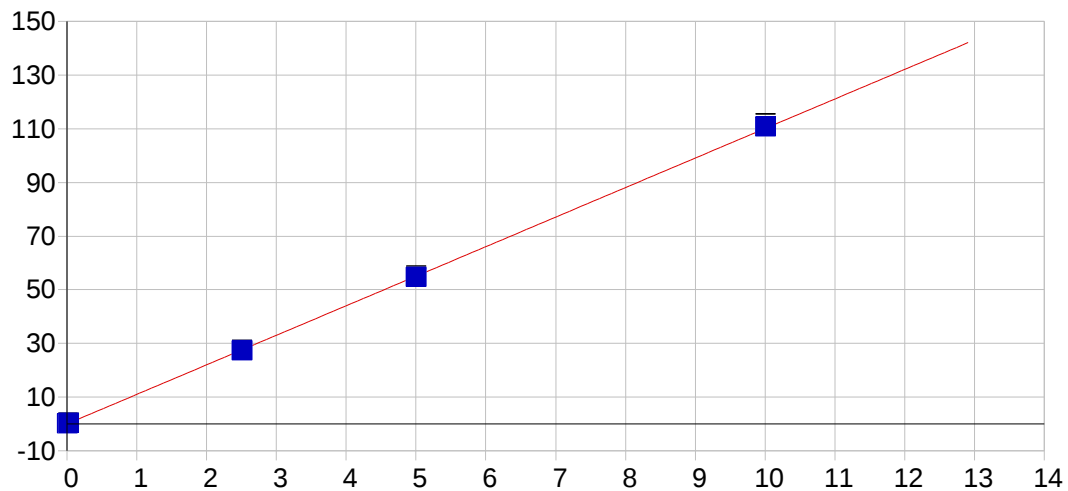
Status: Warning Zero Gain

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: 2/7/2019 15:21:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.009693

Re-Slope: 1.000000

A1 (Gain): 11.000279

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999970

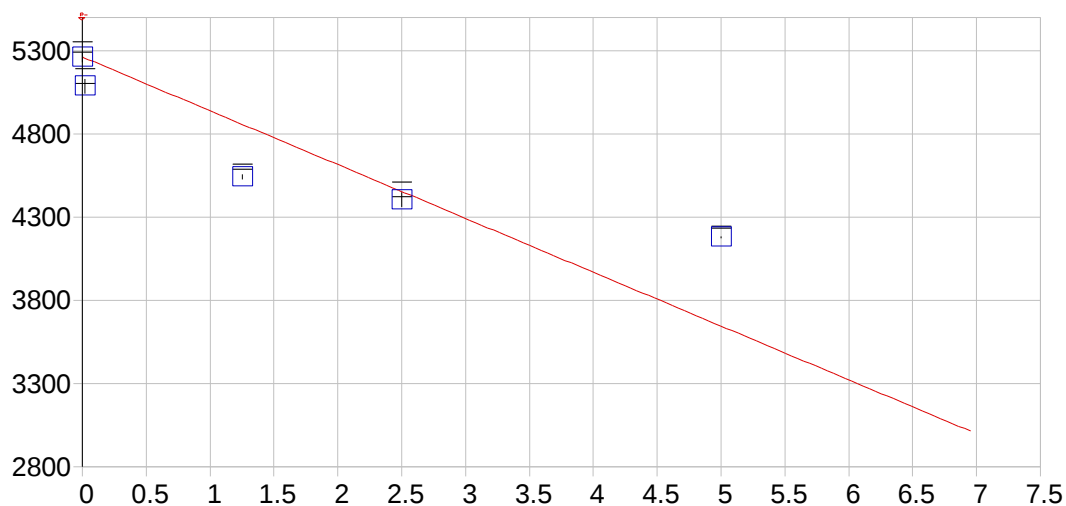
Status: OK.

Std Error of Est: 0.002069

Predicted MDL: 0.000111

Predicted MQL: 0.000369

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00972	.001	1
S1	.02000	.02238	.002	11.9	.23771	.000	1
S3	2.5000	2.4828	-.017	-.690	27.332	.176	1
S4	5.0000	4.9586	-.041	-.828	54.597	.384	1
S5	10.000	10.056	.056	.563	110.73	1.06	1



Date of Fit: 2/7/2019 15:21:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 5262.940709

Re-Slope: 1.000000

A1 (Gain): -323.465816

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.608521

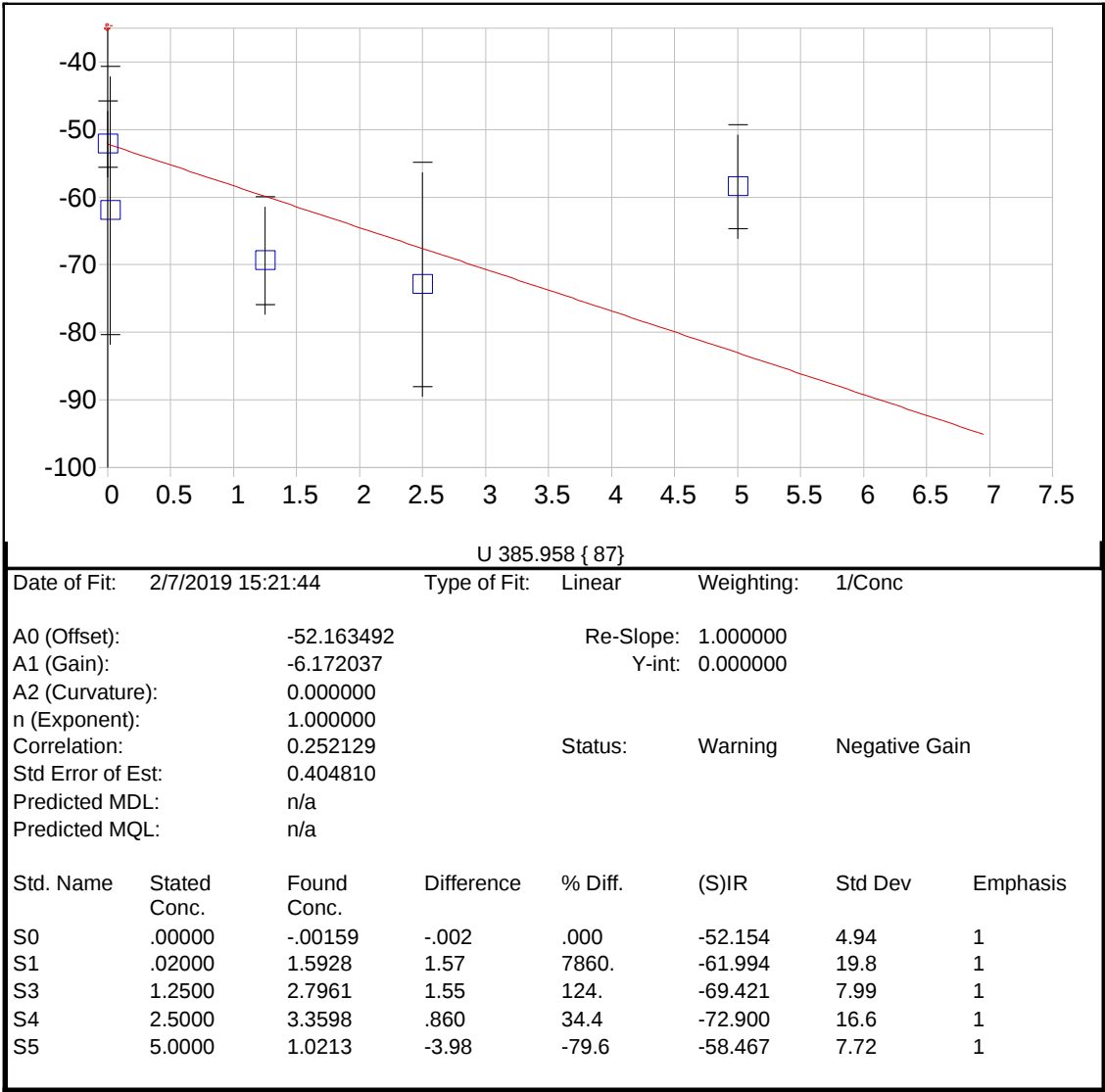
Status: Warning Negative Gain

Std Error of Est: 7.208232

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00053	-.001	.000	5263.1	30.6	1
S1	.02000	.54122	.521	2610.	5087.9	44.7	1
S3	1.2500	2.2264	.976	78.1	4542.8	16.8	1
S4	2.5000	2.6514	.151	6.05	4405.3	44.8	1
S5	5.0000	3.3510	-1.65	-33.0	4179.0	6.45	1



Sample Name: S0 Acquired: 2/7/2019 11:45:39 Type: Cal
Method: P4-ICP2(v2837) 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	-.00024	-.00003	.00462	.00045	.00083	.00015	.14735	.00002
Stddev	.00004	.00011	.00008	.00016	.00007	.00011	.00339	.00001
%RSD	17.214	432.42	1.7345	35.023	8.2034	67.986	2.3037	44.632
#1	-.00024	.00008	.00453	.00027	.00078	.00009	.15103	.00001
#2	-.00020	-.00015	.00464	.00053	.00081	.00010	.14666	.00002
#3	-.00029	-.00001	.00469	.00055	.00091	.00028	.14435	.00003
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	-.00248	.00059	-.00026	-.00077	.00072	.00546	.00007	-.00051
Stddev	.00018	.00005	.00006	.00011	.00014	.00017	.00007	.00061
%RSD	7.1534	8.5154	25.266	14.250	19.374	3.0670	92.516	119.31
#1	-.00237	.00054	-.00033	-.00066	.00056	.00556	.00008	-.00055
#2	-.00269	.00064	-.00024	-.00088	.00081	.00555	.00000	-.00110
#3	-.00239	.00060	-.00020	-.00078	.00079	.00527	.00014	.00012
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	-.00529	.00039	.02947	.00026	.00952	-.08745	.00037	.00018
Stddev	.00018	.00006	.00323	.00006	.00047	.00044	.00015	.00036
%RSD	3.3869	14.397	10.969	22.423	4.9247	.50695	40.833	194.59
#1	-.00549	.00043	.02709	.00032	.01005	-.08748	.00020	-.00019
#2	-.00521	.00032	.02817	.00020	.00930	-.08699	.00046	.00052
#3	-.00516	.00041	.03315	.00026	.00919	-.08788	.00046	.00023
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	.00068	.01082	.00061	.00239	.01029	-.0031	-.00972	5263.1
Stddev	.00005	.00084	.00013	.00121	.00138	.0002	.00129	30.6
%RSD	7.7110	7.7746	21.551	50.632	13.415	5.236	13.310	.58207
#1	.00075	.01113	.00072	.00124	.00887	-.0029	-.00830	5253.5
#2	.00065	.00987	.00046	.00366	.01162	-.0032	-.01003	5238.4
#3	.00066	.01146	.00064	.00228	.01038	-.0032	-.01083	5297.4

Sample Name: S0 Acquired: 2/7/2019 11:45:39 Type: Cal
Method: P4-ICP2(v2837) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-52.154
Stddev	4.944
%RSD	9.4788

#1	-46.968
#2	-56.814
#3	-52.679

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3483.7	44916.	4374.6	15.818	4051.3
Stddev	9.3	197.	19.4	1.026	13.5
%RSD	.26835	.43791	.44424	6.4873	.33365

#1	3472.9	44775.	4361.9	15.898	4035.7
#2	3489.3	44833.	4365.0	14.755	4059.3
#3	3488.9	45141.	4397.0	16.802	4058.9

Sample Name: S1 Acquired: 2/7/2019 11:50:06 Type: Cal
Method: P4-ICP2(v2837) 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	.00097	.00474	.00888	.00184	.00888	.00127	.22923	.00700
Stddev	.00006	.00020	.00033	.00014	.00003	.00008	.00334	.00002
%RSD	6.3953	4.2028	3.6974	7.4668	.38382	6.1733	1.4567	.33732

#1	.00099	.00451	.00879	.00170	.00889	.00135	.22548	.00698
#2	.00090	.00484	.00861	.00197	.00891	.00120	.23032	.00698
#3	.00102	.00486	.00925	.00185	.00885	.00127	.23188	.00702

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	.01575	.00230	.03772	.01591	.03312	.03501	.02437	.00310
Stddev	.00016	.00005	.00030	.00011	.00073	.00035	.00023	.00014
%RSD	1.0243	2.3393	.79409	.71060	2.2115	1.0038	.94584	4.5355

#1	.01565	.00225	.03777	.01601	.03340	.03535	.02430	.00326
#2	.01594	.00236	.03800	.01593	.03367	.03503	.02463	.00303
#3	.01567	.00228	.03741	.01579	.03229	.03465	.02419	.00301

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	.00966	.10892	.14266	.00453	.00067	.18073	.00851	.01533
Stddev	.00014	.00025	.00031	.00036	.00008	.00295	.00002	.00004
%RSD	1.4042	.23283	.21794	7.9165	11.782	1.6311	.27220	.28261

#1	.00979	.10884	.14231	.00419	.00071	.18400	.00849	.01538
#2	.00967	.10871	.14279	.00490	.00058	.17992	.00853	.01530
#3	.00952	.10920	.14289	.00449	.00072	.17827	.00849	.01532

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04028	-.0011	.23771	5087.9	-61.994
Stddev	.00210	.0001	.00046	44.7	19.838
%RSD	5.2188	8.026	.19462	.87879	32.000

#1	.04152	-.0012	.23809	5054.6	-84.829
#2	.03786	-.0011	.23785	5138.7	-48.992
#3	.04147	-.0011	.23719	5070.4	-52.162

Sample Name: S1 Acquired: 2/7/2019 11:50:06 Type: Cal
Method: P4-ICP2(v2837) 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	3478.4	44468.	4459.5	15.164	4037.0
Stddev	6.7	111.	40.5	.984	1.6
%RSD	.19231	.25016	.90770	6.4919	.04029
#1	3473.7	44379.	4412.9	14.107	4035.1
#2	3486.0	44592.	4479.5	15.330	4037.9
#3	3475.3	44432.	4486.2	16.055	4037.9

Sample Name: S2 Acquired: 2/7/2019 11:54:30 Type: Cal
Method: P4-ICP2(v2837) 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	.10848	.02188	.61672	.08179
Stddev	.00133	.00040	.00344	.00178
%RSD	1.2286	1.8443	.55845	2.1707

#1	.10695	.02141	.61329	.08233
#2	.10941	.02213	.62018	.08324
#3	.10908	.02209	.61667	.07981

Int. Std.	Y_3710
Units	Cts/S
Avg	4474.7
Stddev	33.3
%RSD	.74432

#1	4512.5
#2	4462.0
#3	4449.7

Sample Name: S3 Acquired: 2/7/2019 11:58:44 Type: Cal
Method: P4-ICP2(v2837) 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	.13993	.24984	.73255	.17097	.33861	.04273	3.6015	.12708
Stddev	.00031	.00068	.00447	.00042	.00027	.00027	.0243	.00051
%RSD	.22002	.27065	.61017	.24656	.08041	.63937	.67372	.40358

#1	.13960	.25052	.73569	.17057	.33874	.04245	3.6276	.12664
#2	.14020	.24917	.72743	.17095	.33880	.04299	3.5796	.12694
#3	.14000	.24984	.73453	.17141	.33830	.04275	3.5973	.12764

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	3.4869	.61129	.10879	1.3209	.41073	.56740	1.7987	.12731
Stddev	.0159	.00163	.00021	.0057	.00064	.00177	.0013	.00039
%RSD	.45447	.26729	.18917	.43373	.15657	.31212	.07120	.30458

#1	3.4994	.61136	.10856	1.3265	.41075	.56733	1.7973	.12690
#2	3.4691	.60963	.10884	1.3150	.41136	.56567	1.7998	.12735
#3	3.4922	.61289	.10896	1.3213	.41008	.56921	1.7989	.12767

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	.76800	.14787	3.2874	.23948	2.7831	.88108	1.5353	.09119
Stddev	.00419	.00062	.0226	.00041	.0133	.00040	.0012	.00023
%RSD	.54573	.42102	.68777	.17298	.47825	.04536	.07954	.25622

#1	.77187	.14741	3.3127	.23902	2.7947	.88102	1.5356	.09109
#2	.76355	.14857	3.2692	.23980	2.7686	.88071	1.5339	.09103
#3	.76857	.14762	3.2803	.23964	2.7860	.88150	1.5363	.09146

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	.01324	.91372	.41055	.63949	3.0308	.2266	27.332	4542.8
Stddev	.00021	.00504	.00196	.00051	.0109	.0005	.176	16.8
%RSD	1.5946	.55166	.47639	.07928	.35803	.2026	.64386	.36999

#1	.01327	.91923	.41186	.63949	3.0411	.2268	27.508	4523.5
#2	.01302	.90935	.40830	.63898	3.0194	.2261	27.156	4554.4
#3	.01344	.91258	.41148	.63999	3.0320	.2270	27.330	4550.4

Sample Name: S3 Acquired: 2/7/2019 11:58:44 Type: Cal
Method: P4-ICP2(v2837) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-69.421
Stddev	7.992
%RSD	11.513

#1	-76.098
#2	-60.565
#3	-71.600

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3369.4	42375.	4467.9	16.309	3750.9
Stddev	6.2	98.	31.8	.256	14.5
%RSD	.18310	.23214	.71138	1.5726	.38619

#1	3370.3	42292.	4431.5	16.093	3736.1
#2	3362.8	42351.	4490.6	16.241	3765.1
#3	3375.1	42484.	4481.5	16.593	3751.6

Sample Name: S4 Acquired: 2/7/2019 12:02:44 Type: Cal
Method: P4-ICP2(v2837) 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	.28071	.49924	1.4641	.34178	.67704	.08624	7.0909	.25549
Stddev	.00189	.00216	.0032	.00135	.00360	.00063	.0504	.00061
%RSD	.67497	.43217	.22195	.39439	.53217	.73419	.71033	.24019

#1	.28129	.50163	1.4679	.34175	.67900	.08552	7.1483	.25580
#2	.28224	.49744	1.4621	.34314	.67925	.08651	7.0701	.25588
#3	.27859	.49866	1.4625	.34045	.67289	.08670	7.0542	.25478

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	7.0878	1.2216	.21801	2.6723	.81071	1.1061	3.5625	.25166
Stddev	.0222	.0021	.00070	.0066	.00298	.0160	.0023	.00054
%RSD	.31273	.16757	.32229	.24859	.36709	1.4508	.06331	.21387

#1	7.1131	1.2226	.21867	2.6796	.81101	1.1217	3.5624	.25127
#2	7.0785	1.2192	.21808	2.6706	.81352	1.1069	3.5647	.25227
#3	7.0719	1.2229	.21727	2.6667	.80759	1.0896	3.5602	.25143

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	1.5570	.29539	6.5492	.47896	5.6754	1.8429	3.0595	.18295
Stddev	.0037	.00134	.0524	.00010	.0163	.0177	.0141	.00087
%RSD	.23717	.45322	.80017	.02107	.28677	.96017	.46265	.47741

#1	1.5603	.29604	6.6024	.47907	5.6940	1.8629	3.0636	.18310
#2	1.5577	.29628	6.5475	.47888	5.6677	1.8368	3.0712	.18374
#3	1.5530	.29385	6.4976	.47893	5.6643	1.8291	3.0437	.18201

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	.02659	1.8223	.82642	1.2728	6.0257	.4705	54.597	4405.3
Stddev	.00018	.0153	.00184	.0051	.0466	.0033	.384	44.8
%RSD	.69457	.84163	.22310	.40291	.77289	.6981	.70287	1.0176

#1	.02674	1.8400	.82844	1.2672	6.0777	.4743	55.039	4355.2
#2	.02664	1.8143	.82482	1.2773	6.0117	.4686	54.390	4419.2
#3	.02638	1.8126	.82600	1.2737	5.9878	.4685	54.361	4441.5

Sample Name: S4 Acquired: 2/7/2019 12:02:44 Type: Cal
 Method: P4-ICP2(v2837) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-72.900
Stddev	16.593
%RSD	22.761

#1	-74.420
#2	-55.600
#3	-88.681

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3310.4	41498.	4443.1	13.383	3592.4
Stddev	17.6	113.	47.2	2.169	12.2
%RSD	.53108	.27140	1.0621	16.204	.33913

#1	3305.2	41372.	4390.0	10.976	3580.4
#2	3296.0	41535.	4459.0	13.989	3592.2
#3	3330.0	41588.	4480.3	15.184	3604.7

Sample Name: S5 Acquired: 2/7/2019 12:06:44 Type: Cal
Method: P4-ICP2(v2837) 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	.58237	1.0266	3.0453	.70145	1.3891	.17797	14.734	.52070
Stddev	.00214	.0029	.0047	.00309	.0040	.00122	.013	.00116
%RSD	.36750	.27911	.15404	.44084	.28888	.68759	.09105	.22337
#1	.58111	1.0237	3.0456	.69974	1.3854	.17699	14.724	.51935
#2	.58115	1.0266	3.0404	.69960	1.3885	.17934	14.729	.52143
#3	.58484	1.0294	3.0498	.70502	1.3934	.17758	14.749	.52130
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	14.838	2.4648	.44312	5.6055	1.6353	2.2041	7.1910	.51208
Stddev	.026	.0115	.00047	.0111	.0076	.0162	.0143	.00515
%RSD	.17255	.46764	.10611	.19824	.46784	.73320	.19835	1.0066
#1	14.830	2.4541	.44262	5.6018	1.6308	2.2087	7.1749	.50699
#2	14.818	2.4634	.44356	5.5967	1.6310	2.1861	7.1963	.51196
#3	14.867	2.4770	.44317	5.6180	1.6441	2.2175	7.2019	.51729
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	3.2428	.60677	13.583	.98315	11.980	3.8983	6.2554	.37331
Stddev	.0076	.00100	.025	.00195	.024	.0044	.0234	.00224
%RSD	.23604	.16441	.18378	.19784	.20418	.11244	.37416	.60057
#1	3.2408	.60778	13.564	.98120	11.977	3.8982	6.2405	.37072
#2	3.2364	.60579	13.574	.98317	11.957	3.8940	6.2433	.37467
#3	3.2513	.60673	13.611	.98509	12.006	3.9027	6.2824	.37454
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	.05706	3.7827	1.7301	2.6068	12.446	1.002	110.73	4179.0
Stddev	.00011	.0276	.0053	.0145	.026	.004	1.06	6.4
%RSD	.18985	.72877	.30848	.55503	.20972	.4266	.96045	.15425
#1	.05695	3.7796	1.7279	2.6013	12.425	.9994	109.73	4178.8
#2	.05716	3.7567	1.7262	2.5959	12.438	.9990	110.63	4172.6
#3	.05706	3.8116	1.7362	2.6232	12.475	1.007	111.85	4185.5

Sample Name: S5 Acquired: 2/7/2019 12:06:44 Type: Cal
 Method: P4-ICP2(v2837) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-58.467
Stddev	7.721
%RSD	13.206

#1	-67.066
#2	-52.127
#3	-56.209

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3205.2	40193.	4361.5	14.171	3363.9
Stddev	5.9	126.	7.6	1.465	3.1
%RSD	.18409	.31238	.17342	10.340	.09314

#1	3208.3	40242.	4358.9	14.802	3361.2
#2	3208.9	40051.	4370.0	12.495	3367.3
#3	3198.4	40287.	4355.6	15.214	3363.3

Sample Name: ICV01 Acquired: 2/7/2019 12:16:32 Type: Unk
Method: P4-ICP2(v2837) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0007	.99280	.98061	1.0031	.99563	2.4682	.48936
Stddev	.0050	.00158	.00408	.0015	.00125	.0167	.00361
%RSD	.49676	.15901	.41635	.14901	.12585	.67647	.73770

#1	.99528	.99353	.97650	1.0047	.99429	2.4629	.48720
#2	1.0050	.99099	.98066	1.0027	.99583	2.4869	.48736
#3	1.0019	.99388	.98466	1.0018	.99677	2.4548	.49353

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47686	.47395	9.9970	.49583	.48463	.50814	5.0898
Stddev	.00062	.00225	.0539	.00238	.00198	.00037	.0258
%RSD	.12984	.47477	.53878	.47929	.40934	.07355	.50708

#1	.47615	.47343	9.9353	.49309	.48258	.50838	5.1126
#2	.47714	.47200	10.035	.49717	.48476	.50771	5.0618
#3	.47728	.47641	10.021	.49724	.48654	.50833	5.0950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50425	5.9922	.48443	.51266	9.8245	.49086	1.0039
Stddev	.00084	.0554	.00375	.00108	.0491	.00081	.0044
%RSD	.16722	.92516	.77445	.21141	.49994	.16492	.44160

#1	.50365	5.9504	.48278	.51236	9.7834	.49051	1.0014
#2	.50522	6.0551	.48179	.51387	9.8789	.49028	1.0012
#3	.50389	5.9711	.48872	.51177	9.8113	.49178	1.0090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8037	2.5458	2.5163	F 2.8879	2.4243	2.4742	2.5647
Stddev	.0406	.0040	.0150	.0295	.0128	.0135	.0015
%RSD	.41457	.15615	.59579	1.0220	.52850	.54657	.06006

#1	9.7594	2.5439	2.4993	2.8632	2.4340	2.4628	2.5637
#2	9.8394	2.5430	2.5218	2.8799	2.4098	2.4707	2.5639
#3	9.8123	2.5503	2.5277	2.9206	2.4291	2.4891	2.5665

Sample Name: ICV01 Acquired: 2/7/2019 12:16:32 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 3.1329	F 2.908	F 2.8266	F 2.6226	F<.00000
Stddev	.0126	.012	.0105	.0873	1.6167
%RSD	.40056	.4144	.37263	3.3294	12.312
#1	3.1204	2.899	2.8239	2.6783	-11.666
#2	3.1455	2.903	2.8382	2.6676	-12.862
#3	3.1328	2.921	2.8177	2.5220	-14.865
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3331.7	41910.	4489.4	15.171	3781.4
Stddev	7.0	158.	14.1	1.860	13.2
%RSD	.21095	.37737	.31381	12.262	.34952
#1	3323.6	41864.	4473.1	13.375	3781.9
#2	3334.7	41780.	4498.3	17.090	3794.3
#3	3336.7	42086.	4496.7	15.049	3767.9

Sample Name: LLICV01 Acquired: 2/7/2019 12:22:02 Type: Unk
Method: P4-ICP2(v2837) 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	.01956	.04118	.01318	.01793	.05455	.10084	.09590
Stddev	.00137	.00145	.00114	.00068	.00014	.02135	.00237
%RSD	7.0087	3.5117	8.6205	3.8166	.25639	21.174	2.4691

#1	.02010	.04284	.01203	.01773	.05447	.11875	.09601
#2	.02057	.04024	.01430	.01737	.05471	.07721	.09348
#3	.01800	.04045	.01320	.01869	.05447	.10656	.09821

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00604	.00560	2.0370	.01069	.03178	.02096	.10504
Stddev	.00006	.00003	.0182	.00036	.00044	.00005	.00160
%RSD	1.0540	.55711	.89395	3.3656	1.3989	.22803	1.5264

#1	.00609	.00563	2.0163	.01095	.03225	.02093	.10530
#2	.00597	.00560	2.0503	.01083	.03171	.02095	.10332
#3	.00606	.00556	2.0446	.01028	.03137	.02102	.10649

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02176	2.1302	.04110	.01079	2.0378	.04308	.04126
Stddev	.00006	.0566	.00080	.00038	.0106	.00040	.00023
%RSD	.28711	2.6572	1.9541	3.5675	.51911	.93927	.55629

#1	.02176	2.1090	.04163	.01034	2.0304	.04279	.04147
#2	.02181	2.0873	.04018	.01097	2.0331	.04291	.04131
#3	.02169	2.1944	.04149	.01104	2.0499	.04355	.04101

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9851	.20658	.10936	F -.01120	.39840	.04209	.04059
Stddev	.0078	.00060	.00708	.01434	.00356	.00134	.00212
%RSD	.39452	.29019	6.4714	128.05	.89241	3.1860	5.2204

#1	1.9868	.20722	.10842	.00121	.39441	.04285	.03816
#2	1.9919	.20604	.10280	-.02690	.40125	.04054	.04202
#3	1.9765	.20648	.11686	-.00791	.39952	.04288	.04161

Sample Name: LLICV01 Acquired: 2/7/2019 12:22:02 Type: Unk
 Method: P4-ICP2(v2837) 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	.02046	.0180	.01982	F 2.3014	F 2.0462
Stddev	.00103	.0009	.00014	.1339	1.3986
%RSD	5.0529	4.884	.72635	5.8176	68.350
#1	.01937	.0181	.01991	2.3073	2.1354
#2	.02143	.0171	.01965	2.4323	.60519
#3	.02059	.0188	.01988	2.1647	3.3981
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3382.3	42794.	4506.4	16.220	3964.9
Stddev	10.7	138.	22.3	1.149	13.0
%RSD	.31530	.32186	.49457	7.0855	.32860
#1	3371.8	42814.	4528.8	15.925	3953.5
#2	3382.1	42647.	4506.2	15.248	3962.2
#3	3393.1	42920.	4484.2	17.489	3979.1

Sample Name: ICB01 Acquired: 2/7/2019 12:28:45 Type: Unk
Method: P4-ICP2(v2837) 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	.00097	-.00095	-.00064	-.00206	-.00045	.00087	-.01233
Stddev	.00113	.00230	.00053	.00200	.00205	.01620	.00627
%RSD	116.31	241.53	83.121	97.332	458.72	1861.0	50.830

#1	.00069	-.00337	-.00117	-.00321	.00128	-.01663	-.01881
#2	.00001	.00121	-.00011	-.00321	.00009	.00390	-.01186
#3	.00221	-.00070	-.00064	.00025	-.00271	.01535	-.00630

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00000	-.00607	.00052	.00001	-.00026	-.00059
Stddev	.00001	.00002	.01000	.00014	.00008	.00038	.00181
%RSD	35.112	600.71	164.59	27.399	839.64	144.54	307.82

#1	.00004	-.00001	-.01761	.00060	.00007	.00001	.00150
#2	.00002	-.00000	-.00008	.00060	-.00009	-.00010	-.00160
#3	.00003	.00002	-.00053	.00035	.00004	-.00070	-.00167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00292	-.00016	.00033	-.05062	.00028	-.00231
Stddev	.00001	.02994	.00029	.00038	.00617	.00046	.00007
%RSD	12.146	1024.9	186.48	115.32	12.194	162.96	3.0908

#1	-.00004	-.01038	.00004	-.00003	-.05106	.00079	-.00229
#2	-.00005	-.01807	-.00050	.00028	-.05655	-.00009	-.00225
#3	-.00004	.03721	-.00001	.00073	-.04423	.00014	-.00239

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02872	.00003	.01155	F -.01928	-.00211	.00016	-.00013
Stddev	.00748	.00041	.00634	.01364	.00053	.00074	.00166
%RSD	26.055	1220.6	54.930	70.754	25.138	472.90	1319.7

#1	-.02083	-.00029	.01756	-.02137	-.00189	-.00009	.00097
#2	-.03572	.00050	.00492	-.00471	-.00173	.00098	.00068
#3	-.02962	-.00011	.01217	-.03175	-.00272	-.00043	-.00203

Sample Name: ICB01 Acquired: 2/7/2019 12:28:45 Type: Unk
Method: P4-ICP2(v2837) 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	-0.00145	-0.0001	-0.00005	F 2.5227	F 1.0913
Stddev	.00293	.0005	.00002	.0874	1.2628
%RSD	202.79	506.3	37.421	3.4653	115.71
#1	-0.00031	-0.0006	-0.00005	2.4807	-.13845
#2	.00075	.0004	-0.00003	2.6232	2.3848
#3	-0.00478	-0.0001	-0.00006	2.4642	1.0277
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3376.5	42677.	4506.1	16.000	4000.3
Stddev	16.6	138.	4.2	1.024	21.9
%RSD	.49279	.32230	.09230	6.4000	.54671
#1	3359.5	42651.	4503.7	15.316	3980.1
#2	3377.3	42555.	4510.9	17.177	3997.3
#3	3392.7	42826.	4503.8	15.507	4023.5

Sample Name: CRI01 Acquired: 2/7/2019 12:33:13 Type: Unk
Method: P4-ICP2(v2837) 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	.02141	.04036	.01298	.01739	.05376	.10334	.09158
Stddev	.00257	.00060	.00111	.00095	.00086	.01271	.00290
%RSD	11.987	1.4767	8.5787	5.4459	1.6044	12.295	3.1715

#1	.01961	.04049	.01293	.01801	.05412	.10187	.09492
#2	.02435	.03971	.01412	.01786	.05438	.11672	.08960
#3	.02027	.04088	.01189	.01630	.05277	.09144	.09023

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00621	.00558	2.0244	.01059	.03188	.02079	.10827
Stddev	.00012	.00007	.0299	.00038	.00008	.00036	.00206
%RSD	1.9467	1.1684	1.4747	3.5519	.25544	1.7194	1.9028

#1	.00630	.00558	1.9904	.01017	.03197	.02093	.10638
#2	.00625	.00565	2.0367	.01070	.03182	.02106	.10795
#3	.00607	.00552	2.0462	.01089	.03186	.02039	.11046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02201	2.1374	.04046	.01072	1.9930	.04351	.04125
Stddev	.00008	.0253	.00017	.00046	.0204	.00025	.00014
%RSD	.34185	1.1825	.42844	4.2856	1.0257	.58372	.32778

#1	.02194	2.1082	.04066	.01030	1.9848	.04379	.04111
#2	.02209	2.1516	.04035	.01121	1.9780	.04344	.04138
#3	.02199	2.1523	.04037	.01064	2.0163	.04330	.04126

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9210	.20801	.10534	F -.00782	.39934	.04071	.04234
Stddev	.0249	.00076	.01224	.02457	.00388	.00042	.00051
%RSD	1.2937	.36306	11.621	314.39	.97285	1.0348	1.2160

#1	1.8946	.20759	.10053	-.02824	.39863	.04085	.04286
#2	1.9245	.20889	.11926	-.01467	.39585	.04105	.04183
#3	1.9439	.20757	.09624	.01946	.40353	.04024	.04234

Sample Name: CRI01 Acquired: 2/7/2019 12:33:13 Type: Unk
 Method: P4-ICP2(v2837) 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	.02053	.0163	.01970	F 2.3512	F 2.4051
Stddev	.00204	.0014	.00008	.1010	1.6670
%RSD	9.9449	8.433	.39424	4.2943	69.313
#1	.01839	.0148	.01968	2.4611	3.9624
#2	.02245	.0167	.01964	2.2625	.64655
#3	.02076	.0175	.01979	2.3301	2.6064
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3355.6	42634.	4529.8	16.350	3959.8
Stddev	8.5	139.	45.3	2.338	6.2
%RSD	.25315	.32514	.99981	14.301	.15768
#1	3347.6	42489.	4544.1	14.311	3952.5
#2	3364.5	42648.	4566.3	18.902	3963.5
#3	3354.8	42765.	4479.1	15.836	3963.2

Sample Name: ICSA01 Acquired: 2/7/2019 12:37:38 Type: Unk
Method: P4-ICP2(v2837) 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	-.00906	.00137	.00371	.00632	-.00368	287.21	-.01034	.00008
Stddev	.00361	.00171	.00134	.00476	.00242	2.07	.00411	.00004
%RSD	39.830	124.69	36.091	75.227	65.818	.72045	39.758	58.369
#1	-.01075	-.00057	.00429	.00983	-.00371	286.29	-.00926	.00005
#2	-.00492	.00201	.00465	.00823	-.00610	289.58	-.00687	.00013
#3	-.01151	.00267	.00218	.00091	-.00125	285.75	-.01488	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00221	252.49	.05967	-.00077	-.00368	93.488	.01637	269.00
Stddev	.00008	1.11	.00035	.00003	.00047	.451	.00004	1.55
%RSD	3.4389	.44147	.59273	4.1229	12.665	.48235	.25574	.57671
#1	-.00216	252.02	.05945	-.00078	-.00386	93.283	.01635	267.39
#2	-.00229	251.68	.05949	-.00074	-.00315	93.176	.01634	269.13
#3	-.00217	253.76	.06008	-.00080	-.00402	94.005	.01642	270.48
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00208	-.00441	-.01849	.00248	-.01550	.03367	.00143	.01473
Stddev	.00050	.00045	.00974	.00065	.00001	.02519	.00056	.00281
%RSD	24.224	10.250	52.694	26.233	.06814	74.822	38.789	19.107
#1	-.00251	-.00471	-.02959	.00248	-.01549	.05862	.00131	.01793
#2	-.00221	-.00389	-.01459	.00183	-.01549	.03414	.00204	.01361
#3	-.00152	-.00464	-.01131	.00313	-.01551	.00825	.00095	.01264
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .08909	-.01080	.00791	-.00361	F .02197	-.0003	.00359	4.4813
Stddev	.03855	.00200	.00012	.00059	.00145	.0026	.00060	.0977
%RSD	43.269	18.493	1.4745	16.293	6.5908	1034.	16.624	2.1796
#1	.05035	-.01089	.00798	-.00363	.02045	-.0027	.00389	4.4657
#2	.08948	-.01275	.00777	-.00419	.02213	.0025	.00397	4.5859
#3	.12745	-.00876	.00797	-.00301	.02333	-.0005	.00290	4.3924

Sample Name: ICSA01 Acquired: 2/7/2019 12:37:38 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	5.1236
%RSD	1.1656

#1	-437.95
#2	-435.48
#3	-445.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3003.3	36856.	4358.0	14.212	3169.3
Stddev	10.8	178.	12.5	.401	11.4
%RSD	.36115	.48295	.28590	2.8199	.35920

#1	2990.9	36878.	4365.1	14.439	3156.6
#2	3010.9	36669.	4365.3	14.447	3178.5
#3	3008.2	37023.	4343.6	13.749	3172.7

Sample Name: ICSAB01 Acquired: 2/7/2019 12:46:22 Type: Unk
Method: P4-ICP2(v2837) 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	.10066	.08882	.05826	.05611	.64223	281.18	.50090	.55828
Stddev	.00303	.00331	.00222	.00401	.00541	1.00	.00519	.00088
%RSD	3.0086	3.7276	3.8160	7.1505	.84167	.35515	1.0364	.15805
#1	.09718	.09235	.05834	.05240	.64700	281.98	.50062	.55872
#2	.10269	.08831	.06044	.05558	.63636	281.50	.49585	.55726
#3	.10210	.08579	.05600	.06037	.64333	280.06	.50622	.55885
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0115	244.54	.58645	.51347	.50889	89.756	.54434	259.96
Stddev	.0010	.57	.00368	.00048	.00409	.690	.00170	1.15
%RSD	.09680	.23209	.62741	.09305	.80281	.76858	.31283	.44398
#1	1.0121	244.78	.58275	.51396	.51360	89.447	.54415	260.48
#2	1.0121	243.89	.58647	.51301	.50623	89.275	.54275	258.64
#3	1.0104	244.94	.59011	.51344	.50686	90.547	.54614	260.77
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99547	.21664	-.01172	.52236	1.1414	.00250	1.1636	1.1461
Stddev	.00088	.00107	.01407	.00269	.0015	.01965	.0069	.0046
%RSD	.08861	.49225	120.01	.51532	.12948	785.61	.59394	.40043
#1	.99648	.21747	-.01659	.52529	1.1421	.01860	1.1713	1.1510
#2	.99510	.21544	-.02271	.52000	1.1424	-.01939	1.1618	1.1454
#3	.99484	.21702	.00413	.52180	1.1397	.00829	1.1578	1.1419
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.3714	.99237	1.1643	1.1611	F 1.3448	F 1.258	1.1230	4.7806
Stddev	.0531	.01155	.0020	.0104	.0043	.006	.0044	.0755
%RSD	3.8700	1.1642	.17369	.89100	.31606	.4680	.39541	1.5792
#1	1.3560	.99213	1.1639	1.1520	1.3410	1.255	1.1282	4.7250
#2	1.3278	.98094	1.1665	1.1589	1.3440	1.265	1.1206	4.7503
#3	1.4305	1.0040	1.1625	1.1723	1.3494	1.254	1.1203	4.8665

Sample Name: ICSAB01 Acquired: 2/7/2019 12:46:22 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	3.5120
%RSD	.82610

#1	-421.45
#2	-428.44
#3	-425.50

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2978.7	36598.	4386.0	14.402	3167.8
Stddev	23.9	91.	19.4	1.776	12.3
%RSD	.80363	.24907	.44223	12.329	.38910

#1	2952.9	36494.	4377.6	15.592	3159.7
#2	2983.2	36666.	4408.2	15.253	3161.7
#3	3000.1	36633.	4372.2	12.361	3182.0

Sample Name: CCV01 Acquired: 2/7/2019 12:50:37 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0533	4.9125	4.9383	5.0259	5.0285	10.138	9.7133	.25119
Stddev	.0433	.0269	.0209	.0536	.0420	.044	.0492	.00129
%RSD	.85660	.54702	.42411	1.0673	.83543	.43725	.50621	.51184
#1	5.0754	4.9347	4.9602	5.0485	5.0431	10.087	9.7323	.25029
#2	5.0811	4.9202	4.9362	5.0645	5.0613	10.160	9.6574	.25267
#3	5.0034	4.8826	4.9185	4.9646	4.9811	10.166	9.7501	.25063
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4252	24.874	1.0189	2.4641	1.2526	4.9773	2.5368	25.156
Stddev	.0110	.104	.0023	.0105	.0087	.0321	.0032	.158
%RSD	.45253	.41626	.22714	.42733	.69623	.64480	.12460	.62898
#1	2.4358	24.785	1.0163	2.4747	1.2554	4.9680	2.5346	25.003
#2	2.4261	24.849	1.0202	2.4638	1.2596	4.9508	2.5404	25.145
#3	2.4139	24.987	1.0203	2.4537	1.2428	5.0130	2.5353	25.319
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4098	1.2892	23.904	2.4938	2.5330	24.248	5.0451	4.9321
Stddev	.0132	.0037	.164	.0049	.0133	.130	.0418	.0274
%RSD	.54949	.28352	.68713	.19649	.52593	.53703	.82906	.55628
#1	2.4211	1.2919	24.021	2.4929	2.5451	24.328	5.0622	4.9094
#2	2.4131	1.2907	23.716	2.4991	2.5352	24.098	5.0756	4.9243
#3	2.3953	1.2851	23.974	2.4894	2.5187	24.319	4.9974	4.9625
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8194	4.8574	4.8763	5.0332	4.9817	4.872	5.0393	F 4.0689
Stddev	.0358	.0422	.0184	.0059	.0297	.005	.0228	.0218
%RSD	.74291	.86957	.37724	.11791	.59625	.0997	.45352	.53497
#1	4.8281	4.8649	4.8912	5.0375	4.9970	4.866	5.0402	4.0714
#2	4.8501	4.8120	4.8820	5.0265	4.9475	4.875	5.0160	4.0893
#3	4.7801	4.8954	4.8558	5.0357	5.0006	4.874	5.0617	4.0460

Sample Name: CCV01 Acquired: 2/7/2019 12:50:37 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8328
Stddev	1.5469
%RSD	54.609

#1	4.5995
#2	2.1775
#3	1.7213

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3205.7	40013.	4455.8	14.069	3546.1
Stddev	26.6	82.	13.3	.853	19.4
%RSD	.82938	.20471	.29898	6.0649	.54800

#1	3194.0	40042.	4446.3	14.480	3528.1
#2	3187.0	39921.	4471.0	13.088	3543.5
#3	3236.1	40077.	4450.0	14.639	3566.7

Sample Name: LLCCV01 Acquired: 2/7/2019 13:02:24 Type: Unk
Method: P4-ICP2(v2837) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02065	.04223	.01249	.01951	.05346	.10139	.08954	.00613
Stddev	.00181	.00146	.00021	.00166	.00041	.00346	.00560	.00007
%RSD	8.7471	3.4622	1.6641	8.5046	.75857	3.4169	6.2567	1.1513
#1	.02195	.04259	.01273	.01988	.05333	.10436	.09368	.00620
#2	.02141	.04062	.01238	.02094	.05392	.09759	.08317	.00606
#3	.01859	.04348	.01236	.01769	.05314	.10223	.09178	.00612
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00553	2.0221	.01067	.03171	.02075	.10539	.02201	2.0998
Stddev	.00006	.0142	.00033	.00029	.00026	.00223	.00016	.0363
%RSD	1.0937	.70146	3.1253	.91610	1.2505	2.1116	.73157	1.7283
#1	.00550	2.0252	.01044	.03143	.02096	.10510	.02204	2.0825
#2	.00548	2.0067	.01051	.03169	.02046	.10332	.02183	2.0753
#3	.00560	2.0345	.01105	.03201	.02082	.10774	.02214	2.1415
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04040	.01119	1.9372	.04398	.04153	1.9118	.20988	.10858
Stddev	.00028	.00047	.0011	.00075	.00008	.0270	.00070	.00790
%RSD	.70381	4.2348	.05830	1.7152	.18288	1.4141	.33452	7.2745
#1	.04065	.01127	1.9375	.04432	.04149	1.9142	.20907	.10327
#2	.04047	.01068	1.9360	.04312	.04161	1.8837	.21024	.10481
#3	.04009	.01161	1.9383	.04451	.04148	1.9376	.21034	.11766
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01243	.39687	.04172	.03997	.01997	.0172	.01988	F 2.9164
Stddev	.01901	.00080	.00045	.00290	.00100	.0017	.00013	.1304
%RSD	152.98	.20212	1.0855	7.2587	5.0172	9.841	.64730	4.4725
#1	.03159	.39598	.04126	.04241	.02100	.0157	.01996	3.0617
#2	.01211	.39753	.04216	.03676	.01900	.0169	.01995	2.8093
#3	-.00643	.39711	.04175	.04074	.01989	.0190	.01973	2.8783

Sample Name: LLCCV01 Acquired: 2/7/2019 13:02:24 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .71305
Stddev 1.2408
%RSD 174.01

#1 1.7434
#2 -.66429
#3 1.0600

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3289.6	41742.	4531.8	16.603	3929.7
Stddev	2.5	280.	46.0	1.029	23.8
%RSD	.07507	.67179	1.0149	6.2003	.60659

#1	3292.4	41512.	4480.5	16.480	3915.9
#2	3288.9	42054.	4569.5	17.689	3915.9
#3	3287.6	41658.	4545.3	15.641	3957.2

Sample Name: CCB01 Acquired: 2/7/2019 13:06:51 Type: Unk
Method: P4-ICP2(v2837) 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	-.00076	.00010	.00030	-.00428	-.00165	.00397	-.00980
Stddev	.00278	.00115	.00087	.00177	.00140	.00983	.00683
%RSD	365.12	1107.7	290.66	41.312	84.891	247.58	69.703

#1	.00088	.00140	.00097	-.00229	-.00015	-.00102	-.00256
#2	-.00397	-.00078	-.00069	-.00489	-.00186	.01529	-.01614
#3	.00080	-.00030	.00061	-.00567	-.00292	-.00236	-.01070

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00003	-.00073	.00034	.00023	-.00004	-.00088
Stddev	.00002	.00005	.02134	.00032	.00015	.00044	.00121
%RSD	25.154	179.38	2934.9	95.588	67.893	984.42	137.11

#1	.00004	-.00008	.02387	.00048	.00026	.00031	.00047
#2	.00007	-.00002	-.01432	.00056	.00036	.00009	-.00187
#3	.00007	.00002	-.01172	-.00003	.00006	-.00054	-.00124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00101	-.00034	.00083	-.08481	.00044	-.00239
Stddev	.00001	.01330	.00013	.00028	.00778	.00011	.00005
%RSD	8.9181	1320.4	38.414	33.900	9.1758	25.823	1.9315

#1	-.00010	.01548	-.00032	.00107	-.09093	.00056	-.00237
#2	-.00009	-.00179	-.00022	.00052	-.08746	.00033	-.00244
#3	-.00011	-.01067	-.00048	.00091	-.07605	.00045	-.00236

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03733	-.00019	.00040	F -.03966	-.00197	-.00036	.00054
Stddev	.03500	.00038	.00349	.00931	.00197	.00063	.00069
%RSD	93.747	199.03	881.67	23.474	99.945	176.67	129.06

#1	-.00852	.00020	.00043	-.03209	.00004	-.00101	.00066
#2	-.07627	-.00056	-.00312	-.05006	-.00205	.00024	.00116
#3	-.02719	-.00022	.00387	-.03684	-.00391	-.00030	-.00021

Sample Name: CCB01 Acquired: 2/7/2019 13:06:51 Type: Unk
Method: P4-ICP2(v2837) 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	-.00077	-.0012	.00002	F 2.7732	F 1.1553
Stddev	.00042	.0007	.00011	.1573	.7690
%RSD	55.322	63.21	675.99	5.6735	66.566
#1	-.00120	-.0004	.00009	2.6820	1.9253
#2	-.00075	-.0012	.00006	2.9549	.38725
#3	-.00035	-.0019	-.00011	2.6828	1.1533
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3305.2	42265.	4551.9	16.035	3958.0
Stddev	17.8	287.	12.8	.866	19.2
%RSD	.53737	.67903	.28207	5.4036	.48429
#1	3324.8	42139.	4554.8	15.070	3965.7
#2	3290.1	42062.	4537.8	16.286	3972.1
#3	3300.6	42593.	4563.0	16.748	3936.2

Sample Name: PB116584BL Acquired: 2/7/2019 13:23:26 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00113	-.00022	.00053	-.00312	-.00005	.00540	-.00884	.00007
Stddev	.00100	.00220	.00085	.00177	.00011	.00597	.00358	.00001
%RSD	88.615	999.72	160.03	56.814	226.79	110.56	40.571	9.3092
#1	-.00141	-.00106	.00069	-.00514	-.00018	.01078	-.01278	.00007
#2	-.00002	.00228	-.00039	-.00235	-.00001	.00646	-.00577	.00007
#3	-.00195	-.00189	.00128	-.00185	.00004	-.00103	-.00795	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00869	.00042	.00012	-.00042	-.00059	-.00006	.00443
Stddev	.00007	.01224	.00007	.00007	.00033	.00229	.00002	.01798
%RSD	136.69	140.85	15.796	58.557	77.115	386.36	35.837	405.45
#1	.00001	-.01918	.00049	.00019	-.00043	.00116	-.00004	.02478
#2	-.00003	.00476	.00035	.00005	-.00074	-.00319	-.00008	-.00219
#3	-.00013	-.01165	.00042	.00014	-.00009	.00025	-.00007	-.00929
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	.00054	-.06902	.00015	-.00238	-.08004	.00014	.01133
Stddev	.00004	.00056	.00727	.00024	.00004	.03349	.00028	.00538
%RSD	8.6248	102.88	10.529	158.50	1.5959	41.840	205.55	47.520
#1	-.00046	-.00000	-.07707	-.00003	-.00236	-.11752	.00006	.01378
#2	-.00052	.00112	-.06294	.00006	-.00235	-.05307	.00046	.01504
#3	-.00054	.00052	-.06705	.00042	-.00242	-.06953	-.00010	.00515
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00391	-.00004	-.00028	-.00120	-.00201	-.0007	.00007	F 2.9220
Stddev	.01511	.00046	.00126	.00203	.00267	.0020	.00005	.1128
%RSD	386.93	1180.1	446.92	168.22	132.33	271.3	69.431	3.8594
#1	-.01265	.00048	-.00031	.00113	-.00466	.0011	.00012	2.9164
#2	.00741	-.00037	.00099	-.00248	.00067	-.0004	.00004	3.0374
#3	.01696	-.00023	-.00153	-.00227	-.00206	-.0029	.00004	2.8121

Sample Name: PB116584BL Acquired: 2/7/2019 13:23:26 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8132
Stddev 1.0913
%RSD 38.793

#1 3.6467
#2 3.2149
#3 1.5779

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3271.6	41749.	4447.2	14.858	3924.7
Stddev	11.5	146.	28.7	.487	10.3
%RSD	.35126	.35018	.64502	3.2796	.26280

#1	3258.7	41770.	4416.6	15.418	3912.9
#2	3275.2	41594.	4451.7	14.627	3931.6
#3	3280.9	41884.	4473.4	14.530	3929.7

Sample Name: PB116871BS Acquired: 2/7/2019 13:27:54 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87177	2.1857	1.0632	2.1953	.87885	2.1477	.21405
Stddev	.00331	.0135	.0056	.0127	.00561	.0144	.00369
%RSD	.38008	.61589	.52896	.57868	.63880	.66883	1.7238

#1	.87003	2.1791	1.0644	2.1846	.87787	2.1424	.21829
#2	.87559	2.2011	1.0681	2.2093	.88489	2.1367	.21157
#3	.86969	2.1768	1.0571	2.1920	.87380	2.1639	.21229

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21818	.20585	1.1115	.45156	.21360	.34171	F 3.4992
Stddev	.00069	.00123	.0036	.00017	.00070	.00299	.0173
%RSD	.31407	.59543	.32201	.03766	.32545	.87417	.49553

#1	.21867	.20575	1.1092	.45173	.21365	.33953	3.5109
#2	.21740	.20712	1.1157	.45139	.21427	.34512	3.5074
#3	.21848	.20468	1.1098	.45156	.21288	.34049	3.4793

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22867	2.2437	.52126	.08317	3.2191	.32760	.22306
Stddev	.00025	.0374	.00340	.00076	.0129	.00080	.00083
%RSD	.11097	1.6669	.65273	.91833	.40035	.24429	.37310

#1	.22886	2.2075	.52099	.08381	3.2324	.32790	.22340
#2	.22876	2.2822	.52479	.08338	3.2067	.32820	.22366
#3	.22838	2.2415	.51801	.08233	3.2182	.32669	.22211

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.831	.45664	.33839	F -.02795	1.0513	.74900	.22631
Stddev	.023	.00313	.00872	.00684	.0086	.00540	.00080
%RSD	.21631	.68636	2.5774	24.465	.81303	.72089	.35421

#1	10.848	.45426	.34825	-.02006	1.0608	.75061	.22697
#2	10.841	.46019	.33527	-.03212	1.0443	.75341	.22653
#3	10.804	.45547	.33167	-.03168	1.0487	.74298	.22542

Sample Name: PB116871BS Acquired: 2/7/2019 13:27:54 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7918 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22898	5.876	.21618	F 3.5442	F<.00000
Stddev	.00208	.036	.00152	.0858	1.1836
%RSD	.90853	.6175	.70514	2.4200	3.7776
#1	.23138	5.868	.21698	3.6353	-32.024
#2	.22782	5.916	.21442	3.5323	-29.966
#3	.22773	5.845	.21714	3.4650	-32.008
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3276.9	41374.	4407.3	14.609	3861.0
Stddev	11.3	159.	23.4	1.072	14.0
%RSD	.34544	.38447	.53107	7.3402	.36279
#1	3284.0	41191.	4381.1	14.052	3850.1
#2	3263.8	41472.	4414.5	13.930	3856.2
#3	3282.8	41461.	4426.2	15.845	3876.8

Sample Name: K1161-03 Acquired: 2/7/2019 13:32:02 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	-.00054	.00275	-.00272	-.00511	.01669	-.01032	.00015
Stddev	.00150	.00104	.00023	.00078	.00097	.01284	.00146	.00003
%RSD	360.54	191.88	8.2701	28.611	19.009	76.901	14.143	18.409

#1	-.00124	-.00054	.00251	-.00198	-.00425	.01856	-.01002	.00012
#2	.00170	.00049	.00277	-.00266	-.00493	.02849	-.01191	.00017
#3	.00079	-.00159	.00296	-.00353	-.00616	.00302	-.00903	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	80.929	-.00058	.00023	-.00035	-.00166	.00013	18.183
Stddev	.00009	.436	.00002	.00005	.00029	.00268	.00010	.191
%RSD	41.730	.53855	3.9478	21.837	83.417	161.32	79.456	1.0492

#1	-.00029	81.432	-.00057	.00017	-.00066	-.00272	.00022	18.373
#2	-.00012	80.671	-.00060	.00026	-.00031	-.00366	.00015	17.992
#3	-.00024	80.684	-.00056	.00025	-.00008	.00139	.00002	18.183

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	-.00003	32.913	.00071	-.00366	37.908	.00093	-.00300
Stddev	.00034	.00065	.175	.00049	.00010	.199	.00051	.00928
%RSD	26.979	2556.2	.53179	68.695	2.6007	.52456	54.857	309.78

#1	-.00145	.00072	33.114	.00121	-.00357	38.134	.00149	-.01249
#2	-.00146	-.00045	32.834	.00024	-.00365	37.832	.00050	-.00256
#3	-.00087	-.00035	32.791	.00068	-.00375	37.759	.00080	.00606

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03550	-.00104	.00144	-.00416	.00228	-.0020	.00876	3.5468
Stddev	.01414	.00323	.00034	.00295	.00103	.0017	.00008	.1039
%RSD	39.839	309.20	23.654	71.003	45.074	83.94	.93285	2.9289

#1	-.02241	.00190	.00173	-.00138	.00331	-.0035	.00885	3.6290
#2	-.03359	-.00449	.00152	-.00384	.00229	-.0001	.00872	3.5813
#3	-.05050	-.00054	.00106	-.00726	.00125	-.0026	.00870	3.4300

Sample Name: K1161-03 Acquired: 2/7/2019 13:32:02 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 15.577
Stddev 2.091
%RSD 13.427

#1 15.283
#2 13.648
#3 17.800

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3245.3	40766.	4595.9	15.384	3742.9
Stddev	14.9	105.	7.7	.260	11.5
%RSD	.45800	.25703	.16805	1.6871	.30853

#1	3243.5	40887.	4602.3	15.640	3751.4
#2	3260.9	40695.	4598.0	15.121	3729.7
#3	3231.4	40718.	4587.3	15.389	3747.4

Sample Name: K1161-06 Acquired: 2/7/2019 13:40:43 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	-.00020	.00889	-.00123	-.00131	.00471	-.00875	.00010
Stddev	.00191	.00104	.00005	.00159	.00075	.00401	.00253	.00004
%RSD	625.76	517.33	.56445	129.34	56.959	85.115	28.868	36.610

#1	-.00236	-.00106	.00892	-.00274	-.00148	.00344	-.00661	.00014
#2	.00142	-.00050	.00892	-.00136	-.00050	.00149	-.00811	.00007
#3	.00003	.00096	.00883	.00042	-.00196	.00920	-.01154	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00525	.00063	.00002	-.00060	-.01962	-.00002	.00119
Stddev	.00004	.01021	.00023	.00009	.00054	.00190	.00004	.01455
%RSD	11999.	194.47	35.927	457.71	90.077	9.6669	175.02	1224.2

#1	-.00002	.00426	.00054	.00009	-.00052	-.02070	-.00006	-.00328
#2	-.00003	-.01604	.00089	.00005	-.00118	-.02074	.00002	-.01060
#3	.00005	-.00397	.00047	-.00008	-.00010	-.01743	-.00002	.01745

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	.00067	30.418	.00040	-.00368	-.08281	.00004	.00496
Stddev	.00033	.00024	.219	.00026	.00007	.02091	.00016	.01047
%RSD	77.796	36.100	.71884	64.773	1.8014	25.253	428.83	211.09

#1	-.00045	.00041	30.655	.00031	-.00361	-.06807	.00022	.00300
#2	-.00074	.00089	30.224	.00069	-.00373	-.10674	-.00002	.01626
#3	-.00008	.00071	30.375	.00019	-.00370	-.07361	-.00009	-.00439

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05388	F 18.903	-.00020	.00059	-.00539	-.0014	.00009	3.0394
Stddev	.01698	.075	.00053	.00250	.00131	.0014	.00008	.0551
%RSD	31.511	.39943	262.27	423.65	24.323	100.2	93.768	1.8117

#1	-.03812	18.990	.00040	.00285	-.00674	-.0005	.00001	3.0358
#2	-.05167	18.857	-.00059	-.00210	-.00531	-.0007	.00009	3.0962
#3	-.07186	18.862	-.00043	.00102	-.00412	-.0031	.00017	2.9863

Sample Name: K1161-06 Acquired: 2/7/2019 13:40:43 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.0124
Stddev	.9862
%RSD	49.005

#1	3.1445
#2	1.3395
#3	1.5533

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3379.9	42559.	4654.4	16.457	3973.9
Stddev	7.5	52.	14.9	.554	11.9
%RSD	.22313	.12293	.32013	3.3655	.29967

#1	3386.9	42553.	4641.4	16.305	3984.8
#2	3380.8	42510.	4670.7	15.996	3975.8
#3	3371.9	42614.	4651.0	17.072	3961.2

Sample Name: PB116861BL Acquired: 2/7/2019 13:45:08 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116861BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	-.00106	.00144	-.00084	-.00016	-.00152	-.00878
Stddev	.00280	.00111	.00052	.00254	.00110	.00804	.00309
%RSD	278.32	105.09	36.505	303.54	694.17	527.58	35.258

#1	.00377	-.00156	.00168	-.00185	.00111	-.01065	-.00689
#2	-.00183	-.00183	.00179	.00205	-.00067	.00450	-.01235
#3	.00107	.00022	.00083	-.00271	-.00091	.00158	-.00710

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00011	.00071	.00045	.00023	.00002	-.00104
Stddev	.00006	.00003	.00360	.00007	.00004	.00043	.00337
%RSD	73.675	22.900	507.03	14.955	15.587	1728.1	323.73

#1	.00005	-.00014	.00348	.00053	.00023	.00049	-.00329
#2	.00005	-.00009	.00201	.00044	.00026	-.00005	-.00267
#3	.00016	-.00011	-.00336	.00039	.00019	-.00036	.00283

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.02154	-.00006	.00035	-.04598	.00061	-.00229
Stddev	.00003	.05172	.00026	.00038	.00378	.00022	.00010
%RSD	84.897	240.10	471.62	108.91	8.2174	36.902	4.2976

#1	-.00003	-.08037	-.00017	-.00002	-.04945	.00086	-.00226
#2	-.00001	.01675	-.00025	.00075	-.04195	.00052	-.00240
#3	-.00006	-.00100	.00025	.00033	-.04656	.00044	-.00221

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04842	-.00041	.00358	F -.02720	.00040	-.00005	-.00141
Stddev	.01898	.00012	.00945	.01654	.00120	.00064	.00262
%RSD	39.190	28.188	263.97	60.806	297.45	1285.2	185.60

#1	-.05287	-.00031	-.00369	-.03068	.00175	.00007	-.00388
#2	-.06478	-.00039	.00017	-.00920	.00003	.00052	-.00171
#3	-.02762	-.00054	.01426	-.04172	-.00057	-.00074	.00134

Sample Name: PB116861BL Acquired: 2/7/2019 13:45:08 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB116861BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	-.0011	.00008	F 3.4389	F 1.3853
Stddev	.00077	.0026	.00007	.2181	.2759
%RSD	171.15	242.9	86.425	6.3429	19.920
#1	.00042	-.0039	.00007	3.2830	1.1252
#2	-.00104	.0010	.00002	3.6882	1.3559
#3	-.00073	-.0002	.00016	3.3456	1.6747
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3288.8	41296.	4478.7	15.173	3906.8
Stddev	7.5	213.	48.3	.648	10.8
%RSD	.22724	.51690	1.0795	4.2723	.27748
#1	3290.3	41344.	4472.9	15.052	3895.9
#2	3295.4	41062.	4433.5	14.593	3906.8
#3	3280.7	41481.	4529.7	15.873	3917.6

Sample Name: PB116584BS Acquired: 2/7/2019 13:49:34 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116861BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80617	2.0360	.99710	2.0082	.82766	2.0718	.18916
Stddev	.00155	.0099	.00549	.0049	.00260	.0278	.00067
%RSD	.19173	.48478	.55022	.24486	.31462	1.3423	.35608

#1	.80629	2.0297	.99077	2.0037	.82466	2.0740	.18885
#2	.80457	2.0473	1.0003	2.0076	.82930	2.0430	.18871
#3	.80765	2.0308	1.0002	2.0135	.82904	2.0985	.18994

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19760	.19228	1.0880	.42886	.20226	.32322	3.2430
Stddev	.00034	.00056	.0193	.00241	.00059	.00170	.0319
%RSD	.16974	.29186	1.7747	.56100	.28997	.52598	.98315

#1	.19775	.19165	1.0739	.43080	.20166	.32137	3.2787
#2	.19721	.19272	1.0800	.42616	.20283	.32471	3.2330
#3	.19783	.19247	1.1100	.42961	.20229	.32359	3.2173

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21592	2.1468	.49404	.07594	3.0389	.31039	.21217
Stddev	.00109	.0185	.00050	.00068	.0210	.00194	.00082
%RSD	.50475	.86024	.10047	.89387	.69023	.62600	.38526

#1	.21632	2.1506	.49346	.07593	3.0565	.31096	.21154
#2	.21469	2.1268	.49434	.07526	3.0157	.30822	.21309
#3	.21676	2.1631	.49431	.07662	3.0444	.31198	.21188

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.133	.43496	.31486	F -.03177	.93186	.70542	.21174
Stddev	.076	.00124	.00680	.01964	.01006	.00397	.00201
%RSD	.74702	.28594	2.1612	61.831	1.0792	.56247	.94784

#1	10.099	.43355	.31905	-.04880	.94327	.70108	.21064
#2	10.080	.43588	.31853	-.03622	.92802	.70886	.21053
#3	10.219	.43546	.30701	-.01028	.92428	.70633	.21406

Sample Name: PB116584BS Acquired: 2/7/2019 13:49:34 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116861BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21262	F 5.474	.20472	F 3.2724	F<.00000
Stddev	.00264	.022	.00059	.0990	1.0608
%RSD	1.2417	.3970	.28752	3.0254	3.6349
#1	.21412	5.451	.20528	3.3827	-30.317
#2	.20957	5.494	.20410	3.1912	-29.020
#3	.21418	5.478	.20477	3.2434	-28.215
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3307.5	42160.	4593.3	15.307	3892.5
Stddev	3.2	138.	43.4	.758	6.6
%RSD	.09756	.32684	.94545	4.9546	.17006
#1	3307.0	42001.	4558.1	16.177	3891.2
#2	3304.5	42231.	4580.1	14.789	3886.6
#3	3310.9	42247.	4641.9	14.955	3899.6

Sample Name: PB116871BL Acquired: 2/7/2019 13:53:39 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116871BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	-.00021	.00115	-.00252	.00043	.00367	-.01124
Stddev	.00070	.00056	.00056	.00295	.00117	.00433	.00308
%RSD	60.732	264.24	48.653	117.18	270.37	118.05	27.409

#1	.00179	-.00022	.00154	-.00182	-.00075	.00825	-.01457
#2	.00040	-.00076	.00051	.00002	.00158	-.00035	-.01065
#3	.00128	.00035	.00142	-.00576	.00046	.00311	-.00850

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00003	.00398	.00010	.00012	.00001	.00336
Stddev	.00011	.00002	.01132	.00017	.00016	.00025	.00054
%RSD	181.82	70.141	284.47	176.17	133.10	2866.3	15.999

#1	.00019	-.00002	-.00367	.00025	-.00005	.00001	.00398
#2	-.00004	-.00002	.01698	-.00009	.00015	-.00024	.00303
#3	.00004	-.00006	-.00137	.00012	.00026	.00026	.00307

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.01083	-.00011	.00057	-.06064	.00029	-.00237
Stddev	.00002	.03059	.00023	.00039	.00225	.00002	.00005
%RSD	21.075	282.58	210.04	68.099	3.7181	5.8641	2.2656

#1	-.00009	.01872	-.00022	.00088	-.05833	.00027	-.00231
#2	-.00008	-.00884	-.00026	.00069	-.06074	.00030	-.00241
#3	-.00006	-.04236	.00015	.00014	-.06284	.00030	-.00240

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05886	-.00016	.00835	F -.02189	.00014	-.00042	-.00079
Stddev	.03369	.00031	.00972	.01684	.00201	.00055	.00093
%RSD	57.241	202.08	116.47	76.929	1424.4	129.61	117.15

#1	-.08893	-.00015	.01934	-.02697	-.00214	-.00034	-.00015
#2	-.06521	.00016	.00089	-.03561	.00165	.00008	-.00037
#3	-.02245	-.00047	.00480	-.00309	.00091	-.00101	-.00186

Sample Name: PB116871BL Acquired: 2/7/2019 13:53:39 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116871BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00171	-0.0017	.00008	F 3.1000	F 1.1709
Stddev	.00072	.0021	.00007	.1658	1.4376
%RSD	42.278	125.4	93.083	5.3474	122.77

#1	-0.00097	-0.0036	-0.00000	3.1645	2.3104
#2	-0.00176	.0006	.00013	3.2238	1.6465
#3	-0.00241	-0.0020	.00010	2.9117	-.44417

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3305.8	41999.	4548.9	15.558	3957.7
Stddev	4.6	157.	35.5	.680	7.1
%RSD	.13815	.37267	.77942	4.3709	.17854

#1	3300.5	41960.	4572.1	15.586	3951.2
#2	3308.7	41865.	4508.1	16.223	3965.2
#3	3308.2	42171.	4566.6	14.864	3956.7

Sample Name: K1161-04 Acquired: 2/7/2019 13:58:05 Type: Unk
Method: P4-ICP2(v2837) 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	.03008	.01458	.03520	.08219	.03692	.89446	.67727
Stddev	.00031	.00080	.00119	.00126	.00194	.02029	.00095
%RSD	1.0280	5.4990	3.3927	1.5272	5.2600	2.2682	.14031

#1	.03007	.01437	.03389	.08195	.03802	.90794	.67692
#2	.02978	.01390	.03549	.08106	.03468	.90432	.67835
#3	.03040	.01546	.03623	.08354	.03806	.87113	.67655

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00817	.04281	.01287	.16055	.00007	1.5512	1.4465
Stddev	.00003	.00015	.01835	.00155	.00014	.0071	.0214
%RSD	.35702	.34878	142.64	.96257	202.59	.45645	1.4770

#1	.00816	.04265	.01388	.15880	-.00005	1.5593	1.4276
#2	.00815	.04281	-.00597	.16111	.00023	1.5482	1.4422
#3	.00820	.04295	.03070	.16174	.00003	1.5461	1.4697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48608	.01413	.41378	.24879	-.02640	.68000	.70436
Stddev	.00056	.02955	.00162	.00307	.00662	.00559	.00344
%RSD	.11437	209.23	.39247	1.2348	25.067	.82253	.48848

#1	.48555	.04275	.41195	.24675	-.03328	.67522	.70054
#2	.48666	.01589	.41503	.24730	-.02009	.67863	.70721
#3	.48604	-.01627	.41438	.25233	-.02582	.68615	.70533

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07276	.09770	1.7558	-.03045	.09839	.00030	.00441
Stddev	.01039	.00037	.0122	.01266	.00219	.00044	.00160
%RSD	14.278	.37852	.69317	41.598	2.2248	144.71	36.251

#1	-.07170	.09813	1.7627	-.01906	.09594	.00059	.00608
#2	-.06295	.09744	1.7630	-.04409	.09907	-.00020	.00288
#3	-.08365	.09754	1.7418	-.02819	.10015	.00052	.00428

Sample Name: K1161-04 Acquired: 2/7/2019 13:58:05 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00327	-0.0008	-0.00090	3.5161	F<.00000
Stddev	.00258	.0021	.00005	.1309	1.9122
%RSD	78.868	263.6	5.1536	3.7225	70.110

#1	-0.00554	-0.0029	-0.00085	3.6218	-3.9672
#2	-0.00046	.0012	-0.00094	3.5569	-3.6901
#3	-0.00382	-0.0006	-0.00092	3.3697	-.52523

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3258.3	41174.	4442.6	15.719	3859.3
Stddev	14.9	36.	6.8	1.125	19.0
%RSD	.45580	.08672	.15375	7.1586	.49207

#1	3243.0	41137.	4450.4	16.643	3879.5
#2	3272.7	41179.	4439.3	14.466	3841.8
#3	3259.0	41208.	4438.0	16.048	3856.5

Sample Name: PB116861BS Acquired: 2/7/2019 14:02:20 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116871BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84378	2.1255	1.0476	2.0866	.87151	2.1687	.20221
Stddev	.00495	.0169	.0081	.0081	.00203	.0130	.00671
%RSD	.58705	.79471	.77740	.38869	.23299	.60103	3.3192

#1	.84069	2.1078	1.0391	2.0816	.87363	2.1820	.19583
#2	.84949	2.1272	1.0554	2.0960	.87131	2.1559	.20160
#3	.84115	2.1414	1.0483	2.0822	.86959	2.1683	.20921

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20607	.20047	1.1539	.45557	.21249	.34415	3.4235
Stddev	.00025	.00104	.0257	.00186	.00135	.00337	.0320
%RSD	.12233	.51928	2.2258	.40749	.63732	.97863	.93470

#1	.20621	.19928	1.1322	.45390	.21106	.34187	3.3958
#2	.20578	.20118	1.1473	.45523	.21266	.34802	3.4161
#3	.20621	.20096	1.1823	.45757	.21375	.34257	3.4585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22778	2.2311	.51615	.07982	3.1482	.32690	.22062
Stddev	.00067	.0311	.00316	.00019	.0135	.00138	.00136
%RSD	.29462	1.3918	.61204	.24382	.42826	.42355	.61429

#1	.22852	2.2272	.51271	.07963	3.1356	.32756	.21910
#2	.22722	2.2639	.51892	.07981	3.1465	.32531	.22107
#3	.22759	2.2021	.51682	.08001	3.1624	.32783	.22170

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.555	.46218	.33237	F -.01625	.99106	.73956	.22109
Stddev	.072	.00173	.00323	.01985	.00247	.00473	.00400
%RSD	.68377	.37436	.97158	122.12	.24941	.63938	1.8114

#1	10.507	.46045	.32942	-.01051	.98981	.73415	.21952
#2	10.520	.46391	.33582	.00009	.98946	.74166	.21810
#3	10.638	.46219	.33188	-.03834	.99390	.74288	.22564

Sample Name: PB116861BS Acquired: 2/7/2019 14:02:20 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB116871BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22419	5.683	.21470	F 3.4777	F<.00000
Stddev	.00069	.034	.00128	.1344	.94526
%RSD	.30773	.5910	.59780	3.8659	3.0004
#1	.22373	5.645	.21405	3.3350	-32.347
#2	.22385	5.708	.21387	3.4962	-31.683
#3	.22498	5.697	.21618	3.6020	-30.482
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3267.1	41696.	4550.4	16.011	3870.5
Stddev	5.1	117.	28.0	1.651	21.4
%RSD	.15605	.28064	.61549	10.314	.55194
#1	3272.5	41609.	4567.7	17.457	3894.9
#2	3262.4	41829.	4565.4	16.364	3861.6
#3	3266.3	41650.	4518.1	14.211	3855.1

Sample Name: PB116871TB Acquired: 2/7/2019 14:06:25 Type: Unk
Method: P4-ICP2(v2837) 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	-.00531	-.00276	.00140	.00231	.00170	.00692	-.01414
Stddev	.00188	.00318	.00108	.00035	.00145	.01350	.00140
%RSD	35.395	115.27	77.294	15.084	84.994	195.05	9.9155

#1	-.00728	-.00132	.00097	.00216	.00034	.00688	-.01460
#2	-.00513	-.00055	.00262	.00206	.00155	-.00656	-.01525
#3	-.00353	-.00640	.00059	.00270	.00322	.02044	-.01256

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00017	-.00112	.00066	-.00014	-.00045	-.00094
Stddev	.00004	.00004	.00876	.00014	.00003	.00074	.00025
%RSD	183.37	23.942	784.34	20.693	20.051	165.74	26.421

#1	.00001	-.00014	-.00120	.00080	-.00013	.00014	-.00104
#2	-.00001	-.00016	.00768	.00053	-.00011	-.00128	-.00066
#3	-.00007	-.00022	-.00983	.00064	-.00017	-.00020	-.00113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.02093	.00215	.00331	F 262.49	.00031	-.00296
Stddev	.00005	.04350	.00012	.00024	1.41	.00029	.00013
%RSD	69.130	207.80	5.5953	7.1123	.53834	95.437	4.3364

#1	.00011	.06837	.00222	.00318	264.09	.00011	-.00290
#2	.00009	.01151	.00201	.00316	261.95	.00065	-.00287
#3	.00001	-.01708	.00222	.00358	261.43	.00017	-.00310

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02986	.00014	.01037	F -.02124	.00670	.00115	.00055
Stddev	.01319	.00009	.00018	.01374	.00267	.00074	.00176
%RSD	44.173	66.153	1.7117	64.682	39.915	64.001	317.80

#1	.01605	.00023	.01044	-.01434	.00854	.00126	.00149
#2	.03120	.00014	.01017	-.01232	.00363	.00036	.00165
#3	.04233	.00005	.01051	-.03706	.00793	.00182	-.00148

Sample Name: PB116871TB Acquired: 2/7/2019 14:06:25 Type: Unk
Method: P4-ICP2(v2837) 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	.00159	-.0013	.00012	4.7319	10.724
Stddev	.00420	.0013	.00012	.0492	1.426
%RSD	264.66	95.09	95.078	1.0393	13.297
#1	-.00301	.0001	.00025	4.7662	11.009
#2	.00254	-.0021	.00001	4.6756	11.987
#3	.00523	-.0020	.00012	4.7540	9.1777
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3091.9	37965.	4469.0	16.190	3445.4
Stddev	13.9	54.	25.0	.580	13.8
%RSD	.44839	.14123	.55978	3.5831	.40057
#1	3107.2	37950.	4440.8	16.855	3461.3
#2	3080.2	37920.	4488.6	15.784	3438.3
#3	3088.4	38024.	4477.5	15.932	3436.5

Sample Name: CCV02 Acquired: 2/7/2019 14:11:01 Type: Unk

Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: CCV14523 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1130	4.9359	4.9736	5.0835	5.1106	10.269	9.6165	.25218
Stddev	.0073	.0193	.0088	.0110	.0176	.133	.0999	.00057
%RSD	.14286	.39123	.17682	.21717	.34353	1.2946	1.0388	.22619
#1	5.1086	4.9158	4.9692	5.0748	5.0966	10.134	9.6800	.25154
#2	5.1214	4.9543	4.9837	5.0959	5.1303	10.275	9.6682	.25262
#3	5.1089	4.9376	4.9678	5.0797	5.1049	10.399	9.5014	.25238
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4308	24.887	1.0292	2.4823	1.2607	4.9759	2.5529	25.255
Stddev	.0050	.155	.0012	.0072	.0017	.0673	.0002	.157
%RSD	.20392	.62288	.11811	.29060	.13539	1.3530	.00702	.62091
#1	2.4254	24.938	1.0294	2.4764	1.2593	5.0229	2.5528	25.150
#2	2.4352	25.010	1.0280	2.4903	1.2626	5.0061	2.5531	25.436
#3	2.4318	24.713	1.0304	2.4801	1.2602	4.8988	2.5528	25.181
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4096	1.3113	23.630	2.5037	2.5535	24.174	5.1206	4.9313
Stddev	.0035	.0035	.314	.0092	.0041	.283	.0126	.0361
%RSD	.14707	.26959	1.3271	.36904	.16000	1.1710	.24657	.73140
#1	2.4091	1.3120	23.823	2.5090	2.5507	24.362	5.1131	4.9439
#2	2.4064	1.3075	23.799	2.5090	2.5582	24.311	5.1351	4.9594
#3	2.4134	1.3145	23.268	2.4930	2.5517	23.848	5.1134	4.8906
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7848	4.8050	4.9123	5.0404	4.9913	4.890	5.0131	F 4.2664
Stddev	.0120	.0577	.0082	.0260	.0462	.009	.0471	.0173
%RSD	.25064	1.2015	.16764	.51517	.92517	.1873	.93879	.40646
#1	4.7812	4.8408	4.9031	5.0354	5.0187	4.886	5.0328	4.2815
#2	4.7982	4.8357	4.9152	5.0685	5.0171	4.901	5.0471	4.2474
#3	4.7751	4.7384	4.9188	5.0173	4.9380	4.884	4.9594	4.2703

Sample Name: CCV02 Acquired: 2/7/2019 14:11:01 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14523 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .54117
Stddev	.78649
%RSD	145.33

#1	1.4384
#2	-.02914
#3	.21424

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3175.2	39938.	4504.5	14.233	3538.4
Stddev	7.6	88.	69.9	.723	8.1
%RSD	.23807	.22132	1.5513	5.0801	.22901

#1	3181.3	39860.	4449.4	13.875	3547.4
#2	3166.8	39921.	4481.0	13.759	3531.6
#3	3177.6	40034.	4583.1	15.065	3536.2

Sample Name: CCB02 Acquired: 2/7/2019 14:15:00 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14523 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00070	-.00160	.00107	-.00199	-.00116	.00459	-.00955
Stddev	.00086	.00159	.00058	.00162	.00208	.01115	.00048
%RSD	123.35	99.386	54.314	81.840	179.71	242.86	5.0727

#1	.00010	.00024	.00172	-.00180	.00121	.01708	-.00917
#2	-.00161	-.00254	.00062	-.00046	-.00199	.00103	-.00938
#3	-.00058	-.00248	.00086	-.00370	-.00269	-.00435	-.01010

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00000	-.00650	.00008	.00009	.00025	-.00039
Stddev	.00005	.00000	.01420	.00035	.00003	.00022	.00075
%RSD	57.235	31.579	218.55	417.60	33.069	90.696	189.27

#1	.00012	-.00000	.00443	-.00022	.00011	-.00001	.00042
#2	.00011	-.00000	-.02254	.00001	.00006	.00033	-.00055
#3	.00003	-.00000	-.00137	.00046	.00009	.00042	-.00105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00962	-.00044	.00064	-.02636	.00024	-.00238
Stddev	.00003	.02016	.00018	.00006	.01901	.00048	.00010
%RSD	116.21	209.55	41.944	9.0000	72.104	196.90	4.1213

#1	-.00003	.01016	-.00048	.00067	-.03829	.00015	-.00234
#2	.00000	-.01080	-.00060	.00067	-.03635	-.00019	-.00231
#3	-.00006	.02950	-.00024	.00057	-.00444	.00077	-.00249

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04656	.00008	.00684	F -.04182	.00019	.00002	-.00103
Stddev	.07064	.00015	.00540	.01664	.00212	.00084	.00141
%RSD	151.70	185.84	78.912	39.782	1138.4	3550.1	137.41

#1	.03339	.00025	.01179	-.03185	-.00221	.00020	.00022
#2	-.10053	.00002	.00764	-.03258	.00095	-.00089	-.00256
#3	-.07254	-.00003	.00109	-.06102	.00182	.00076	-.00074

Sample Name: CCB02 Acquired: 2/7/2019 14:15:00 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14523 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00197	-.0016	.00008	F 3.1757	F 1.6640
Stddev	.00070	.0015	.00013	.1380	1.3588
%RSD	35.752	94.59	158.04	4.3447	81.658

#1	.00278	-.0008	.00003	3.1019	1.8202
#2	.00161	-.0006	.00023	3.0903	2.9380
#3	.00152	-.0033	-.00001	3.3349	.23388

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3322.2	41961.	4541.9	15.814	3971.2
Stddev	34.0	72.	13.6	1.386	19.7
%RSD	1.0223	.17079	.29863	8.7617	.49685

#1	3294.7	41989.	4526.7	16.273	3993.7
#2	3360.2	41879.	4552.8	16.911	3956.7
#3	3311.7	42014.	4546.1	14.257	3963.2

Sample Name: LR CHECK 1 Acquired: 2/7/2019 14:20:48 Type: Unk
Method: P4-ICP2(v2837) 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	-.10529	-.02250	-.05981	.05282	-.03586	2029.5	-.02144	.00324
Stddev	.00379	.00440	.00139	.01062	.00484	13.5	.00133	.00021
%RSD	3.5966	19.561	2.3201	20.102	13.505	.66504	6.1910	6.5670

#1	-.10725	-.01755	-.05978	.05893	-.03077	2021.1	-.02219	.00328
#2	-.10093	-.02596	-.05844	.05896	-.03639	2022.3	-.02222	.00343
#3	-.10769	-.02399	-.06122	.04056	-.04042	2045.0	-.01991	.00301

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01135	1746.6	-.03863	.04654	-.05430	907.95	.02023	1881.1
Stddev	.00041	4.7	.00029	.00057	.00211	4.65	.00054	11.6
%RSD	3.5752	.26659	.76247	1.2326	3.8919	.51220	2.6575	.61849

#1	.01091	1751.7	-.03894	.04665	-.05669	913.30	.02056	1894.6
#2	.01144	1745.3	-.03836	.04592	-.05267	905.66	.01961	1874.4
#3	.01170	1742.7	-.03857	.04705	-.05355	904.90	.02052	1874.5

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05778	-.06521	1658.1	.01471	.00037	1040.9	.00258	.02981
Stddev	.00098	.00152	26.7	.00100	.00118	15.0	.00060	.01730
%RSD	1.6884	2.3311	1.6129	6.8273	318.99	1.4410	23.402	58.044

#1	.05691	-.06356	1689.0	.01411	-.00097	1055.6	.00227	.04049
#2	.05758	-.06655	1642.1	.01586	.00086	1041.5	.00327	.03909
#3	.05883	-.06551	1643.3	.01414	.00122	1025.6	.00219	.00985

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51839	-.03687	.06537	-.05517	.18428	.0477	-.98243	3.7790
Stddev	.03123	.00210	.00438	.00182	.00071	.0032	.00513	.0422
%RSD	6.0234	5.6955	6.6961	3.2950	.38800	6.665	.52229	1.1161

#1	.55091	-.03691	.06081	-.05702	.18438	.0454	-.98834	3.7596
#2	.51562	-.03894	.06953	-.05508	.18352	.0464	-.97983	3.8274
#3	.48865	-.03474	.06578	-.05339	.18494	.0513	-.97912	3.7501

Sample Name: LR CHECK 1 Acquired: 2/7/2019 14:20:48 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 15.401
%RSD .38916

#1 -3940.3
#2 -3962.1
#3 -3970.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2286.2	27563.	3864.5	14.067	1990.5
Stddev	4.0	56.	23.5	1.089	7.6
%RSD	.17501	.20470	.60876	7.7394	.38361

#1	2290.5	27512.	3837.4	15.309	1999.0
#2	2285.5	27624.	3877.2	13.616	1988.1
#3	2282.6	27555.	3879.0	13.276	1984.4

Sample Name: LR CHECK 2 Acquired: 2/7/2019 14:25:52 Type: Unk
Method: P4-ICP2(v2837) 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	-.00451	-.01506	256.77	.02429	-.06071	-.27349	100.45	-.00076
Stddev	.00114	.00142	.54	.00118	.00027	.01555	.38	.00001
%RSD	25.217	9.4129	.20992	4.8626	.44533	5.6849	.38303	1.8840

#1	-.00492	-.01343	257.27	.02315	-.06054	-.29084	100.88	-.00077
#2	-.00323	-.01593	256.20	.02422	-.06103	-.26883	100.14	-.00075
#3	-.00539	-.01583	256.86	.02550	-.06057	-.26081	100.34	-.00075

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01261	.24159	-.13526	-.01379	246.63	-.23321	46.477	-.02838
Stddev	.00006	.01639	.00067	.00044	1.51	.00070	.017	.00371
%RSD	.47979	6.7854	.49286	3.2133	.61422	.29995	.03585	13.068

#1	-.01262	.26011	-.13603	-.01335	245.55	-.23370	46.463	-.03251
#2	-.01267	.22893	-.13494	-.01378	245.98	-.23241	46.496	-.02535
#3	-.01255	.23574	-.13481	-.01423	248.36	-.23352	46.473	-.02727

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.006	.00976	.90307	-.07883	38.227	1.0009	-.00665	.00590
Stddev	.070	.00053	.04616	.00061	.040	.0648	.00027	.00364
%RSD	.13220	5.4694	5.1110	.77708	.10561	6.4711	4.0846	61.708

#1	53.070	.00917	.95517	-.07828	38.267	1.0672	-.00679	.00619
#2	53.018	.00993	.88675	-.07949	38.186	.99794	-.00633	.00212
#3	52.931	.01019	.86730	-.07872	38.229	.93772	-.00682	.00938

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.13328	-.00455	.00215	-.00406	-.00030	-.2958	.00207	3.8340
Stddev	.01994	.00268	.00018	.00227	.00068	.0026	.00007	.1021
%RSD	14.960	58.925	8.4593	55.987	223.42	.8911	3.3179	2.6626

#1	-.11771	-.00580	.00226	-.00599	.00043	-.2976	.00200	3.9143
#2	-.15576	-.00639	.00225	-.00464	-.00091	-.2970	.00213	3.8686
#3	-.12639	-.00147	.00194	-.00155	-.00043	-.2928	.00209	3.7191

Sample Name: LR CHECK 2 Acquired: 2/7/2019 14:25:52 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 62.397
 Stddev 3.435
 %RSD 5.5044

#1 58.567
 #2 65.204
 #3 63.421

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2948.9	41664.	4637.8	12.902	3639.0
Stddev	6.0	90.	38.1	1.143	3.1
%RSD	.20503	.21658	.82134	8.8613	.08585

#1	2950.9	41589.	4594.5	13.866	3637.8
#2	2953.6	41639.	4665.8	11.639	3642.6
#3	2942.0	41764.	4653.2	13.200	3636.7

Sample Name: K1338-01 Acquired: 2/7/2019 14:33:10 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-020519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09237	-.01963	.25053	.01024	-.02314	127.77	.48418
Stddev	.00118	.00069	.00146	.00217	.00102	.40	.00029
%RSD	1.2815	3.4950	.58238	21.235	4.4150	.31359	.05996

#1	.09139	-.01921	.25113	.00955	-.02391	127.42	.48414
#2	.09368	-.01926	.25160	.00849	-.02198	127.69	.48391
#3	.09202	-.02043	.24887	.01267	-.02352	128.21	.48449

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00930	.00109	257.08	.26653	.06622	.11429	206.45
Stddev	.00003	.00006	.43	.00164	.00017	.00101	.40
%RSD	.29596	5.1560	.16618	.61671	.26153	.88009	.19440

#1	.00928	.00106	256.85	.26480	.06640	.11356	206.09
#2	.00933	.00116	256.81	.26807	.06620	.11544	206.39
#3	.00929	.00106	257.57	.26670	.06606	.11387	206.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5258	130.33	.09154	-.01452	2.4693	.34724	.55618
Stddev	.0072	.55	.00043	.00028	.0095	.00085	.00115
%RSD	.20459	.41930	.47211	1.9579	.38522	.24363	.20628

#1	3.5214	129.87	.09150	-.01427	2.4784	.34630	.55681
#2	3.5220	130.20	.09199	-.01447	2.4594	.34793	.55485
#3	3.5342	130.94	.09112	-.01483	2.4701	.34750	.55686

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.996	.00922	.05472	8.0217	2.8931	.01939	.87724
Stddev	.062	.00047	.00625	.0058	.0145	.00057	.00108
%RSD	.32653	5.0889	11.422	.07250	.50119	2.9631	.12331

#1	19.053	.00879	.04778	8.0200	2.8888	.01902	.87849
#2	18.930	.00972	.05991	8.0282	2.9093	.02006	.87654
#3	19.004	.00915	.05647	8.0170	2.8813	.01910	.87670

Sample Name: K1338-01 Acquired: 2/7/2019 14:33:10 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-06-020519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18681	6.646	.21639	2.0750	F<.00000
Stddev	.00102	.012	.00189	.1972	7.9044
%RSD	.54423	.1864	.87530	9.5040	.57462
#1	.18608	6.641	.21852	2.1638	-1367.2
#2	.18797	6.660	.21489	1.8490	-1376.7
#3	.18638	6.637	.21576	2.2122	-1382.9
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3301.4	41661.	5000.6	16.070	3228.8
Stddev	5.7	70.	21.6	.480	3.8
%RSD	.17307	.16732	.43211	2.9857	.11649
#1	3306.1	41657.	4975.7	15.971	3225.9
#2	3295.1	41732.	5012.3	15.647	3233.1
#3	3303.1	41593.	5013.9	16.591	3227.6

Sample Name: K1338-03 Acquired: 2/7/2019 14:37:39 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-020519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09941	-.01977	.36148	.01621	-.03075	135.88	.48378
Stddev	.00294	.00261	.00128	.00155	.00101	.59	.00431
%RSD	2.9531	13.227	.35501	9.5410	3.2996	.43592	.89146

#1	.09648	-.02041	.36005	.01642	-.03135	135.55	.48863
#2	.10235	-.02200	.36252	.01764	-.02958	136.56	.48231
#3	.09940	-.01689	.36189	.01457	-.03133	135.52	.48039

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00740	.00077	130.93	.28193	.05377	.15898	271.69
Stddev	.00008	.00002	.46	.00082	.00007	.00105	1.69
%RSD	1.0979	2.4020	.34793	.29235	.13690	.66090	.62139

#1	.00748	.00077	131.25	.28218	.05385	.15793	273.47
#2	.00740	.00076	131.14	.28101	.05371	.16003	271.48
#3	.00731	.00079	130.41	.28260	.05375	.15898	270.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8132	43.701	.09279	-.02057	3.3209	.45736	.62111
Stddev	.0014	.126	.00078	.00039	.0302	.00502	.00180
%RSD	.07566	.28866	.84512	1.9199	.90949	1.0969	.29011

#1	1.8119	43.685	.09237	-.02037	3.3541	.46188	.62156
#2	1.8146	43.834	.09370	-.02031	3.3138	.45197	.61913
#3	1.8132	43.584	.09232	-.02102	3.2950	.45825	.62265

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.943	.01079	.04194	5.2327	4.8529	.02321	1.0441
Stddev	.076	.00035	.00683	.0120	.0317	.00098	.0019
%RSD	.50920	3.2452	16.291	.22867	.65260	4.2037	.18496

#1	15.027	.01043	.03795	5.2453	4.8895	.02423	1.0420
#2	14.922	.01113	.04983	5.2215	4.8337	.02228	1.0458
#3	14.879	.01081	.03805	5.2314	4.8357	.02311	1.0443

Sample Name: K1338-03 Acquired: 2/7/2019 14:37:39 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-06-020519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12848	5.487	.29962	1.6585	F<.00000
Stddev	.00170	.007	.00164	.2310	14.777
%RSD	1.3220	.1200	.54732	13.927	.79369
#1	.12697	5.481	.30115	1.4841	-1868.4
#2	.12816	5.494	.29983	1.9205	-1844.9
#3	.13032	5.487	.29789	1.5710	-1872.2
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3315.1	41473.	4963.2	16.521	3300.9
Stddev	13.6	77.	30.2	1.391	7.9
%RSD	.40949	.18508	.60940	8.4215	.23960
#1	3301.7	41493.	4930.5	15.152	3292.8
#2	3314.7	41388.	4968.8	16.478	3308.6
#3	3328.8	41538.	4990.2	17.934	3301.4

Sample Name: K1338-05 Acquired: 2/7/2019 14:42:05 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-020519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10365	-.01709	.13556	.01520	-.04290	94.332	.39781
Stddev	.00140	.00322	.00366	.00123	.00189	.552	.01356
%RSD	1.3491	18.863	2.6977	8.1113	4.4011	.58570	3.4090

#1	.10258	-.01917	.13264	.01379	-.04451	94.661	.41298
#2	.10314	-.01338	.13439	.01580	-.04082	93.694	.39360
#3	.10523	-.01873	.13966	.01602	-.04337	94.641	.38686

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00649	.00063	63.665	.21528	.05384	.09075	337.63
Stddev	.00008	.00083	1.007	.00242	.00012	.00174	7.11
%RSD	1.1867	131.42	1.5817	1.1234	.22298	1.9147	2.1069

#1	.00654	-.00014	64.660	.21336	.05397	.09023	344.10
#2	.00640	.00052	63.689	.21448	.05374	.08934	338.77
#3	.00653	.00152	62.646	.21799	.05382	.09269	330.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3095	27.553	.11459	-.02795	3.5039	.32790	.58902
Stddev	.0033	.653	.00146	.00091	.0725	.00100	.00139
%RSD	.25008	2.3683	1.2729	3.2733	2.0704	.30405	.23627

#1	1.3106	28.136	.11336	-.02745	3.5790	.32844	.58742
#2	1.3058	27.675	.11420	-.02740	3.4983	.32851	.58999
#3	1.3120	26.848	.11620	-.02901	3.4342	.32675	.58964

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.639	.02216	-.00034	4.7687	2.8186	.04035	.69473
Stddev	.325	.00023	.00389	.0599	.0363	.00112	.00696
%RSD	2.0762	1.0536	1145.6	1.2570	1.2895	2.7837	1.0020

#1	15.990	.02240	-.00426	4.8255	2.8544	.04039	.70102
#2	15.579	.02193	.00351	4.7746	2.8196	.04146	.69592
#3	15.349	.02215	-.00027	4.7061	2.7817	.03922	.68725

Sample Name: K1338-05 Acquired: 2/7/2019 14:42:05 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-06-020519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08070	9.576	-.05023	.93695	F<.00000
Stddev	.00158	.041	.00267	.10603	23.213
%RSD	1.9633	.4240	5.3238	11.316	.93180
#1	.08164	9.615	-.05109	.98212	-2465.1
#2	.08159	9.579	-.05237	.81582	-2509.7
#3	.07887	9.534	-.04723	1.0129	-2498.7
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3392.9	42433.	5032.7	15.810	3417.7
Stddev	13.3	179.	90.0	1.575	6.8
%RSD	.39233	.42220	1.7888	9.9612	.20004
#1	3377.6	42273.	4952.0	14.020	3416.8
#2	3401.8	42626.	5016.3	16.983	3411.4
#3	3399.3	42399.	5129.8	16.426	3425.0

Sample Name: K1356-01 Acquired: 2/7/2019 14:46:22 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-020519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01630	-.11541	.19187	.00923	-.03558	176.07	.79960
Stddev	.00212	.00081	.00210	.00201	.00154	1.24	.00676
%RSD	13.032	.70409	1.0939	21.752	4.3211	.70677	.84597

#1	.01395	-.11609	.19198	.01120	-.03723	176.56	.79570
#2	.01685	-.11564	.19392	.00930	-.03531	177.00	.79570
#3	.01809	-.11451	.18972	.00719	-.03419	174.66	.80741

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00799	.01390	78.307	.27637	.35929	.38946	274.34
Stddev	.00021	.00017	.731	.00300	.00070	.00172	3.43
%RSD	2.6022	1.2534	.93340	1.0844	.19615	.44057	1.2519

#1	.00793	.01376	77.757	.27843	.35849	.39072	271.56
#2	.00822	.01410	78.027	.27775	.35980	.39014	273.27
#3	.00782	.01385	79.136	.27293	.35959	.38750	278.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9430	58.819	.33928	-.02689	9.5801	.82869	1.0061
Stddev	.0723	.684	.00117	.00124	.0854	.00092	.0006
%RSD	.80829	1.1621	.34443	4.6144	.89154	.11161	.05650

#1	8.9927	58.261	.34027	-.02796	9.4960	.82872	1.0067
#2	8.9762	58.615	.33799	-.02717	9.5775	.82960	1.0056
#3	8.8601	59.582	.33956	-.02553	9.6667	.82775	1.0058

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9689	.00087	-.02099	4.7739	2.9431	.02721	5.4646
Stddev	.0599	.00048	.00722	.0549	.0300	.00116	.0714
%RSD	.60126	55.155	34.407	1.1509	1.0190	4.2622	1.3064

#1	9.9287	.00137	-.01872	4.7166	2.9416	.02819	5.3838
#2	9.9403	.00042	-.02908	4.8262	2.9139	.02593	5.4907
#3	10.038	.00081	-.01518	4.7789	2.9739	.02750	5.5193

Sample Name: K1356-01 Acquired: 2/7/2019 14:46:22 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-01-020519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17787	9.159	-.01473	<.00000	F<.00000
Stddev	.00338	.016	.00201	.23714	19.153
%RSD	1.9028	.1717	13.619	9.3761	.73844
#1	.17398	9.152	-.01268	-2.3623	-2572.8
#2	.17948	9.177	-.01483	-2.4246	-2598.0
#3	.18015	9.148	-.01669	-2.8006	-2610.4
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4129.6	51616.	6247.5	16.617	3215.0
Stddev	2.7	400.	47.1	.313	1.3
%RSD	.06498	.77527	.75450	1.8818	.04112
#1	4127.7	51290.	6266.8	16.332	3213.9
#2	4128.5	51495.	6281.9	16.567	3216.5
#3	4132.7	52063.	6193.8	16.951	3214.7

Sample Name: K1356-03 Acquired: 2/7/2019 14:50:54 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-020519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02573	-.05675	1.0246	.01030	-.02044	108.87	.51237
Stddev	.00035	.00186	.0007	.00104	.00302	.38	.00789
%RSD	1.3614	3.2706	.07082	10.125	14.797	.34982	1.5395

#1	.02540	-.05603	1.0244	.01142	-.01971	108.64	.51716
#2	.02610	-.05536	1.0239	.00936	-.01784	108.66	.50327
#3	.02568	-.05886	1.0254	.01012	-.02376	109.31	.51668

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00494	.00417	48.051	.20225	.12049	.49077	167.48
Stddev	.00002	.00005	.461	.00236	.00023	.00180	1.07
%RSD	.37519	1.2910	.95889	1.1654	.18902	.36704	.64019

#1	.00492	.00411	48.185	.19953	.12043	.49081	168.34
#2	.00495	.00419	47.538	.20351	.12074	.49255	166.28
#3	.00495	.00422	48.430	.20370	.12029	.48895	167.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1750	35.230	.21335	-.01149	9.6829	.30721	1.0156
Stddev	.0066	.271	.00041	.00035	.0867	.00148	.0035
%RSD	.15864	.76982	.19068	3.0254	.89499	.48149	.34421

#1	4.1775	35.310	.21340	-.01115	9.7304	.30573	1.0151
#2	4.1675	34.928	.21373	-.01185	9.5829	.30720	1.0124
#3	4.1801	35.452	.21292	-.01148	9.7354	.30869	1.0193

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1527	.00469	.03413	3.8365	1.4185	.02190	2.7735
Stddev	.0685	.00053	.00695	.0290	.0095	.00117	.0065
%RSD	.74872	11.351	20.362	.75704	.67329	5.3361	.23396

#1	9.1865	.00478	.02967	3.8031	1.4167	.02091	2.7696
#2	9.0739	.00516	.03059	3.8513	1.4099	.02160	2.7699
#3	9.1978	.00411	.04214	3.8553	1.4288	.02319	2.7810

Sample Name: K1356-03 Acquired: 2/7/2019 14:50:54 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-020519 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12060	F 10.59	-.04124	<.00000	F<.00000
Stddev	.00075	.05	.00089	.03280	8.7220
%RSD	.61958	.5127	2.1623	1.5495	.64452
#1	.11998	10.59	-.04187	-2.1065	-1359.6
#2	.12039	10.53	-.04022	-2.1536	-1343.3
#3	.12143	10.64	-.04162	-2.0906	-1356.8
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4244.1	53023.	6230.8	16.814	3484.6
Stddev	2.8	121.	38.0	1.569	14.6
%RSD	.06551	.22895	.60991	9.3294	.41988
#1	4243.0	53157.	6216.7	17.595	3487.7
#2	4242.0	52921.	6273.8	17.840	3497.5
#3	4247.2	52992.	6201.8	15.009	3468.7

Sample Name: K1358-01 Acquired: 2/7/2019 14:55:28 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-020519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07938	-.02643	.17155	.01266	-.02094	168.29	.26259
Stddev	.00332	.00239	.00132	.00435	.00201	.83	.01407
%RSD	4.1791	9.0596	.77189	34.321	9.6018	.49328	5.3593

#1	.08318	-.02886	.17010	.01734	-.02198	167.33	.27806
#2	.07794	-.02408	.17270	.01189	-.01863	168.73	.25916
#3	.07703	-.02636	.17184	.00875	-.02222	168.81	.25055

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00558	-.00034	76.453	.20157	.10051	.31009	201.48
Stddev	.00004	.00074	2.466	.00150	.00041	.00074	7.83
%RSD	.66487	220.64	3.2253	.74239	.41126	.23911	3.8862

#1	.00560	-.00119	79.290	.19994	.10096	.30928	210.51
#2	.00554	.00001	75.238	.20190	.10044	.31026	197.32
#3	.00561	.00017	74.830	.20288	.10014	.31074	196.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3422	28.153	.08789	-.01312	7.5275	.42963	.43241
Stddev	.0075	.885	.00052	.00153	.2913	.00271	.00169
%RSD	.32185	3.1423	.58713	11.697	3.8700	.63087	.39047

#1	2.3335	29.126	.08823	-.01137	7.8603	.42786	.43420
#2	2.3467	27.935	.08730	-.01378	7.4034	.42827	.43219
#3	2.3465	27.398	.08815	-.01422	7.3187	.43275	.43085

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4860	.00292	.44819	3.2036	2.2909	.01287	1.4836
Stddev	.1402	.00036	.01334	.0231	.0819	.00019	.0360
%RSD	3.1250	12.371	2.9771	.72196	3.5732	1.4744	2.4241

#1	4.6423	.00327	.46323	3.2074	2.3851	.01293	1.5252
#2	4.4445	.00254	.44353	3.1788	2.2504	.01302	1.4637
#3	4.3713	.00294	.43779	3.2246	2.2371	.01265	1.4621

Sample Name: K1358-01 Acquired: 2/7/2019 14:55:28 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-020519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06605	4.808	-.06459	1.3235	F<.00000
Stddev	.00370	.045	.00432	.0898	8.6869
%RSD	5.6006	.9375	6.6957	6.7861	.62707
#1	.07001	4.857	-.06957	1.2903	-1375.6
#2	.06548	4.799	-.06190	1.4252	-1388.1
#3	.06267	4.769	-.06228	1.2550	-1392.2
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3590.5	44581.	5311.8	16.152	3432.1
Stddev	4.4	155.	194.0	1.575	23.6
%RSD	.12292	.34673	3.6528	9.7508	.68696
#1	3585.5	44743.	5091.1	14.779	3406.1
#2	3593.9	44435.	5389.2	15.807	3438.2
#3	3592.2	44564.	5455.3	17.871	3452.1

Sample Name: K1358-01DUP Acquired: 2/7/2019 14:59:54 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-020519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08209	-.02390	.17010	.01377	-.02235	166.63	.26236
Stddev	.00333	.00232	.00159	.00026	.00103	.81	.01858
%RSD	4.0545	9.7143	.93628	1.8776	4.5952	.48673	7.0806

#1	.08517	-.02129	.16828	.01388	-.02185	167.44	.28314
#2	.07856	-.02468	.17081	.01348	-.02353	165.82	.24735
#3	.08253	-.02574	.17122	.01396	-.02166	166.61	.25659

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00558	-.00038	76.149	.19927	.09967	.30782	201.04
Stddev	.00013	.00069	3.061	.00088	.00037	.00293	7.20
%RSD	2.2454	183.49	4.0202	.44305	.36971	.95236	3.5818

#1	.00550	-.00117	79.541	.19826	.09958	.30480	209.31
#2	.00552	.00007	73.590	.19963	.10008	.31065	196.13
#3	.00572	-.00002	75.316	.19991	.09936	.30802	197.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3249	28.089	.08671	-.01286	7.5512	.42887	.42758
Stddev	.0026	1.146	.00061	.00060	.3408	.00188	.00078
%RSD	.11016	4.0810	.70113	4.6581	4.5129	.43891	.18207

#1	2.3239	29.384	.08607	-.01217	7.9302	.42681	.42670
#2	2.3229	27.206	.08728	-.01314	7.2700	.43050	.42817
#3	2.3278	27.676	.08676	-.01326	7.4533	.42930	.42789

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4673	.00289	.44123	3.1899	2.2976	.01297	1.4775
Stddev	.1261	.00024	.01100	.0120	.0900	.00124	.0583
%RSD	2.8222	8.2972	2.4919	.37644	3.9163	9.5392	3.9483

#1	4.6037	.00316	.45352	3.2031	2.3986	.01438	1.5410
#2	4.3549	.00271	.43231	3.1797	2.2262	.01208	1.4262
#3	4.4434	.00279	.43788	3.1869	2.2679	.01244	1.4654

Sample Name: K1358-01DUP Acquired: 2/7/2019 14:59:54 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-020519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06619	4.738	-.06531	.90588	F<.00000
Stddev	.00341	.002	.00221	.15491	4.9408
%RSD	5.1549	.0505	3.3883	17.100	.35839
#1	.06863	4.740	-.06749	1.0485	-1382.6
#2	.06229	4.738	-.06538	.92808	-1373.1
#3	.06765	4.735	-.06306	.74107	-1380.2
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3596.1	44930.	5298.3	16.278	3458.3
Stddev	9.4	93.	200.2	.333	9.0
%RSD	.26097	.20681	3.7783	2.0447	.25957
#1	3595.8	44901.	5071.6	16.067	3450.4
#2	3586.8	44856.	5450.7	16.105	3468.1
#3	3605.6	45035.	5372.7	16.662	3456.5

Sample Name: K1358-01LX5 Acquired: 2/7/2019 15:04:20 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01788	-.00510	.03427	.00568	-.00675	37.480	.05108
Stddev	.00094	.00116	.00062	.00031	.00124	1.443	.00953
%RSD	5.2683	22.655	1.8197	5.5069	18.381	3.8499	18.662

#1	.01890	-.00642	.03367	.00543	-.00558	38.116	.05984
#2	.01705	-.00424	.03491	.00557	-.00805	38.496	.04093
#3	.01769	-.00466	.03423	.00603	-.00663	35.828	.05248

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00125	-.00204	18.578	.04671	.02102	.07477	56.788
Stddev	.00011	.00013	.465	.00271	.00045	.00030	1.078
%RSD	9.1557	6.2947	2.5034	5.7946	2.1463	.40147	1.8986

#1	.00122	-.00216	19.017	.04730	.02088	.07479	57.995
#2	.00138	-.00191	18.091	.04906	.02152	.07506	55.920
#3	.00116	-.00204	18.628	.04375	.02065	.07446	56.449

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55481	6.9614	.01756	-.00157	1.8262	.10061	.08217
Stddev	.02902	.1971	.00041	.00097	.0678	.00516	.00086
%RSD	5.2298	2.8318	2.3622	61.643	3.7144	5.1308	1.0464

#1	.56519	7.1318	.01732	-.00119	1.8956	.10137	.08172
#2	.57721	6.7455	.01804	-.00267	1.7600	.10535	.08316
#3	.52204	7.0069	.01733	-.00085	1.8232	.09511	.08162

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1426	.00072	.12710	.62684	.71874	.00348	.35817
Stddev	.0257	.00013	.01158	.03472	.01414	.00087	.01223
%RSD	2.2481	17.653	9.1074	5.5385	1.9680	25.086	3.4144

#1	1.1591	.00082	.13893	.58704	.73264	.00438	.37074
#2	1.1557	.00077	.11580	.64259	.70437	.00263	.34632
#3	1.1131	.00058	.12658	.65090	.71920	.00344	.35744

Sample Name: K1358-01LX5 Acquired: 2/7/2019 15:04:20 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7918 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01556	.9817	-.02504	2.8559	F<.00000
Stddev	.00156	.0084	.00025	.7018	2.0551
%RSD	10.057	.8555	1.0121	24.574	.71188

#1	.01628	.9771	-.02528	3.1642	-287.41
#2	.01377	.9914	-.02506	3.3508	-291.05
#3	.01664	.9766	-.02478	2.0527	-287.57

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3334.3	42624.	4721.2	16.069	3737.2
Stddev	4.0	1913.	105.3	.295	19.8
%RSD	.12035	4.4884	2.2313	1.8369	.53021

#1	3330.6	41902.	4625.6	16.104	3745.4
#2	3338.6	41177.	4834.1	15.758	3714.6
#3	3333.7	44793.	4703.8	16.346	3751.7

Sample Name: CCV03 Acquired: 2/7/2019 15:08:39 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14524 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0847	4.8946	4.9451	5.0534	5.0872	10.288	9.5853	.25185
Stddev	.0157	.0122	.0182	.0171	.0219	.053	.1991	.00098
%RSD	.30953	.24900	.36912	.33758	.43081	.51974	2.0771	.38846
#1	5.0884	4.8805	4.9259	5.0579	5.0938	10.307	9.7772	.25298
#2	5.0674	4.9017	4.9622	5.0345	5.0628	10.228	9.5991	.25127
#3	5.0982	4.9015	4.9471	5.0678	5.1051	10.329	9.3797	.25129
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4085	25.042	1.0278	2.4651	1.2506	4.9681	2.5439	25.336
Stddev	.0055	.279	.0087	.0084	.0061	.0884	.0096	.260
%RSD	.22702	1.1132	.84549	.34281	.49101	1.7790	.37737	1.0244
#1	2.4022	25.325	1.0358	2.4553	1.2519	5.0485	2.5545	25.631
#2	2.4117	25.035	1.0290	2.4700	1.2439	4.9823	2.5414	25.143
#3	2.4116	24.768	1.0185	2.4700	1.2560	4.8735	2.5358	25.233
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3809	1.3148	23.348	2.5000	2.5401	24.151	5.0874	4.9451
Stddev	.0063	.0064	.430	.0122	.0071	.422	.0213	.0457
%RSD	.26611	.48812	1.8403	.48847	.27880	1.7490	.41930	.92407
#1	2.3742	1.3217	23.772	2.5124	2.5320	24.538	5.1012	4.9979
#2	2.3819	1.3137	23.360	2.4996	2.5451	24.215	5.0628	4.9187
#3	2.3867	1.3089	22.913	2.4880	2.5432	23.701	5.0981	4.9187
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7464	4.8373	4.8765	5.0873	4.9488	4.872	5.0459	F 4.4324
Stddev	.0255	.0844	.0203	.0533	.0881	.004	.0898	.0756
%RSD	.53698	1.7444	.41703	1.0475	1.7796	.0750	1.7805	1.7055
#1	4.7750	4.9115	4.8552	5.1487	5.0357	4.868	5.1298	4.5196
#2	4.7380	4.8550	4.8784	5.0606	4.9509	4.874	5.0569	4.3916
#3	4.7261	4.7455	4.8957	5.0527	4.8596	4.875	4.9511	4.3859

Sample Name: CCV03 Acquired: 2/7/2019 15:08:39 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14524 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.3577
 Stddev 2.1510
 %RSD 158.43

#1 1.3934
 #2 -.81091
 #3 3.4907

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3176.8	39774.	4501.8	13.558	3550.5
Stddev	13.2	160.	80.9	.658	8.8
%RSD	.41535	.40267	1.7966	4.8528	.24816

#1	3169.6	39607.	4427.8	13.561	3560.5
#2	3192.0	39789.	4489.4	14.215	3544.0
#3	3168.8	39926.	4588.2	12.899	3547.0

Sample Name: CCB03 Acquired: 2/7/2019 15:12:37 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14524 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00145	-.00126	.00096	-.00060	-.00139	.00732	-.01035
Stddev	.00061	.00054	.00116	.00198	.00106	.01202	.00201
%RSD	41.801	42.611	120.98	332.12	76.084	164.21	19.396

#1	.00097	-.00103	.00220	.00164	-.00232	.00209	-.01191
#2	.00126	-.00087	-.00010	-.00215	-.00162	.02107	-.00809
#3	.00213	-.00187	.00077	-.00127	-.00024	-.00120	-.01104

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00001	-.00687	.00030	.00016	-.00045	-.00081
Stddev	.00003	.00006	.02090	.00007	.00025	.00040	.00164
%RSD	74.497	595.22	304.44	23.686	162.35	87.803	201.81

#1	.00001	-.00004	-.01902	.00038	.00043	-.00001	-.00208
#2	.00005	.00006	-.01885	.00027	.00012	-.00078	-.00139
#3	.00007	-.00005	.01727	.00025	-.00008	-.00056	.00104

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.01109	-.00034	.00088	-.01509	.00057	-.00222
Stddev	.00006	.04189	.00042	.00049	.01337	.00042	.00005
%RSD	116.02	377.73	123.79	56.286	88.652	74.178	2.4680

#1	-.00009	.00016	-.00046	.00051	-.03015	.00077	-.00217
#2	-.00007	.02403	-.00069	.00144	-.00461	.00086	-.00221
#3	.00002	-.05745	.00013	.00068	-.01050	.00008	-.00228

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03531	-.00004	.00818	F -.02754	.00287	-.00029	-.00053
Stddev	.02204	.00020	.00814	.03264	.00205	.00108	.00205
%RSD	62.429	445.10	99.588	118.51	71.635	377.98	388.72

#1	.06075	-.00025	.01534	-.03744	.00447	-.00028	-.00114
#2	.02281	.00015	-.00068	-.05407	.00055	-.00138	.00176
#3	.02235	-.00004	.00987	.00890	.00358	.00079	-.00220

Sample Name: CCB03 Acquired: 2/7/2019 15:12:37 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14524 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00057	-.0013	.00016	F 3.5916	F 2.3880
Stddev	.00110	.0005	.00001	.1894	1.2904
%RSD	193.84	38.00	7.4225	5.2733	54.037
#1	-.00061	-.0012	.00016	3.6623	3.1075
#2	.00074	-.0008	.00018	3.7355	3.1583
#3	.00156	-.0018	.00016	3.3771	.89827
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3269.8	41166.	4496.1	15.645	3909.8
Stddev	32.8	431.	21.0	.822	11.3
%RSD	1.0023	1.0473	.46760	5.2556	.28836
#1	3246.9	41150.	4518.9	15.207	3897.9
#2	3255.2	40742.	4477.5	16.593	3920.3
#3	3307.4	41604.	4491.9	15.134	3911.3

Sample Name: PB116892BL Acquired: 2/7/2019 15:17:05 Type: Unk
Method: P4-ICP2(v2837) 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	-.00118	.00143	-.00030	-.00087	.00989	-.01173
Stddev	.00094	.00124	.00011	.00178	.00075	.01568	.00264
%RSD	269.99	105.47	7.8456	598.15	85.402	158.55	22.497

#1	-.00140	.00025	.00155	.00143	-.00020	.02517	-.01021
#2	.00043	-.00182	.00132	-.00213	-.00074	.01066	-.01021
#3	-.00008	-.00196	.00141	-.00019	-.00168	-.00616	-.01478

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00002	-.00539	.00057	.00019	-.00031	.00153
Stddev	.00002	.00006	.00708	.00015	.00017	.00083	.00130
%RSD	128.95	361.12	131.32	25.945	88.456	263.36	84.632

#1	.00000	-.00007	-.01187	.00070	.00033	-.00038	.00163
#2	.00003	-.00003	-.00648	.00061	.00024	.00054	.00019
#3	.00001	.00005	.00217	.00041	.00000	-.00110	.00278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00327	-.00054	.00052	-.03364	.00053	-.00225
Stddev	.00003	.03352	.00018	.00037	.00633	.00036	.00005
%RSD	42.003	1025.2	33.691	70.043	18.819	66.709	2.1111

#1	-.00005	-.04034	-.00063	.00042	-.04077	.00023	-.00230
#2	-.00007	.02492	-.00033	.00093	-.02867	.00092	-.00224
#3	-.00011	.00561	-.00066	.00022	-.03149	.00044	-.00221

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06520	.00013	.00478	F -.04544	.00068	-.00049	.00014
Stddev	.02920	.00027	.00130	.01834	.00075	.00016	.00106
%RSD	44.790	206.02	27.297	40.362	109.47	33.601	774.84

#1	.06151	-.00003	.00615	-.04529	-.00013	-.00040	.00087
#2	.03802	-.00002	.00462	-.06386	.00134	-.00068	-.00108
#3	.09607	.00044	.00356	-.02718	.00085	-.00039	.00062

Sample Name: PB116892BL Acquired: 2/7/2019 15:17:05 Type: Unk
Method: P4-ICP2(v2837) 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	-.00293	-.0006	.00005	F 3.4521	F 1.2675
Stddev	.00121	.0005	.00009	.0510	.7023
%RSD	41.261	82.22	182.10	1.4772	55.414
#1	-.00426	-.0010	-.00005	3.4162	.56128
#2	-.00263	-.0000	.00006	3.5104	1.2752
#3	-.00190	-.0008	.00014	3.4295	1.9659
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3285.2	41659.	4527.7	16.242	3938.2
Stddev	7.0	45.	40.8	1.421	9.9
%RSD	.21309	.10692	.90127	8.7511	.25221
#1	3284.5	41703.	4496.2	14.648	3931.1
#2	3278.6	41659.	4513.1	17.377	3933.9
#3	3292.6	41614.	4573.8	16.700	3949.5

Sample Name: PB116892BS Acquired: 2/7/2019 15:21:33 Type: Unk
Method: P4-ICP2(v2837) 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	.82671	2.0769	1.0244	2.0439	.85125	2.1066	.20041
Stddev	.00400	.0141	.0018	.0053	.00088	.0179	.00574
%RSD	.48399	.67972	.17054	.25896	.10315	.84832	2.8654

#1	.82228	2.0926	1.0260	2.0440	.85071	2.1268	.19405
#2	.83006	2.0728	1.0226	2.0491	.85227	2.0927	.20195
#3	.82781	2.0653	1.0247	2.0385	.85079	2.1004	.20522

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20330	.19590	1.1380	.44500	.20738	.33417	3.3859
Stddev	.00065	.00070	.0053	.00194	.00131	.00055	.0192
%RSD	.32056	.35789	.46846	.43651	.62985	.16316	.56566

#1	.20370	.19670	1.1355	.44708	.20872	.33355	3.3895
#2	.20255	.19558	1.1441	.44469	.20611	.33439	3.4031
#3	.20366	.19541	1.1344	.44323	.20731	.33457	3.3653

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22274	2.2299	.50174	.07895	3.0818	.32163	.21702
Stddev	.00074	.0176	.00111	.00026	.0179	.00269	.00097
%RSD	.33370	.78798	.22039	.32973	.58192	.83623	.44669

#1	.22352	2.2218	.50299	.07892	3.1022	.32216	.21749
#2	.22204	2.2501	.50133	.07870	3.0686	.31872	.21590
#3	.22267	2.2180	.50089	.07922	3.0746	.32402	.21765

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.501	.45152	.32994	F -.02960	.98590	.72154	.22167
Stddev	.034	.00196	.00215	.01291	.00739	.00198	.00187
%RSD	.32619	.43492	.65054	43.605	.74985	.27463	.84376

#1	10.518	.45187	.33183	-.01700	.97888	.72251	.22355
#2	10.462	.45327	.32761	-.04279	.98521	.71926	.22164
#3	10.524	.44940	.33040	-.02901	.99361	.72285	.21981

Sample Name: PB116892BS Acquired: 2/7/2019 15:21:33 Type: Unk
Method: P4-ICP2(v2837) 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	.22065	F 5.546	F .21033	3.4577	<.00000
Stddev	.00318	.020	.00195	.1897	.73207
%RSD	1.4434	.3631	.92713	5.4859	2.3818
#1	.21858	5.569	.21140	3.6345	-30.584
#2	.22432	5.531	.20808	3.4814	-31.533
#3	.21905	5.538	.21151	3.2573	-30.093
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3275.0	41806.	4528.3	16.488	3894.0
Stddev	6.2	107.	11.9	.628	18.3
%RSD	.18957	.25601	.26227	3.8104	.46985
#1	3274.1	41686.	4529.4	15.900	3873.4
#2	3269.3	41893.	4515.9	17.150	3908.3
#3	3281.6	41838.	4539.6	16.414	3900.2

Sample Name: PB116902BL Acquired: 2/7/2019 15:25:39 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.00044	.00080	-.00303	-.00180	.00494	-.00717
Stddev	.00170	.00114	.00062	.00266	.00084	.00916	.00472
%RSD	920.74	257.37	78.154	87.954	46.559	185.52	65.824

#1	-.00020	.00081	.00148	-.00475	-.00130	.00252	-.00569
#2	-.00187	-.00071	.00065	-.00438	-.00276	.01507	-.01246
#3	.00152	-.00142	.00026	.00004	-.00133	-.00277	-.00337

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00011	.00682	.00047	-.00003	-.00018	.00048
Stddev	.00004	.00000	.01739	.00032	.00004	.00060	.00076
%RSD	87.109	1.5550	255.12	68.799	132.64	339.56	159.34

#1	.00009	-.00011	.02348	.00015	-.00002	-.00013	-.00027
#2	.00000	-.00011	-.01122	.00047	-.00008	-.00080	.00124
#3	.00006	-.00011	.00819	.00079	.00000	.00040	.00046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00756	-.00037	.00080	-.04170	.00005	-.00226
Stddev	.00006	.00738	.00018	.00072	.00228	.00011	.00003
%RSD	69.090	97.698	47.717	91.116	5.4669	217.31	1.2028

#1	-.00010	.01433	-.00033	.00057	-.03938	.00014	-.00229
#2	-.00015	-.00031	-.00022	.00161	-.04394	-.00007	-.00224
#3	-.00002	.00864	-.00057	.00021	-.04179	.00008	-.00226

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01108	.00003	.00594	F -.03606	.00079	-.00033	-.00182
Stddev	.01057	.00020	.00426	.01672	.00105	.00053	.00152
%RSD	95.439	730.84	71.777	46.367	132.69	158.83	83.336

#1	.01799	.00012	.01084	-.01780	.00176	-.00088	-.00013
#2	-.00109	.00016	.00307	-.03975	-.00033	-.00030	-.00227
#3	.01633	-.00020	.00391	-.05063	.00095	.00018	-.00306

Sample Name: PB116902BL Acquired: 2/7/2019 15:25:39 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00190	-0.0015	.00013	F 3.2688	F 1.4627
Stddev	.00182	.0011	.00010	.1608	1.3527
%RSD	95.353	70.24	74.599	4.9184	92.481

#1	-0.00322	-0.0006	.00012	3.2936	3.0244
#2	.00017	-0.0027	.00023	3.0970	.71013
#3	-0.00265	-0.0013	.00004	3.4157	.65362

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3266.7	41415.	4465.3	13.551	3917.4
Stddev	13.4	129.	5.6	1.092	26.6
%RSD	.41157	.31240	.12430	8.0609	.67887

#1	3272.7	41407.	4469.5	12.332	3930.1
#2	3251.3	41549.	4459.0	13.880	3886.8
#3	3276.2	41290.	4467.3	14.441	3935.3

Sample Name: PB116903BL Acquired: 2/7/2019 15:34:33 Type: Unk
Method: P4-ICP2(v2837) 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	-.00179	-.00004	.00087	-.00328	-.00211	.01330	-.01482
Stddev	.00292	.00145	.00136	.00333	.00118	.00568	.00367
%RSD	163.56	3282.3	156.09	101.40	55.891	42.707	24.782

#1	.00145	.00156	-.00070	-.00281	-.00308	.00678	-.01357
#2	-.00425	-.00043	.00171	-.00022	-.00080	.01596	-.01195
#3	-.00256	-.00126	.00161	-.00682	-.00246	.01716	-.01896

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00006	-.00762	.00013	.00018	-.00042	.00047
Stddev	.00003	.00005	.00253	.00014	.00011	.00012	.00175
%RSD	70.312	84.492	33.250	109.74	58.298	29.044	374.44

#1	.00007	-.00011	-.00602	.00023	.00029	-.00034	.00248
#2	.00001	-.00005	-.01054	-.00003	.00017	-.00056	-.00039
#3	.00005	-.00001	-.00630	.00020	.00008	-.00036	-.00069

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.03236	-.00020	.00032	-.04868	.00002	-.00230
Stddev	.00006	.04148	.00016	.00004	.00949	.00012	.00009
%RSD	82.345	128.17	81.270	13.749	19.497	639.63	3.9607

#1	-.00002	-.01193	-.00033	.00030	-.05928	.00012	-.00234
#2	-.00014	.07029	-.00024	.00029	-.04095	.00005	-.00220
#3	-.00006	.03872	-.00002	.00038	-.04582	-.00011	-.00237

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03982	-.00006	.00686	F -.02796	.00059	-.00019	-.00316
Stddev	.02784	.00015	.00598	.01022	.00161	.00055	.00136
%RSD	69.913	230.85	87.148	36.556	273.32	291.45	43.154

#1	.06980	-.00008	.00026	-.03774	.00227	-.00044	-.00339
#2	.03491	.00009	.01191	-.01735	-.00094	.00044	-.00440
#3	.01477	-.00020	.00839	-.02880	.00043	-.00057	-.00170

Sample Name: PB116903BL Acquired: 2/7/2019 15:34:33 Type: Unk
Method: P4-ICP2(v2837) 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	-.00046	-.0015	.00012	F 3.3644	F 1.3111
Stddev	.00241	.0023	.00014	.1442	2.9758
%RSD	525.62	152.8	113.92	4.2853	226.97
#1	-.00324	.0012	.00021	3.4273	-.91252
#2	.00100	-.0029	-.00004	3.4664	.15417
#3	.00087	-.0028	.00020	3.1995	4.6916
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3302.2	41850.	4573.8	14.900	3965.1
Stddev	7.9	171.	26.7	.920	25.8
%RSD	.23865	.40843	.58418	6.1722	.64987
#1	3293.1	41897.	4578.0	15.584	3991.7
#2	3307.1	41660.	4545.3	13.855	3963.5
#3	3306.4	41992.	4598.2	15.261	3940.2

Sample Name: PB116903BS Acquired: 2/7/2019 15:39:00 Type: Unk
Method: P4-ICP2(v2837) 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	.77913	1.9505	.96293	1.9251	.80917	1.9926	.18379
Stddev	.00418	.0105	.00384	.0028	.00353	.0247	.00277
%RSD	.53654	.53957	.39833	.14714	.43658	1.2410	1.5050

#1	.78056	1.9413	.96176	1.9223	.80930	1.9651	.18655
#2	.77442	1.9482	.95981	1.9249	.80557	1.9995	.18379
#3	.78241	1.9620	.96721	1.9280	.81264	2.0131	.18102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18786	.18413	1.0371	.42040	.19675	.31140	3.1756
Stddev	.00066	.00082	.0179	.00177	.00071	.00077	.0206
%RSD	.34909	.44280	1.7287	.42070	.35941	.24637	.64975

#1	.18861	.18404	1.0200	.41979	.19670	.31053	3.1953
#2	.18740	.18337	1.0558	.42239	.19607	.31197	3.1773
#3	.18757	.18499	1.0356	.41901	.19748	.31170	3.1541

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21033	2.0796	.47459	.07352	2.9226	.30671	.19917
Stddev	.00041	.0233	.00223	.00063	.0140	.00038	.00089
%RSD	.19658	1.1190	.47028	.85485	.47882	.12266	.44838

#1	.21064	2.0613	.47293	.07421	2.9073	.30657	.19900
#2	.21048	2.0717	.47371	.07337	2.9258	.30713	.19837
#3	.20986	2.1058	.47712	.07298	2.9347	.30642	.20013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9111	.43395	.31344	F -.04745	.91708	.68294	.20915
Stddev	.0341	.00122	.00522	.01331	.00676	.00338	.00498
%RSD	.34436	.28009	1.6646	28.056	.73721	.49505	2.3807

#1	9.9366	.43535	.31924	-.03636	.92080	.68369	.20340
#2	9.9244	.43324	.31196	-.06221	.92116	.67924	.21182
#3	9.8724	.43325	.30913	-.04378	.90927	.68588	.21221

Sample Name: PB116903BS Acquired: 2/7/2019 15:39:00 Type: Unk
Method: P4-ICP2(v2837) 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	.20683	F 5.192	F .20078	3.4906	<.00000
Stddev	.00059	.022	.00040	.0644	.93443
%RSD	.28660	.4163	.20118	1.8436	3.0466
#1	.20617	5.194	.20032	3.5623	-29.607
#2	.20731	5.170	.20093	3.4716	-31.048
#3	.20701	5.213	.20108	3.4378	-31.359
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3237.7	41821.	4516.1	16.195	3845.2
Stddev	9.8	50.	10.1	.083	6.2
%RSD	.30320	.11941	.22468	.51004	.16035
#1	3231.6	41767.	4505.1	16.105	3838.1
#2	3232.6	41866.	4518.3	16.216	3849.6
#3	3249.1	41829.	4525.0	16.266	3847.8

Sample Name: K1358-01MS Acquired: 2/7/2019 15:43:05 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-020519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75319	2.0062	1.1790	1.7969	.15207	180.54	.42401
Stddev	.00146	.0090	.0009	.0061	.00070	.16	.00410
%RSD	.19327	.44875	.07527	.33869	.45902	.08949	.96723

#1	.75325	2.0103	1.1785	1.7968	.15287	180.71	.42652
#2	.75462	1.9959	1.1784	1.7909	.15171	180.39	.41927
#3	.75171	2.0124	1.1800	1.8031	.15162	180.50	.42622

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19131	.19846	44.399	.52544	.30747	.56654	186.90
Stddev	.00016	.00055	.188	.00163	.00033	.00181	1.12
%RSD	.08482	.27830	.42249	.30963	.10681	.31892	.59841

#1	.19134	.19798	44.254	.52699	.30731	.56694	186.57
#2	.19113	.19834	44.611	.52375	.30725	.56457	188.15
#3	.19145	.19907	44.334	.52556	.30785	.56811	185.99

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2262	27.328	.58614	.06031	10.016	.66803	.62599
Stddev	.0017	.212	.00026	.00094	.037	.00095	.00141
%RSD	.07583	.77437	.04362	1.5583	.37280	.14281	.22514

#1	2.2281	27.094	.58600	.06008	9.9732	.66907	.62519
#2	2.2249	27.384	.58643	.06135	10.037	.66721	.62762
#3	2.2257	27.506	.58598	.05952	10.039	.66780	.62517

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.354	.34836	.70055	2.8213	1.6058	.70589	1.7092
Stddev	.029	.00085	.00571	.0366	.0100	.00303	.0080
%RSD	.21785	.24502	.81488	1.2979	.62397	.42957	.46827

#1	13.371	.34918	.70600	2.8620	1.5944	.70277	1.7002
#2	13.321	.34842	.69461	2.7910	1.6095	.70883	1.7122
#3	13.371	.34748	.70105	2.8109	1.6134	.70608	1.7153

Sample Name: K1358-01MS Acquired: 2/7/2019 15:43:05 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-020519 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25613	9.786	.10861	1.4895	F<.00000
Stddev	.00153	.031	.00089	.1290	1.6720
%RSD	.59769	.3201	.82214	8.6583	.13509
#1	.25744	9.772	.10820	1.6372	-1238.8
#2	.25650	9.822	.10799	1.3994	-1235.8
#3	.25445	9.765	.10963	1.4318	-1238.4
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3576.9	44788.	5201.3	15.320	3490.3
Stddev	11.0	180.	24.6	.273	11.3
%RSD	.30833	.40236	.47265	1.7798	.32291
#1	3578.2	44615.	5213.1	15.632	3493.0
#2	3565.3	44773.	5173.0	15.197	3478.0
#3	3587.3	44975.	5217.7	15.130	3500.0

Sample Name: K1358-01MSD Acquired: 2/7/2019 15:47:24 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-020519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76149	2.0389	1.2018	1.8177	.15148	183.68	.42016
Stddev	.00434	.0065	.0014	.0079	.00179	1.04	.00381
%RSD	.56983	.32036	.11968	.43598	1.1806	.56879	.90710

#1	.76505	2.0454	1.2021	1.8259	.15344	182.75	.42170
#2	.75665	2.0324	1.2003	1.8100	.15108	183.47	.42296
#3	.76277	2.0390	1.2031	1.8172	.14993	184.81	.41582

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19383	.20252	41.012	.53588	.31162	.56745	185.42
Stddev	.00013	.00044	.135	.00256	.00028	.00281	1.19
%RSD	.06668	.21713	.32953	.47687	.09017	.49606	.63988

#1	.19395	.20202	41.031	.53333	.31168	.56857	185.78
#2	.19369	.20269	41.137	.53587	.31131	.56424	186.38
#3	.19384	.20285	40.869	.53844	.31186	.56953	184.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1947	25.631	.59383	.06032	9.9239	.67286	.63859
Stddev	.0052	.118	.00222	.00019	.0695	.00226	.00149
%RSD	.23532	.46121	.37361	.31530	.70021	.33625	.23343

#1	2.1916	25.554	.59210	.06028	9.9600	.67182	.63700
#2	2.1918	25.768	.59307	.06014	9.9679	.67132	.63881
#3	2.2007	25.572	.59633	.06052	9.8438	.67546	.63996

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.286	.35041	.64378	2.8436	1.5777	.72276	1.6273
Stddev	.237	.00157	.00581	.0434	.0143	.00219	.0054
%RSD	1.7822	.44848	.90262	1.5276	.90340	.30287	.33275

#1	13.360	.35222	.64791	2.8107	1.5899	.72024	1.6284
#2	13.478	.34961	.64630	2.8272	1.5811	.72413	1.6321
#3	13.022	.34939	.63713	2.8928	1.5620	.72392	1.6215

Sample Name: K1358-01MSD Acquired: 2/7/2019 15:47:24 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-020519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25621	9.987	.10997	1.6193	F<.00000
Stddev	.00374	.051	.00027	.0981	1.9898
%RSD	1.4585	.5068	.24650	6.0579	.15800
#1	.25415	9.929	.10980	1.5855	-1258.0
#2	.26053	10.02	.11028	1.5426	-1261.7
#3	.25396	10.01	.10983	1.7298	-1258.5
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3565.0	44576.	5290.2	15.340	3456.4
Stddev	7.5	38.	47.2	1.335	6.9
%RSD	.20956	.08497	.89175	8.7057	.19923
#1	3556.9	44618.	5264.8	13.805	3463.8
#2	3566.2	44565.	5261.1	15.977	3450.1
#3	3571.7	44545.	5344.6	16.237	3455.4

Sample Name: K1358-01A Acquired: 2/7/2019 15:51:42 Type: Unk
Method: P4-ICP2(v2837) 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	.77674	2.0947	1.2305	1.8583	.15458	188.22	.44183
Stddev	.00267	.0145	.0056	.0090	.00154	1.38	.00811
%RSD	.34383	.69073	.45172	.48486	.99360	.73391	1.8356

#1	.77398	2.0884	1.2320	1.8661	.15599	187.30	.44989
#2	.77931	2.0844	1.2244	1.8484	.15479	187.54	.43367
#3	.77691	2.1112	1.2352	1.8604	.15294	189.81	.44194

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19872	.20771	41.089	.54795	.31913	.58019	192.76
Stddev	.00051	.00037	.117	.00443	.00049	.00122	2.41
%RSD	.25625	.17662	.28462	.80905	.15430	.21085	1.2491

#1	.19814	.20735	41.213	.54459	.31953	.58156	195.51
#2	.19892	.20769	40.980	.54629	.31858	.57977	191.78
#3	.19910	.20808	41.074	.55298	.31927	.57923	191.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2207	25.528	.60951	.06256	10.287	.68607	.65179
Stddev	.0041	.205	.00169	.00044	.094	.00095	.00308
%RSD	.18411	.80249	.27652	.70464	.91108	.13833	.47237

#1	2.2160	25.615	.61146	.06209	10.389	.68536	.64824
#2	2.2228	25.294	.60852	.06296	10.265	.68715	.65362
#3	2.2233	25.675	.60856	.06262	10.206	.68571	.65352

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.580	.35872	.63349	2.8428	1.6213	.74549	1.6357
Stddev	.098	.00115	.00994	.0193	.0118	.00137	.0089
%RSD	.72045	.32025	1.5683	.67728	.72497	.18424	.54366

#1	13.691	.35983	.64495	2.8606	1.6292	.74444	1.6386
#2	13.506	.35753	.62727	2.8224	1.6269	.74704	1.6257
#3	13.543	.35878	.62826	2.8454	1.6078	.74499	1.6428

Sample Name: K1358-01A Acquired: 2/7/2019 15:51:42 Type: Unk
Method: P4-ICP2(v2837) 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	.26147	F 10.22	.11125	1.9422	F<.00000
Stddev	.00291	.05	.00158	.1289	12.416
%RSD	1.1142	.4752	1.4178	6.6372	.98884
#1	.26452	10.18	.10988	2.0041	-1246.0
#2	.25871	10.20	.11090	1.7940	-1251.1
#3	.26118	10.27	.11298	2.0284	-1269.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3523.5	43786.	5146.5	15.389	3402.8
Stddev	1.7	47.	45.5	1.498	8.0
%RSD	.04736	.10682	.88402	9.7346	.23473
#1	3524.2	43810.	5104.7	16.000	3412.0
#2	3521.6	43815.	5139.8	16.484	3397.3
#3	3524.7	43732.	5195.0	13.682	3399.1

Sample Name: K1379-01 Acquired: 2/7/2019 15:55:58 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15514	-.10464	8.6518	.01715	-.02358	119.55	1.7144
Stddev	.00310	.00283	.0397	.00145	.00222	.31	.0090
%RSD	2.0002	2.7077	.45861	8.4299	9.4151	.25814	.52727

#1	.15159	-.10204	8.6398	.01697	-.02569	119.59	1.7045
#2	.15648	-.10422	8.6195	.01581	-.02127	119.85	1.7166
#3	.15734	-.10766	8.6961	.01868	-.02377	119.23	1.7222

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00750	.01560	48.199	.65729	.19250	1.2556	259.74
Stddev	.00013	.00037	.315	.00668	.00218	.0010	1.55
%RSD	1.7000	2.3929	.65356	1.0166	1.1307	.07935	.59664

#1	.00741	.01574	47.835	.66136	.19151	1.2545	257.97
#2	.00765	.01518	48.383	.64958	.19099	1.2564	260.39
#3	.00745	.01588	48.379	.66093	.19499	1.2558	260.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2689	43.105	.79186	-.01706	16.921	.74499	2.9274
Stddev	.0076	.430	.00676	.00058	.079	.00421	.0140
%RSD	.33410	.99747	.85337	3.4164	.46687	.56555	.47966

#1	2.2775	42.734	.78842	-.01764	16.837	.74712	2.9209
#2	2.2630	43.004	.78752	-.01706	16.931	.74771	2.9177
#3	2.2663	43.576	.79965	-.01647	16.994	.74013	2.9435

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.316	.02984	.11401	F 20.117	1.8662	.23622	5.5670
Stddev	.100	.00017	.00690	.186	.0152	.00147	.0631
%RSD	.57956	.56212	6.0558	.92313	.81255	.62033	1.1336

#1	17.201	.03002	.11585	20.090	1.8493	.23506	5.4973
#2	17.385	.02982	.11981	19.947	1.8708	.23574	5.5834
#3	17.362	.02969	.10638	20.315	1.8786	.23787	5.6203

Sample Name: K1379-01 Acquired: 2/7/2019 15:55:58 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-6A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18652	F 11.85	.12197	<.00000	F<.00000
Stddev	.00253	.06	.00139	.09998	14.995
%RSD	1.3554	.4968	1.1406	7.4342	.69393
#1	.18361	11.82	.12063	-1.2299	-2175.6
#2	.18815	11.82	.12340	-1.3929	-2145.7
#3	.18781	11.92	.12187	-1.4116	-2161.1
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3907.6	49279.	5819.8	15.085	3260.3
Stddev	6.7	111.	37.2	1.746	14.8
%RSD	.17147	.22583	.63842	11.573	.45301
#1	3900.9	49151.	5856.7	13.245	3266.3
#2	3914.3	49342.	5820.3	15.291	3271.1
#3	3907.6	49344.	5782.4	16.718	3243.5

Sample Name: PB116902BS Acquired: 2/7/2019 16:00:23 Type: Unk
Method: P4-ICP2(v2837) 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	.80248	1.9961	.98536	1.9721	.82634	2.0492	.18406
Stddev	.00422	.0050	.00669	.0103	.00361	.0100	.00210
%RSD	.52549	.24926	.67877	.52454	.43696	.48703	1.1410

#1	.80718	1.9945	.97767	1.9810	.83026	2.0593	.18552
#2	.79902	1.9922	.98858	1.9608	.82315	2.0393	.18501
#3	.80124	2.0017	.98982	1.9746	.82561	2.0489	.18166

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19334	.18776	1.0704	.43011	.20092	.32069	3.2433
Stddev	.00086	.00098	.0069	.00098	.00101	.00126	.0149
%RSD	.44305	.52340	.63958	.22811	.50295	.39316	.46008

#1	.19308	.18666	1.0650	.43095	.19979	.32214	3.2291
#2	.19430	.18808	1.0781	.42903	.20126	.32002	3.2588
#3	.19264	.18855	1.0681	.43036	.20172	.31990	3.2419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21478	2.0977	.48327	.07549	2.9755	.31068	.20555
Stddev	.00029	.0501	.00155	.00042	.0125	.00129	.00085
%RSD	.13529	2.3876	.32044	.55998	.41961	.41527	.41385

#1	.21481	2.0894	.48149	.07532	2.9624	.30926	.20458
#2	.21448	2.0524	.48406	.07518	2.9872	.31099	.20594
#3	.21506	2.1515	.48427	.07597	2.9770	.31178	.20615

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.151	.44189	.31243	F -.02311	.93768	.69674	.21393
Stddev	.045	.00128	.00568	.01825	.00413	.00609	.00204
%RSD	.43985	.28881	1.8165	78.981	.44033	.87463	.95209

#1	10.106	.44319	.31758	-.00204	.93624	.68998	.21349
#2	10.195	.44064	.30634	-.03334	.94234	.69842	.21214
#3	10.152	.44185	.31336	-.03395	.93447	.70181	.21614

Sample Name: PB116902BS Acquired: 2/7/2019 16:00:23 Type: Unk
 Method: P4-ICP2(v2837) 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	.21395	F 5.327	.20579	F 3.5824	F<.00000
Stddev	.00053	.031	.00069	.0766	.97161
%RSD	.24608	.5853	.33631	2.1368	3.2099
#1	.21421	5.294	.20635	3.5974	-30.859
#2	.21429	5.329	.20502	3.4994	-30.802
#3	.21334	5.357	.20600	3.6503	-29.148
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3243.8	41735.	4546.2	16.298	3875.1
Stddev	7.4	74.	12.3	1.434	16.6
%RSD	.22937	.17736	.26988	8.7998	.42856
#1	3235.7	41651.	4544.4	17.636	3893.4
#2	3250.4	41762.	4534.9	16.473	3870.9
#3	3245.4	41792.	4559.2	14.784	3861.0

Sample Name: CCV04 Acquired: 2/7/2019 16:04:28 Type: Unk
Method: P4-ICP2(v2837) 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	5.2270	5.0468	5.1025	5.2066	5.2390	10.452	9.6130	.25598
Stddev	.0180	.0033	.0084	.0313	.0226	.107	.0993	.00028
%RSD	.34508	.06530	.16568	.60133	.43185	1.0207	1.0333	.11048
#1	5.2186	5.0465	5.1079	5.1776	5.2216	10.566	9.5152	.25630
#2	5.2147	5.0502	5.0927	5.2024	5.2310	10.355	9.7138	.25583
#3	5.2477	5.0436	5.1068	5.2398	5.2646	10.433	9.6101	.25580
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4777	26.445	1.0404	2.5206	1.2776	4.9973	2.5836	26.324
Stddev	.0019	.097	.0014	.0022	.0054	.0564	.0015	.053
%RSD	.07680	.36635	.13777	.08805	.42039	1.1290	.05995	.20210
#1	2.4793	26.375	1.0395	2.5215	1.2738	4.9435	2.5819	26.278
#2	2.4782	26.556	1.0421	2.5181	1.2753	5.0560	2.5849	26.382
#3	2.4756	26.405	1.0397	2.5223	1.2837	4.9924	2.5841	26.312
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4327	1.3319	24.143	2.5337	2.6059	24.254	5.2565	5.0080
Stddev	.0033	.0044	.238	.0006	.0026	.246	.0192	.0324
%RSD	.13520	.33216	.98713	.02366	.10079	1.0132	.36472	.64684
#1	2.4332	1.3351	23.975	2.5342	2.6089	24.023	5.2433	5.0026
#2	2.4357	1.3337	24.415	2.5339	2.6048	24.512	5.2477	5.0428
#3	2.4292	1.3269	24.037	2.5331	2.6040	24.227	5.2785	4.9787
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9744	4.9355	5.0620	5.1685	5.0713	5.073	5.0171	4.6251
Stddev	.0180	.0612	.0103	.0233	.0510	.003	.0466	.0127
%RSD	.36110	1.2407	.20365	.45019	1.0046	.0575	.92936	.27514
#1	4.9927	4.8855	5.0682	5.1692	5.0189	5.074	4.9707	4.6209
#2	4.9737	5.0038	5.0501	5.1915	5.1206	5.070	5.0640	4.6394
#3	4.9568	4.9172	5.0678	5.1450	5.0742	5.076	5.0168	4.6150

Sample Name: CCV04 Acquired: 2/7/2019 16:04:28 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8219
Stddev	2.5821
%RSD	91.502

#1	5.6326
#2	.55497
#3	2.2782

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3140.0	39312.	4519.4	14.267	3490.7
Stddev	9.9	38.	41.3	.192	6.8
%RSD	.31429	.09580	.91348	1.3475	.19620

#1	3149.1	39284.	4553.6	14.440	3488.2
#2	3141.4	39355.	4473.5	14.060	3485.5
#3	3129.5	39298.	4531.0	14.301	3498.4

Sample Name: CCB04 Acquired: 2/7/2019 16:08:26 Type: Unk
 Method: P4-ICP2(v2837) 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	-.00042	-.00002	.00178	-.00296	-.00171	.00496	-.01423
Stddev	.00102	.00173	.00049	.00330	.00054	.00205	.00268
%RSD	244.38	7277.1	27.456	111.36	31.380	41.285	18.864

#1	.00032	.00196	.00122	-.00552	-.00232	.00579	-.01172
#2	.00001	-.00083	.00208	.00076	-.00149	.00263	-.01391
#3	-.00159	-.00120	.00205	-.00412	-.00131	.00646	-.01706

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00001	.00012	.00042	.00028	.00002	.00141
Stddev	.00008	.00004	.00632	.00043	.00013	.00008	.00262
%RSD	86.918	273.48	5464.5	101.10	45.800	471.12	185.39

#1	.00017	.00001	-.00429	.00091	.00043	-.00005	.00114
#2	.00005	.00000	-.00273	.00012	.00020	-.00001	.00416
#3	.00004	-.00006	.00736	.00024	.00021	.00011	-.00106

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00491	-.00031	.00042	-.06456	.00033	-.00220
Stddev	.00005	.01597	.00049	.00035	.00465	.00037	.00011
%RSD	52.691	325.09	157.17	82.915	7.2033	113.28	4.8024

#1	-.00011	.01202	-.00032	.00034	-.06993	.00011	-.00222
#2	-.00004	-.00705	-.00080	.00080	-.06212	.00075	-.00229
#3	-.00012	-.01970	.00018	.00012	-.06164	.00011	-.00208

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01903	.00006	.01267	F -.01290	.00227	-.00042	-.00035
Stddev	.03903	.00007	.00865	.02459	.00061	.00013	.00154
%RSD	205.14	113.87	68.259	190.70	26.797	30.660	441.79

#1	-.04236	.00014	.01550	-.02750	.00197	-.00043	-.00200
#2	.02603	.00002	.00296	-.02669	.00297	-.00054	-.00009
#3	-.04074	.00002	.01955	.01550	.00187	-.00029	.00104

Sample Name: CCB04 Acquired: 2/7/2019 16:08:26 Type: Unk
Method: P4-ICP2(v2837) 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	-.00017	-.0021	.00018	F 3.5435	F 1.4681
Stddev	.00142	.0018	.00006	.1586	1.1543
%RSD	856.67	88.73	31.846	4.4744	78.624
#1	-.00041	-.0031	.00012	3.7230	.47865
#2	-.00145	.0001	.00021	3.4225	2.7362
#3	.00136	-.0031	.00023	3.4850	1.1894
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3213.3	41039.	4439.6	15.312	3860.9
Stddev	9.8	146.	9.3	.864	7.1
%RSD	.30563	.35465	.20952	5.6440	.18320
#1	3202.0	40877.	4430.8	15.132	3855.3
#2	3218.1	41159.	4438.8	16.252	3858.5
#3	3219.9	41081.	4449.3	14.552	3868.8

Sample Name: K1381-01 Acquired: 2/7/2019 16:12:54 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03826	-.10107	.14523	-.00360	-.00106	155.41	.72120
Stddev	.00109	.00203	.00144	.00212	.00019	.28	.00475
%RSD	2.8490	2.0066	.99398	58.847	18.118	.18187	.65799

#1	.03936	-.09985	.14675	-.00235	-.00100	155.30	.72395
#2	.03719	-.09994	.14507	-.00605	-.00090	155.73	.72392
#3	.03822	-.10341	.14388	-.00240	-.00128	155.20	.71572

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01251	.00077	F 1914.6	.18859	.06522	.14715	78.880
Stddev	.00006	.00008	4.5	.00139	.00027	.00019	.550
%RSD	.49056	10.364	.23544	.73756	.41363	.13177	.69762

#1	.01258	.00081	1911.6	.18941	.06512	.14693	79.509
#2	.01248	.00067	1919.8	.18938	.06552	.14729	78.645
#3	.01246	.00081	1912.3	.18699	.06501	.14722	78.487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0932	203.24	.10650	-.00669	9.3810	.24950	2.3780
Stddev	.0033	1.05	.00068	.00046	.0783	.00100	.0022
%RSD	.15927	.51683	.63852	6.9168	.83422	.40247	.09468

#1	2.0958	204.40	.10680	-.00623	9.4714	.25000	2.3766
#2	2.0943	202.96	.10699	-.00668	9.3363	.25015	2.3768
#3	2.0894	202.36	.10573	-.00716	9.3354	.24834	2.3806

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.956	.01526	.23023	F 70.926	.91339	-.00460	6.5149
Stddev	.214	.00026	.00216	.095	.01010	.00167	.0133
%RSD	.54847	1.7363	.93988	.13364	1.1060	36.394	.20434

#1	39.172	.01554	.22886	70.841	.92438	-.00539	6.5262
#2	38.950	.01502	.23272	70.908	.90450	-.00574	6.5183
#3	38.745	.01521	.22911	71.028	.91129	-.00268	6.5002

Sample Name: K1381-01 Acquired: 2/7/2019 16:12:54 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.37610	5.036	6.8925	5.1214	F<.00000
Stddev	.00398	.013	.0593	.0543	2.4131
%RSD	1.0574	.2589	.86029	1.0608	.67174

#1	.37906	5.021	6.9605	5.1582	-361.64
#2	.37158	5.044	6.8516	5.0590	-356.82
#3	.37767	5.044	6.8654	5.1470	-359.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2851.9	35217.	4549.0	12.317	2633.5
Stddev	4.9	38.	37.3	.427	4.3
%RSD	.17103	.10749	.81998	3.4692	.16192

#1	2847.7	35180.	4506.6	12.597	2637.3
#2	2857.2	35256.	4576.5	11.825	2634.3
#3	2850.7	35216.	4564.0	12.528	2628.9

Sample Name: PB116930BL Acquired: 2/7/2019 16:17:32 Type: Unk
Method: P4-ICP2(v2837) 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	-.00171	-.00139	.00010	-.00181	-.00095	.01184	-.01406
Stddev	.00161	.00069	.00071	.00266	.00098	.00700	.00406
%RSD	94.130	49.423	739.65	147.08	102.57	59.164	28.857

#1	-.00343	-.00137	-.00071	-.00060	-.00208	.00718	-.01784
#2	-.00146	-.00209	.00061	.00003	-.00041	.01989	-.00977
#3	-.00024	-.00071	.00039	-.00485	-.00037	.00844	-.01459

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00008	.07865	.00148	.00000	-.00027	.00787
Stddev	.00004	.00006	.00651	.00023	.00007	.00008	.00169
%RSD	58.774	76.930	8.2810	15.499	2091.0	28.961	21.450

#1	.00007	-.00015	.07965	.00143	.00005	-.00022	.00976
#2	.00003	-.00004	.08462	.00128	-.00008	-.00036	.00733
#3	.00012	-.00005	.07170	.00173	.00003	-.00023	.00652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.01868	.00041	.00043	-.07516	.00017	.00438
Stddev	.00004	.02374	.00020	.00035	.01893	.00040	.00013
%RSD	19.478	127.12	49.745	80.275	25.183	230.43	3.0662

#1	.00018	.02030	.00030	.00013	-.05865	-.00029	.00435
#2	.00015	-.00584	.00028	.00035	-.09582	.00040	.00426
#3	.00022	.04157	.00064	.00081	-.07101	.00041	.00452

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06090	.00002	.00409	F -.05222	.00210	-.00038	-.00144
Stddev	.01226	.00032	.00655	.01202	.00032	.00073	.00005
%RSD	20.131	1670.6	160.17	23.021	15.170	190.46	3.2545

#1	.06732	.00019	.00611	-.03983	.00182	-.00021	-.00144
#2	.04676	-.00036	-.00323	-.06383	.00245	.00024	-.00139
#3	.06861	.00023	.00938	-.05299	.00204	-.00118	-.00148

Sample Name: PB116930BL Acquired: 2/7/2019 16:17:32 Type: Unk
Method: P4-ICP2(v2837) 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	-.00383	.0044	.00026	F 2.8013	F .98090
Stddev	.00224	.0004	.00008	.1360	.60421
%RSD	58.501	9.077	32.777	4.8559	61.598
#1	-.00640	.0049	.00035	2.6708	.38167
#2	-.00227	.0042	.00019	2.9423	1.5900
#3	-.00282	.0042	.00023	2.7909	.97107
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3305.3	43113.	4660.7	16.220	3996.2
Stddev	2.9	71.	32.0	.528	2.6
%RSD	.08884	.16399	.68693	3.2532	.06608
#1	3302.5	43187.	4681.5	15.852	3994.5
#2	3308.4	43046.	4623.9	16.825	3999.2
#3	3305.0	43105.	4676.8	15.984	3994.8

Sample Name: K1413-01 Acquired: 2/7/2019 16:22:00 Type: Unk
Method: P4-ICP2(v2837) 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	-.00417	-.00809	1.4223	.00071	.04874	5.3798	.06458
Stddev	.00210	.00108	.0047	.00171	.00142	.0140	.00398
%RSD	50.442	13.364	.33281	238.88	2.9193	.26076	6.1657

#1	-.00313	-.00905	1.4207	.00073	.04718	5.3960	.06634
#2	-.00659	-.00829	1.4185	.00242	.04996	5.3726	.06002
#3	-.00279	-.00692	1.4276	-.00100	.04909	5.3709	.06738

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.01200	16.602	.05231	.00457	.13652	15.251
Stddev	.00002	.00012	.013	.00112	.00008	.00049	.022
%RSD	31.990	.99734	.08071	2.1476	1.7637	.35671	.14655

#1	.00004	.01214	16.616	.05103	.00464	.13689	15.276
#2	.00008	.01191	16.601	.05310	.00457	.13670	15.232
#3	.00008	.01197	16.589	.05282	.00448	.13597	15.245

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19544	2.9885	.02682	.00121	11.465	.02034	1.7730
Stddev	.00068	.0507	.00047	.00015	.068	.00051	.0005
%RSD	.34856	1.6972	1.7576	11.984	.59035	2.5309	.03058

#1	.19470	2.9910	.02680	.00112	11.447	.01995	1.7724
#2	.19603	3.0379	.02730	.00138	11.409	.02015	1.7733
#3	.19561	2.9365	.02636	.00113	11.540	.02093	1.7734

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2535	.01031	.10966	4.6926	5.5523	.02714	.33766
Stddev	.0330	.00018	.00793	.0314	.0090	.00116	.00501
%RSD	.77493	1.7319	7.2343	.67006	.16267	4.2611	1.4839

#1	4.2205	.01043	.10276	4.6796	5.5424	.02609	.33651
#2	4.2864	.01039	.11832	4.7285	5.5600	.02695	.34315
#3	4.2535	.01010	.10788	4.6698	5.5546	.02838	.33332

Sample Name: K1413-01 Acquired: 2/7/2019 16:22:00 Type: Unk
 Method: P4-ICP2(v2837) 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	.00340	.9375	.21161	3.6062	F<.00000
Stddev	.00115	.0015	.00017	.0453	3.2718
%RSD	33.905	.1583	.08222	1.2551	4.5213
#1	.00209	.9386	.21165	3.6082	-75.215
#2	.00384	.9358	.21142	3.6504	-68.793
#3	.00426	.9380	.21176	3.5599	-73.089
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3151.5	41225.	4631.7	16.554	3856.2
Stddev	10.9	100.	17.3	.906	5.6
%RSD	.34501	.24354	.37428	5.4737	.14546
#1	3144.3	41135.	4616.0	16.998	3849.7
#2	3164.0	41207.	4628.7	17.152	3859.1
#3	3146.1	41334.	4650.3	15.511	3859.7

Sample Name: K1413-02 Acquired: 2/7/2019 16:26:19 Type: Unk
Method: P4-ICP2(v2837) 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	-.00801	-.00638	.00158	-.00336	.00149	.03592	-.02716
Stddev	.00247	.00088	.00162	.00159	.00148	.00341	.00423
%RSD	30.795	13.737	102.32	47.285	99.351	9.4886	15.562

#1	-.00660	-.00638	.00140	-.00515	.00150	.03223	-.02282
#2	-.01085	-.00550	.00006	-.00286	.00298	.03660	-.02742
#3	-.00657	-.00725	.00329	-.00209	.00001	.03895	-.03126

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00019	.86935	.00184	.00021	.02464	.04877
Stddev	.00001	.00009	.00428	.00022	.00013	.00027	.00174
%RSD	36.077	49.492	.49262	11.762	64.250	1.1052	3.5652

#1	-.00005	.00015	.87200	.00159	.00023	.02434	.05068
#2	-.00003	.00030	.87164	.00199	.00006	.02488	.04837
#3	-.00003	.00012	.86441	.00194	.00033	.02468	.04727

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00339	.31268	.00538	.00076	5.6991	.00040	.58228
Stddev	.00005	.02330	.00017	.00052	.0679	.00022	.00121
%RSD	1.4691	7.4518	3.1475	67.963	1.1911	55.545	.20834

#1	.00345	.29863	.00550	.00135	5.6525	.00049	.58284
#2	.00336	.29984	.00546	.00040	5.7770	.00015	.58089
#3	.00337	.33958	.00519	.00052	5.6678	.00057	.58311

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5960	.00031	.07506	2.4895	.23744	.00530	-.00092
Stddev	.0057	.00026	.00443	.0122	.00259	.00008	.00144
%RSD	.36046	82.601	5.9001	.49015	1.0890	1.4343	155.92

#1	1.5933	.00038	.07404	2.4877	.23457	.00527	-.00027
#2	1.5921	.00053	.07992	2.4783	.23958	.00525	.00008
#3	1.6026	.00003	.07124	2.5025	.23818	.00539	-.00257

Sample Name: K1413-02 Acquired: 2/7/2019 16:26:19 Type: Unk
Method: P4-ICP2(v2837) 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	-.00515	.2850	.00310	3.3105	F<.00000
Stddev	.00153	.0005	.00004	.3359	2.0044
%RSD	29.727	.1653	1.3668	10.146	60.709
#1	-.00685	.2855	.00306	3.6726	-3.0956
#2	-.00473	.2849	.00308	3.2498	-5.4011
#3	-.00388	.2846	.00314	3.0091	-1.4082
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3181.8	41828.	4687.4	15.771	4017.6
Stddev	10.2	417.	53.3	.522	17.6
%RSD	.32093	.99800	1.1369	3.3121	.43895
#1	3180.0	41356.	4673.0	16.311	3998.6
#2	3192.7	41979.	4642.8	15.268	4033.5
#3	3172.5	42149.	4746.4	15.734	4020.8

Sample Name: PB116930BS Acquired: 2/7/2019 16:39:36 Type: Unk
Method: P4-ICP2(v2837) 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	.83184	2.0572	1.0182	2.0458	.84649	2.0682	.18988
Stddev	.00578	.0254	.0121	.0207	.00922	.0200	.01475
%RSD	.69505	1.2328	1.1920	1.0118	1.0897	.96956	7.7677
#1	.83747	2.0720	1.0263	2.0647	.85421	2.0460	.20402
#2	.83215	2.0717	1.0241	2.0490	.84899	2.0851	.17459
#3	.82591	2.0279	1.0043	2.0237	.83627	2.0734	.19104
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19874	.19394	1.0809	.43128	.20625	.32811	3.2767
Stddev	.00020	.00165	.0328	.00231	.00237	.00294	.0680
%RSD	.09814	.85095	3.0362	.53497	1.1483	.89686	2.0750
#1	.19877	.19513	1.1080	.43386	.20782	.32894	3.3502
#2	.19891	.19463	1.0444	.42943	.20741	.33055	3.2161
#3	.19853	.19205	1.0903	.43054	.20353	.32484	3.2637
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21831	2.1692	.49636	.07737	2.9670	.31481	.21377
Stddev	.00019	.0629	.00514	.00091	.0716	.00092	.00232
%RSD	.08697	2.8985	1.0351	1.1803	2.4123	.29237	1.0863
#1	.21828	2.2418	.50024	.07830	3.0310	.31514	.21548
#2	.21814	2.1347	.49832	.07647	2.8897	.31376	.21471
#3	.21851	2.1312	.49054	.07735	2.9804	.31551	.21113
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.259	.45167	.30541	F -.04531	.87518	.71606	.21496
Stddev	.173	.00407	.01303	.00664	.01823	.00664	.00440
%RSD	1.6847	.90103	4.2648	14.649	2.0829	.92784	2.0461
#1	10.411	.45442	.29690	-.05266	.89369	.72173	.21922
#2	10.071	.45359	.32041	-.03974	.85724	.71769	.21044
#3	10.294	.44699	.29893	-.04353	.87460	.70875	.21522

Sample Name: PB116930BS Acquired: 2/7/2019 16:39:36 Type: Unk
Method: P4-ICP2(v2837) 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	.21141	F 5.529	F .20607	3.4435	<.00000
Stddev	.00434	.046	.00414	.2024	1.9355
%RSD	2.0541	.8350	2.0093	5.8787	6.2150
#1	.21537	5.557	.20932	3.6321	-31.336
#2	.20676	5.554	.20141	3.4688	-32.973
#3	.21210	5.476	.20749	3.2296	-29.117
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3210.5	41916.	4578.7	15.648	3832.5
Stddev	21.8	217.	103.4	.291	25.0
%RSD	.67760	.51720	2.2576	1.8608	.65335
#1	3192.6	41669.	4473.2	15.341	3816.1
#2	3204.2	42005.	4679.8	15.920	3820.1
#3	3234.7	42074.	4583.1	15.684	3861.3

Sample Name: PB116924BL Acquired: 2/7/2019 16:43:40 Type: Unk
Method: P4-ICP2(v2837) 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	-.00256	-.00175	.00086	-.00163	-.00280	.01805	-.01429
Stddev	.00240	.00158	.00075	.00196	.00078	.00199	.00244
%RSD	94.092	90.492	86.537	120.47	27.853	11.025	17.090

#1	-.00472	.00007	.00065	-.00381	-.00253	.02033	-.01588
#2	.00003	-.00250	.00025	-.00107	-.00368	.01712	-.01148
#3	-.00298	-.00283	.00170	-.00000	-.00220	.01669	-.01550

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00004	-.00019	.00029	.00017	-.00024	-.00078
Stddev	.00003	.00008	.00957	.00005	.00010	.00034	.00071
%RSD	31.327	221.56	4997.3	17.766	58.184	138.54	90.861

#1	.00009	-.00010	-.00018	.00033	.00016	-.00056	-.00128
#2	.00007	.00005	-.00976	.00031	.00008	.00011	-.00110
#3	.00013	-.00006	.00937	.00023	.00027	-.00029	.00003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.04033	.00005	.00042	-.07408	.00048	-.00223
Stddev	.00002	.02668	.00046	.00029	.01650	.00012	.00003
%RSD	12.808	66.159	899.50	68.852	22.270	24.250	1.5012

#1	-.00015	-.06924	.00016	.00022	-.08340	.00061	-.00225
#2	-.00012	-.01666	.00045	.00075	-.05503	.00039	-.00226
#3	-.00012	-.03509	-.00045	.00029	-.08380	.00044	-.00220

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00678	-.00004	-.00039	F -.01287	-.00020	-.00052	-.00205
Stddev	.01499	.00006	.00788	.01941	.00202	.00012	.00316
%RSD	221.07	174.23	2030.8	150.81	1014.1	23.814	153.87

#1	-.01053	.00004	-.00308	-.03478	-.00252	-.00053	-.00559
#2	.01559	-.00007	-.00657	-.00600	.00081	-.00040	-.00107
#3	.01527	-.00008	.00848	.00217	.00112	-.00065	.00049

Sample Name: PB116924BL Acquired: 2/7/2019 16:43:40 Type: Unk
Method: P4-ICP2(v2837) 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	-.00091	-.0013	.00009	F 3.6370	F 1.1175
Stddev	.00122	.0008	.00009	.5611	3.0816
%RSD	134.27	65.39	100.43	15.428	275.75
#1	-.00056	-.0023	.00007	3.3460	-2.3782
#2	-.00227	-.0010	.00020	4.2838	3.4408
#3	.00010	-.0007	.00002	3.2812	2.2901
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3227.6	40698.	4577.7	16.583	3925.1
Stddev	17.1	1560.	7.0	.243	22.1
%RSD	.52912	3.8340	.15302	1.4673	.56336
#1	3214.5	41424.	4573.8	16.843	3937.1
#2	3246.9	38907.	4573.5	16.361	3938.7
#3	3221.5	41764.	4585.8	16.543	3899.6

Sample Name: PB116924BS Acquired: 2/7/2019 16:48:06 Type: Unk
Method: P4-ICP2(v2837) 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	.81767	2.0178	.99852	1.9987	.84099	2.1321	.18496
Stddev	.01176	.0174	.01313	.0142	.00858	.0237	.00436
%RSD	1.4381	.86144	1.3148	.70878	1.0207	1.1091	2.3553

#1	.82432	2.0196	.99570	2.0010	.84323	2.1509	.18931
#2	.82460	2.0342	1.0128	2.0116	.84823	2.1056	.18060
#3	.80410	1.9995	.98703	1.9835	.83150	2.1398	.18497

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19669	.19008	1.0559	.43850	.20470	.32228	3.2373
Stddev	.00356	.00161	.0264	.00841	.00219	.00352	.0585
%RSD	1.8122	.84887	2.5022	1.9190	1.0712	1.0936	1.8064

#1	.19920	.18987	1.0859	.44497	.20500	.32264	3.2596
#2	.19261	.19179	1.0455	.42899	.20674	.32562	3.1709
#3	.19825	.18858	1.0362	.44155	.20238	.31860	3.2813

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22008	2.1662	.48728	.07701	2.9719	.32019	.21026
Stddev	.00395	.0415	.00474	.00118	.0506	.00539	.00185
%RSD	1.7942	1.9183	.97283	1.5328	1.7035	1.6841	.87867

#1	.22362	2.1942	.48645	.07782	3.0138	.32349	.21023
#2	.21582	2.1184	.49238	.07565	2.9157	.31396	.21212
#3	.22081	2.1859	.48301	.07755	2.9864	.32310	.20842

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.218	.45219	.32395	F -.04790	.94560	.70612	.21554
Stddev	.117	.00378	.01044	.02294	.02055	.00328	.00384
%RSD	1.1445	.83700	3.2239	47.890	2.1737	.46460	1.7798

#1	10.322	.45318	.33256	-.07424	.95878	.70585	.21557
#2	10.092	.45538	.32697	-.03227	.92191	.70952	.21169
#3	10.239	.44801	.31233	-.03720	.95610	.70298	.21937

Sample Name: PB116924BS Acquired: 2/7/2019 16:48:06 Type: Unk
Method: P4-ICP2(v2837) 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	.21489	5.394	.20872	F 3.8898	F<.00000
Stddev	.00208	.054	.00293	.2395	1.5514
%RSD	.96577	.9989	1.4047	6.1577	5.0290
#1	.21681	5.414	.21101	4.1154	-30.693
#2	.21269	5.435	.20541	3.6385	-32.473
#3	.21518	5.333	.20973	3.9155	-29.382
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3151.2	40580.	4513.9	15.648	3764.3
Stddev	29.7	727.	82.0	1.157	36.7
%RSD	.94162	1.7919	1.8169	7.3954	.97619
#1	3141.1	39920.	4446.4	14.807	3755.8
#2	3128.0	41359.	4605.2	16.968	3732.6
#3	3184.7	40461.	4490.2	15.170	3804.6

Sample Name: PB116924TB Acquired: 2/7/2019 16:52:12 Type: Unk
Method: P4-ICP2(v2837) 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	-.00311	-.00216	.00146	-.00061	-.00025	.00489	-.02129
Stddev	.00147	.00106	.00019	.00311	.00246	.00898	.00578
%RSD	47.170	49.290	12.803	506.09	1002.2	183.75	27.144

#1	-.00388	-.00112	.00125	-.00353	.00129	-.00395	-.01597
#2	-.00404	-.00210	.00157	.00265	-.00309	.01400	-.02045
#3	-.00142	-.00325	.00158	-.00097	.00106	.00461	-.02743

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00022	.01264	.00088	-.00008	-.00023	.00300
Stddev	.00008	.00006	.01138	.00028	.00012	.00055	.00131
%RSD	281.01	24.955	90.006	31.986	142.00	240.43	43.745

#1	-.00006	-.00020	.02325	.00069	.00005	.00039	.00444
#2	.00006	-.00028	.00062	.00075	-.00016	-.00041	.00188
#3	-.00009	-.00018	.01407	.00121	-.00015	-.00067	.00267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.01119	.00204	.00240	F 233.53	.00035	-.00261
Stddev	.00008	.01913	.00034	.00058	3.62	.00057	.00011
%RSD	356.66	170.91	16.431	24.331	1.5521	162.38	4.1956

#1	-.00006	-.01078	.00197	.00305	237.71	.00097	-.00269
#2	.00010	-.03052	.00240	.00222	231.66	-.00014	-.00248
#3	.00003	.00773	.00175	.00193	231.22	.00022	-.00264

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09114	.00018	-.00003	F -.01774	.00567	.00202	-.00034
Stddev	.00650	.00026	.00239	.02353	.00097	.00059	.00199
%RSD	7.1269	148.13	6891.7	132.60	17.143	29.326	576.46

#1	.09541	-.00007	-.00131	-.04223	.00651	.00264	.00114
#2	.08366	.00045	.00273	-.01568	.00588	.00146	-.00260
#3	.09434	.00015	-.00152	.00468	.00461	.00194	.00043

Sample Name: PB116924TB Acquired: 2/7/2019 16:52:12 Type: Unk
Method: P4-ICP2(v2837) 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	-.00236	-.0019	.00018	4.8056	8.4859
Stddev	.00172	.0004	.00007	.0555	.3862
%RSD	73.050	23.71	36.427	1.1543	4.5508
#1	-.00408	-.0024	.00023	4.8685	8.8372
#2	-.00236	-.0017	.00011	4.7637	8.5480
#3	-.00064	-.0016	.00020	4.7845	8.0724
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3011.4	37860.	4504.4	16.024	3436.5
Stddev	26.6	134.	41.5	.948	9.8
%RSD	.88479	.35327	.92047	5.9177	.28635
#1	3007.4	37706.	4458.7	17.114	3425.9
#2	2987.0	37927.	4514.9	15.575	3438.2
#3	3039.8	37947.	4539.7	15.384	3445.3

Sample Name: PB116925BL Acquired: 2/7/2019 16:56:47 Type: Unk
Method: P4-ICP2(v2837) 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	-.00126	-.00005	.00037	-.00058	-.00175	.00570	-.01179
Stddev	.00181	.00177	.00081	.00342	.00215	.01691	.00251
%RSD	143.12	3458.7	217.85	587.74	122.64	296.91	21.312

#1	-.00061	.00120	-.00051	.00035	-.00236	-.00613	-.01241
#2	.00013	.00072	.00108	.00228	-.00354	-.00185	-.01394
#3	-.00331	-.00208	.00054	-.00437	.00063	.02507	-.00903

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00007	.01151	.00010	.00005	-.00031	-.00129
Stddev	.00004	.00006	.00457	.00011	.00013	.00010	.00217
%RSD	123.56	85.474	39.675	106.68	265.25	32.960	168.23

#1	-.00001	-.00013	.01108	.00012	.00018	-.00030	.00040
#2	.00007	-.00002	.00717	.00020	-.00007	-.00042	-.00373
#3	.00003	-.00006	.01628	-.00002	.00004	-.00021	-.00053

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00431	-.00026	.00015	.01644	.00059	-.00236
Stddev	.00006	.02723	.00015	.00068	.01334	.00025	.00001
%RSD	97.379	631.86	57.503	442.62	81.146	42.559	.53608

#1	-.00005	.02458	-.00039	.00084	.00117	.00053	-.00235
#2	-.00001	-.02950	-.00029	.00015	.02235	.00087	-.00235
#3	-.00013	-.00802	-.00010	-.00052	.02581	.00038	-.00237

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06473	-.00016	.00384	F -.04198	.00161	.00017	-.00095
Stddev	.00105	.00013	.00306	.01148	.00056	.00039	.00183
%RSD	1.6233	79.605	79.469	27.348	34.452	231.35	193.39

#1	.06354	-.00004	.00449	-.05446	.00145	-.00017	.00068
#2	.06515	-.00016	.00052	-.03959	.00116	.00008	-.00058
#3	.06551	-.00030	.00652	-.03188	.00223	.00060	-.00293

Sample Name: PB116925BL Acquired: 2/7/2019 16:56:47 Type: Unk
Method: P4-ICP2(v2837) 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	-.00079	-.0019	.00016	F 3.4396	F 1.9680
Stddev	.00210	.0002	.00010	.1983	.4524
%RSD	264.76	11.69	59.546	5.7663	22.989
#1	-.00170	-.0020	.00016	3.5484	1.9495
#2	.00161	-.0017	.00026	3.5597	2.4295
#3	-.00229	-.0021	.00007	3.2107	1.5252
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3243.4	41708.	4524.1	16.077	3908.1
Stddev	7.1	103.	2.0	.826	12.9
%RSD	.22019	.24737	.04377	5.1378	.32932
#1	3251.4	41661.	4523.7	15.341	3895.3
#2	3237.8	41636.	4522.3	16.970	3907.8
#3	3241.0	41826.	4526.2	15.920	3921.1

Sample Name: PB116925BS Acquired: 2/7/2019 17:09:18 Type: Unk
Method: P4-ICP2(v2837) 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	.81668	1.9932	.99475	1.9840	.84091	2.0795	.18918
Stddev	.00431	.0089	.00248	.0117	.00746	.0263	.00190
%RSD	.52785	.44386	.24896	.58954	.88737	1.2660	1.0023

#1	.81694	1.9840	.99231	1.9831	.83661	2.0512	.18974
#2	.82085	2.0016	.99726	1.9962	.84953	2.0840	.19073
#3	.81224	1.9940	.99468	1.9729	.83659	2.1032	.18706

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19429	.18788	1.0628	.43004	.20363	.32150	3.2275
Stddev	.00028	.00058	.0097	.00039	.00066	.00168	.0296
%RSD	.14442	.31109	.91012	.09020	.32291	.52141	.91813

#1	.19458	.18737	1.0530	.43045	.20290	.32158	3.2322
#2	.19403	.18852	1.0723	.42999	.20418	.32313	3.2545
#3	.19426	.18775	1.0632	.42968	.20379	.31978	3.1958

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21711	2.1224	.48160	.07587	2.9564	.31583	.20953
Stddev	.00024	.1081	.00079	.00035	.0100	.00091	.00020
%RSD	.11190	5.0920	.16362	.46310	.33656	.28726	.09779

#1	.21739	2.0054	.48095	.07627	2.9554	.31651	.20967
#2	.21693	2.2184	.48248	.07559	2.9667	.31480	.20963
#3	.21701	2.1435	.48138	.07576	2.9469	.31618	.20930

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.228	.45479	.31523	F -.03127	.91405	.70142	.21612
Stddev	.019	.00220	.00560	.01576	.01029	.00244	.00140
%RSD	.18948	.48364	1.7761	50.410	1.1254	.34743	.65003

#1	10.209	.45548	.30878	-.01603	.91916	.69885	.21456
#2	10.247	.45656	.31887	-.03027	.92079	.70370	.21650
#3	10.227	.45233	.31803	-.04750	.90221	.70172	.21729

Sample Name: PB116925BS Acquired: 2/7/2019 17:09:18 Type: Unk
 Method: P4-ICP2(v2837) 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	.21348	5.297	.20649	F 3.8251	F<.00000
Stddev	.00169	.017	.00083	.0542	.26353
%RSD	.78960	.3241	.40205	1.4164	.80828
#1	.21538	5.282	.20722	3.8838	-32.497
#2	.21291	5.316	.20559	3.7770	-32.410
#3	.21216	5.294	.20666	3.8146	-32.903
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3171.2	41337.	4560.4	16.036	3833.5
Stddev	23.0	65.	49.0	.320	10.3
%RSD	.72631	.15808	1.0742	1.9979	.26920
#1	3153.3	41265.	4520.6	15.739	3823.1
#2	3163.1	41393.	4545.6	16.375	3833.5
#3	3197.2	41352.	4615.1	15.993	3843.7

Sample Name: CCV05 Acquired: 2/7/2019 17:13:23 Type: Unk
Method: P4-ICP2(v2837) 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	5.3445	5.0027	5.1056	5.2189	5.3456	10.382	9.5865
Stddev	.0203	.0340	.0401	.0080	.0075	.043	.0857
%RSD	.37909	.67855	.78510	.15383	.13932	.40996	.89355

#1	5.3466	4.9635	5.0599	5.2171	5.3467	10.357	9.6110
#2	5.3232	5.0220	5.1219	5.2120	5.3377	10.358	9.6572
#3	5.3636	5.0226	5.1349	5.2277	5.3524	10.432	9.4913

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25615	2.4578	26.298	1.0311	2.5168	1.2860	4.9981
Stddev	.00035	.0171	.113	.0022	.0187	.0058	.0453
%RSD	.13538	.69657	.42871	.21419	.74352	.45237	.90648

#1	.25626	2.4387	26.253	1.0286	2.4953	1.2831	4.9975
#2	.25642	2.4631	26.427	1.0322	2.5254	1.2822	5.0437
#3	.25576	2.4716	26.215	1.0326	2.5297	1.2927	4.9531

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5883	26.566	2.3975	1.3456	23.996	2.5487	2.6094
Stddev	.0026	.152	.0200	.0047	.260	.0032	.0175
%RSD	.09841	.57068	.83588	.35152	1.0831	.12585	.66955

#1	2.5877	26.646	2.3744	1.3415	24.056	2.5524	2.5893
#2	2.5860	26.661	2.4071	1.3445	24.221	2.5470	2.6176
#3	2.5910	26.391	2.4108	1.3508	23.711	2.5468	2.6212

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.466	5.3882	5.0625	4.8471	4.9801	5.0397	5.2290
Stddev	.249	.0162	.0463	.0404	.0608	.0393	.0465
%RSD	1.0177	.30133	.91481	.83365	1.2211	.77988	.88936

#1	24.604	5.3893	5.0350	4.8187	4.9807	4.9952	5.2094
#2	24.616	5.3714	5.1159	4.8292	5.0406	5.0541	5.2821
#3	24.179	5.4038	5.0364	4.8934	4.9190	5.0698	5.1955

Sample Name: CCV05 Acquired: 2/7/2019 17:13:23 Type: Unk
Method: P4-ICP2(v2837) 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	5.1196	5.000	5.0298	4.7108	F<.00000
Stddev	.0415	.016	.0345	.0170	.22512
%RSD	.81026	.3215	.68694	.36037	851.13

#1	5.1419	4.988	5.0463	4.7230	.02042
#2	5.1452	5.018	5.0529	4.7179	.17154
#3	5.0717	4.995	4.9901	4.6914	-.27132

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3069.6	39188.	4495.1	14.569	3487.7
Stddev	1.6	17.	37.8	1.486	22.7
%RSD	.05212	.04422	.84009	10.198	.65077

#1	3068.8	39171.	4478.1	16.001	3513.6
#2	3071.4	39205.	4468.7	13.035	3471.0
#3	3068.4	39189.	4538.3	14.673	3478.7

Sample Name: CCB05 Acquired: 2/7/2019 17:17:21 Type: Unk
Method: P4-ICP2(v2837) 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	-.00144	.00051	.00135	-.00046	-.00201	.00865	-.01498
Stddev	.00125	.00098	.00063	.00191	.00101	.00760	.00700
%RSD	87.414	190.64	46.869	419.65	50.130	87.819	46.741

#1	-.00181	-.00058	.00208	.00099	-.00091	.01232	-.00795
#2	-.00004	.00083	.00095	.00027	-.00289	-.00008	-.02195
#3	-.00246	.00129	.00102	-.00262	-.00222	.01371	-.01503

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00004	.00664	.00063	.00023	-.00013	-.00168
Stddev	.00001	.00005	.00356	.00022	.00032	.00047	.00127
%RSD	33.574	139.26	53.593	35.264	134.33	364.50	75.204

#1	.00005	-.00004	.00900	.00047	.00056	-.00022	-.00093
#2	.00005	-.00009	.00255	.00053	-.00007	.00038	-.00098
#3	.00003	.00002	.00837	.00089	.00022	-.00055	-.00315

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.02756	-.00018	.00038	-.05535	.00039	-.00238
Stddev	.00002	.02652	.00032	.00072	.00442	.00038	.00001
%RSD	98.657	96.212	175.79	190.59	7.9850	99.556	.44835

#1	-.00001	.00254	-.00021	.00110	-.05671	.00032	-.00237
#2	-.00001	-.03774	.00015	.00036	-.05893	.00080	-.00239
#3	-.00005	-.04748	-.00049	-.00033	-.05041	.00004	-.00238

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02119	.00001	.00691	F -.04531	.00241	-.00009	-.00235
Stddev	.00760	.00005	.00253	.01344	.00208	.00080	.00233
%RSD	35.851	408.07	36.655	29.671	86.485	851.19	99.220

#1	.02741	.00000	.00676	-.04098	.00465	.00046	-.00070
#2	.02345	-.00003	.00951	-.03457	.00204	.00027	-.00501
#3	.01272	.00007	.00445	-.06039	.00053	-.00101	-.00133

Sample Name: CCB05 Acquired: 2/7/2019 17:17:21 Type: Unk
 Method: P4-ICP2(v2837) 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	-.00084	-.0026	.00017	F 3.5899	F 1.0292
Stddev	.00121	.0009	.00001	.1937	1.2555
%RSD	145.24	35.03	8.3010	5.3952	121.99
#1	-.00124	-.0016	.00019	3.6611	1.9172
#2	-.00180	-.0026	.00017	3.3708	1.5777
#3	.00053	-.0034	.00016	3.7380	-.40724
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3208.9	41327.	4555.7	15.252	3915.8
Stddev	8.4	181.	7.7	.742	15.6
%RSD	.26151	.43899	.16985	4.8682	.39855
#1	3207.9	41160.	4549.2	15.764	3933.7
#2	3201.1	41520.	4553.6	15.591	3908.1
#3	3217.8	41303.	4564.2	14.400	3905.5

Sample Name: PB116925TB Acquired: 2/7/2019 17:21:49 Type: Unk
Method: P4-ICP2(v2837) 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	-.00479	-.00277	.00196	-.00009	-.00158	.00603	-.02776	-.00003
Stddev	.00107	.00180	.00025	.00240	.00094	.01055	.00198	.00009
%RSD	22.280	65.162	12.924	2637.9	59.587	175.11	7.1431	278.54

#1	-.00556	-.00479	.00172	-.00149	-.00050	.00427	-.02839	.00001
#2	-.00357	-.00219	.00222	-.00147	-.00218	.01735	-.02936	-.00014
#3	-.00523	-.00132	.00192	.00268	-.00207	-.00354	-.02554	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00622	.00179	-.00034	-.00074	.00329	.00006	.02085
Stddev	.00014	.01453	.00072	.00013	.00021	.00094	.00003	.04053
%RSD	110.20	233.40	40.529	39.744	27.619	28.643	45.269	194.33

#1	.00003	.00895	.00096	-.00024	-.00058	.00234	.00005	-.01255
#2	-.00021	.01920	.00231	-.00049	-.00097	.00330	.00009	.06594
#3	-.00020	-.00947	.00210	-.00029	-.00068	.00422	.00004	.00917

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00290	.00261	239.73	.00047	-.00098	.16732	.00015	.01211
Stddev	.00049	.00052	3.14	.00070	.00003	.04731	.00013	.00046
%RSD	16.730	19.876	1.3098	147.89	3.2550	28.274	83.999	3.8192

#1	.00285	.00318	241.97	.00038	-.00101	.12092	.00024	.01160
#2	.00245	.00247	236.14	-.00018	-.00095	.21549	.00001	.01250
#3	.00341	.00217	241.08	.00121	-.00099	.16555	.00022	.01222

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01843	.00706	.00149	-.00040	-.00215	-.0018	.00013	4.8589
Stddev	.00563	.00342	.00031	.00191	.00245	.0012	.00005	.1384
%RSD	30.541	48.465	20.537	482.00	114.17	63.28	42.082	2.8478

#1	-.01937	.00454	.00183	-.00135	-.00349	-.0005	.00012	4.8585
#2	-.01239	.00568	.00124	.00180	-.00363	-.0026	.00008	4.7208
#3	-.02354	.01095	.00141	-.00163	.00068	-.0024	.00019	4.9975

Sample Name: PB116925TB Acquired: 2/7/2019 17:21:49 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.6943
Stddev	2.0019
%RSD	23.026

#1	7.1703
#2	7.9511
#3	10.962

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3034.9	38097.	4564.4	15.661	3469.2
Stddev	16.0	77.	51.0	1.245	9.0
%RSD	.52776	.20155	1.1179	7.9474	.26003

#1	3045.0	38016.	4511.0	14.225	3473.5
#2	3016.4	38168.	4612.7	16.423	3458.8
#3	3043.2	38107.	4569.6	16.336	3475.3

Sample Name: K1383-04 Acquired: 2/7/2019 17:26:26 Type: Unk
 Method: P4-ICP2(v2837) 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	.00015	.00081	.00015	-.00292	-.00182	.01835	-.01414	.00005
Stddev	.00066	.00131	.00079	.00051	.00167	.00960	.00057	.00003
%RSD	430.32	162.20	528.42	17.515	91.746	52.322	3.9987	52.236

#1	-.00031	.00037	.00037	-.00349	-.00373	.00913	-.01471	.00008
#2	.00091	-.00022	.00080	-.00278	-.00113	.01762	-.01358	.00003
#3	-.00014	.00229	-.00073	-.00250	-.00061	.02829	-.01412	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.02170	.00024	.00019	.00021	.00315	.00018	.02796
Stddev	.00001	.01111	.00028	.00018	.00008	.00225	.00005	.03623
%RSD	19.173	51.216	114.50	96.901	36.534	71.623	26.763	129.58

#1	.00006	.02082	.00007	.00016	.00014	.00504	.00015	.05437
#2	.00009	.03323	.00057	.00038	.00020	.00065	.00016	-.01334
#3	.00007	.01105	.00010	.00002	.00029	.00375	.00024	.04285

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	.00060	-.07460	-.00023	.00549	.03837	-.00034	.00091
Stddev	.00017	.00037	.01867	.00025	.00004	.00925	.00015	.00757
%RSD	34.249	61.443	25.031	106.75	.74319	24.110	45.808	831.11

#1	.00035	.00074	-.05350	-.00003	.00545	.04147	-.00042	.00965
#2	.00068	.00088	-.08900	-.00051	.00549	.04566	-.00016	-.00372
#3	.00044	.00018	-.08129	-.00016	.00554	.02796	-.00043	-.00320

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10425	-.00467	-.00090	.00030	-.00598	-.0009	.00009	2.9364
Stddev	.00487	.00194	.00094	.00278	.00374	.0012	.00005	.1043
%RSD	4.6726	41.397	104.12	932.61	62.576	135.9	57.732	3.5514

#1	-.10094	-.00614	.00018	.00315	-.00511	-.0013	.00008	2.8991
#2	-.10984	-.00540	-.00149	-.00241	-.01008	-.0018	.00004	3.0541
#3	-.10196	-.00248	-.00139	.00016	-.00275	.0005	.00014	2.8558

Sample Name: K1383-04 Acquired: 2/7/2019 17:26:26 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.8781
 Stddev .4754
 %RSD 25.312

#1 2.0222
 #2 1.3473
 #3 2.2647

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3380.1	43395.	4749.2	17.639	4180.4
Stddev	3.9	88.	32.7	.559	2.0
%RSD	.11597	.20260	.68764	3.1707	.04773

#1	3379.0	43443.	4713.2	17.402	4182.3
#2	3376.9	43293.	4757.4	18.277	4180.7
#3	3384.5	43448.	4776.9	17.236	4178.3

Sample Name: K1389-21 Acquired: 2/7/2019 17:30:55 Type: Unk
Method: P4-ICP2(v2837) 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	-.01043	-.02685	.09509	.00877	-.00893	70.811	.88597
Stddev	.00097	.00062	.00064	.00300	.00090	.266	.00223
%RSD	9.3454	2.2974	.67580	34.195	10.072	.37555	.25179

#1	-.00963	-.02638	.09437	.00535	-.00803	70.690	.88440
#2	-.01151	-.02663	.09528	.01095	-.00894	70.628	.88853
#3	-.01014	-.02755	.09561	.01001	-.00983	71.116	.88500

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00413	-.00192	80.037	.09486	.05816	.03208	85.665
Stddev	.00003	.00002	.653	.00042	.00045	.00014	.418
%RSD	.73384	1.2337	.81553	.44217	.77992	.44590	.48768

#1	.00416	-.00195	79.295	.09476	.05775	.03204	85.250
#2	.00414	-.00190	80.293	.09532	.05865	.03196	86.085
#3	.00410	-.00192	80.523	.09449	.05808	.03224	85.659

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5685	46.256	.10888	-.00310	85.084	.12056	.33742
Stddev	.0060	.611	.00130	.00027	.666	.00056	.00052
%RSD	.13185	1.3210	1.1986	8.7064	.78300	.46807	.15370

#1	4.5690	45.550	.10751	-.00279	84.333	.12012	.33682
#2	4.5622	46.613	.11011	-.00328	85.604	.12119	.33779
#3	4.5742	46.605	.10900	-.00323	85.316	.12036	.33764

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.303	.00071	.12756	F 30.262	F 77.282	-.00301	1.8533
Stddev	.109	.00013	.00788	.206	.417	.00156	.0076
%RSD	.59702	17.814	6.1747	.68072	.53940	51.813	.41303

#1	18.177	.00071	.11987	30.252	76.926	-.00361	1.8534
#2	18.365	.00059	.13561	30.473	77.741	-.00419	1.8457
#3	18.368	.00084	.12720	30.061	77.180	-.00124	1.8610

Sample Name: K1389-21 Acquired: 2/7/2019 17:30:55 Type: Unk
 Method: P4-ICP2(v2837) 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	.18111	1.773	.24992	4.1113	F<.00000
Stddev	.00153	.006	.00181	.1595	5.8460
%RSD	.84240	.3511	.72250	3.8786	1.2497
#1	.17938	1.770	.24784	4.2363	-469.42
#2	.18228	1.780	.25076	3.9317	-472.64
#3	.18166	1.769	.25115	4.1659	-461.29
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3117.1	39546.	4729.7	14.818	3345.9
Stddev	11.4	174.	9.7	.196	10.6
%RSD	.36480	.44052	.20468	1.3226	.31641
#1	3104.4	39363.	4733.8	14.801	3339.6
#2	3126.4	39711.	4718.7	15.022	3340.0
#3	3120.5	39563.	4736.8	14.631	3358.2

Sample Name: K1392-01 Acquired: 2/7/2019 17:35:10 Type: Unk
Method: P4-ICP2(v2837) 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	.02073	-.00674	.23024	.00504	.01965	8.0410	.07413
Stddev	.00148	.00124	.00129	.00160	.00070	.0608	.00397
%RSD	7.1436	18.417	.55818	31.734	3.5746	.75593	5.3608

#1	.02194	-.00539	.23071	.00537	.01910	8.0815	.07471
#2	.02119	-.00701	.23122	.00331	.01940	8.0704	.07779
#3	.01908	-.00783	.22878	.00646	.02044	7.9711	.06991

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	.00521	112.24	.02014	.00810	.17791	17.031
Stddev	.00008	.00002	1.68	.00023	.00039	.00140	.261
%RSD	16.980	.45026	1.4945	1.1279	4.7966	.78668	1.5329

#1	.00048	.00521	110.31	.02004	.00850	.17747	16.746
#2	.00040	.00518	113.01	.02040	.00808	.17948	17.087
#3	.00057	.00523	113.39	.01999	.00772	.17679	17.259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69977	24.888	.06020	-.00026	45.124	.02690	1.1773
Stddev	.00079	.247	.00025	.00066	.466	.00012	.0053
%RSD	.11275	.99310	.40952	253.68	1.0320	.42770	.44803

#1	.69935	24.604	.05997	-.00087	44.622	.02684	1.1785
#2	.70068	25.001	.06046	-.00035	45.208	.02703	1.1715
#3	.69927	25.058	.06016	.00044	45.542	.02682	1.1818

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7026	.08192	.04324	2.6273	F 14.943	.00997	.33613
Stddev	.0096	.00035	.00613	.0157	.231	.00057	.00508
%RSD	.25961	.42274	14.187	.59742	1.5455	5.7177	1.5122

#1	3.6956	.08191	.03936	2.6266	14.695	.01052	.33037
#2	3.7135	.08227	.04005	2.6119	14.982	.01001	.33802
#3	3.6986	.08157	.05031	2.6433	15.151	.00938	.34000

Sample Name: K1392-01 Acquired: 2/7/2019 17:35:10 Type: Unk
 Method: P4-ICP2(v2837) 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	.02308	1.246	.27615	4.3973	F<.00000
Stddev	.00102	.004	.00291	.0823	2.8998
%RSD	4.4294	.3051	1.0551	1.8722	4.0274
#1	.02236	1.243	.27289	4.4779	-68.663
#2	.02425	1.250	.27707	4.3134	-73.900
#3	.02262	1.245	.27849	4.4006	-73.439
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3042.8	39021.	4591.0	16.373	3466.1
Stddev	17.7	129.	58.8	.164	14.4
%RSD	.58245	.33107	1.2809	1.0009	.41663
#1	3049.1	38872.	4654.9	16.447	3451.6
#2	3022.8	39093.	4579.2	16.185	3480.5
#3	3056.6	39099.	4539.0	16.486	3466.2

Sample Name: K1392-01DUP Acquired: 2/7/2019 17:39:26 Type: Unk
Method: P4-ICP2(v2837) 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	.02052	-.00572	.23567	-.00114	.01988	8.1480	.08266
Stddev	.00218	.00133	.00145	.00321	.00023	.0728	.00179
%RSD	10.633	23.228	.61579	280.71	1.1442	.89404	2.1630

#1	.01909	-.00722	.23691	-.00401	.01995	8.0661	.08406
#2	.02303	-.00471	.23407	-.00173	.01963	8.2055	.08328
#3	.01944	-.00521	.23603	.00232	.02007	8.1723	.08065

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	.00523	113.93	.02016	.00819	.17949	17.403
Stddev	.00003	.00002	.27	.00028	.00021	.00053	.070
%RSD	5.4506	.46779	.23715	1.3788	2.5630	.29607	.40399

#1	.00051	.00520	113.79	.02002	.00836	.18002	17.428
#2	.00054	.00525	113.76	.01998	.00795	.17950	17.457
#3	.00049	.00524	114.24	.02048	.00825	.17895	17.323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71269	25.494	.06117	-.00014	46.102	.02737	1.1947
Stddev	.00058	.358	.00029	.00035	.158	.00013	.0063
%RSD	.08095	1.4044	.47779	254.86	.34212	.47226	.52540

#1	.71205	25.086	.06109	-.00049	46.218	.02752	1.1910
#2	.71286	25.757	.06093	-.00012	45.922	.02729	1.2020
#3	.71316	25.638	.06150	.00020	46.165	.02730	1.1912

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7734	.08308	.04300	2.6652	F 15.312	.00948	.34594
Stddev	.0526	.00020	.00725	.0051	.077	.00088	.00509
%RSD	1.3936	.23562	16.868	.19138	.50138	9.2731	1.4708

#1	3.7947	.08330	.03510	2.6599	15.385	.00873	.34079
#2	3.7135	.08291	.04455	2.6656	15.318	.01045	.34608
#3	3.8121	.08303	.04935	2.6701	15.232	.00927	.35096

Sample Name: K1392-01DUP Acquired: 2/7/2019 17:39:26 Type: Unk
Method: P4-ICP2(v2837) 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	.02207	1.265	.28195	4.6301	F<.00000
Stddev	.00162	.006	.00081	.1091	1.4398
%RSD	7.3288	.5135	.28608	2.3557	1.9707

#1	.02100	1.259	.28242	4.6853	-74.517
#2	.02393	1.272	.28102	4.7004	-71.638
#3	.02127	1.263	.28242	4.5044	-73.027

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3024.2	38545.	4512.0	14.982	3429.8
Stddev	18.8	89.	36.5	.724	17.8
%RSD	.62250	.23165	.80917	4.8335	.52033

#1	3013.1	38455.	4478.1	14.481	3425.1
#2	3013.6	38547.	4507.2	15.812	3414.8
#3	3046.0	38634.	4550.6	14.653	3449.5

Sample Name: K1392-01LX5 Acquired: 2/7/2019 17:43:44 Type: Unk
Method: P4-ICP2(v2837) 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	.00159	-.00256	.05001	-.00112	.00238	1.6118	.00098
Stddev	.00265	.00173	.00069	.00069	.00115	.0248	.00303
%RSD	166.36	67.557	1.3845	61.335	48.284	1.5359	308.40

#1	-.00135	-.00097	.05057	-.00184	.00106	1.5976	.00278
#2	.00233	-.00230	.05024	-.00047	.00319	1.6404	-.00251
#3	.00380	-.00439	.04924	-.00106	.00287	1.5974	.00268

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00096	24.001	.00433	.00189	.03852	3.8441
Stddev	.00008	.00005	.088	.00028	.00029	.00032	.0156
%RSD	46.901	5.6507	.36644	6.4422	15.256	.83319	.40585

#1	.00027	.00099	23.900	.00464	.00203	.03825	3.8463
#2	.00015	.00100	24.052	.00426	.00156	.03888	3.8275
#3	.00011	.00090	24.052	.00409	.00208	.03844	3.8584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15094	5.3371	.01208	.00022	9.5683	.00571	.24519
Stddev	.00077	.0810	.00040	.00098	.1242	.00053	.00108
%RSD	.50975	1.5179	3.3283	449.80	1.2977	9.2100	.44176

#1	.15071	5.3036	.01216	.00072	9.6363	.00629	.24465
#2	.15180	5.2782	.01165	.00084	9.4250	.00527	.24447
#3	.15032	5.4295	.01244	-.00091	9.6436	.00558	.24643

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77385	.01701	.01482	.47891	3.3995	.00292	.06608
Stddev	.02764	.00040	.00597	.01459	.0326	.00009	.00187
%RSD	3.5715	2.3627	40.308	3.0464	.95938	2.9139	2.8355

#1	.76088	.01737	.01126	.46509	3.4090	.00292	.06778
#2	.80559	.01708	.01148	.49417	3.3632	.00301	.06407
#3	.75508	.01658	.02172	.47748	3.4264	.00284	.06638

Sample Name: K1392-01LX5 Acquired: 2/7/2019 17:43:44 Type: Unk
Method: P4-ICP2(v2837) 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	.00288	.2487	.05802	3.8256	F<.00000
Stddev	.00259	.0015	.00023	.0635	.12074
%RSD	89.805	.5875	.40425	1.6605	1.1736
#1	.00556	.2499	.05782	3.8406	-10.180
#2	.00040	.2471	.05796	3.7560	-10.265
#3	.00269	.2491	.05828	3.8804	-10.419
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3146.0	40695.	4574.9	14.745	3748.5
Stddev	12.4	94.	39.9	1.983	17.1
%RSD	.39314	.23196	.87159	13.449	.45497
#1	3132.8	40633.	4551.4	15.094	3752.8
#2	3147.8	40648.	4621.0	16.531	3762.9
#3	3157.4	40803.	4552.4	12.611	3729.7

Sample Name: K1392-01MS Acquired: 2/7/2019 17:48:05 Type: Unk
Method: P4-ICP2(v2837) 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	.87229	1.9947	1.2187	2.0572	.87082	9.9593	.27409
Stddev	.00785	.0008	.0006	.0194	.00705	.0835	.00403
%RSD	.90016	.03824	.04711	.94380	.80988	.83891	1.4696

#1	.87612	1.9954	1.2191	2.0726	.87591	10.009	.27401
#2	.87749	1.9939	1.2189	2.0635	.87378	9.8628	.27817
#3	.86326	1.9948	1.2181	2.0354	.86277	10.006	.27011

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21010	.20074	106.62	.44916	.21660	.46670	18.815
Stddev	.00045	.00056	.41	.00084	.00023	.00276	.128
%RSD	.21264	.27846	.38117	.18809	.10589	.59042	.67791

#1	.20959	.20138	106.18	.44832	.21638	.46747	18.848
#2	.21026	.20038	106.99	.45001	.21657	.46898	18.923
#3	.21044	.20045	106.67	.44916	.21684	.46364	18.674

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85916	25.684	.54534	.07789	45.049	.34823	1.2858
Stddev	.00123	.027	.00036	.00037	.128	.00029	.0035
%RSD	.14329	.10590	.06618	.47107	.28416	.08185	.27504

#1	.85775	25.653	.54531	.07816	45.185	.34791	1.2892
#2	.85997	25.703	.54499	.07804	45.030	.34833	1.2822
#3	.85978	25.697	.54571	.07747	44.931	.34846	1.2861

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.560	.52352	.35974	2.3986	F 15.668	.73829	.53497
Stddev	.019	.00345	.00171	.0155	.116	.00042	.00269
%RSD	.13883	.65936	.47420	.64709	.73805	.05672	.50194

#1	13.568	.52687	.35793	2.4103	15.682	.73873	.53492
#2	13.538	.52373	.36131	2.4045	15.776	.73790	.53769
#3	13.573	.51997	.35997	2.3810	15.546	.73822	.53232

Sample Name: K1392-01MS Acquired: 2/7/2019 17:48:05 Type: Unk
Method: P4-ICP2(v2837) 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	.23776	7.080	.46318	4.9085	F<.00000
Stddev	.00375	.015	.00177	.0737	2.1980
%RSD	1.5767	.2070	.38144	1.5016	2.3272
#1	.23490	7.096	.46318	4.9677	-92.385
#2	.24201	7.067	.46495	4.9317	-94.202
#3	.23639	7.078	.46142	4.8259	-96.761
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3035.9	38685.	4467.0	13.781	3440.2
Stddev	25.0	73.	30.2	.646	15.3
%RSD	.82423	.18847	.67607	4.6908	.44374
#1	3011.2	38604.	4449.5	14.420	3424.2
#2	3035.3	38709.	4449.6	13.127	3454.6
#3	3061.2	38744.	4501.8	13.796	3442.0

Sample Name: K1392-01MSD Acquired: 2/7/2019 17:52:07 Type: Unk
Method: P4-ICP2(v2837) 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	.86507	1.9663	1.2044	2.0316	.86311	9.8229	.27545
Stddev	.00591	.0067	.0034	.0072	.00176	.0554	.00924
%RSD	.68317	.34136	.28092	.35201	.20344	.56362	3.3533

#1	.86468	1.9642	1.2075	2.0311	.86447	9.7734	.28553
#2	.85937	1.9738	1.2049	2.0247	.86113	9.8127	.27343
#3	.87117	1.9608	1.2008	2.0390	.86372	9.8827	.26739

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20695	.19823	106.98	.44446	.21393	.46269	18.799
Stddev	.00034	.00020	1.96	.00211	.00047	.00193	.359
%RSD	.16368	.10099	1.8342	.47559	.21819	.41684	1.9122

#1	.20671	.19821	109.24	.44528	.21441	.46183	19.210
#2	.20679	.19844	105.72	.44206	.21389	.46134	18.540
#3	.20733	.19804	105.99	.44604	.21348	.46490	18.649

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84921	25.671	.53843	.07779	44.976	.34286	1.2682
Stddev	.00101	.279	.00083	.00044	.742	.00146	.0028
%RSD	.11894	1.0853	.15483	.57195	1.6507	.42521	.22417

#1	.84826	25.990	.53921	.07737	45.827	.34427	1.2687
#2	.84910	25.553	.53854	.07826	44.464	.34135	1.2708
#3	.85027	25.472	.53755	.07775	44.636	.34297	1.2652

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.479	.51866	.36474	2.3036	F 15.644	.72738	.53356
Stddev	.161	.00149	.00803	.0016	.267	.00300	.00695
%RSD	1.1936	.28668	2.2016	.06882	1.7070	.41227	1.3024

#1	13.636	.51769	.37401	2.3049	15.951	.73084	.54088
#2	13.314	.51792	.35984	2.3019	15.515	.72561	.53273
#3	13.486	.52038	.36037	2.3040	15.466	.72569	.52706

Sample Name: K1392-01MSD Acquired: 2/7/2019 17:52:07 Type: Unk
Method: P4-ICP2(v2837) 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	.23724	6.967	.46354	4.9119	F<.00000
Stddev	.00460	.017	.00856	.1280	1.7936
%RSD	1.9384	.2503	1.8468	2.6051	1.9095

#1	.24188	6.980	.47342	5.0480	-95.628
#2	.23716	6.974	.45822	4.7941	-94.105
#3	.23268	6.948	.45899	4.8936	-92.054

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3054.9	39001.	4462.2	14.955	3481.5
Stddev	2.3	229.	103.7	.655	13.2
%RSD	.07440	.58747	2.3240	4.3803	.38020

#1	3056.3	38743.	4342.5	14.450	3471.9
#2	3056.1	39179.	4519.9	15.696	3476.0
#3	3052.2	39082.	4524.2	14.721	3496.6

Sample Name: K1392-01A Acquired: 2/7/2019 17:56:10 Type: Unk
Method: P4-ICP2(v2837) 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	.86549	1.9859	1.2084	2.0372	.86708	9.7209	.27505
Stddev	.00345	.0028	.0008	.0167	.00719	.0303	.00887
%RSD	.39811	.14265	.06456	.81831	.82926	.31180	3.2244

#1	.86158	1.9852	1.2079	2.0546	.87462	9.7319	.28281
#2	.86677	1.9834	1.2093	2.0355	.86630	9.6866	.26538
#3	.86811	1.9890	1.2081	2.0214	.86031	9.7441	.27696

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20718	.19903	107.09	.44262	.21425	.46481	18.791
Stddev	.00035	.00043	1.74	.00077	.00072	.00212	.329
%RSD	.16784	.21540	1.6285	.17458	.33488	.45686	1.7534

#1	.20680	.19951	108.98	.44314	.21349	.46696	19.160
#2	.20726	.19869	105.54	.44173	.21492	.46476	18.526
#3	.20748	.19889	106.76	.44299	.21432	.46271	18.687

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84918	25.530	.54130	.07778	45.034	.34346	1.2731
Stddev	.00196	.444	.00176	.00043	.809	.00104	.0013
%RSD	.23055	1.7376	.32582	.55669	1.7953	.30239	.10068

#1	.84963	25.981	.53929	.07812	45.955	.34323	1.2725
#2	.84704	25.095	.54200	.07793	44.444	.34459	1.2746
#3	.85088	25.516	.54260	.07729	44.702	.34256	1.2723

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.498	.52101	.35310	2.3178	F 15.633	.72957	.53204
Stddev	.232	.00241	.00677	.0142	.290	.00078	.01346
%RSD	1.7202	.46310	1.9160	.61324	1.8527	.10707	2.5292

#1	13.765	.52380	.35993	2.3028	15.966	.73047	.54724
#2	13.346	.51976	.34640	2.3311	15.436	.72923	.52165
#3	13.382	.51949	.35298	2.3195	15.497	.72902	.52723

Sample Name: K1392-01A Acquired: 2/7/2019 17:56:10 Type: Unk
Method: P4-ICP2(v2837) 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	.23875	7.003	.46281	4.6790	F<.00000
Stddev	.00745	.006	.00814	.1573	.59987
%RSD	3.1216	.0925	1.7593	3.3616	.64338
#1	.24632	6.996	.47197	4.8582	-93.827
#2	.23142	7.009	.45638	4.6152	-92.628
#3	.23851	7.005	.46008	4.5637	-93.257
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3050.4	39125.	4450.1	14.419	3472.6
Stddev	21.7	242.	99.6	.157	8.6
%RSD	.71178	.61737	2.2382	1.0906	.24848
#1	3025.4	38846.	4335.4	14.443	3464.6
#2	3062.8	39270.	4514.1	14.562	3471.3
#3	3063.2	39258.	4500.9	14.251	3481.8

Sample Name: K1392-03 Acquired: 2/7/2019 18:00:13 Type: Unk
Method: P4-ICP2(v2837) 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	-.01715	.08847	.00753	.00578	25.792	.19677
Stddev	.00223	.00085	.00200	.00239	.00273	.059	.00553
%RSD	83.047	4.9329	2.2588	31.730	47.284	.22913	2.8100

#1	-.00012	-.01802	.09078	.00699	.00678	25.763	.19344
#2	-.00383	-.01709	.08722	.01015	.00788	25.752	.20315
#3	-.00411	-.01633	.08741	.00546	.00269	25.860	.19372

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	-.00049	44.493	.04831	.01862	.16061	38.879
Stddev	.00005	.00010	.081	.00025	.00010	.00053	.187
%RSD	7.9925	20.870	.18247	.51942	.52720	.32715	.48198

#1	.00059	-.00057	44.558	.04859	.01857	.16044	38.712
#2	.00052	-.00052	44.519	.04825	.01873	.16019	39.082
#3	.00061	-.00037	44.402	.04810	.01855	.16120	38.843

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83941	21.142	.03514	-.00042	243.45	.05729	1.2471
Stddev	.00134	.050	.00051	.00058	1.07	.00012	.0013
%RSD	.15964	.23589	1.4438	139.05	.43826	.20767	.10286

#1	.83787	21.085	.03525	-.00109	243.64	.05716	1.2481
#2	.84031	21.177	.03559	-.00004	242.31	.05739	1.2457
#3	.84005	21.165	.03459	-.00012	244.42	.05733	1.2476

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6868	.00516	.03290	3.6858	F 29.212	.01222	1.2972
Stddev	.0356	.00017	.00561	.0044	.163	.00081	.0018
%RSD	.36706	3.2659	17.046	.11929	.55927	6.6056	.13490

#1	9.6511	.00535	.02682	3.6820	29.105	.01315	1.2954
#2	9.6871	.00504	.03788	3.6848	29.400	.01175	1.2989
#3	9.7222	.00508	.03401	3.6906	29.130	.01175	1.2974

Sample Name: K1392-03 Acquired: 2/7/2019 18:00:13 Type: Unk
 Method: P4-ICP2(v2837) 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	.03438	1.697	.17212	5.0759	F<.00000
Stddev	.00421	.003	.00160	.0435	.48733
%RSD	12.260	.1985	.93041	.85670	.27156
#1	.02968	1.698	.17267	5.0299	-179.86
#2	.03564	1.699	.17032	5.1163	-179.60
#3	.03782	1.693	.17338	5.0816	-178.92
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3003.1	37454.	4438.9	14.232	3296.8
Stddev	8.1	32.	12.6	1.359	13.8
%RSD	.27120	.08465	.28456	9.5459	.41812
#1	2993.8	37474.	4451.9	15.795	3284.2
#2	3006.9	37470.	4426.7	13.566	3294.6
#3	3008.7	37417.	4438.3	13.335	3311.5

Sample Name: CCV06 Acquired: 2/7/2019 18:04:38 Type: Unk
Method: P4-ICP2(v2837) 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	5.2542	4.9861	5.0897	5.1317	5.2692	10.238	9.4260	.25426
Stddev	.0096	.0195	.0129	.0106	.0191	.043	.1273	.00022
%RSD	.18280	.39149	.25296	.20684	.36188	.41710	1.3501	.08598
#1	5.2441	5.0086	5.1041	5.1279	5.2601	10.204	9.4773	.25427
#2	5.2633	4.9738	5.0794	5.1437	5.2911	10.286	9.2811	.25447
#3	5.2552	4.9759	5.0856	5.1235	5.2564	10.224	9.5196	.25403
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4427	26.192	1.0306	2.5022	1.2714	5.0197	2.5755	26.497
Stddev	.0095	.126	.0036	.0108	.0037	.0269	.0014	.098
%RSD	.38690	.48199	.34907	.43158	.28750	.53604	.05227	.37098
#1	2.4533	26.084	1.0342	2.5145	1.2688	5.0420	2.5765	26.452
#2	2.4353	26.162	1.0306	2.4942	1.2756	4.9898	2.5761	26.430
#3	2.4394	26.331	1.0270	2.4978	1.2699	5.0272	2.5740	26.610
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3835	1.3360	23.780	2.5307	2.5993	24.137	5.3179	5.0156
Stddev	.0087	.0016	.371	.0018	.0083	.345	.0149	.0301
%RSD	.36671	.11910	1.5608	.06902	.32088	1.4288	.27967	.60086
#1	2.3930	1.3378	23.967	2.5326	2.6087	24.329	5.3095	5.0239
#2	2.3758	1.3350	23.353	2.5293	2.5926	23.738	5.3351	4.9822
#3	2.3817	1.3351	24.020	2.5301	2.5967	24.342	5.3092	5.0407
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8012	4.9871	5.0242	5.1751	5.0859	4.970	4.9761	4.6862
Stddev	.0425	.0570	.0135	.0213	.0627	.018	.0534	.0497
%RSD	.88505	1.1430	.26808	.41108	1.2323	.3591	1.0722	1.0614
#1	4.8099	5.0135	5.0382	5.1655	5.1090	4.991	4.9967	4.6385
#2	4.8387	4.9217	5.0229	5.1603	5.0150	4.960	4.9155	4.7378
#3	4.7551	5.0261	5.0114	5.1995	5.1337	4.960	5.0161	4.6822

Sample Name: CCV06 Acquired: 2/7/2019 18:04:38 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3512
Stddev	.9240
%RSD	39.297

#1	2.7536
#2	3.0058
#3	1.2943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3105.9	39439.	4489.4	13.853	3509.5
Stddev	6.7	107.	35.1	.688	15.5
%RSD	.21648	.27020	.78297	4.9655	.44171

#1	3109.8	39367.	4465.4	13.270	3492.9
#2	3098.2	39389.	4529.7	13.677	3523.6
#3	3109.8	39561.	4472.9	14.611	3512.1

Sample Name: CCB06 Acquired: 2/7/2019 18:08:37 Type: Unk
 Method: P4-ICP2(v2837) 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	-.00093	-.00030	.00092	-.00285	-.00218	.01088	-.01201
Stddev	.00058	.00031	.00078	.00056	.00035	.00856	.00363
%RSD	62.408	103.41	84.521	19.537	16.166	78.692	30.185

#1	-.00042	-.00058	.00052	-.00345	-.00207	.00145	-.00798
#2	-.00156	-.00035	.00182	-.00235	-.00257	.01301	-.01502
#3	-.00082	.00003	.00042	-.00273	-.00189	.01817	-.01304

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00003	.01369	.00045	.00014	.00031	.00178
Stddev	.00002	.00003	.00823	.00042	.00014	.00010	.00244
%RSD	24.488	94.081	60.103	92.083	99.063	30.595	136.95

#1	.00011	-.00006	.01953	.00027	-.00002	.00031	-.00089
#2	.00009	-.00005	.01725	.00016	.00023	.00022	.00233
#3	.00007	.00000	.00428	.00093	.00021	.00041	.00391

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00033	-.00027	.00057	-.01505	.00079	-.00234
Stddev	.00002	.02579	.00034	.00047	.01280	.00008	.00012
%RSD	215.33	7717.3	126.19	82.160	85.060	10.178	5.1818

#1	-.00004	.02941	-.00007	.00037	-.01198	.00079	-.00237
#2	.00000	-.00862	-.00008	.00023	-.02910	.00071	-.00221
#3	.00000	-.01978	-.00065	.00111	-.00406	.00087	-.00244

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01679	-.00008	.00996	F -.03450	.00295	.00000	-.00205
Stddev	.02261	.00027	.00626	.02211	.00196	.00043	.00249
%RSD	134.66	341.67	62.841	64.102	66.577	188250.	121.54

#1	.03729	-.00033	.00881	-.01206	.00345	.00045	.00042
#2	.02057	.00021	.01671	-.03516	.00078	-.00040	-.00457
#3	-.00747	-.00012	.00436	-.05627	.00461	-.00005	-.00201

Sample Name: CCB06 Acquired: 2/7/2019 18:08:37 Type: Unk
 Method: P4-ICP2(v2837) 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	.00223	-.0027	.00009	F 3.4858	F 3.3465
Stddev	.00234	.0002	.00007	.1058	.9375
%RSD	104.95	8.731	79.803	3.0345	28.015
#1	.00102	-.0025	.00004	3.6003	4.2377
#2	.00492	-.0030	.00006	3.4653	3.4332
#3	.00074	-.0027	.00017	3.3917	2.3686
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3220.3	41088.	4453.6	15.965	3915.9
Stddev	19.5	93.	62.5	1.215	7.7
%RSD	.60687	.22643	1.4042	7.6112	.19543
#1	3242.8	40990.	4525.3	16.150	3920.7
#2	3207.7	41100.	4410.4	17.077	3920.0
#3	3210.3	41175.	4425.1	14.668	3907.1

Sample Name: K1392-04 Acquired: 2/7/2019 18:13:05 Type: Unk
Method: P4-ICP2(v2837) 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	-.00147	-.01801	.04429	.00533	-.00293	21.184	.22372
Stddev	.00165	.00157	.00058	.00108	.00237	.145	.00239
%RSD	112.32	8.7294	1.3177	20.223	80.771	.68239	1.0661

#1	.00044	-.01962	.04418	.00418	-.00049	21.113	.22126
#2	-.00249	-.01648	.04491	.00550	-.00310	21.089	.22389
#3	-.00237	-.01794	.04376	.00631	-.00521	21.350	.22602

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	-.00095	87.245	.12827	.01687	.07299	35.326
Stddev	.00008	.00009	.244	.00161	.00005	.00048	.070
%RSD	11.809	9.2265	.27944	1.2516	.29876	.66011	.19870

#1	.00061	-.00094	86.986	.12903	.01681	.07337	35.302
#2	.00074	-.00087	87.470	.12643	.01690	.07245	35.270
#3	.00060	-.00105	87.280	.12937	.01689	.07315	35.405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5123	27.815	.05252	-.00108	126.00	.04332	.24432
Stddev	.0023	.182	.00021	.00042	.19	.00076	.00027
%RSD	.15055	.65520	.39355	38.548	.15397	1.7434	.11244

#1	1.5100	27.691	.05244	-.00064	126.22	.04387	.24417
#2	1.5124	27.730	.05237	-.00112	125.91	.04364	.24415
#3	1.5145	28.024	.05275	-.00147	125.86	.04246	.24464

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8962	.00391	.03373	6.2641	F 28.364	.00420	1.0293
Stddev	.0301	.00032	.01222	.0418	.029	.00046	.0064
%RSD	.38113	8.0641	36.241	.66683	.10196	11.063	.62076

#1	7.8865	.00426	.04658	6.2519	28.373	.00469	1.0253
#2	7.8721	.00381	.02225	6.2297	28.388	.00414	1.0259
#3	7.9299	.00366	.03237	6.3105	28.332	.00376	1.0367

Sample Name: K1392-04 Acquired: 2/7/2019 18:13:05 Type: Unk
 Method: P4-ICP2(v2837) 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	.03562	.6687	.27491	4.2301	F<.00000
Stddev	.00303	.0023	.00059	.1100	2.7275
%RSD	8.4973	.3431	.21447	2.5991	1.6457
#1	.03328	.6660	.27450	4.1405	-165.38
#2	.03904	.6700	.27558	4.1970	-163.21
#3	.03454	.6700	.27464	4.3528	-168.63
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3079.4	39165.	4542.5	15.369	3443.5
Stddev	11.6	141.	7.7	.924	7.3
%RSD	.37778	.35874	.17052	6.0112	.21224
#1	3067.9	39085.	4533.7	14.653	3443.3
#2	3079.2	39327.	4548.2	15.043	3436.3
#3	3091.2	39082.	4545.6	16.412	3450.9

Sample Name: K1392-05 Acquired: 2/7/2019 18:17:26 Type: Unk
Method: P4-ICP2(v2837) 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	-.00210	-.03955	.08289	.01173	-.00622	55.335	.30629
Stddev	.00170	.00135	.00088	.00159	.00195	.246	.00169
%RSD	80.961	3.4090	1.0592	13.595	31.318	.44366	.55298

#1	-.00093	-.03802	.08248	.01283	-.00800	55.276	.30475
#2	-.00131	-.04057	.08389	.00990	-.00650	55.124	.30601
#3	-.00405	-.04006	.08229	.01244	-.00414	55.604	.30810

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00187	-.00103	192.32	.07983	.03037	.06506	62.072
Stddev	.00002	.00010	1.58	.00053	.00028	.00084	.602
%RSD	1.1436	10.082	.81947	.66294	.92389	1.2904	.97023

#1	.00186	-.00092	190.50	.07922	.03062	.06486	61.462
#2	.00185	-.00112	193.12	.08012	.03007	.06598	62.666
#3	.00189	-.00106	193.33	.08015	.03041	.06434	62.088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5893	40.003	.04546	-.00269	76.331	.10874	.34454
Stddev	.0040	.462	.00026	.00041	.497	.00058	.00049
%RSD	.25099	1.1560	.57844	15.117	.65146	.53396	.14264

#1	1.5849	39.482	.04565	-.00315	75.765	.10839	.34492
#2	1.5927	40.365	.04556	-.00255	76.533	.10941	.34472
#3	1.5904	40.163	.04516	-.00238	76.696	.10842	.34399

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3968	.00974	.10026	F 31.064	F 52.174	-.00076	2.8686
Stddev	.0975	.00024	.00797	.116	.546	.00046	.0054
%RSD	1.0375	2.4125	7.9472	.37500	1.0459	60.499	.18864

#1	9.2886	.00977	.09778	31.192	51.675	-.00117	2.8624
#2	9.4240	.00996	.09383	31.034	52.757	-.00026	2.8726
#3	9.4778	.00949	.10917	30.965	52.091	-.00083	2.8708

Sample Name: K1392-05 Acquired: 2/7/2019 18:17:26 Type: Unk
 Method: P4-ICP2(v2837) 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	.07810	1.607	.45625	4.1102	F<.00000
Stddev	.00165	.002	.00352	.0719	2.7329
%RSD	2.1119	.0975	.77162	1.7489	.86711

#1	.07839	1.608	.45227	4.1855	-312.19
#2	.07633	1.607	.45754	4.0422	-315.78
#3	.07959	1.605	.45894	4.1030	-317.56

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3098.1	39208.	4608.7	14.635	3307.3
Stddev	18.1	64.	28.8	.238	15.6
%RSD	.58374	.16329	.62390	1.6272	.47169

#1	3094.1	39135.	4636.4	14.415	3291.0
#2	3082.4	39254.	4579.0	14.888	3308.9
#3	3117.9	39234.	4610.7	14.601	3322.0

Sample Name: K1392-06 Acquired: 2/7/2019 18:21:42 Type: Unk
Method: P4-ICP2(v2837) 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	-.00316	-.02130	.13210	.01135	-.01675	30.272	.50504
Stddev	.00240	.00267	.00848	.00475	.00144	.766	.02095
%RSD	75.840	12.520	6.4208	41.846	8.6207	2.5311	4.1484

#1	-.00410	-.01823	.12920	.01127	-.01520	30.806	.48114
#2	-.00044	-.02294	.14165	.00663	-.01698	29.394	.52022
#3	-.00495	-.02275	.12545	.01613	-.01806	30.616	.51378

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00121	-.00192	147.33	.03445	.03067	.10690	141.25
Stddev	.00005	.00048	5.24	.00215	.00152	.00524	3.47
%RSD	4.5085	25.073	3.5574	6.2278	4.9641	4.9005	2.4591

#1	.00118	-.00158	141.28	.03659	.02983	.10503	137.30
#2	.00117	-.00172	150.29	.03230	.03243	.11282	143.83
#3	.00127	-.00247	150.42	.03446	.02976	.10286	142.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4193	58.961	.04979	-.00503	97.232	.06350	.32483
Stddev	.0741	2.187	.00213	.00101	2.723	.00192	.01456
%RSD	3.0643	3.7084	4.2690	20.051	2.8010	3.0193	4.4829

#1	2.4892	56.455	.04902	-.00591	94.099	.06549	.31824
#2	2.3416	59.949	.05219	-.00393	99.033	.06167	.34152
#3	2.4272	60.479	.04815	-.00525	98.565	.06334	.31472

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.154	.00501	.05603	F 19.875	F 48.143	.00318	1.2385
Stddev	.304	.00053	.00346	.809	1.154	.00016	.0465
%RSD	2.7280	10.603	6.1779	4.0723	2.3979	5.0906	3.7534

#1	10.805	.00474	.05205	19.509	46.830	.00335	1.1851
#2	11.294	.00562	.05771	20.803	49.000	.00303	1.2699
#3	11.364	.00467	.05833	19.313	48.599	.00317	1.2605

Sample Name: K1392-06 Acquired: 2/7/2019 18:21:42 Type: Unk
 Method: P4-ICP2(v2837) 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	.06509	4.454	.24678	3.6561	F<.00000
Stddev	.00266	.185	.00910	.3394	7.1179
%RSD	4.0808	4.160	3.6877	9.2826	.91161
#1	.06364	4.370	.23630	3.9495	-788.85
#2	.06348	4.667	.25137	3.2844	-778.26
#3	.06816	4.326	.25268	3.7345	-775.31
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3048.7	39501.	4612.4	14.334	3219.4
Stddev	119.6	1002.	133.2	1.102	122.8
%RSD	3.9241	2.5364	2.8871	7.6855	3.8156
#1	3114.3	38554.	4761.7	13.063	3280.9
#2	2910.6	40550.	4505.8	14.996	3077.9
#3	3121.1	39397.	4569.6	14.944	3299.3

Sample Name: K1392-07 Acquired: 2/7/2019 18:25:58 Type: Unk
Method: P4-ICP2(v2837) 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	.00048	.00083	-.00273	-.00204	.00425	-.00512	.00008
Stddev	.00082	.00052	.00041	.00082	.00105	.00483	.00628	.00002
%RSD	82.806	108.13	49.195	29.908	51.706	113.69	122.56	24.631

#1	.00160	.00096	.00037	-.00202	-.00325	-.00087	-.01233	.00007
#2	.00006	-.00008	.00115	-.00256	-.00135	.00872	-.00086	.00010
#3	.00133	.00057	.00098	-.00363	-.00151	.00489	-.00218	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	2.0367	.00020	.00025	-.00025	.00063	.00123	.58117
Stddev	.00008	.0258	.00036	.00008	.00024	.00266	.00007	.02026
%RSD	197.59	1.2671	182.82	31.414	93.264	419.59	5.5396	3.4865

#1	.00001	2.0416	.00004	.00026	-.00001	.00260	.00131	.56383
#2	-.00000	2.0596	-.00006	.00032	-.00048	-.00239	.00117	.60344
#3	-.00014	2.0087	.00061	.00017	-.00027	.00170	.00122	.57624

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	.00056	1.7830	.00037	.00410	.06645	.00001	.01788
Stddev	.00020	.00057	.0077	.00028	.00027	.01570	.00012	.00451
%RSD	74.348	101.38	.43230	75.842	6.5267	23.622	1712.6	25.210

#1	.00030	.00111	1.7790	.00070	.00394	.08186	-.00001	.01736
#2	.00045	-.00003	1.7919	.00023	.00395	.05048	-.00011	.02263
#3	.00006	.00061	1.7781	.00019	.00441	.06701	.00014	.01366

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71341	.46918	-.00106	-.00092	-.00388	.0145	.01225	2.1991
Stddev	.01807	.00297	.00069	.00111	.00078	.0007	.00004	.1586
%RSD	2.5336	.63338	65.247	121.02	20.200	4.517	.29786	7.2105

#1	.73172	.46594	-.00096	-.00220	-.00299	.0138	.01222	2.2822
#2	.69558	.47178	-.00043	-.00030	-.00424	.0151	.01225	2.2987
#3	.71293	.46981	-.00180	-.00025	-.00443	.0145	.01229	2.0162

Sample Name: K1392-07 Acquired: 2/7/2019 18:25:58 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.0784
 Stddev .9475
 %RSD 30.779

#1 3.8926
 #2 2.0384
 #3 3.3041

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.6	44134.	4631.3	17.573	4236.7
Stddev	27.4	363.	10.1	.515	23.0
%RSD	.80414	.82251	.21798	2.9333	.54227

#1	3436.1	44200.	4635.0	17.327	4257.4
#2	3416.7	43742.	4619.8	18.166	4240.7
#3	3382.0	44459.	4638.9	17.227	4212.0

Sample Name: K1392-08 Acquired: 2/7/2019 18:30:25 Type: Unk
Method: P4-ICP2(v2837) 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	.02365	-.00830	.25261	.00266	.02187	8.9459	.07950
Stddev	.00069	.00128	.00108	.00201	.00037	.1042	.00411
%RSD	2.9133	15.455	.42726	75.431	1.7108	1.1644	5.1757

#1	.02317	-.00690	.25357	.00065	.02154	8.8318	.07531
#2	.02443	-.00942	.25144	.00267	.02178	8.9701	.07964
#3	.02333	-.00857	.25282	.00467	.02227	9.0359	.08354

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	.00560	104.27	.02313	.00884	.20688	18.180
Stddev	.00004	.00008	.39	.00046	.00013	.00106	.052
%RSD	7.7245	1.5103	.37348	1.9793	1.4669	.51201	.28518

#1	.00057	.00570	104.03	.02263	.00873	.20629	18.230
#2	.00057	.00554	104.72	.02353	.00898	.20810	18.185
#3	.00050	.00556	104.06	.02322	.00882	.20625	18.126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66006	24.089	.06289	-.00050	45.898	.02939	1.3168
Stddev	.00049	.299	.00039	.00031	.125	.00033	.0020
%RSD	.07355	1.2432	.62166	61.871	.27178	1.1214	.15388

#1	.65988	23.748	.06269	-.00076	45.859	.02971	1.3185
#2	.66062	24.309	.06334	-.00016	46.037	.02941	1.3145
#3	.65970	24.211	.06263	-.00057	45.797	.02905	1.3172

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9953	.08702	.03982	2.7244	F 15.662	.01109	.38740
Stddev	.0297	.00055	.00902	.0303	.042	.00059	.00279
%RSD	.74264	.63626	22.660	1.1117	.26771	5.3100	.72146

#1	3.9695	.08639	.05022	2.7174	15.691	.01094	.38418
#2	4.0277	.08730	.03404	2.6981	15.681	.01059	.38921
#3	3.9887	.08739	.03520	2.7575	15.614	.01173	.38882

Sample Name: K1392-08 Acquired: 2/7/2019 18:30:25 Type: Unk
 Method: P4-ICP2(v2837) 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	.02063	1.260	.25230	4.0021	F<.00000
Stddev	.00263	.006	.00116	.1749	1.7372
%RSD	12.748	.4879	.45942	4.3712	2.2525
#1	.02189	1.266	.25179	4.2026	-77.128
#2	.01761	1.259	.25362	3.9227	-78.858
#3	.02239	1.254	.25148	3.8809	-75.383
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3076.8	39596.	4540.3	14.986	3501.7
Stddev	9.5	252.	24.1	.816	15.2
%RSD	.30938	.63720	.53113	5.4467	.43465
#1	3066.7	39305.	4513.2	15.743	3484.2
#2	3078.0	39730.	4548.2	15.095	3509.2
#3	3085.6	39753.	4559.4	14.121	3511.7

Sample Name: K1383-01 Acquired: 2/7/2019 18:34:42 Type: Unk
Method: P4-ICP2(v2837) 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	.02780	-.06262	.55521	.00332	-.03000	233.38	1.0936
Stddev	.00074	.00362	.00372	.00332	.00106	.42	.0045
%RSD	2.6688	5.7846	.67011	99.832	3.5197	.18189	.40751

#1	.02696	-.05952	.55387	.00691	-.03048	233.08	1.0900
#2	.02804	-.06175	.55942	.00270	-.03074	233.21	1.0923
#3	.02839	-.06660	.55235	.00036	-.02879	233.87	1.0986

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01384	.01459	18.024	.08789	.14309	.20546	236.87
Stddev	.00012	.00039	.053	.00049	.00127	.00093	.94
%RSD	.83951	2.6531	.29659	.55191	.88926	.45046	.39529

#1	.01396	.01476	17.965	.08760	.14177	.20626	235.89
#2	.01373	.01486	18.036	.08763	.14431	.20568	236.97
#3	.01383	.01414	18.070	.08845	.14319	.20445	237.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5699	22.131	.13948	-.02049	2.1062	.23372	.99206
Stddev	.0094	.199	.00126	.00055	.0076	.00136	.00505
%RSD	.20535	.89887	.90426	2.7009	.35872	.58386	.50885

#1	4.5677	21.940	.13808	-.02020	2.1147	.23258	.98764
#2	4.5618	22.117	.13984	-.02113	2.1036	.23333	.99756
#3	4.5802	22.337	.14052	-.02014	2.1003	.23523	.99097

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1073	.01932	-.04283	.24235	3.0725	.03070	2.0564
Stddev	.0258	.00019	.00390	.01815	.0137	.00025	.0230
%RSD	.36257	.99698	9.1079	7.4884	.44710	.81356	1.1196

#1	7.1174	.01913	-.04733	.24053	3.0808	.03056	2.0380
#2	7.0780	.01932	-.04070	.22517	3.0566	.03098	2.0822
#3	7.1264	.01952	-.04045	.26133	3.0800	.03054	2.0489

Sample Name: K1383-01 Acquired: 2/7/2019 18:34:42 Type: Unk
Method: P4-ICP2(v2837) 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	.09100	F 11.13	-.13512	<.00000	F<.00000
Stddev	.00080	.06	.00098	.02661	9.4856
%RSD	.87772	.5776	.72615	.37324	.35874
#1	.09189	11.07	-.13405	-7.0986	-2633.3
#2	.09078	11.19	-.13535	-7.1495	-2651.0
#3	.09034	11.12	-.13597	-7.1375	-2648.1
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4936.5	62493.	7270.1	17.707	3360.4
Stddev	14.5	57.	17.5	.947	25.1
%RSD	.29418	.09147	.24055	5.3471	.74585
#1	4936.3	62498.	7290.1	18.101	3379.5
#2	4922.1	62547.	7262.3	16.626	3332.1
#3	4951.2	62433.	7257.8	18.392	3369.7

Sample Name: K1383-02 Acquired: 2/7/2019 18:39:16 Type: Unk
Method: P4-ICP2(v2837) 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	.01972	-.06822	.08510	-.00238	-.01805	152.91	.44385
Stddev	.00112	.00343	.00320	.00233	.00046	.60	.00197
%RSD	5.6622	5.0269	3.7585	97.809	2.5485	.38968	.44469

#1	.01845	-.07109	.08253	-.00378	-.01753	152.81	.44540
#2	.02057	-.06443	.08868	.00031	-.01838	153.55	.44163
#3	.02013	-.06915	.08410	-.00366	-.01825	152.37	.44453

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00795	.02487	3.4933	.02562	.11740	.14344	121.44
Stddev	.00012	.00031	.0098	.00036	.00026	.00156	1.04
%RSD	1.5031	1.2554	.27918	1.4137	.22568	1.0871	.86039

#1	.00803	.02496	3.5000	.02521	.11712	.14165	120.91
#2	.00801	.02513	3.4821	.02575	.11744	.14448	120.77
#3	.00781	.02453	3.4978	.02591	.11764	.14419	122.65

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0648	5.6846	.07116	-.01229	1.4100	.07190	.71994
Stddev	.0076	.0198	.00116	.00023	.0221	.00050	.00432
%RSD	.37055	.34832	1.6365	1.8321	1.5681	.68932	.60062

#1	2.0563	5.6713	.07090	-.01233	1.4344	.07211	.72049
#2	2.0712	5.6751	.07243	-.01249	1.3912	.07133	.72396
#3	2.0668	5.7074	.07014	-.01205	1.4044	.07226	.71536

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5632	.01827	-.02956	.06453	2.1070	.03226	1.1680
Stddev	.0096	.00013	.00261	.02505	.0184	.00024	.0067
%RSD	.26855	.73083	8.8167	38.814	.87461	.74763	.57717

#1	3.5740	.01824	-.03095	.03573	2.1093	.03237	1.1739
#2	3.5597	.01841	-.03118	.07664	2.1242	.03243	1.1695
#3	3.5559	.01814	-.02656	.08122	2.0876	.03198	1.1607

Sample Name: K1383-02 Acquired: 2/7/2019 18:39:16 Type: Unk
 Method: P4-ICP2(v2837) 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	.02010	5.734	-.09057	^ *****	F<.00000
Stddev	.00094	.028	.00145	-----	5.1973
%RSD	4.6621	.4959	1.5958	-----	.20831
#1	.02110	5.725	-.08972	^ -----	-2489.0
#2	.01994	5.766	-.08976	^ -----	-2498.6
#3	.01925	5.712	-.09224	^ -----	-2497.3
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9478.7	118590.	13639.	16.978	3384.0
Stddev	6.4	169.	42.	3.224	26.1
%RSD	.06799	.14215	.30980	18.989	.76982
#1	9474.5	118740.	13637.	15.118	3378.5
#2	9475.6	118410.	13682.	20.701	3361.1
#3	9486.1	118600.	13597.	15.116	3412.3

Sample Name: K1383-03 Acquired: 2/7/2019 18:43:51 Type: Unk
Method: P4-ICP2(v2837) 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	.02721	-.04929	.11695	-.00332	-.01790	204.04	.59009
Stddev	.00043	.00226	.00181	.00102	.00158	.11	.00237
%RSD	1.5728	4.5888	1.5490	30.847	8.8524	.05327	.40207

#1	.02690	-.05142	.11900	-.00258	-.01788	203.97	.59244
#2	.02702	-.04952	.11627	-.00288	-.01950	203.98	.59012
#3	.02770	-.04692	.11558	-.00449	-.01633	204.17	.58770

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01035	.03122	4.7669	.01357	.10482	.22743	113.26
Stddev	.00012	.00030	.0126	.00032	.00084	.00123	.08
%RSD	1.1876	.96820	.26495	2.3397	.79659	.54199	.06738

#1	.01022	.03157	4.7558	.01347	.10564	.22636	113.18
#2	.01045	.03107	4.7643	.01392	.10486	.22878	113.30
#3	.01039	.03103	4.7806	.01331	.10397	.22716	113.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3400	2.9701	.03904	-.01451	.17649	.03772	.58262
Stddev	.0019	.0164	.00054	.00011	.00286	.00009	.00522
%RSD	.14279	.55193	1.3804	.73638	1.6198	.25119	.89589

#1	1.3413	2.9652	.03885	-.01463	.17700	.03778	.58862
#2	1.3408	2.9567	.03863	-.01445	.17341	.03776	.57921
#3	1.3378	2.9884	.03966	-.01444	.17906	.03761	.58001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4600	.01617	-.03282	.11693	1.0480	.04059	.40942
Stddev	.0104	.00028	.00303	.02375	.0032	.00049	.00344
%RSD	.30047	1.7027	9.2229	20.308	.30779	1.2174	.84025

#1	3.4550	.01605	-.03160	.11050	1.0507	.04045	.40702
#2	3.4531	.01649	-.03626	.14323	1.0444	.04019	.40789
#3	3.4720	.01598	-.03059	.09707	1.0488	.04115	.41336

Sample Name: K1383-03 Acquired: 2/7/2019 18:43:51 Type: Unk
 Method: P4-ICP2(v2837) 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	.00262	7.154	-.11382	^ *****	F<.00000
Stddev	.00023	.052	.00012	-----	4.9027
%RSD	8.6364	.7208	.10906	-----	.17386

#1	.00287	7.213	-.11368	^ -----	-2825.0
#2	.00242	7.134	-.11385	^ -----	-2819.4
#3	.00257	7.116	-.11392	^ -----	-2815.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10835.	135440.	15915.	16.888	3287.3
Stddev	3.	475.	86.	1.526	26.1
%RSD	.02940	.35070	.53994	9.0377	.79360

#1	10835.	134920.	15825.	15.624	3257.3
#2	10831.	135530.	15996.	18.584	3304.8
#3	10838.	135860.	15924.	16.456	3299.8

Sample Name: K1385-01 Acquired: 2/7/2019 18:48:17 Type: Unk
Method: P4-ICP2(v2837) 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	.02365	-.04865	3.6712	.01164	-.03177	124.24	1.7106
Stddev	.00240	.00407	.0079	.00193	.00282	.89	.0171
%RSD	10.157	8.3641	.21587	16.577	8.8871	.71759	1.0017

#1	.02594	-.05313	3.6620	.01175	-.03351	123.55	1.6920
#2	.02386	-.04762	3.6761	.01352	-.02851	123.93	1.7141
#3	.02115	-.04518	3.6754	.00966	-.03327	125.24	1.7258

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00656	.00723	106.08	.27385	.10427	.58076	295.26
Stddev	.00016	.00019	.98	.00034	.00031	.00591	1.73
%RSD	2.4890	2.6810	.92145	.12495	.29361	1.0184	.58713

#1	.00668	.00746	105.21	.27379	.10421	.58758	293.37
#2	.00637	.00711	105.90	.27355	.10461	.57754	296.78
#3	.00663	.00713	107.14	.27422	.10401	.57714	295.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2934	35.583	.22664	-.01894	1.4149	.35651	2.9810
Stddev	.0251	.178	.00028	.00056	.0231	.00325	.0099
%RSD	.39859	.49907	.12413	2.9455	1.6337	.91059	.33186

#1	6.2697	35.380	.22658	-.01889	1.3891	.35787	2.9696
#2	6.2908	35.663	.22639	-.01952	1.4220	.35886	2.9871
#3	6.3196	35.707	.22694	-.01841	1.4336	.35281	2.9862

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4911	.00817	-.02319	2.9152	4.0378	.11913	2.8345
Stddev	.0336	.00042	.01615	.0042	.0310	.00149	.0189
%RSD	.35448	5.1268	69.621	.14349	.76850	1.2492	.66694

#1	9.4536	.00865	-.02897	2.9197	4.0641	.11973	2.8248
#2	9.5010	.00788	-.00495	2.9147	4.0456	.12022	2.8224
#3	9.5186	.00798	-.03566	2.9113	4.0036	.11743	2.8563

Sample Name: K1385-01 Acquired: 2/7/2019 18:48:17 Type: Unk
 Method: P4-ICP2(v2837) 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	.11444	5.897	.12556	<.00000	F<.00000
Stddev	.00240	.011	.00363	.19561	4.9662
%RSD	2.1007	.1916	2.8915	60.565	.22998
#1	.11267	5.905	.12447	-.43219	-2153.6
#2	.11346	5.884	.12260	-.43959	-2162.7
#3	.11717	5.901	.12961	-.09714	-2161.7
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3488.2	44399.	5067.2	16.161	3419.6
Stddev	10.2	21.	14.3	.410	10.4
%RSD	.29207	.04720	.28271	2.5386	.30464
#1	3480.6	44376.	5081.3	16.608	3430.7
#2	3484.3	44405.	5067.7	15.802	3410.1
#3	3499.8	44417.	5052.6	16.073	3418.0

Sample Name: K1385-01DUP Acquired: 2/7/2019 18:52:51 Type: Unk
Method: P4-ICP2(v2837) 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	.02794	-.04474	4.2883	.01729	-.02740	117.03	1.7310
Stddev	.00217	.00117	.0208	.00369	.00138	.62	.0106
%RSD	7.7747	2.6054	.48596	21.328	5.0199	.53393	.61001

#1	.02575	-.04346	4.3120	.01992	-.02597	116.88	1.7421
#2	.02797	-.04573	4.2797	.01307	-.02750	116.50	1.7298
#3	.03009	-.04502	4.2731	.01886	-.02872	117.72	1.7210

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00595	.00515	112.84	.26226	.10245	.59163	267.34
Stddev	.00018	.00013	.46	.00051	.00054	.00448	1.80
%RSD	3.0208	2.4456	.41023	.19546	.53045	.75742	.67514

#1	.00600	.00526	113.37	.26249	.10308	.58647	269.42
#2	.00610	.00519	112.49	.26167	.10209	.59391	266.33
#3	.00575	.00501	112.66	.26262	.10219	.59451	266.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1752	32.604	.19797	-.01379	1.3442	.33399	3.1999
Stddev	.0614	.060	.00059	.00019	.0082	.00106	.0147
%RSD	.99363	.18340	.29640	1.3605	.61047	.31631	.45949

#1	6.2330	32.539	.19860	-.01375	1.3536	.33519	3.2168
#2	6.1108	32.656	.19788	-.01362	1.3397	.33319	3.1908
#3	6.1817	32.617	.19743	-.01399	1.3391	.33360	3.1920

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7599	.01307	.00892	3.3025	4.5593	.16309	2.7161
Stddev	.0182	.00051	.00416	.0346	.1967	.00147	.0081
%RSD	.20813	3.8870	46.673	1.0472	4.3145	.90186	.29825

#1	8.7619	.01365	.00818	3.3166	4.6861	.16430	2.7248
#2	8.7407	.01275	.01340	3.2631	4.6592	.16145	2.7088
#3	8.7770	.01280	.00517	3.3278	4.3327	.16352	2.7146

Sample Name: K1385-01DUP Acquired: 2/7/2019 18:52:51 Type: Unk
Method: P4-ICP2(v2837) 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	.10829	5.634	.14410	.13104	F<.00000
Stddev	.00206	.025	.00097	.17040	12.807
%RSD	1.9053	.4392	.67470	130.04	.69404

#1	.11066	5.662	.14399	.31404	-1834.8
#2	.10686	5.624	.14513	-.02307	-1859.6
#3	.10736	5.616	.14319	.10214	-1841.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3468.7	44237.	5021.1	16.924	3426.1
Stddev	13.4	189.	40.5	1.697	13.2
%RSD	.38590	.42714	.80600	10.027	.38530

#1	3484.0	44030.	4975.2	18.337	3411.4
#2	3459.2	44401.	5036.6	17.393	3430.1
#3	3463.0	44281.	5051.5	15.042	3436.9

Sample Name: CCV07 Acquired: 2/7/2019 18:57:26 Type: Unk
Method: P4-ICP2(v2837) 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	5.0672	4.9543	5.0223	5.0074	5.1450	9.9259	9.6014	.24922
Stddev	.0225	.0059	.0126	.0043	.0204	.0618	.4323	.00067
%RSD	.44459	.11977	.24998	.08600	.39645	.62295	4.5025	.26803
#1	5.0678	4.9611	5.0082	5.0065	5.1450	9.8815	9.4042	.24969
#2	5.0444	4.9499	5.0321	5.0036	5.1245	9.9965	10.097	.24951
#3	5.0894	4.9520	5.0267	5.0121	5.1653	9.8997	9.3029	.24845
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4353	26.332	.99968	2.4642	1.2532	5.0669	2.5168	26.390
Stddev	.0027	1.224	.00271	.0050	.0057	.1953	.0002	1.135
%RSD	.11304	4.6496	.27085	.20216	.45233	3.8534	.00708	4.3025
#1	2.4323	25.841	1.0000	2.4592	1.2509	4.9749	2.5167	25.767
#2	2.4376	27.726	.99682	2.4644	1.2491	5.2911	2.5170	27.700
#3	2.4361	25.430	1.0022	2.4691	1.2597	4.9346	2.5167	25.702
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3894	1.2733	24.899	2.4881	2.5443	24.759	5.1742	5.1253
Stddev	.0025	.0021	1.041	.0047	.0029	1.017	.0236	.2122
%RSD	.10524	.16328	4.1817	.18744	.11491	4.1065	.45625	4.1406
#1	2.3871	1.2711	24.412	2.4913	2.5409	24.381	5.1676	5.0069
#2	2.3890	1.2751	26.094	2.4827	2.5462	25.911	5.1546	5.3703
#3	2.3921	1.2738	24.190	2.4902	2.5458	23.986	5.2004	4.9988
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7846	5.0313	4.9694	5.1829	5.1257	4.916	5.0235	F 3.7544
Stddev	.0555	.2086	.0208	.2424	.2134	.015	.2156	.0261
%RSD	1.1593	4.1454	.41763	4.6759	4.1642	.3015	4.2924	.69442
#1	4.8258	4.9323	4.9455	5.0631	5.0217	4.899	4.9260	3.7564
#2	4.8065	5.2709	4.9834	5.4618	5.3712	4.927	5.2707	3.7274
#3	4.7216	4.8906	4.9792	5.0238	4.9842	4.922	4.8739	3.7794

Sample Name: CCV07 Acquired: 2/7/2019 18:57:26 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9338
Stddev	.9342
%RSD	48.307

#1	2.8524
#2	.98481
#3	1.9643

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3162.5	40136.	4351.0	15.204	3521.7
Stddev	12.2	26.	170.6	.914	4.3
%RSD	.38532	.06366	3.9204	6.0130	.12253

#1	3167.2	40146.	4414.6	14.356	3526.5
#2	3171.6	40106.	4157.8	16.172	3520.5
#3	3148.7	40154.	4480.7	15.083	3518.2

Sample Name: CCB07 Acquired: 2/7/2019 19:01:24 Type: Unk
Method: P4-ICP2(v2837) 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	.00040	-.00018	.00085	-.00145	-.00146	.00773	-.00947
Stddev	.00236	.00060	.00047	.00076	.00144	.00667	.00639
%RSD	587.48	325.33	55.324	52.861	98.740	86.347	67.470

#1	.00285	.00010	.00056	-.00059	-.00312	.00718	-.00524
#2	-.00185	.00022	.00139	-.00207	-.00072	.01465	-.00634
#3	.00020	-.00087	.00060	-.00168	-.00054	.00134	-.01682

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00001	-.00283	.00029	.00032	-.00046	.00244
Stddev	.00002	.00007	.00516	.00026	.00021	.00022	.00159
%RSD	17.292	631.76	182.65	89.048	66.908	48.149	65.060

#1	.00010	-.00010	-.00475	.00029	.00056	-.00061	.00404
#2	.00013	.00004	-.00675	.00003	.00017	-.00056	.00243
#3	.00010	.00002	.00302	.00055	.00021	-.00020	.00086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.04447	-.00048	.00056	-.06445	.00038	-.00234
Stddev	.00001	.03554	.00028	.00023	.01013	.00022	.00006
%RSD	34.624	79.934	57.425	41.078	15.718	56.631	2.7674

#1	-.00004	.01250	-.00047	.00051	-.05821	.00055	-.00239
#2	-.00006	.08274	-.00077	.00036	-.07614	.00046	-.00226
#3	-.00003	.03816	-.00021	.00081	-.05900	.00014	-.00236

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09271	-.00010	.01936	F -.05066	.00464	-.00064	-.00018
Stddev	.02310	.00031	.00628	.00483	.00089	.00030	.00109
%RSD	24.911	314.86	32.461	9.5364	19.252	46.601	610.95

#1	-.07232	.00013	.01593	-.05623	.00535	-.00055	-.00143
#2	-.08803	.00002	.02661	-.04762	.00363	-.00040	.00058
#3	-.11779	-.00045	.01554	-.04813	.00493	-.00097	.00032

Sample Name: CCB07 Acquired: 2/7/2019 19:01:24 Type: Unk
 Method: P4-ICP2(v2837) 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	-.00101	-.0020	.00006	F 2.4415	F 2.8110
Stddev	.00163	.0013	.00011	.1077	3.2408
%RSD	161.21	61.68	181.34	4.4104	115.29
#1	.00086	-.0006	.00018	2.4436	2.5894
#2	-.00215	-.0026	-.00004	2.5480	-.31328
#3	-.00175	-.0029	.00004	2.3327	6.1569
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3279.0	42432.	4398.4	15.973	3950.2
Stddev	8.8	204.	16.3	.684	13.9
%RSD	.26695	.48041	.37103	4.2816	.35151
#1	3270.7	42213.	4404.7	16.123	3938.2
#2	3278.2	42466.	4379.8	15.227	3946.9
#3	3288.2	42616.	4410.6	16.570	3965.4

Sample Name: K1385-01LX5 Acquired: 2/7/2019 19:05:52 Type: Unk
Method: P4-ICP2(v2837) 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	.00536	-.00899	.76769	.00854	-.00796	24.009	.35105
Stddev	.00252	.00099	.00426	.00275	.00136	.377	.00285
%RSD	46.957	10.980	.55429	32.215	17.151	1.5712	.81125

#1	.00533	-.00871	.77238	.01125	-.00667	23.840	.35063
#2	.00286	-.01009	.76660	.00575	-.00939	24.441	.35408
#3	.00790	-.00818	.76408	.00861	-.00781	23.745	.34843

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00113	-.00186	23.550	.05545	.01968	.12437	75.077
Stddev	.00003	.00005	.054	.00165	.00016	.00075	.213
%RSD	2.8333	2.6942	.23107	2.9800	.79827	.60570	.28404

#1	.00110	-.00180	23.499	.05434	.01951	.12463	74.870
#2	.00116	-.00188	23.542	.05735	.01971	.12496	75.296
#3	.00113	-.00190	23.607	.05466	.01982	.12352	75.063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3532	7.4992	.03833	-.00129	.23352	.07179	.58838
Stddev	.0259	.0614	.00020	.00016	.00668	.00112	.00317
%RSD	1.9112	.81918	.51876	12.584	2.8591	1.5655	.53858

#1	1.3368	7.4796	.03855	-.00122	.22688	.07079	.59203
#2	1.3830	7.4500	.03816	-.00147	.24023	.07300	.58677
#3	1.3398	7.5681	.03827	-.00117	.23344	.07158	.58634

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8322	.00173	.02707	.52657	.95048	.02704	.58129
Stddev	.0139	.00027	.00525	.02214	.01699	.00037	.00353
%RSD	.75874	15.746	19.377	4.2038	1.7874	1.3764	.60809

#1	1.8482	.00186	.02603	.54713	.93086	.02663	.57759
#2	1.8227	.00192	.02243	.50314	.96028	.02713	.58163
#3	1.8257	.00142	.03276	.52943	.96029	.02735	.58463

Sample Name: K1385-01LX5 Acquired: 2/7/2019 19:05:52 Type: Unk
Method: P4-ICP2(v2837) 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	.02183	1.053	.01258	2.3570	F<.00000
Stddev	.00156	.004	.00036	.2724	3.3128
%RSD	7.1402	.3895	2.8793	11.557	.91612
#1	.02344	1.058	.01227	2.1959	-357.80
#2	.02032	1.052	.01248	2.6715	-363.76
#3	.02174	1.050	.01298	2.2035	-363.28
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3321.7	42456.	4532.5	15.483	3771.1
Stddev	7.8	627.	8.6	.690	19.2
%RSD	.23537	1.4771	.19008	4.4581	.50801
#1	3313.4	42713.	4522.6	14.686	3749.0
#2	3328.9	41742.	4537.3	15.873	3780.8
#3	3322.7	42915.	4537.7	15.891	3783.4

Sample Name: K1385-02 Acquired: 2/7/2019 19:10:10 Type: Unk
Method: P4-ICP2(v2837) 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	.73891	1.9232	5.0826	1.7643	.15099	140.29	2.1395
Stddev	.00214	.0054	.0293	.0036	.00340	.93	.0178
%RSD	.29015	.28166	.57654	.20191	2.2516	.66227	.83266

#1	.73680	1.9282	5.1156	1.7620	.15490	139.23	2.1533
#2	.73885	1.9239	5.0596	1.7625	.14874	140.67	2.1459
#3	.74109	1.9175	5.0726	1.7684	.14933	140.97	2.1194

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19539	.20488	116.47	.64773	.33152	1.4402	334.77
Stddev	.00119	.00049	.34	.00493	.00127	.0054	3.30
%RSD	.61157	.23684	.29440	.76157	.38207	.37778	.98462

#1	.19403	.20521	116.69	.64212	.33298	1.4445	338.25
#2	.19625	.20432	116.65	.64967	.33065	1.4341	334.36
#3	.19589	.20509	116.08	.65140	.33094	1.4420	331.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8432	36.320	.77799	.04749	4.7557	.63812	8.0982
Stddev	.0809	.091	.00334	.00062	.0402	.00508	.0432
%RSD	1.1819	.24941	.42989	1.3107	.84583	.79596	.53334

#1	6.7533	36.425	.78177	.04813	4.7869	.63226	8.1480
#2	6.9101	36.266	.77544	.04688	4.7698	.64106	8.0717
#3	6.8662	36.269	.77674	.04747	4.7103	.64105	8.0747

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.191	.41076	.30127	3.7453	8.8815	1.2765	3.4014
Stddev	.120	.00140	.01768	.0039	.1237	.0049	.0039
%RSD	.62287	.33969	5.8674	.10366	1.3932	.38116	.11475

#1	19.221	.40924	.32149	3.7496	8.9890	1.2790	3.3985
#2	19.293	.41105	.28876	3.7439	8.9093	1.2708	3.3998
#3	19.060	.41198	.29357	3.7422	8.7462	1.2795	3.4058

Sample Name: K1385-02 Acquired: 2/7/2019 19:10:10 Type: Unk
 Method: P4-ICP2(v2837) 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	.32891	F 11.67	.31487	<.00000	F<.00000
Stddev	.00250	.08	.00220	.06906	9.6250
%RSD	.76067	.7178	.69723	144.37	.39645
#1	.32981	11.77	.31233	-.12191	-2424.0
#2	.33083	11.63	.31620	.01478	-2420.7
#3	.32608	11.61	.31607	-.03638	-2438.8
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3406.9	43706.	4874.6	16.922	3321.5
Stddev	7.1	214.	31.4	.577	20.9
%RSD	.20740	.49001	.64440	3.4110	.62846
#1	3402.1	43952.	4851.3	17.004	3297.5
#2	3415.0	43601.	4862.3	16.309	3335.0
#3	3403.7	43564.	4910.3	17.454	3332.1

Sample Name: K1385-03 Acquired: 2/7/2019 19:14:38 Type: Unk
Method: P4-ICP2(v2837) 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	.74508	1.9430	5.1801	1.7758	.14764	142.33	2.1596
Stddev	.00267	.0169	.0319	.0118	.00215	.12	.0128
%RSD	.35861	.87160	.61610	.66682	1.4547	.08679	.59362

#1	.74350	1.9614	5.2137	1.7706	.14671	142.39	2.1703
#2	.74357	1.9396	5.1763	1.7893	.15010	142.19	2.1454
#3	.74816	1.9281	5.1502	1.7674	.14611	142.41	2.1630

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19738	.20734	116.69	.66136	.33748	1.4790	338.04
Stddev	.00035	.00184	.56	.00208	.00170	.0037	3.60
%RSD	.17859	.88840	.47779	.31504	.50483	.24709	1.0637

#1	.19731	.20928	116.63	.66374	.33932	1.4799	337.30
#2	.19707	.20714	116.16	.65983	.33715	1.4821	334.87
#3	.19776	.20561	117.27	.66052	.33596	1.4749	341.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9325	36.324	.79214	.04711	4.7804	.64512	8.3950
Stddev	.0186	.185	.00211	.00012	.0519	.00069	.0532
%RSD	.26779	.50793	.26585	.24809	1.0852	.10656	.63316

#1	6.9540	36.436	.79382	.04725	4.8139	.64442	8.4474
#2	6.9219	36.111	.79282	.04703	4.7206	.64580	8.3966
#3	6.9217	36.425	.78978	.04707	4.8065	.64514	8.3411

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.273	.41253	.30205	3.8080	8.8775	1.3148	3.4168
Stddev	.083	.00176	.00847	.0535	.0441	.0099	.0132
%RSD	.43031	.42596	2.8054	1.4046	.49635	.75166	.38629

#1	19.209	.41400	.30628	3.8195	8.8828	1.3240	3.4129
#2	19.243	.41301	.29229	3.8548	8.8310	1.3161	3.4060
#3	19.367	.41058	.30757	3.7497	8.9186	1.3044	3.4315

Sample Name: K1385-03 Acquired: 2/7/2019 19:14:38 Type: Unk
Method: P4-ICP2(v2837) 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	.33001	F 11.85	.31734	.25358	F<.00000
Stddev	.00173	.08	.00323	.05601	5.9673
%RSD	.52342	.6816	1.0179	22.087	.24679
#1	.33138	11.94	.32084	.31685	-2411.9
#2	.33057	11.84	.31670	.23354	-2418.1
#3	.32807	11.78	.31447	.21035	-2423.8
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3384.8	43149.	4851.8	16.474	3273.0
Stddev	7.9	100.	34.0	1.062	22.5
%RSD	.23238	.23246	.70088	6.4450	.68754
#1	3381.3	43067.	4843.6	15.248	3251.3
#2	3379.3	43261.	4889.2	17.091	3271.6
#3	3393.8	43118.	4822.7	17.084	3296.2

Sample Name: K1385-01A Acquired: 2/7/2019 19:19:07 Type: Unk
Method: P4-ICP2(v2837) 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	.74139	1.9252	5.0912	1.7689	.14783	140.83	2.1304
Stddev	.00303	.0066	.0182	.0060	.00270	.30	.0201
%RSD	.40898	.34212	.35821	.33949	1.8252	.21375	.94512

#1	.73820	1.9239	5.0709	1.7757	.14797	140.84	2.1482
#2	.74423	1.9193	5.0965	1.7665	.14507	140.52	2.1344
#3	.74174	1.9323	5.1062	1.7644	.15046	141.12	2.1086

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19594	.20614	115.94	.65177	.33275	1.4459	332.42
Stddev	.00027	.00098	.83	.00051	.00048	.0012	2.80
%RSD	.13864	.47760	.71625	.07800	.14355	.08424	.84185

#1	.19587	.20505	116.85	.65210	.33296	1.4462	335.52
#2	.19570	.20641	115.72	.65119	.33308	1.4446	331.68
#3	.19623	.20696	115.23	.65203	.33220	1.4470	330.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9060	35.852	.78377	.04607	4.7636	.63927	8.0918
Stddev	.0078	.336	.00127	.00078	.0361	.00234	.0247
%RSD	.11294	.93694	.16226	1.6950	.75734	.36602	.30482

#1	6.8992	36.156	.78230	.04697	4.7882	.63741	8.0651
#2	6.9042	35.909	.78445	.04563	4.7805	.63850	8.0966
#3	6.9145	35.491	.78455	.04562	4.7222	.64190	8.1137

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.048	.41032	.29057	3.7922	8.8601	1.2768	3.3895
Stddev	.219	.00066	.01081	.0265	.1029	.0034	.0145
%RSD	1.1486	.16025	3.7187	.69830	1.1609	.26861	.42853

#1	19.283	.41094	.30179	3.7995	8.9754	1.2801	3.3811
#2	19.012	.40963	.28023	3.8143	8.8275	1.2771	3.3811
#3	18.850	.41041	.28969	3.7629	8.7775	1.2732	3.4063

Sample Name: K1385-01A Acquired: 2/7/2019 19:19:07 Type: Unk
 Method: P4-ICP2(v2837) 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	.32720	F 11.75	.31347	.10079	F<.00000
Stddev	.00115	.03	.00192	.02766	5.7511
%RSD	.35269	.2688	.61116	27.447	.24113
#1	.32621	11.72	.31500	.13271	-2378.9
#2	.32846	11.75	.31409	.08401	-2390.2
#3	.32692	11.79	.31132	.08563	-2386.0
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3406.2	43522.	4890.7	16.470	3310.0
Stddev	8.1	48.	49.1	.464	14.9
%RSD	.23785	.11049	1.0031	2.8160	.44916
#1	3415.1	43475.	4838.4	16.933	3325.6
#2	3404.4	43571.	4898.0	16.006	3308.3
#3	3399.3	43521.	4935.7	16.471	3296.1

Sample Name: K1385-04 Acquired: 2/7/2019 19:23:35 Type: Unk
Method: P4-ICP2(v2837) 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	.02465	-.04487	20.088	.01324	-.02768	116.75	1.6329
Stddev	.00255	.00072	.053	.00394	.00295	1.63	.0717
%RSD	10.345	1.6041	.26345	29.745	10.669	1.3974	4.3893

#1	.02412	-.04460	20.068	.01736	-.02712	115.01	1.6900
#2	.02241	-.04432	20.148	.01285	-.03087	116.99	1.5525
#3	.02742	-.04568	20.048	.00952	-.02505	118.25	1.6561

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00648	.00602	93.056	.26692	.09902	.49417	278.25
Stddev	.00035	.00173	3.771	.00463	.00114	.00510	11.31
%RSD	5.3603	28.748	4.0527	1.7360	1.1490	1.0325	4.0635

#1	.00609	.00462	95.276	.26157	.09809	.49040	287.58
#2	.00677	.00796	88.702	.26950	.10029	.49998	265.68
#3	.00658	.00548	95.190	.26970	.09868	.49213	281.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6142	31.304	.20657	-.01515	1.3387	.32666	2.7690
Stddev	.1011	1.386	.00070	.00196	.0561	.00656	.0085
%RSD	1.8009	4.4280	.33656	12.965	4.1888	2.0080	.30703

#1	5.5023	31.922	.20643	-.01364	1.3827	.31909	2.7651
#2	5.6989	29.717	.20732	-.01737	1.2755	.33028	2.7788
#3	5.6414	32.274	.20595	-.01444	1.3578	.33061	2.7632

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7730	.00975	-.00933	2.7886	5.6019	.13330	2.5634
Stddev	.2862	.00029	.00744	.0162	.2292	.00033	.1137
%RSD	3.2624	2.9948	79.766	.58190	4.0921	.24782	4.4356

#1	8.9970	.00950	-.00888	2.7922	5.7841	.13369	2.6442
#2	8.4506	.00968	-.00212	2.7709	5.3445	.13311	2.4334
#3	8.8715	.01007	-.01699	2.8027	5.6772	.13312	2.6127

Sample Name: K1385-04 Acquired: 2/7/2019 19:23:35 Type: Unk
Method: P4-ICP2(v2837) 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	.10849	5.491	.09998	<.00000	F<.00000
Stddev	.00442	.022	.00530	.33578	13.076
%RSD	4.0742	.4102	5.2993	88.545	.68912
#1	.11208	5.482	.09972	-.74578	-1883.1
#2	.10355	5.517	.09481	-.30537	-1900.5
#3	.10983	5.475	.10540	-.08651	-1908.8
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3451.3	44606.	5021.1	16.686	3395.4
Stddev	13.1	634.	188.3	1.097	14.9
%RSD	.37893	1.4203	3.7500	6.5767	.43746
#1	3452.1	45336.	4882.0	15.940	3400.2
#2	3437.9	44201.	5235.3	17.946	3378.7
#3	3464.0	44281.	4946.0	16.172	3407.2

Sample Name: K1385-06 Acquired: 2/7/2019 19:28:09 Type: Unk
Method: P4-ICP2(v2837) 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	-.00576	-.03744	.07076	.01408	-.01894	45.037	.29179
Stddev	.00219	.00054	.00070	.00180	.00159	.231	.00447
%RSD	37.967	1.4418	.98377	12.753	8.4213	.51290	1.5305

#1	-.00685	-.03801	.07151	.01601	-.01742	45.183	.29076
#2	-.00719	-.03694	.07013	.01378	-.01880	44.771	.28793
#3	-.00324	-.03738	.07064	.01246	-.02060	45.158	.29668

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00259	-.00412	35.396	.14594	.05964	.15581	185.32
Stddev	.00021	.00014	.090	.00074	.00097	.00109	.72
%RSD	8.0938	3.4771	.25413	.50577	1.6186	.69962	.38866

#1	.00253	-.00416	35.461	.14529	.05983	.15691	184.99
#2	.00242	-.00425	35.294	.14578	.05860	.15473	186.14
#3	.00282	-.00397	35.434	.14674	.06050	.15577	184.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8373	25.992	.11785	-.00785	.93306	.18965	.27517
Stddev	.0029	.141	.00132	.00034	.00966	.00095	.00235
%RSD	.07610	.54205	1.1182	4.3576	1.0351	.49922	.85399

#1	3.8346	26.110	.11823	-.00749	.94399	.19070	.27725
#2	3.8370	25.836	.11638	-.00788	.92950	.18887	.27262
#3	3.8404	26.029	.11893	-.00817	.92569	.18937	.27565

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3872	.00556	.02145	.45806	4.4097	.01056	2.4646
Stddev	.0597	.00013	.00794	.00846	.0602	.00075	.0013
%RSD	.80753	2.3374	37.011	1.8460	1.3640	7.1245	.05434

#1	7.4022	.00566	.02850	.46639	4.3857	.00969	2.4641
#2	7.3214	.00541	.01285	.45829	4.4782	.01093	2.4636
#3	7.4379	.00560	.02301	.44949	4.3654	.01105	2.4662

Sample Name: K1385-06 Acquired: 2/7/2019 19:28:09 Type: Unk
 Method: P4-ICP2(v2837) 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	.05694	3.097	-.08375	1.0585	F<.00000
Stddev	.00142	.014	.00064	.0918	15.657
%RSD	2.4989	.4430	.76663	8.6706	1.4954
#1	.05678	3.105	-.08347	1.1183	-1041.0
#2	.05844	3.081	-.08448	.95283	-1064.8
#3	.05561	3.105	-.08329	1.1044	-1035.2
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3458.0	44116.	4816.1	16.184	3627.7
Stddev	14.1	87.	12.8	1.192	23.2
%RSD	.40900	.19719	.26516	7.3685	.63826
#1	3443.7	44143.	4819.6	16.384	3604.1
#2	3458.5	44185.	4802.0	17.264	3650.4
#3	3471.9	44018.	4826.8	14.904	3628.6

Sample Name: K1389-03 Acquired: 2/7/2019 19:32:22 Type: Unk
Method: P4-ICP2(v2837) 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	-.00471	-.04076	.28145	.01321	-.01988	111.19	1.0742
Stddev	.00268	.00388	.00132	.00396	.00081	.74	.0213
%RSD	56.950	9.5104	.47047	29.964	4.0591	.66954	1.9856

#1	-.00250	-.04523	.28056	.00871	-.02071	110.77	1.0659
#2	-.00769	-.03862	.28081	.01618	-.01982	112.05	1.0984
#3	-.00393	-.03843	.28297	.01472	-.01910	110.75	1.0582

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00827	-.00117	60.709	.16504	.12197	.48535	190.97
Stddev	.00009	.00021	1.179	.00138	.00052	.00044	2.78
%RSD	1.0806	17.590	1.9418	.83911	.42967	.09111	1.4563

#1	.00817	-.00111	60.098	.16414	.12139	.48585	190.95
#2	.00834	-.00140	62.068	.16434	.12242	.48513	193.77
#3	.00829	-.00100	59.961	.16663	.12210	.48505	188.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5802	47.698	.24888	-.00844	25.760	.22551	1.2070
Stddev	.0176	1.074	.00049	.00093	.404	.00070	.0027
%RSD	.31617	2.2513	.19776	11.011	1.5677	.30889	.22306

#1	5.5846	47.370	.24880	-.00772	25.603	.22472	1.2061
#2	5.5953	48.897	.24941	-.00812	26.219	.22604	1.2048
#3	5.5608	46.826	.24844	-.00949	25.458	.22577	1.2100

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.556	-.00017	.07303	3.1803	5.7627	.01768	2.2198
Stddev	.226	.00056	.02075	.0243	.0635	.00046	.0405
%RSD	1.2851	331.50	28.411	.76401	1.1010	2.6153	1.8249

#1	17.449	-.00024	.09501	3.2034	5.7554	.01725	2.1970
#2	17.815	-.00069	.07029	3.1550	5.8296	.01763	2.2665
#3	17.404	.00042	.05379	3.1824	5.7033	.01817	2.1958

Sample Name: K1389-03 Acquired: 2/7/2019 19:32:22 Type: Unk
Method: P4-ICP2(v2837) 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	.25600	7.701	.15324	<.00000	F<.00000
Stddev	.00354	.012	.00428	.20603	4.1913
%RSD	1.3834	.1552	2.7943	79.279	.35063
#1	.25422	7.709	.15038	-.11367	-1194.0
#2	.26008	7.687	.15817	-.17046	-1192.0
#3	.25370	7.707	.15119	-.49552	-1200.1
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3679.8	46608.	5123.6	16.548	3448.8
Stddev	6.3	76.	77.7	1.711	2.3
%RSD	.17227	.16281	1.5173	10.337	.06545
#1	3672.6	46620.	5148.1	18.205	3450.2
#2	3682.5	46527.	5036.6	16.649	3450.0
#3	3684.4	46677.	5186.2	14.788	3446.2

Sample Name: K1389-07 Acquired: 2/7/2019 19:36:54 Type: Unk
Method: P4-ICP2(v2837) 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	.01193	-.05748	1.8754	.01252	-.02059	142.62	1.0430
Stddev	.00450	.00194	.0027	.00208	.00475	.44	.0046
%RSD	37.747	3.3686	.14329	16.634	23.056	.31025	.43700

#1	.01606	-.05699	1.8723	.01460	-.02263	142.46	1.0380
#2	.00713	-.05584	1.8765	.01043	-.02398	142.27	1.0442
#3	.01260	-.05962	1.8774	.01254	-.01516	143.12	1.0469

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00937	.00829	138.67	.22395	.16370	1.0774	214.53
Stddev	.00010	.00034	1.09	.00064	.00053	.0041	1.44
%RSD	1.0836	4.0685	.78243	.28787	.32359	.37776	.67043

#1	.00926	.00867	137.47	.22465	.16352	1.0766	213.10
#2	.00937	.00817	138.95	.22380	.16328	1.0738	214.52
#3	.00947	.00802	139.59	.22339	.16429	1.0818	215.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7000	91.062	.36674	-.01382	42.113	.37736	2.3952
Stddev	.0052	.676	.00197	.00040	.139	.00302	.0031
%RSD	.13968	.74250	.53617	2.8731	.32981	.80103	.12857

#1	3.7015	90.470	.36866	-.01414	41.954	.38030	2.3975
#2	3.6943	90.917	.36473	-.01394	42.174	.37426	2.3965
#3	3.7043	91.799	.36682	-.01337	42.211	.37752	2.3917

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.551	.00902	.07333	6.7544	2.7480	.09845	3.3425
Stddev	.088	.00001	.01171	.0177	.0136	.00129	.0120
%RSD	.42723	.09687	15.972	.26221	.49356	1.3083	.35770

#1	20.450	.00902	.06000	6.7637	2.7382	.09953	3.3457
#2	20.611	.00902	.07801	6.7339	2.7423	.09702	3.3293
#3	20.592	.00901	.08198	6.7655	2.7635	.09879	3.3526

Sample Name: K1389-07 Acquired: 2/7/2019 19:36:54 Type: Unk
 Method: P4-ICP2(v2837) 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	.34155	7.509	.19304	<.00000	F<.00000
Stddev	.00243	.001	.00100	.06956	9.8735
%RSD	.71189	.0114	.51971	20.677	.66890
#1	.33878	7.508	.19215	-.38829	-1469.5
#2	.34255	7.510	.19284	-.25738	-1471.3
#3	.34333	7.509	.19412	-.36361	-1487.4
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3629.0	46004.	5255.2	15.299	3265.7
Stddev	.6	47.	25.1	1.095	9.9
%RSD	.01790	.10310	.47729	7.1580	.30215
#1	3628.2	45950.	5284.1	14.680	3257.0
#2	3629.3	46024.	5240.2	16.564	3263.6
#3	3629.4	46038.	5241.2	14.654	3276.4

Sample Name: K1389-11 Acquired: 2/7/2019 19:41:20 Type: Unk
Method: P4-ICP2(v2837) 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	.01129	-.03282	.38106	.01226	-.01509	82.334	.81553
Stddev	.00164	.00203	.00036	.00054	.00080	.593	.00593
%RSD	14.548	6.1782	.09327	4.3774	5.2816	.72001	.72700

#1	.01236	-.03396	.38084	.01164	-.01467	82.225	.81257
#2	.00940	-.03047	.38147	.01253	-.01460	81.804	.82236
#3	.01211	-.03401	.38088	.01261	-.01601	82.974	.81167

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00618	-.00178	27.452	.12437	.09333	.89724	157.59
Stddev	.00006	.00012	.091	.00042	.00058	.00104	1.05
%RSD	.97225	6.9622	.33011	.34034	.61731	.11605	.66597

#1	.00623	-.00181	27.395	.12480	.09274	.89826	157.83
#2	.00611	-.00189	27.557	.12396	.09389	.89727	158.50
#3	.00620	-.00164	27.405	.12435	.09338	.89618	156.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3746	32.237	.17608	-.00605	11.362	.19019	.73554
Stddev	.0315	.147	.00132	.00026	.072	.00071	.00090
%RSD	.71916	.45657	.74985	4.2780	.62992	.37176	.12195

#1	4.3816	32.067	.17457	-.00632	11.335	.19052	.73467
#2	4.3402	32.332	.17664	-.00581	11.443	.19067	.73646
#3	4.4020	32.311	.17702	-.00601	11.307	.18938	.73550

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.315	.00026	.07500	1.1300	2.5592	.03378	2.0548
Stddev	.113	.00056	.00644	.0129	.0486	.00084	.0111
%RSD	.78875	212.73	8.5889	1.1448	1.8991	2.4858	.53962

#1	14.274	-.00003	.06756	1.1449	2.5722	.03281	2.0574
#2	14.442	.00090	.07844	1.1214	2.5999	.03428	2.0644
#3	14.228	-.00009	.07898	1.1237	2.5054	.03425	2.0427

Sample Name: K1389-11 Acquired: 2/7/2019 19:41:20 Type: Unk
 Method: P4-ICP2(v2837) 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	.17635	6.660	.01917	<.00000	F<.00000
Stddev	.00354	.028	.00094	.21594	2.7479
%RSD	2.0050	.4234	4.8899	1286.7	.29672

#1	.17248	6.628	.01945	.03250	-924.24
#2	.17715	6.678	.01813	-.25310	-929.26
#3	.17941	6.675	.01994	.17026	-924.81

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3655.5	46847.	5098.5	18.159	3540.0
Stddev	6.1	209.	41.1	.408	12.1
%RSD	.16754	.44570	.80624	2.2471	.34302

#1	3648.9	46665.	5087.7	17.689	3554.0
#2	3661.0	47075.	5063.9	18.421	3532.7
#3	3656.6	46802.	5143.9	18.367	3533.2

Sample Name: K1389-15 Acquired: 2/7/2019 19:45:35 Type: Unk
Method: P4-ICP2(v2837) 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	-.01023	-.02903	.13947	.01597	-.01987	111.34	1.1899
Stddev	.00098	.00174	.00328	.00355	.00040	.38	.0020
%RSD	9.6211	6.0037	2.3485	22.259	2.0327	.33885	.16496

#1	-.01107	-.02877	.13731	.01478	-.02031	111.06	1.1887
#2	-.00915	-.03089	.14323	.01996	-.01979	111.18	1.1922
#3	-.01048	-.02743	.13785	.01316	-.01951	111.77	1.1889

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00928	-.00147	58.070	.17443	.13814	.61353	196.34
Stddev	.00007	.00035	.331	.00091	.00147	.00261	.46
%RSD	.75739	23.851	.56999	.52104	1.0614	.42560	.23609

#1	.00936	-.00163	57.746	.17535	.13768	.61117	196.39
#2	.00922	-.00107	58.407	.17353	.13979	.61633	195.86
#3	.00927	-.00170	58.056	.17442	.13696	.61309	196.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0844	58.225	.29165	-.00941	8.2818	.20708	.74134
Stddev	.0518	.132	.00217	.00027	.0260	.00121	.00927
%RSD	.73179	.22654	.74524	2.8788	.31428	.58496	1.2506

#1	7.1440	58.158	.29042	-.00957	8.3106	.20668	.74065
#2	7.0503	58.140	.29416	-.00910	8.2750	.20612	.75094
#3	7.0588	58.377	.29038	-.00956	8.2600	.20844	.73244

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.784	-.00101	.07907	.38814	3.0957	.01265	1.5624
Stddev	.059	.00010	.00256	.01109	.0184	.00050	.0076
%RSD	.29689	10.310	3.2426	2.8567	.59365	3.9809	.48954

#1	19.777	-.00102	.07659	.37759	3.1075	.01207	1.5583
#2	19.846	-.00091	.07890	.39970	3.1050	.01295	1.5577
#3	19.729	-.00112	.08171	.38714	3.0745	.01292	1.5712

Sample Name: K1389-15 Acquired: 2/7/2019 19:45:35 Type: Unk
 Method: P4-ICP2(v2837) 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	.34847	9.526	-.04752	<.00000	F<.00000
Stddev	.00224	.120	.00064	.04545	1.2065
%RSD	.64334	1.259	1.3441	8.5290	.09716
#1	.35105	9.469	-.04809	-.55572	-1240.3
#2	.34705	9.664	-.04683	-.48051	-1242.1
#3	.34730	9.446	-.04765	-.56232	-1242.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3645.7	46580.	5129.0	16.736	3415.5
Stddev	1.8	163.	21.3	.997	34.0
%RSD	.04957	.34988	.41461	5.9589	.99442
#1	3646.3	46400.	5105.2	16.656	3420.2
#2	3643.7	46718.	5135.7	15.782	3379.5
#3	3647.2	46621.	5146.1	17.772	3446.9

Sample Name: CCV08 Acquired: 2/7/2019 19:50:10 Type: Unk
Method: P4-ICP2(v2837) 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	5.1051	5.0419	5.0695	5.0927	5.2079	10.003	9.6156	.25271
Stddev	.0090	.0042	.0161	.0057	.0121	.096	.0770	.00019
%RSD	.17652	.08235	.31815	.11142	.23166	.96220	.80051	.07664
#1	5.1071	5.0394	5.0515	5.0863	5.1943	9.9127	9.6580	.25271
#2	5.1130	5.0467	5.0827	5.0946	5.2122	9.9916	9.6620	.25291
#3	5.0953	5.0395	5.0744	5.0972	5.2173	10.104	9.5268	.25252
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4711	26.479	1.0146	2.4898	1.2747	5.1363	2.5503	26.307
Stddev	.0101	.165	.0032	.0090	.0047	.0541	.0039	.085
%RSD	.40817	.62479	.32031	.36198	.36633	1.0537	.15322	.32336
#1	2.4595	26.295	1.0113	2.4794	1.2694	5.1578	2.5458	26.260
#2	2.4756	26.527	1.0147	2.4941	1.2769	5.1763	2.5528	26.406
#3	2.4781	26.615	1.0178	2.4959	1.2779	5.0747	2.5524	26.256
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4320	1.2809	25.125	2.5243	2.5620	24.806	5.2260	5.1433
Stddev	.0099	.0010	.192	.0017	.0062	.098	.0131	.0105
%RSD	.40810	.07415	.76386	.06708	.24286	.39422	.25081	.20442
#1	2.4207	1.2799	25.244	2.5226	2.5548	24.842	5.2112	5.1501
#2	2.4392	1.2818	25.227	2.5244	2.5662	24.880	5.2361	5.1312
#3	2.4360	1.2810	24.903	2.5260	2.5649	24.695	5.2308	5.1486
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8282	5.1120	5.0368	5.1535	5.0983	5.022	5.0134	F 3.7357
Stddev	.0182	.0256	.0305	.0109	.0413	.013	.0398	.0303
%RSD	.37737	.50151	.60548	.21128	.81099	.2648	.79451	.81040
#1	4.8489	5.1237	5.0020	5.1410	5.1115	5.012	5.0186	3.7012
#2	4.8207	5.1296	5.0588	5.1584	5.1314	5.037	5.0504	3.7575
#3	4.8149	5.0826	5.0497	5.1611	5.0519	5.017	4.9713	3.7485

Sample Name: CCV08 Acquired: 2/7/2019 19:50:10 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.0926
Stddev	1.9411
%RSD	38.117

#1	2.8656
#2	6.4259
#3	5.9863

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3135.7	39756.	4291.0	14.980	3487.2
Stddev	.9	62.	37.7	1.316	4.2
%RSD	.03014	.15585	.87957	8.7824	.12162

#1	3136.8	39769.	4268.1	16.347	3492.0
#2	3135.5	39689.	4270.4	13.722	3485.9
#3	3134.9	39810.	4334.6	14.872	3483.8

Sample Name: CCB08 Acquired: 2/7/2019 19:54:09 Type: Unk
Method: P4-ICP2(v2837) 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	-.00259	.00031	.00151	-.00375	-.00098	.01250	-.00747
Stddev	.00214	.00115	.00033	.00198	.00072	.00708	.00550
%RSD	82.525	373.95	21.639	52.696	72.927	56.642	73.592

#1	-.00506	-.00101	.00131	-.00406	-.00016	.02037	-.01121
#2	-.00125	.00085	.00133	-.00555	-.00144	.00664	-.00116
#3	-.00147	.00109	.00188	-.00164	-.00135	.01049	-.01003

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00004	.00942	.00014	.00017	-.00047	.00185
Stddev	.00004	.00007	.00492	.00032	.00002	.00029	.00064
%RSD	103.08	152.05	52.230	226.25	14.187	61.635	34.695

#1	.00003	.00001	.00432	.00008	.00020	-.00015	.00206
#2	.00008	-.00003	.01413	.00048	.00017	-.00070	.00236
#3	.00001	-.00012	.00980	-.00014	.00015	-.00056	.00113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.02709	-.00049	.00005	-.06889	.00057	-.00214
Stddev	.00003	.06475	.00019	.00046	.01211	.00019	.00014
%RSD	43.192	239.01	38.607	954.21	17.573	34.400	6.3704

#1	-.00008	.04191	-.00049	-.00046	-.06750	.00039	-.00225
#2	-.00003	.08314	-.00030	.00017	-.05753	.00054	-.00219
#3	-.00009	-.04378	-.00067	.00044	-.08162	.00077	-.00199

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05074	.00001	.01445	F -.02459	.00182	.00040	-.00152
Stddev	.00388	.00017	.00627	.00750	.00219	.00081	.00163
%RSD	7.6446	1804.3	43.371	30.503	120.40	199.65	107.09

#1	-.05150	-.00017	.00862	-.02511	-.00057	.00104	-.00332
#2	-.05419	.00016	.01365	-.03181	.00373	.00067	-.00110
#3	-.04654	.00004	.02107	-.01684	.00231	-.00050	-.00015

Sample Name: CCB08 Acquired: 2/7/2019 19:54:09 Type: Unk
 Method: P4-ICP2(v2837) 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	.00059	-.0014	.00015	F 2.3722	F 2.0645
Stddev	.00095	.0004	.00002	.1473	1.3523
%RSD	161.26	32.77	11.060	6.2095	65.503
#1	.00070	-.0017	.00017	2.4147	3.4689
#2	-.00041	-.0015	.00015	2.4936	1.9537
#3	.00149	-.0009	.00013	2.2083	.77103
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3272.5	41960.	4323.2	15.437	3908.6
Stddev	8.8	170.	18.9	.870	14.1
%RSD	.26777	.40459	.43634	5.6334	.36170
#1	3266.4	41816.	4310.3	16.441	3925.0
#2	3268.6	41918.	4314.5	14.959	3900.8
#3	3282.6	42147.	4344.9	14.911	3900.2

Sample Name: K1389-19 Acquired: 2/7/2019 19:58:37 Type: Unk
Method: P4-ICP2(v2837) 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	-.03957	-.07447	.29073	.01016	-.03594	252.06	2.7168
Stddev	.00358	.00139	.00581	.00581	.00077	1.45	.0731
%RSD	9.0519	1.8641	1.9982	57.188	2.1419	.57429	2.6905

#1	-.04359	-.07435	.29727	.00609	-.03558	250.39	2.6370
#2	-.03839	-.07592	.28616	.01682	-.03682	252.91	2.7805
#3	-.03673	-.07315	.28876	.00757	-.03542	252.89	2.7331

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02077	.00921	47.814	.43966	.33582	.11710	339.29
Stddev	.00027	.00137	1.201	.00111	.00360	.00128	6.36
%RSD	1.3133	14.885	2.5122	.25233	1.0735	1.0947	1.8749

#1	.02063	.01062	46.488	.44085	.33981	.11829	333.05
#2	.02059	.00789	48.830	.43866	.33485	.11728	345.77
#3	.02108	.00912	48.125	.43945	.33280	.11574	339.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.373	142.14	.61431	-.02855	8.3607	.41384	1.7299
Stddev	.063	3.52	.00310	.00147	.1895	.00151	.0124
%RSD	.51063	2.4762	.50395	5.1642	2.2659	.36532	.71539

#1	12.406	138.28	.61771	-.03025	8.1649	.41229	1.7420
#2	12.414	145.16	.61357	-.02767	8.5431	.41394	1.7305
#3	12.300	142.99	.61165	-.02772	8.3743	.41531	1.7172

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	57.903	-.00215	.01022	.48723	3.5699	.02968	3.6478
Stddev	1.299	.00035	.00350	.02586	.0391	.00143	.0789
%RSD	2.2425	16.407	34.222	5.3068	1.0952	4.8104	2.1642

#1	56.548	-.00195	.01424	.46366	3.5279	.03069	3.5571
#2	59.136	-.00195	.00857	.48313	3.6053	.03031	3.6851
#3	58.024	-.00256	.00785	.51489	3.5763	.02805	3.7012

Sample Name: K1389-19 Acquired: 2/7/2019 19:58:37 Type: Unk
 Method: P4-ICP2(v2837) 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	.80820	8.796	-.13505	<.00000	F<.00000
Stddev	.01704	.068	.00237	.10195	7.2143
%RSD	2.1087	.7692	1.7536	5.1815	.26595
#1	.78855	8.866	-.13367	-1.9832	-2721.0
#2	.81718	8.790	-.13778	-1.8586	-2708.5
#3	.81888	8.731	-.13369	-2.0607	-2708.5
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3669.6	46523.	5336.4	15.698	3144.8
Stddev	14.0	138.	101.4	1.005	20.6
%RSD	.38062	.29647	1.9009	6.3995	.65617
#1	3682.5	46418.	5434.2	15.089	3128.8
#2	3654.8	46472.	5231.7	16.857	3137.4
#3	3671.5	46679.	5343.3	15.147	3168.1

Sample Name: K1401-01 Acquired: 2/7/2019 20:03:12 Type: Unk
Method: P4-ICP2(v2837) 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	.07261	-.01222	.75480	.01725	-.01491	62.976	.62571
Stddev	.00188	.00174	.00244	.00197	.00205	.850	.00586
%RSD	2.5936	14.239	.32350	11.409	13.753	1.3494	.93587

#1	.07096	-.01409	.75201	.01574	-.01297	63.702	.63106
#2	.07466	-.01192	.75655	.01947	-.01471	63.185	.62661
#3	.07222	-.01064	.75584	.01654	-.01706	62.041	.61946

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00436	-.00170	19.644	.17928	.04456	.43971	167.56
Stddev	.00021	.00019	.117	.00286	.00020	.00086	1.83
%RSD	4.9275	11.023	.59555	1.5948	.44957	.19457	1.0951

#1	.00455	-.00183	19.698	.17951	.04439	.43872	167.63
#2	.00439	-.00177	19.724	.18202	.04478	.44023	169.36
#3	.00413	-.00148	19.510	.17632	.04451	.44017	165.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1105	16.311	.08759	-.00608	1.4708	.34002	1.5018
Stddev	.0214	.038	.00050	.00034	.0269	.00621	.0056
%RSD	1.9279	.23251	.57398	5.6233	1.8268	1.8266	.37527

#1	1.1226	16.342	.08717	-.00619	1.4862	.34269	1.4955
#2	1.1232	16.322	.08745	-.00636	1.4864	.34445	1.5035
#3	1.0858	16.269	.08815	-.00570	1.4398	.33292	1.5064

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3411	.00377	.07096	1.6252	3.7695	.03649	1.0105
Stddev	.0562	.00009	.01136	.0218	.0403	.00044	.0060
%RSD	.76566	2.2987	16.004	1.3426	1.0679	1.2182	.59044

#1	7.3439	.00384	.07332	1.6044	3.7793	.03599	1.0104
#2	7.3958	.00379	.08094	1.6233	3.8040	.03681	1.0165
#3	7.2835	.00367	.05860	1.6479	3.7253	.03669	1.0045

Sample Name: K1401-01 Acquired: 2/7/2019 20:03:12 Type: Unk
 Method: P4-ICP2(v2837) 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	.05073	4.346	-.08207	1.2130	F<.00000
Stddev	.00165	.028	.00185	.3278	6.4222
%RSD	3.2459	.6538	2.2485	27.029	.72045
#1	.05051	4.313	-.08172	1.3754	-888.00
#2	.05248	4.363	-.08406	1.4279	-898.83
#3	.04921	4.363	-.08042	.83560	-887.44
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3406.2	43825.	4666.6	16.184	3648.5
Stddev	4.6	711.	39.1	1.274	13.5
%RSD	.13472	1.6229	.83811	7.8743	.37103
#1	3402.3	43408.	4659.3	17.584	3664.1
#2	3405.0	43421.	4631.6	15.093	3639.6
#3	3411.2	44646.	4708.8	15.875	3641.8

Sample Name: K1401-03 Acquired: 2/7/2019 20:07:24 Type: Unk
Method: P4-ICP2(v2837) 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	.11183	-.00695	.40051	.02245	-.02506	128.34	.36012
Stddev	.00108	.00348	.00697	.00309	.00139	1.78	.03377
%RSD	.96647	50.094	1.7414	13.751	5.5474	1.3898	9.3779

#1	.11306	-.00467	.39616	.02141	-.02576	129.00	.38958
#2	.11143	-.00522	.39682	.02592	-.02346	129.71	.36753
#3	.11101	-.01095	.40856	.02002	-.02597	126.32	.32326

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00603	-.00143	14.374	.33686	.03297	.19787	250.66
Stddev	.00003	.00158	.916	.00243	.00032	.00378	13.87
%RSD	.42034	110.33	6.3738	.72267	.97420	1.9124	5.5331

#1	.00606	-.00276	15.229	.33722	.03262	.19379	264.30
#2	.00602	-.00184	14.487	.33909	.03326	.19855	251.09
#3	.00601	.00031	13.407	.33426	.03304	.20127	236.58

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67366	11.779	.05227	-.01542	4.2342	.55654	2.0427
Stddev	.00096	.709	.00085	.00165	.2750	.00228	.0090
%RSD	.14246	6.0199	1.6257	10.717	6.4957	.40924	.43997

#1	.67394	12.435	.05146	-.01366	4.4955	.55822	2.0415
#2	.67445	11.875	.05315	-.01565	4.2597	.55745	2.0344
#3	.67259	11.027	.05218	-.01694	3.9472	.55394	2.0523

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9960	.00408	.01439	2.9913	3.2238	.01722	.61718
Stddev	.5243	.00028	.00912	.0338	.2156	.00064	.03941
%RSD	5.2448	6.9243	63.388	1.1295	6.6870	3.6954	6.3848

#1	10.480	.00385	.01060	3.0107	3.4530	.01656	.64978
#2	10.069	.00400	.00778	2.9522	3.1934	.01783	.62837
#3	9.4392	.00440	.02480	3.0108	3.0251	.01727	.57339

Sample Name: K1401-03 Acquired: 2/7/2019 20:07:24 Type: Unk
 Method: P4-ICP2(v2837) 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	.10210	3.134	-.16064	<.00000	F<.00000
Stddev	.00755	.014	.00820	.11231	6.9654
%RSD	7.3901	.4532	5.1068	731.80	.43994
#1	.10937	3.137	-.16903	-.10459	-1579.8
#2	.10262	3.118	-.16026	.11076	-1578.7
#3	.09430	3.145	-.15264	-.05221	-1591.3
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3502.3	44307.	4917.2	17.518	3527.1
Stddev	8.7	233.	273.4	1.153	11.3
%RSD	.24862	.52528	5.5604	6.5817	.32147
#1	3499.0	44350.	4650.5	16.200	3524.4
#2	3495.7	44055.	4904.3	18.344	3539.6
#3	3512.1	44515.	5196.8	18.008	3517.4

Sample Name: K1401-05 Acquired: 2/7/2019 20:11:55 Type: Unk
 Method: P4-ICP2(v2837) 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	.04933	-.01360	.66663	.01337	-.01874	84.144	.46411
Stddev	.00346	.00154	.00442	.00224	.00133	.275	.00343
%RSD	7.0205	11.340	.66348	16.769	7.1115	.32675	.73839

#1	.05137	-.01400	.66315	.01589	-.01882	84.154	.46765
#2	.04534	-.01491	.66514	.01159	-.01737	84.413	.46388
#3	.05130	-.01190	.67161	.01264	-.02003	83.864	.46081

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00528	-.00240	24.229	.12591	.06005	.36060	180.44
Stddev	.00025	.00015	.074	.00097	.00033	.00004	.47
%RSD	4.7813	6.0887	.30416	.77141	.55741	.01185	.25852

#1	.00501	-.00234	24.241	.12539	.05971	.36061	180.01
#2	.00550	-.00229	24.296	.12703	.06008	.36063	180.38
#3	.00533	-.00256	24.150	.12530	.06037	.36055	180.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3074	16.852	.08506	-.00747	3.6721	.30604	1.0025
Stddev	.0015	.075	.00064	.00019	.0048	.00246	.0063
%RSD	.11491	.44770	.75596	2.5456	.13043	.80225	.62864

#1	1.3061	16.830	.08494	-.00732	3.6726	.30328	.99838
#2	1.3090	16.936	.08449	-.00768	3.6671	.30800	.99945
#3	1.3071	16.790	.08575	-.00740	3.6766	.30683	1.0098

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8419	.00351	.04658	1.6723	2.6600	.02457	.94511
Stddev	.0199	.00044	.00741	.0094	.0224	.00049	.00241
%RSD	.34087	12.531	15.901	.56157	.84195	1.9767	.25546

#1	5.8242	.00314	.03942	1.6824	2.6453	.02451	.94385
#2	5.8380	.00400	.05421	1.6639	2.6858	.02411	.94789
#3	5.8635	.00338	.04612	1.6706	2.6490	.02508	.94359

Sample Name: K1401-05 Acquired: 2/7/2019 20:11:55 Type: Unk
 Method: P4-ICP2(v2837) 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	.07961	4.622	.08883	.61715	F<.00000
Stddev	.00299	.023	.00112	.15688	4.2615
%RSD	3.7590	.4951	1.2566	25.421	.42123

#1	.08297	4.607	.08976	.76113	-1008.5
#2	.07861	4.612	.08914	.44995	-1010.0
#3	.07724	4.649	.08759	.64038	-1016.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3504.3	44781.	4868.1	16.869	3629.2
Stddev	5.4	135.	7.1	.891	25.3
%RSD	.15340	.30254	.14510	5.2840	.69694

#1	3499.0	44693.	4864.0	16.889	3641.1
#2	3509.7	44713.	4876.3	15.967	3646.3
#3	3504.2	44937.	4864.0	17.750	3600.1

Sample Name: K1401-07 Acquired: 2/7/2019 20:16:07 Type: Unk
Method: P4-ICP2(v2837) 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	.05648	-.01178	1.9302	.01500	-.01385	123.89	.65128
Stddev	.00123	.00088	.0051	.00264	.00103	.15	.00549
%RSD	2.1737	7.4781	.26242	17.627	7.4373	.12170	.84311

#1	.05705	-.01170	1.9359	.01227	-.01419	123.74	.64682
#2	.05507	-.01270	1.9261	.01519	-.01270	124.04	.65741
#3	.05731	-.01094	1.9285	.01754	-.01467	123.88	.64960

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00600	.00276	27.263	.20176	.05589	.29111	163.31
Stddev	.00014	.00028	.162	.00095	.00053	.00049	.54
%RSD	2.3909	10.254	.59568	.47168	.95093	.16666	.33234

#1	.00584	.00286	27.196	.20257	.05650	.29145	163.18
#2	.00605	.00245	27.448	.20071	.05555	.29132	163.91
#3	.00612	.00299	27.145	.20199	.05562	.29055	162.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3550	15.567	.07881	-.00776	3.0561	.37609	1.4556
Stddev	.0021	.123	.00112	.00055	.0160	.00025	.0051
%RSD	.15615	.78893	1.4234	7.1178	.52522	.06657	.35200

#1	1.3558	15.499	.08009	-.00776	3.0692	.37637	1.4583
#2	1.3526	15.709	.07798	-.00721	3.0608	.37602	1.4496
#3	1.3566	15.493	.07838	-.00832	3.0382	.37589	1.4587

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9016	.00381	.06183	2.5395	3.4986	.02940	.87891
Stddev	.0272	.00011	.00402	.0273	.0172	.00035	.00354
%RSD	.27465	2.9730	6.5007	1.0738	.49089	1.1969	.40239

#1	9.9301	.00372	.06018	2.5108	3.5036	.02977	.87652
#2	9.8987	.00377	.06642	2.5427	3.5128	.02907	.88298
#3	9.8760	.00393	.05891	2.5651	3.4795	.02935	.87725

Sample Name: K1401-07 Acquired: 2/7/2019 20:16:07 Type: Unk
 Method: P4-ICP2(v2837) 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	.06939	4.431	-.05354	.72492	F<.00000
Stddev	.00216	.012	.00037	.04844	4.7577
%RSD	3.1112	.2772	.68624	6.6815	.51205
#1	.06860	4.443	-.05359	.77636	-934.28
#2	.06773	4.418	-.05389	.68019	-924.90
#3	.07183	4.433	-.05316	.71820	-928.24
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3538.0	44714.	4938.6	16.023	3620.7
Stddev	10.6	30.	27.7	.831	17.6
%RSD	.29842	.06816	.56133	5.1865	.48541
#1	3529.7	44682.	4951.8	16.860	3607.7
#2	3549.9	44718.	4906.7	15.198	3640.7
#3	3534.4	44742.	4957.2	16.011	3613.6

Sample Name: K1401-09 Acquired: 2/7/2019 20:20:29 Type: Unk
Method: P4-ICP2(v2837) 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	.17836	-.01086	.35614	.01890	-.02798	103.55	.50624
Stddev	.00203	.00054	.00293	.00298	.00227	.33	.00314
%RSD	1.1366	4.9867	.82285	15.785	8.1162	.31981	.62014

#1	.17969	-.01053	.35550	.02120	-.02706	103.18	.50985
#2	.17936	-.01149	.35933	.01553	-.03057	103.66	.50473
#3	.17603	-.01056	.35358	.01995	-.02632	103.82	.50414

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00790	-.00327	13.220	.22181	.06770	.09831	271.62
Stddev	.00024	.00013	.019	.00212	.00060	.00119	1.04
%RSD	3.0661	3.9682	.14275	.95643	.88901	1.2107	.38428

#1	.00765	-.00340	13.212	.22383	.06758	.09909	272.64
#2	.00792	-.00314	13.207	.22199	.06835	.09889	271.67
#3	.00813	-.00327	13.242	.21960	.06716	.09694	270.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2201	13.613	.08502	-.01699	1.7750	.40811	.58937
Stddev	.0019	.084	.00127	.00038	.0122	.00052	.00631
%RSD	.15790	.61666	1.4889	2.2114	.68753	.12679	1.0699

#1	1.2223	13.551	.08363	-.01700	1.7617	.40843	.58410
#2	1.2189	13.580	.08609	-.01736	1.7857	.40838	.59636
#3	1.2191	13.709	.08535	-.01660	1.7775	.40751	.58765

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.298	.00150	.05002	3.8039	2.8604	.01413	.71647
Stddev	.074	.00051	.00885	.0572	.0352	.00104	.00497
%RSD	.45381	33.738	17.696	1.5042	1.2308	7.3279	.69342

#1	16.374	.00122	.05908	3.8215	2.8981	.01498	.71101
#2	16.294	.00119	.04959	3.8502	2.8546	.01298	.71767
#3	16.226	.00208	.04140	3.7399	2.8284	.01444	.72072

Sample Name: K1401-09 Acquired: 2/7/2019 20:20:29 Type: Unk
 Method: P4-ICP2(v2837) 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	.10051	4.763	-.15045	<.00000	F<.00000
Stddev	.00231	.025	.00200	.09521	5.0791
%RSD	2.2975	.5137	1.3316	12.348	.29238

#1	.10274	4.750	-.15235	-.74193	-1731.3
#2	.10066	4.791	-.15064	-.69386	-1740.2
#3	.09813	4.748	-.14835	-.87747	-1740.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3634.4	46123.	4983.9	16.355	3522.6
Stddev	6.2	107.	30.6	.184	27.1
%RSD	.16960	.23094	.61444	1.1235	.77003

#1	3631.5	46004.	4949.8	16.516	3539.6
#2	3630.2	46156.	4993.0	16.394	3491.3
#3	3641.5	46209.	5009.0	16.155	3536.9

Sample Name: K1403-01 Acquired: 2/7/2019 20:24:58 Type: Unk
Method: P4-ICP2(v2837) 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	.03048	-.01557	.09439	.01854	-.02301	156.10	.37084
Stddev	.00273	.00170	.00195	.00582	.00132	1.20	.01718
%RSD	8.9493	10.889	2.0647	31.417	5.7482	.76844	4.6333

#1	.02965	-.01365	.09226	.02207	-.02155	155.58	.38446
#2	.02827	-.01687	.09486	.01182	-.02338	155.25	.35154
#3	.03353	-.01620	.09607	.02172	-.02411	157.47	.37653

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00732	-.00370	6.3736	.19677	.02941	.06322	212.04
Stddev	.00012	.00058	.2716	.00221	.00015	.00152	6.40
%RSD	1.6528	15.700	4.2613	1.1222	.50863	2.3993	3.0207

#1	.00745	-.00434	6.6154	.19423	.02925	.06171	218.74
#2	.00721	-.00321	6.0797	.19823	.02945	.06475	205.97
#3	.00731	-.00356	6.4255	.19786	.02954	.06320	211.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96369	5.9107	.05211	-.01179	1.8147	.31268	.11495
Stddev	.00118	.1959	.00093	.00140	.0615	.00153	.00087
%RSD	.12224	3.3142	1.7926	11.847	3.3892	.48898	.75701

#1	.96446	6.0476	.05201	-.01031	1.8749	.31148	.11394
#2	.96428	5.6863	.05309	-.01308	1.7520	.31440	.11551
#3	.96233	5.9982	.05123	-.01198	1.8172	.31215	.11539

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0396	.00540	.02200	1.3567	3.5379	.01415	.95762
Stddev	.0459	.00032	.00664	.0295	.1256	.00055	.03738
%RSD	1.5090	5.9858	30.209	2.1720	3.5510	3.8973	3.9038

#1	3.0621	.00518	.02036	1.3905	3.6549	.01388	.99016
#2	2.9869	.00577	.02931	1.3434	3.4051	.01478	.91678
#3	3.0700	.00524	.01633	1.3363	3.5536	.01378	.96591

Sample Name: K1403-01 Acquired: 2/7/2019 20:24:58 Type: Unk
 Method: P4-ICP2(v2837) 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	.04940	4.625	-.18678	<.00000	F<.00000
Stddev	.00151	.027	.00517	.07277	3.0858
%RSD	3.0523	.5912	2.7687	8.8879	.23521
#1	.05103	4.641	-.19242	-.85911	-1308.7
#2	.04805	4.593	-.18227	-.73474	-1314.9
#3	.04913	4.640	-.18563	-.86238	-1312.1
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3699.4	46693.	5114.4	15.929	3593.1
Stddev	10.3	50.	170.2	.807	20.4
%RSD	.27961	.10615	3.3279	5.0656	.56679
#1	3689.0	46745.	4937.8	15.158	3582.3
#2	3709.7	46646.	5277.3	16.768	3616.6
#3	3699.5	46689.	5128.3	15.862	3580.4

Sample Name: K1338-04 Acquired: 2/7/2019 20:29:29 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-020519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00614	-.00199	.01162	-.00275	-.00151	.12117	.11347	.00002
Stddev	.00251	.00036	.00072	.00363	.00050	.01348	.00163	.00001
%RSD	40.888	18.135	6.1991	131.80	32.824	11.125	1.4358	33.747

#1	-.00342	-.00226	.01136	-.00100	-.00188	.11148	.11347	.00002
#2	-.00663	-.00214	.01243	-.00692	-.00171	.11547	.11184	.00001
#3	-.00837	-.00158	.01106	-.00033	-.00095	.13657	.11510	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	59.215	.00120	.00283	.00222	.08577	.26576	6.1059
Stddev	.00002	.400	.00023	.00022	.00066	.00223	.00054	.0384
%RSD	13.425	.67533	18.891	7.8309	29.891	2.6034	.20162	.62945

#1	-.00018	58.828	.00139	.00273	.00298	.08436	.26554	6.0624
#2	-.00015	59.627	.00125	.00267	.00192	.08834	.26536	6.1354
#3	-.00020	59.190	.00095	.00308	.00176	.08460	.26636	6.1197

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00269	-.00015	231.43	.00056	.05523	1.1729	.00001	.01702
Stddev	.00052	.00045	.76	.00045	.00005	.0165	.00013	.00515
%RSD	19.341	295.81	.32769	80.257	.08841	1.4062	1998.0	30.265

#1	.00309	-.00054	230.77	.00061	.05524	1.1560	.00011	.01266
#2	.00210	-.00024	232.25	.00009	.05527	1.1736	.00005	.02270
#3	.00289	.00033	231.25	.00098	.05517	1.1890	-.00014	.01568

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72933	2.5381	.00233	-.00244	-.00061	.0013	.21252	3.2097
Stddev	.01457	.0195	.00031	.00079	.00415	.0007	.00167	.1365
%RSD	1.9979	.76774	13.217	32.390	675.32	53.13	.78812	4.2527

#1	.72027	2.5169	.00242	-.00333	-.00536	.0018	.21077	3.3212
#2	.74614	2.5423	.00199	-.00219	.00121	.0016	.21411	3.0575
#3	.72159	2.5551	.00259	-.00181	.00231	.0005	.21268	3.2505

Sample Name: K1338-04 Acquired: 2/7/2019 20:29:29 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-06-020519 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	19.562
Stddev	1.865
%RSD	9.5339

#1	21.074
#2	17.478
#3	20.135

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3138.8	39605.	4369.5	16.765	3496.5
Stddev	6.6	185.	11.7	1.226	4.9
%RSD	.21056	.46743	.26678	7.3129	.14066

#1	3140.0	39392.	4383.0	17.045	3490.8
#2	3131.7	39733.	4362.9	17.826	3498.5
#3	3144.7	39688.	4362.7	15.423	3500.0

Sample Name: K1338-06 Acquired: 2/7/2019 20:34:01 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-020519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00391	-.00514	.00888	-.00120	-.00082	.17192	.09914	.00005
Stddev	.00105	.00158	.00081	.00169	.00208	.01407	.00605	.00007
%RSD	26.971	30.741	9.0929	140.22	252.23	8.1815	6.1040	158.96

#1	-.00360	-.00433	.00943	-.00112	-.00287	.18652	.09748	-.00003
#2	-.00304	-.00414	.00926	.00044	.00129	.17079	.10585	.00005
#3	-.00508	-.00697	.00795	-.00293	-.00089	.15846	.09410	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	42.944	.00074	.00502	.00576	.35398	.46002	7.7368
Stddev	.00011	.246	.00015	.00059	.00037	.00249	.00047	.0100
%RSD	58.547	.57342	20.098	11.726	6.4685	.70460	.10161	.12975

#1	-.00022	42.680	.00091	.00438	.00619	.35294	.46054	7.7300
#2	-.00027	43.167	.00067	.00517	.00550	.35218	.45963	7.7484
#3	-.00006	42.986	.00064	.00553	.00559	.35683	.45989	7.7321

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00393	-.00006	274.27	.00017	.03421	1.2877	-.00009	.02347
Stddev	.00020	.00007	.61	.00033	.00002	.0282	.00038	.00727
%RSD	5.1762	119.39	.22390	202.25	.05097	2.1866	416.08	30.976

#1	.00402	-.00011	273.89	-.00014	.03419	1.3194	.00033	.01763
#2	.00408	-.00010	274.98	.00011	.03423	1.2783	-.00019	.02117
#3	.00370	.00002	273.94	.00052	.03420	1.2655	-.00041	.03162

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38076	2.2254	.00201	.00266	-.00478	.0021	.16424	3.2282
Stddev	.02560	.0071	.00161	.00111	.00165	.0014	.00054	.2133
%RSD	6.7242	.31715	80.285	41.598	34.466	64.17	.32961	6.6068

#1	.36316	2.2230	.00040	.00161	-.00336	.0015	.16377	3.3273
#2	.41014	2.2198	.00199	.00381	-.00659	.0012	.16484	2.9834
#3	.36900	2.2333	.00363	.00255	-.00440	.0037	.16413	3.3738

Sample Name: K1338-06 Acquired: 2/7/2019 20:34:01 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-06-020519 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	17.960
Stddev	1.909
%RSD	10.631

#1	20.149
#2	17.095
#3	16.636

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3175.7	39659.	4428.1	15.476	3478.9
Stddev	5.5	155.	19.6	.685	9.0
%RSD	.17406	.39145	.44312	4.4275	.25788

#1	3169.6	39572.	4447.3	15.636	3468.7
#2	3177.2	39838.	4429.1	14.725	3482.7
#3	3180.4	39565.	4408.1	16.067	3485.3

Sample Name: K1356-02 Acquired: 2/7/2019 20:38:35 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-020519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00433	-.00407	.00602	.00146	-.00297	.22487	.16114	.00005
Stddev	.00189	.00054	.00037	.00130	.00053	.01029	.00263	.00004
%RSD	43.624	13.338	6.1269	88.914	18.005	4.5748	1.6351	71.743

#1	-.00231	-.00409	.00560	.00099	-.00249	.23610	.15950	.00010
#2	-.00462	-.00351	.00625	.00294	-.00354	.22261	.15973	.00004
#3	-.00606	-.00460	.00622	.00046	-.00287	.21590	.16418	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	33.316	.00049	.01514	.00632	1.8156	1.6564	3.7740
Stddev	.00015	.267	.00023	.00024	.00056	.0155	.0056	.0434
%RSD	193.91	.80241	48.122	1.5664	8.8749	.85250	.34076	1.1511

#1	-.00017	33.026	.00028	.01514	.00572	1.7978	1.6502	3.7273
#2	.00009	33.370	.00043	.01490	.00640	1.8251	1.6576	3.7814
#3	-.00015	33.552	.00074	.01537	.00683	1.8241	1.6613	3.8132

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00575	.00043	258.03	-.00117	.03258	.92050	-.00015	.02346
Stddev	.00041	.00048	1.13	.00028	.00016	.03317	.00033	.00403
%RSD	7.0823	111.81	.43606	23.480	.48939	3.6039	222.85	17.168

#1	.00549	.00092	256.83	-.00148	.03240	.93925	-.00047	.02098
#2	.00553	.00042	258.19	-.00094	.03262	.94005	-.00018	.02128
#3	.00621	-.00005	259.06	-.00110	.03271	.88219	.00020	.02810

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27851	1.9149	.00245	.00323	-.00298	.0039	.11677	3.4650
Stddev	.01249	.0340	.00054	.00356	.00049	.0018	.00055	.0881
%RSD	4.4846	1.7774	21.909	110.08	16.513	46.61	.47449	2.5416

#1	.29152	1.8885	.00304	.00410	-.00244	.0059	.11616	3.4287
#2	.27741	1.9533	.00231	.00628	-.00341	.0032	.11688	3.4009
#3	.26661	1.9029	.00199	-.00068	-.00308	.0025	.11726	3.5654

Sample Name: K1356-02 Acquired: 2/7/2019 20:38:35 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-01-020519 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.111
Stddev	1.503
%RSD	14.868

#1	10.060
#2	8.6339
#3	11.639

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3153.0	39440.	4410.2	16.470	3473.8
Stddev	13.7	82.	34.1	.694	13.6
%RSD	.43302	.20848	.77363	4.2149	.39054

#1	3161.8	39514.	4449.6	16.407	3469.1
#2	3159.9	39454.	4391.9	15.809	3463.2
#3	3137.3	39351.	4389.1	17.193	3489.1

Sample Name: CCV09 Acquired: 2/7/2019 20:43:08 Type: Unk
Method: P4-ICP2(v2837) 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	4.9628	4.9819	4.9693	4.9773	5.0701	9.7568	9.4288	.24720
Stddev	.0068	.0475	.0473	.0115	.0050	.1008	.0938	.00088
%RSD	.13787	.95307	.95246	.23077	.09890	1.0328	.99519	.35570
#1	4.9566	4.9615	4.9620	4.9891	5.0643	9.6707	9.3324	.24787
#2	4.9701	4.9480	4.9260	4.9662	5.0722	9.7322	9.5198	.24752
#3	4.9615	5.0361	5.0198	4.9765	5.0736	9.8676	9.4341	.24620
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4382	25.959	.99891	2.4432	1.2484	5.0396	2.5025	25.595
Stddev	.0230	.308	.00356	.0230	.0015	.0540	.0024	.270
%RSD	.94366	1.1868	.35601	.94210	.12212	1.0708	.09618	1.0550
#1	2.4367	25.603	1.0030	2.4384	1.2468	4.9909	2.5051	25.294
#2	2.4160	26.139	.99630	2.4230	1.2487	5.0976	2.5019	25.817
#3	2.4619	26.135	.99747	2.4683	1.2498	5.0303	2.5004	25.672
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4098	1.2505	24.855	2.4774	2.5069	24.535	5.0707	5.0320
Stddev	.0244	.0034	.245	.0018	.0227	.194	.0045	.0632
%RSD	1.0133	.27381	.98584	.07439	.90715	.79045	.08891	1.2554
#1	2.4074	1.2524	24.603	2.4757	2.5031	24.363	5.0731	4.9741
#2	2.3867	1.2466	25.092	2.4793	2.4863	24.745	5.0734	5.0994
#3	2.4353	1.2525	24.869	2.4770	2.5313	24.496	5.0655	5.0224
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7358	4.9907	4.9673	5.0198	4.9858	4.979	4.8937	F 3.2285
Stddev	.0390	.0497	.0448	.0640	.0416	.027	.0459	.1252
%RSD	.82350	.99595	.90123	1.2757	.83348	.5333	.93886	3.8783
#1	4.7214	4.9431	4.9541	4.9462	4.9418	4.968	4.8429	3.2703
#2	4.7800	5.0422	4.9306	5.0499	5.0244	4.960	4.9322	3.0877
#3	4.7061	4.9867	5.0172	5.0632	4.9914	5.010	4.9061	3.3275

Sample Name: CCV09 Acquired: 2/7/2019 20:43:08 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6139
Stddev	.4004
%RSD	24.810

#1	1.2496
#2	2.0426
#3	1.5494

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3228.6	40710.	4373.9	14.551	3547.2
Stddev	5.6	43.	39.0	.668	29.2
%RSD	.17451	.10594	.89269	4.5935	.82411

#1	3223.6	40674.	4406.6	15.318	3546.3
#2	3227.6	40757.	4330.7	14.239	3576.9
#3	3234.7	40697.	4384.5	14.095	3518.5

Sample Name: CCB09 Acquired: 2/7/2019 20:47:07 Type: Unk
Method: P4-ICP2(v2837) 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 -.00067	k -.00098	k .00140	k -.00283	k -.00060	s .00436	-.00615
Stddev	.00086	.00176	.00097	.00232	.00223	.02766	.00717
%RSD	127.16	179.50	68.824	81.964	369.53	633.78	116.59

#1	-.00156	-.00279	.00108	-.00533	.00023	-.01971	-.01361
#2	k .00015	k .00073	k .00064	k -.00241	k .00109	s .03459	-.00556
#3	-.00061	-.00089	.00249	-.00075	-.00313	-.00178	.00071

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .00000	k -.00003	k -.00724	s .00004	k .00016	k -.00028	k .00132
Stddev	.00005	.00008	.00828	.00061	.00005	.00054	.00276
%RSD	2147.6	257.82	114.23	1445.6	30.041	193.66	208.71

#1	.00003	.00006	.00070	.00020	.00016	-.00053	.00159
#2	s -.00006	k -.00010	k -.01582	s -.00064	k .00011	k .00034	k .00394
#3	.00004	-.00005	-.00661	.00056	.00021	-.00065	-.00156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s -.00012	-.01827	k -.00037	s .00030	.08565	s .00058	k -.00224
Stddev	.00003	.04478	.00032	.00014	.00985	.00017	.00009
%RSD	24.160	245.15	86.758	46.199	11.497	30.170	3.9661

#1	-.00009	.00988	-.00015	.00030	.07772	.00061	-.00232
#2	s -.00012	.00523	k -.00073	s .00043	.08256	s .00039	k -.00227
#3	-.00015	-.06991	-.00022	.00016	.09667	.00073	-.00215

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02338	-.00017	k .01063	kF -.03522	k .00127	k .00005	k -.00292
Stddev	.02497	.00010	.00184	.01212	.00250	.00050	.00074
%RSD	106.80	59.021	17.280	34.398	196.19	1020.7	25.477

#1	.04784	-.00009	.00851	-.03196	-.00102	-.00008	-.00373
#2	.02439	-.00028	k .01167	k -.04863	k .00394	k .00060	k -.00227
#3	-.00208	-.00014	.01171	-.02507	.00090	-.00037	-.00275

Sample Name: CCB09 Acquired: 2/7/2019 20:47:07 Type: Unk
 Method: P4-ICP2(v2837) 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	.00355	k .0007	k .00015	F 1.7756	F 2.2815
Stddev	.00154	.0007	.00004	.7939	2.0726
%RSD	43.350	103.7	26.469	44.712	90.844
#1	.00246	.0013	.00011	2.5263	4.4968
#2	.00288	k -.0001	k .00017	.94461	1.9578
#3	.00531	.0009	.00018	1.8559	.38975
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3336.6	^ *****	4352.7	16.520	3944.0
Stddev	25.5	-----	8.2	.667	24.4
%RSD	.76433	-----	.18938	4.0347	.61872
#1	3366.0	41618.	4360.1	16.164	3971.1
#2	3321.4	^ -----	4354.2	16.107	3936.9
#3	3322.4	42869.	4343.8	17.289	3923.9

Sample Name: K1378-02 Acquired: 2/7/2019 20:51:35 Type: Unk
Method: P4-ICP2(v2837) 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	-.00263	-.00107	.00539	-.00111	-.00279	.63487	.02140	.00002
Stddev	.00230	.00140	.00023	.00120	.00189	.00409	.00364	.00004
%RSD	87.548	131.84	4.2344	107.55	67.817	.64479	16.992	214.49
#1	-.00136	.00039	.00524	-.00200	-.00078	.63950	.01856	-.00002
#2	-.00124	-.00118	.00528	-.00159	-.00454	.63336	.02013	.00006
#3	-.00529	-.00241	.00565	.00025	-.00305	.63175	.02550	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	18.552	.00091	.00801	.09088	.14370	.01029	3.0995
Stddev	.00004	.103	.00044	.00008	.00048	.00095	.00004	.0251
%RSD	89.880	.55450	48.842	1.0440	.53146	.66283	.36869	.80929
#1	-.00000	18.487	.00087	.00809	.09096	.14469	.01029	3.1173
#2	-.00009	18.499	.00137	.00802	.09133	.14280	.01033	3.0708
#3	-.00005	18.671	.00048	.00793	.09037	.14361	.01025	3.1104
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	.00011	59.869	.00175	.15569	231.67	.01289	.02922
Stddev	.00052	.00031	.596	.00041	.00047	2.37	.00022	.01271
%RSD	30.630	291.12	.99603	23.254	.30484	1.0232	1.6709	43.494
#1	.00163	-.00023	60.417	.00154	.15608	233.82	.01268	.02628
#2	.00224	.00038	59.234	.00222	.15516	229.12	.01290	.01823
#3	.00121	.00016	59.955	.00148	.15582	232.05	.01311	.04313
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 61.272	3.4826	-.02107	.04052	-.00211	1.803	.05098	2.7994
Stddev	.177	.0421	.00102	.00226	.00193	.006	.00022	.1704
%RSD	.28908	1.2101	4.8207	5.5864	91.293	.3288	.43592	6.0884
#1	61.442	3.5086	-.02077	.03879	.00011	1.810	.05074	2.9355
#2	61.284	3.4340	-.02024	.03968	-.00337	1.802	.05105	2.8546
#3	61.088	3.5053	-.02220	.04308	-.00307	1.798	.05116	2.6083

Sample Name: K1378-02 Acquired: 2/7/2019 20:51:35 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.471
Stddev	1.018
%RSD	9.7234

#1	10.136
#2	11.615
#3	9.6630

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3257.5	40588.	4430.5	15.584	3592.8
Stddev	29.8	294.	53.7	.482	18.3
%RSD	.91616	.72376	1.2128	3.0958	.50867

#1	3274.4	40457.	4402.6	15.895	3597.0
#2	3275.0	40383.	4492.4	15.028	3608.6
#3	3223.0	40925.	4396.4	15.830	3572.8

Sample Name: K1402-01 Acquired: 2/7/2019 20:55:56 Type: Unk
Method: P4-ICP2(v2837) 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	.00015	-.00126	.02873	.00157	.01531	1.5807	.02587	.00016
Stddev	.00184	.00245	.00172	.00184	.00210	.1222	.00335	.00003
%RSD	1246.2	194.92	5.9785	117.24	13.689	7.7335	12.936	20.124
#1	.00201	-.00068	.02768	-.00045	.01290	1.5101	.02377	.00012
#2	-.00166	.00085	.03071	.00202	.01630	1.7219	.02973	.00017
#3	.00009	-.00394	.02779	.00314	.01673	1.5101	.02411	.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00285	13.980	.01059	.00342	.13218	4.4609	.09934	2.8710
Stddev	.00008	.146	.00081	.00023	.00053	.0102	.00708	.0452
%RSD	2.9285	1.0432	7.6747	6.6548	.40384	.22912	7.1321	1.5756
#1	.00295	13.993	.01043	.00367	.13194	4.4494	.09600	2.8254
#2	.00279	13.828	.01147	.00339	.13279	4.4641	.10747	2.9159
#3	.00282	14.119	.00986	.00321	.13181	4.4691	.09454	2.8719
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01897	.00068	437.29	.00527	.42851	13.506	.01663	.21350
Stddev	.00018	.00061	1.93	.00083	.00115	.139	.00034	.00244
%RSD	.92466	90.533	.44174	15.690	.26911	1.0324	2.0311	1.1437
#1	.01903	.00003	438.07	.00509	.42944	13.586	.01656	.21344
#2	.01877	.00076	435.09	.00617	.42887	13.345	.01700	.21597
#3	.01910	.00125	438.71	.00455	.42722	13.587	.01634	.21108
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.784	F 19.331	.00101	.00773	.03855	2.874	.12246	4.5758
Stddev	.054	.062	.00137	.00290	.00073	.011	.00160	.9595
%RSD	.23534	.32133	135.67	37.574	1.8936	.3691	1.3092	20.969
#1	22.825	19.394	.00224	.01073	.03828	2.862	.12332	4.2512
#2	22.724	19.270	.00125	.00752	.03799	2.880	.12061	5.6554
#3	22.804	19.328	-.00046	.00493	.03937	2.881	.12346	3.8207

Sample Name: K1402-01 Acquired: 2/7/2019 20:55:56 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0214
Stddev	1.4156
%RSD	138.60

#1	2.6137
#2	-.09464
#3	.54509

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3104.9	36327.	4249.0	15.154	3300.5
Stddev	11.6	2398.	28.1	1.100	10.7
%RSD	.37386	6.6012	.66100	7.2613	.32279

#1	3093.8	37351.	4225.4	16.295	3291.8
#2	3104.0	33587.	4280.0	15.066	3297.2
#3	3117.0	38042.	4241.5	14.100	3312.4

Sample Name: K1402-01DUP Acquired: 2/7/2019 21:00:26 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00034	.02796	.00279	.01377	1.5072	.02522	.00010
Stddev	.00261	.00379	.00050	.00340	.00122	.0098	.00546	.00003
%RSD	44935.	1123.1	1.7836	121.85	8.8775	.64800	21.634	31.414
#1	.00301	-.00322	.02759	.00395	.01237	1.4971	.02117	.00006
#2	-.00156	.00396	.02853	-.00104	.01466	1.5077	.03142	.00011
#3	-.00143	-.00175	.02777	.00547	.01427	1.5166	.02305	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00272	13.942	.01058	.00310	.13187	4.3830	.09447	2.9084
Stddev	.00008	.051	.00015	.00023	.00043	.0242	.00007	.0504
%RSD	3.0941	.36734	1.3750	7.3539	.32677	.55289	.07438	1.7342
#1	.00269	13.912	.01071	.00290	.13206	4.3651	.09455	2.8647
#2	.00266	14.001	.01062	.00305	.13217	4.4106	.09446	2.9636
#3	.00282	13.912	.01042	.00335	.13137	4.3734	.09441	2.8970
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01888	.00037	436.90	.00459	.42439	13.265	.01631	.20894
Stddev	.00040	.00036	2.87	.00092	.00064	.038	.00018	.00143
%RSD	2.1049	96.231	.65627	20.159	.15169	.28988	1.1098	.68300
#1	.01932	.00017	437.61	.00557	.42373	13.269	.01652	.20795
#2	.01854	.00016	439.34	.00374	.42502	13.302	.01618	.20830
#3	.01879	.00079	433.74	.00444	.42443	13.225	.01624	.21058
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.646	F 19.196	.00134	.00657	.03802	2.852	.12177	4.0126
Stddev	.064	.119	.00022	.00267	.00314	.006	.00047	.1053
%RSD	.28475	.62073	16.817	40.600	8.2532	.2095	.38378	2.6244
#1	22.657	19.122	.00146	.00537	.03974	2.852	.12146	3.9061
#2	22.577	19.333	.00147	.00471	.03440	2.846	.12230	4.1167
#3	22.705	19.133	.00108	.00963	.03992	2.858	.12154	4.0150

Sample Name: K1402-01DUP Acquired: 2/7/2019 21:00:26 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.51790
%RSD	55.750

#1	-.62982
#2	-1.5270
#3	-.63010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3095.7	37674.	4254.3	16.067	3299.3
Stddev	25.5	33.	24.5	.686	22.9
%RSD	.82441	.08881	.57502	4.2673	.69312

#1	3124.5	37680.	4258.0	16.739	3324.4
#2	3076.0	37637.	4228.2	15.368	3279.6
#3	3086.7	37703.	4276.7	16.093	3293.9

Sample Name: K1402-01LX5 Acquired: 2/7/2019 21:04:56 Type: Unk
Method: P4-ICP2(v2837) 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	-.00020	-.00038	.00682	-.00006	.00129	.30103	.00159	-.00003
Stddev	.00241	.00118	.00099	.00504	.00139	.00745	.00360	.00003
%RSD	1179.8	309.92	14.504	8786.6	107.53	2.4763	226.58	97.160

#1	-.00292	-.00173	.00568	.00575	.00088	.30123	.00344	-.00006
#2	.00061	.00044	.00734	-.00272	.00283	.30838	-.00256	-.00000
#3	.00170	.00015	.00743	-.00320	.00015	.29347	.00388	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	2.9346	.00208	.00085	.02855	.95737	.01976	.60046
Stddev	.00011	.0488	.00010	.00014	.00036	.00815	.00012	.03309
%RSD	22.707	1.6622	4.8875	16.824	1.2493	.85115	.59550	5.5114

#1	.00062	2.8906	.00207	.00085	.02882	.94923	.01968	.59174
#2	.00047	2.9260	.00199	.00070	.02868	.95736	.01989	.63704
#3	.00040	2.9870	.00219	.00099	.02815	.96552	.01970	.57260

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00313	-.00024	115.15	.00134	.08311	3.1844	.00349	.04342
Stddev	.00048	.00076	1.03	.00049	.00040	.0182	.00032	.00663
%RSD	15.278	317.49	.89027	36.901	.48104	.57066	9.2477	15.260

#1	.00362	-.00097	114.39	.00093	.08350	3.2022	.00342	.03855
#2	.00266	.00055	114.76	.00189	.08270	3.1659	.00320	.04076
#3	.00312	-.00030	116.32	.00120	.08314	3.1851	.00384	.05097

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4682	4.2555	.00070	.00146	.01920	.5607	.02570	2.8997
Stddev	.0287	.0116	.00087	.00160	.00264	.0017	.00028	.0795
%RSD	.64280	.27311	124.68	109.85	13.746	.3090	1.0725	2.7403

#1	4.4641	4.2438	-.00007	.00012	.01619	.5588	.02539	2.9502
#2	4.4418	4.2670	.00164	.00324	.02027	.5622	.02591	2.9407
#3	4.4988	4.2557	.00052	.00102	.02113	.5612	.02581	2.8081

Sample Name: K1402-01LX5 Acquired: 2/7/2019 21:04:56 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.8002
Stddev	1.1391
%RSD	63.277

#1	3.0914
#2	.93754
#3	1.3715

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3186.1	40012.	4323.7	16.424	3575.4
Stddev	19.8	78.	22.0	.323	5.0
%RSD	.62250	.19603	.50772	1.9666	.13915

#1	3189.3	39923.	4319.9	16.439	3570.3
#2	3164.9	40043.	4347.3	16.094	3575.5
#3	3204.2	40070.	4303.9	16.740	3580.3

Sample Name: K1402-01MS Acquired: 2/7/2019 21:09:22 Type: Unk
Method: P4-ICP2(v2837) 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	.87789	2.1096	1.1013	2.2188	.88978	3.7738	.23358
Stddev	.00189	.0095	.0025	.0032	.00289	.0509	.00177
%RSD	.21518	.45013	.22621	.14645	.32431	1.3487	.75581

#1	.87789	2.0991	1.1007	2.2163	.89311	3.7565	.23475
#2	.87600	2.1176	1.0992	2.2225	.88823	3.7338	.23155
#3	.87978	2.1121	1.1040	2.2176	.88801	3.8311	.23444

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22654	.21933	14.869	.44930	.22285	.45898	7.3544
Stddev	.00077	.00037	.012	.00122	.00109	.00063	.0704
%RSD	.33827	.16865	.08322	.27150	.49115	.13684	.95708

#1	.22605	.21895	14.855	.44908	.22172	.45970	7.4021
#2	.22613	.21969	14.877	.44821	.22293	.45862	7.3876
#3	.22742	.21934	14.874	.45062	.22391	.45861	7.2736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30956	5.0469	.56312	.08105	430.83	.33431	.80825
Stddev	.00024	.0211	.00122	.00063	6.14	.00170	.00244
%RSD	.07798	.41857	.21686	.77293	1.4260	.50740	.30190

#1	.30929	5.0594	.56182	.08169	427.36	.33402	.80833
#2	.30974	5.0587	.56425	.08101	437.92	.33614	.80578
#3	.30966	5.0225	.56329	.08044	427.21	.33278	.81066

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.557	.44889	.53561	F 22.216	F 19.715	.78951	.22847
Stddev	.287	.00044	.01072	.098	.164	.00272	.00256
%RSD	1.2184	.09771	2.0022	.44193	.83334	.34413	1.1215

#1	23.722	.44940	.54725	22.103	19.771	.78780	.22751
#2	23.723	.44866	.53345	22.282	19.845	.78810	.22654
#3	23.225	.44862	.52613	22.262	19.531	.79265	.23138

Sample Name: K1402-01MS Acquired: 2/7/2019 21:09:22 Type: Unk
Method: P4-ICP2(v2837) 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	.25845	9.638	.32298	3.9331	F<.00000
Stddev	.00031	.040	.00246	.0244	2.0533
%RSD	.11844	.4166	.76014	.62085	8.1809
#1	.25874	9.595	.32353	3.9290	-25.436
#2	.25813	9.646	.32512	3.9109	-22.898
#3	.25849	9.674	.32030	3.9592	-26.962
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3130.0	38228.	4275.7	16.761	3288.8
Stddev	8.2	67.	39.2	1.166	8.6
%RSD	.26272	.17463	.91752	6.9536	.26031
#1	3125.2	38302.	4269.6	17.404	3290.6
#2	3139.5	38172.	4239.9	15.416	3296.3
#3	3125.2	38210.	4317.6	17.464	3279.4

Sample Name: K1402-01MSD Acquired: 2/7/2019 21:13:35 Type: Unk
Method: P4-ICP2(v2837) 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	.88387	2.1193	1.1077	2.2394	.89985	3.8059	.24431
Stddev	.00035	.0030	.0010	.0091	.00045	.0386	.00095
%RSD	.03930	.14139	.08811	.40649	.04962	1.0139	.38978

#1	.88361	2.1191	1.1087	2.2425	.89954	3.7675	.24540
#2	.88374	2.1164	1.1075	2.2292	.89964	3.8056	.24389
#3	.88427	2.1224	1.1068	2.2466	.90036	3.8447	.24364

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22822	.22037	14.994	.44993	.22400	.46039	7.3883
Stddev	.00091	.00032	.082	.00051	.00032	.00055	.0178
%RSD	.39852	.14369	.54624	.11340	.14356	.11864	.24099

#1	.22888	.22004	14.909	.45028	.22365	.46016	7.3807
#2	.22719	.22068	15.001	.44934	.22407	.46101	7.4086
#3	.22860	.22038	15.073	.45016	.22428	.45999	7.3755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31133	5.0910	.56468	.08154	430.43	.33891	.79797
Stddev	.00134	.0839	.00177	.00067	.99	.00120	.00227
%RSD	.42887	1.6472	.31272	.82626	.22958	.35294	.28385

#1	.31133	5.0095	.56266	.08113	429.53	.33754	.79993
#2	.30999	5.0866	.56590	.08117	430.26	.33946	.79549
#3	.31266	5.1770	.56549	.08232	431.49	.33973	.79850

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.851	.45379	.53945	F 22.424	F 19.892	.79612	.23084
Stddev	.087	.00027	.00590	.066	.092	.00212	.00125
%RSD	.36545	.05958	1.0934	.29208	.46336	.26676	.54232

#1	23.950	.45410	.53788	22.382	19.994	.79430	.23152
#2	23.818	.45359	.53450	22.390	19.867	.79560	.22939
#3	23.786	.45369	.54598	22.499	19.815	.79845	.23160

Sample Name: K1402-01MSD Acquired: 2/7/2019 21:13:35 Type: Unk
Method: P4-ICP2(v2837) 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	.25921	9.703	.32519	4.0480	F<.00000
Stddev	.00299	.032	.00093	.0224	2.0273
%RSD	1.1527	.3302	.28561	.55345	8.0934

#1	.26181	9.694	.32419	4.0686	-26.277
#2	.25595	9.677	.32603	4.0512	-26.160
#3	.25988	9.739	.32534	4.0242	-22.709

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3114.3	37942.	4238.3	15.048	3281.3
Stddev	16.7	31.	18.2	1.057	14.4
%RSD	.53720	.08047	.42941	7.0253	.43981

#1	3095.0	37962.	4222.7	13.850	3265.2
#2	3123.6	37907.	4233.9	15.848	3293.0
#3	3124.4	37958.	4258.3	15.446	3285.8

Sample Name: K1402-01A Acquired: 2/7/2019 21:17:49 Type: Unk
Method: P4-ICP2(v2837) 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	.87758	2.0978	1.0972	2.2147	.89064	3.8029	.23951
Stddev	.00543	.0048	.0020	.0176	.00622	.0205	.00198
%RSD	.61892	.22686	.18314	.79416	.69871	.53949	.82725

#1	.87549	2.0986	1.0990	2.2001	.88380	3.7978	.24160
#2	.88375	2.1021	1.0974	2.2342	.89596	3.7854	.23766
#3	.87351	2.0927	1.0950	2.2097	.89217	3.8255	.23929

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22531	.21793	14.771	.44790	.22183	.46101	7.2462
Stddev	.00037	.00078	.074	.00176	.00049	.00256	.0714
%RSD	.16517	.35759	.50317	.39191	.22253	.55532	.98526

#1	.22534	.21879	14.686	.44713	.22240	.45899	7.1676
#2	.22492	.21774	14.808	.44667	.22161	.46389	7.3069
#3	.22567	.21726	14.821	.44991	.22149	.46015	7.2642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30757	5.0593	.55836	.08099	420.82	.33314	.80615
Stddev	.00009	.0487	.00047	.00014	3.43	.00037	.00340
%RSD	.02966	.96308	.08435	.17024	.81455	.11126	.42232

#1	.30767	5.0085	.55878	.08086	417.09	.33296	.80958
#2	.30751	5.0638	.55785	.08113	423.83	.33357	.80277
#3	.30752	5.1057	.55846	.08099	421.54	.33290	.80610

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.268	.45020	.54389	F 22.147	F 19.487	.78500	.22901
Stddev	.183	.00229	.01540	.024	.168	.00079	.00051
%RSD	.78452	.50809	2.8315	.10942	.86388	.10117	.22139

#1	23.058	.44906	.54049	22.129	19.336	.78430	.22843
#2	23.365	.45284	.56070	22.137	19.669	.78586	.22923
#3	23.382	.44871	.53047	22.174	19.456	.78483	.22936

Sample Name: K1402-01A Acquired: 2/7/2019 21:17:49 Type: Unk
 Method: P4-ICP2(v2837) 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	.25794	9.571	.31814	4.1648	F<.00000
Stddev	.00161	.014	.00461	.0940	.57105
%RSD	.62498	.1450	1.4502	2.2562	2.2620
#1	.25647	9.583	.31326	4.1130	-24.970
#2	.25966	9.556	.32243	4.1081	-25.902
#3	.25769	9.575	.31872	4.2732	-24.865
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3083.3	37830.	4287.6	15.720	3264.3
Stddev	15.2	90.	36.2	.447	14.9
%RSD	.49376	.23769	.84401	2.8463	.45598
#1	3086.7	37862.	4322.8	15.394	3247.5
#2	3066.6	37900.	4250.5	16.230	3275.6
#3	3096.5	37729.	4289.5	15.535	3269.8

Sample Name: K1338-02 Acquired: 2/7/2019 21:22:02 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-020519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00416	-.00019	.01071	.00131	-.00046	.09419	.10258	.00002
Stddev	.00053	.00277	.00055	.00252	.00286	.00582	.00308	.00002
%RSD	12.811	1495.4	5.1691	192.99	621.91	6.1761	3.0045	83.431
#1	-.00406	-.00067	.01007	.00416	-.00167	.09233	.10614	.00003
#2	-.00368	-.00268	.01111	-.00060	-.00252	.10071	.10062	.00000
#3	-.00473	.00279	.01093	.00036	.00280	.08953	.10100	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	22.978	.00057	.00522	.00427	.12554	.30452	5.5120
Stddev	.00014	.104	.00031	.00013	.00040	.00313	.00072	.0950
%RSD	8121.2	.45266	54.215	2.3986	9.3835	2.4900	.23593	1.7241
#1	-.00003	22.859	.00071	.00509	.00397	.12648	.30378	5.4184
#2	.00015	23.052	.00079	.00534	.00472	.12809	.30457	5.6084
#3	-.00012	23.022	.00022	.00522	.00410	.12206	.30522	5.5091
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00312	.00026	266.81	.00040	.04327	.96401	.00020	.01641
Stddev	.00023	.00053	1.13	.00031	.00002	.04394	.00021	.00177
%RSD	7.4969	204.33	.42464	76.710	.05235	4.5585	103.44	10.802
#1	.00285	-.00009	266.00	.00017	.04329	.97558	-.00003	.01438
#2	.00330	.00000	266.34	.00029	.04325	1.0010	.00037	.01767
#3	.00321	.00087	268.11	.00075	.04326	.91544	.00027	.01716
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25931	.83355	.00299	.00056	-.00314	.0141	.08109	3.3841
Stddev	.02090	.00795	.00081	.00248	.00061	.0010	.00027	.1093
%RSD	8.0609	.95409	27.181	442.29	19.513	6.821	.33407	3.2287
#1	.25877	.82437	.00385	-.00203	-.00258	.0131	.08090	3.4014
#2	.23868	.83795	.00287	.00291	-.00304	.0150	.08140	3.4837
#3	.28048	.83834	.00224	.00079	-.00379	.0141	.08096	3.2672

Sample Name: K1338-02 Acquired: 2/7/2019 21:22:02 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-06-020519 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.274
Stddev	1.525
%RSD	9.9849

#1	13.955
#2	16.944
#3	14.923

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3142.5	38924.	4291.5	15.553	3449.3
Stddev	13.7	148.	20.7	1.024	8.3
%RSD	.43465	.37916	.48246	6.5862	.23966

#1	3147.7	38781.	4310.4	15.450	3444.8
#2	3152.8	38914.	4269.4	16.625	3444.3
#3	3127.0	39076.	4294.8	14.584	3458.9

Sample Name: K1338-02DUP Acquired: 2/7/2019 21:26:36 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-020519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00202	-.00320	.01042	.00018	-.00149	.10274	.10099	.00002
Stddev	.00285	.00031	.00140	.00135	.00085	.01390	.00245	.00001
%RSD	140.92	9.7116	13.454	755.14	57.257	13.526	2.4275	39.762

#1	-.00202	-.00338	.00885	-.00138	-.00156	.08670	.10337	.00002
#2	-.00488	-.00337	.01087	.00105	-.00060	.11123	.10112	.00001
#3	.00082	-.00284	.01154	.00087	-.00230	.11029	.09847	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	23.594	.00050	.00511	.00441	.13014	.31135	5.6658
Stddev	.00006	.148	.00021	.00019	.00028	.00178	.00023	.0932
%RSD	199.87	.62671	42.574	3.7900	6.4162	1.3646	.07301	1.6453

#1	-.00010	23.644	.00051	.00533	.00468	.13205	.31160	5.6522
#2	.00002	23.710	.00029	.00506	.00412	.12854	.31117	5.7650
#3	-.00001	23.428	.00072	.00495	.00443	.12984	.31127	5.5800

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00302	-.00014	271.98	.00004	.04370	.95685	-.00018	.00763
Stddev	.00023	.00020	.66	.00010	.00009	.03096	.00013	.01861
%RSD	7.6096	145.20	.24374	219.53	.20224	3.2360	74.036	243.85

#1	.00328	.00001	271.72	.00011	.04363	.98008	-.00027	-.01158
#2	.00286	-.00037	272.73	.00009	.04366	.96877	-.00003	.02557
#3	.00292	-.00006	271.48	-.00007	.04380	.92170	-.00025	.00890

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21738	.84347	.00188	-.00056	-.00427	.0102	.08338	3.4608
Stddev	.01000	.01096	.00018	.00155	.00152	.0013	.00040	.1224
%RSD	4.6017	1.2994	9.6448	276.88	35.515	12.43	.47399	3.5363

#1	.22867	.84783	.00188	-.00119	-.00324	.0109	.08346	3.5943
#2	.20960	.85158	.00206	-.00169	-.00601	.0087	.08373	3.3539
#3	.21388	.83100	.00170	.00120	-.00355	.0109	.08295	3.4343

Sample Name: K1338-02DUP Acquired: 2/7/2019 21:26:36 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-020519 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	16.506
Stddev	1.006
%RSD	6.0957

#1	15.409
#2	17.386
#3	16.724

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3171.5	39196.	4334.7	15.261	3467.1
Stddev	5.9	180.	29.5	1.840	7.0
%RSD	.18468	.46005	.68092	12.055	.20303

#1	3176.1	38991.	4305.1	16.434	3474.6
#2	3173.5	39330.	4334.9	13.141	3465.8
#3	3164.9	39267.	4364.2	16.209	3460.7

Sample Name: K1338-02LX5 Acquired: 2/7/2019 21:31:11 Type: Unk
Method: P4-ICP2(v2837) 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	.00028	-.00085	.00380	-.00223	-.00024	.02015	.01838	.00002
Stddev	.00165	.00068	.00051	.00115	.00147	.00799	.00410	.00014
%RSD	580.70	80.265	13.492	51.350	610.08	39.666	22.312	801.82

#1	.00146	-.00007	.00363	-.00096	.00115	.02465	.02176	-.00014
#2	-.00160	-.00111	.00339	-.00318	-.00009	.02487	.01957	.00010
#3	.00099	-.00135	.00438	-.00256	-.00178	.01092	.01382	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	4.8016	.00030	.00113	.00046	.02777	.06391	1.1193
Stddev	.00007	.0532	.00030	.00022	.00033	.00376	.00015	.0484
%RSD	95.306	1.1073	98.603	19.231	71.161	13.534	.23699	4.3241

#1	-.00013	4.7852	.00019	.00135	.00054	.02358	.06390	1.1666
#2	-.00008	4.7585	.00007	.00091	.00010	.02887	.06376	1.0699
#3	.00000	4.8610	.00063	.00113	.00074	.03085	.06406	1.1215

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	.00009	63.383	.00055	.00679	.75365	-.00011	.00025
Stddev	.00046	.00051	.473	.00022	.00026	.04894	.00036	.00693
%RSD	172.26	556.78	.74682	39.979	3.8037	6.4940	335.81	2745.4

#1	-.00062	.00026	63.094	.00072	.00691	.71448	-.00001	-.00609
#2	-.00042	-.00049	63.126	.00063	.00697	.80852	.00019	-.00080
#3	.00025	.00050	63.930	.00030	.00650	.73796	-.00051	.00765

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04809	.17895	.00069	-.00144	.01165	.0016	.01697	2.4965
Stddev	.00909	.00321	.00093	.00127	.00169	.0004	.00003	.1788
%RSD	18.892	1.7921	134.37	88.226	14.510	25.62	.16533	7.1635

#1	.05614	.17878	.00092	-.00259	.00985	.0015	.01700	2.7004
#2	.04990	.17584	.00149	-.00008	.01320	.0012	.01697	2.4231
#3	.03824	.18225	-.00033	-.00165	.01191	.0020	.01694	2.3661

Sample Name: K1338-02LX5 Acquired: 2/7/2019 21:31:11 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.6512
Stddev	.1971
%RSD	2.9630

#1	6.5863
#2	6.8725
#3	6.4948

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3307.9	41139.	4350.0	15.179	3749.9
Stddev	61.6	262.	24.9	1.265	57.6
%RSD	1.8609	.63773	.57329	8.3346	1.5365

#1	3285.6	40844.	4348.1	13.870	3717.9
#2	3260.5	41228.	4375.8	16.395	3715.4
#3	3377.4	41346.	4326.0	15.273	3816.4

Sample Name: CCV10 Acquired: 2/7/2019 21:35:38 Type: Unk
Method: P4-ICP2(v2837) 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	5.0149	5.0911	5.0407	5.0761	5.1324	9.9226	9.6802	.24912
Stddev	.0095	.0164	.0053	.0175	.0154	.0672	.0290	.00021
%RSD	.18998	.32173	.10440	.34502	.30034	.67728	.30006	.08428
#1	5.0040	5.0946	5.0467	5.0582	5.1183	9.8645	9.6483	.24888
#2	5.0190	5.1054	5.0383	5.0932	5.1488	9.9962	9.6872	.24927
#3	5.0217	5.0732	5.0370	5.0768	5.1300	9.9070	9.7051	.24923
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4844	26.478	1.0083	2.4817	1.2653	5.0934	2.5195	25.866
Stddev	.0036	.126	.0049	.0017	.0032	.0376	.0039	.093
%RSD	.14583	.47428	.48876	.06925	.25211	.73880	.15368	.35846
#1	2.4880	26.444	1.0123	2.4831	1.2618	5.0876	2.5234	25.828
#2	2.4845	26.372	1.0028	2.4824	1.2679	5.0590	2.5156	25.799
#3	2.4808	26.617	1.0098	2.4798	1.2663	5.1336	2.5195	25.972
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4595	1.2591	25.772	2.4996	2.5474	25.104	5.1142	5.1235
Stddev	.0041	.0076	.115	.0021	.0041	.103	.0185	.0344
%RSD	.16692	.60790	.44703	.08479	.15919	.41217	.36243	.67204
#1	2.4635	1.2663	25.653	2.5018	2.5518	24.987	5.0930	5.0876
#2	2.4598	1.2510	25.780	2.4994	2.5463	25.146	5.1274	5.1563
#3	2.4553	1.2601	25.883	2.4976	2.5439	25.181	5.1223	5.1266
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8519	5.0561	5.0576	5.1033	5.0990	5.095	5.0104	F 3.2943
Stddev	.0666	.0343	.0067	.0153	.0215	.004	.0204	.0321
%RSD	1.3733	.67772	.13280	.30066	.42164	.0825	.40681	.97480
#1	4.9271	5.0545	5.0621	5.0865	5.0790	5.100	4.9914	3.3290
#2	4.8281	5.0227	5.0608	5.1070	5.0962	5.091	5.0079	3.2656
#3	4.8003	5.0911	5.0499	5.1165	5.1217	5.095	5.0319	3.2884

Sample Name: CCV10 Acquired: 2/7/2019 21:35:38 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.6014
Stddev .4394
%RSD 12.200

#1 3.3412
#2 4.1087
#3 3.3544

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3203.8	40288.	4293.4	15.255	3490.8
Stddev	2.2	102.	15.6	.909	14.0
%RSD	.06910	.25230	.36276	5.9589	.40012

#1	3204.9	40171.	4296.4	15.033	3474.8
#2	3201.2	40333.	4307.3	14.478	3497.6
#3	3205.2	40359.	4276.6	16.254	3500.1

Sample Name: CCB10 Acquired: 2/7/2019 21:39:37 Type: Unk
Method: P4-ICP2(v2837) 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	-.00078	.00036	.00054	-.00199	-.00175	.00225	-.00719
Stddev	.00106	.00170	.00081	.00080	.00161	.01048	.00286
%RSD	136.62	468.58	150.29	40.274	91.672	465.24	39.711

#1	-.00123	.00039	-.00036	-.00235	-.00187	.01170	-.00610
#2	-.00154	.00205	.00075	-.00254	-.00330	.00407	-.01043
#3	.00044	-.00135	.00122	-.00107	-.00009	-.00902	-.00504

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00002	.00693	.00025	-.00008	-.00066	-.00022
Stddev	.00004	.00008	.01707	.00027	.00018	.00024	.00193
%RSD	67.709	320.18	246.38	109.91	223.90	36.565	889.35

#1	.00002	-.00011	.00313	.00002	-.00020	-.00055	-.00242
#2	.00009	.00005	-.00792	.00018	-.00017	-.00050	.00059
#3	.00005	-.00001	.02557	.00055	.00013	-.00094	.00118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.01839	-.00046	-.00038	.20104	.00054	-.00230
Stddev	.00003	.01000	.00017	.00029	.00979	.00037	.00008
%RSD	25.777	54.395	36.679	76.196	4.8701	67.920	3.3956

#1	-.00013	.01399	-.00061	-.00053	.18982	.00017	-.00222
#2	-.00008	.01134	-.00028	-.00005	.20788	.00090	-.00237
#3	-.00009	.02983	-.00048	-.00055	.20542	.00054	-.00231

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05874	.00006	-.00065	F -.02088	.00230	.00006	-.00068
Stddev	.04796	.00011	.01215	.01896	.00139	.00100	.00140
%RSD	81.644	193.32	1860.5	90.804	60.688	1696.8	205.43

#1	.00469	-.00003	.00993	-.01034	.00313	.00117	-.00108
#2	.09620	.00002	.00203	-.00953	.00069	-.00023	.00088
#3	.07534	.00018	-.01392	-.04276	.00308	-.00076	-.00184

Sample Name: CCB10 Acquired: 2/7/2019 21:39:37 Type: Unk
Method: P4-ICP2(v2837) 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 .00539	.0001	.00020	F 1.8931	F 1.4243
Stddev	.00129	.0014	.00009	.0735	1.7849
%RSD	23.865	990.2	45.982	3.8838	125.32
#1	.00557	-.0011	.00029	1.9312	.28928
#2	.00403	.0017	.00019	1.9398	3.4817
#3	.00658	-.0002	.00011	1.8083	.50196
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3357.7	42793.	4364.1	16.581	3947.2
Stddev	5.6	195.	11.8	.550	14.5
%RSD	.16535	.45661	.27112	3.3152	.36698
#1	3357.8	42576.	4364.2	16.068	3941.2
#2	3352.1	42847.	4352.2	17.161	3936.6
#3	3363.2	42956.	4375.9	16.514	3963.7

Sample Name: K1338-02MS Acquired: 2/7/2019 21:44:05 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-020519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81948	1.9974	1.0187	2.0849	.83320	2.2471	.31572
Stddev	.00398	.0048	.0018	.0109	.00077	.0171	.00392
%RSD	.48615	.24073	.17349	.52314	.09242	.76000	1.2422

#1	.82389	1.9945	1.0178	2.0962	.83399	2.2320	.31999
#2	.81613	2.0029	1.0208	2.0745	.83245	2.2438	.31486
#3	.81843	1.9948	1.0176	2.0840	.83318	2.2656	.31229

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20826	.20439	25.696	.42954	.21166	.31670	3.2602
Stddev	.00061	.00017	.045	.00203	.00086	.00126	.0280
%RSD	.29407	.08399	.17509	.47312	.40847	.39647	.85791

#1	.20757	.20419	25.712	.43061	.21108	.31633	3.2765
#2	.20850	.20452	25.732	.43081	.21265	.31567	3.2761
#3	.20872	.20445	25.646	.42719	.21124	.31810	3.2279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53174	7.9885	.51491	.07422	285.35	.32626	.27578
Stddev	.00069	.1211	.00091	.00065	2.34	.00117	.00029
%RSD	.12966	1.5165	.17761	.87081	.81904	.35958	.10445

#1	.53171	7.9174	.51484	.07350	287.05	.32549	.27596
#2	.53244	7.9197	.51403	.07475	286.31	.32567	.27545
#3	.53106	8.1284	.51586	.07440	282.68	.32761	.27594

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.724	.43778	.34276	.26239	1.8118	.74271	.21645
Stddev	.048	.00152	.01350	.03392	.0181	.00175	.00253
%RSD	.41321	.34760	3.9373	12.927	.99977	.23553	1.1696

#1	11.778	.43846	.35491	.22622	1.8239	.74144	.21371
#2	11.707	.43604	.34515	.26749	1.8206	.74200	.21693
#3	11.686	.43884	.32824	.29348	1.7910	.74471	.21871

Sample Name: K1338-02MS Acquired: 2/7/2019 21:44:05 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-06-020519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20859	6.265	.28701	3.4135	F<.00000
Stddev	.00200	.013	.00202	.1607	1.2380
%RSD	.95762	.2011	.70329	4.7070	11.525

#1	.20808	6.261	.28657	3.4717	-12.118
#2	.20689	6.279	.28921	3.5369	-9.7209
#3	.21079	6.254	.28525	3.2318	-10.384

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3157.5	39289.	4289.4	15.218	3435.2
Stddev	7.2	121.	44.7	1.789	1.9
%RSD	.22656	.30849	1.0426	11.754	.05669

#1	3154.5	39235.	4259.5	14.920	3436.0
#2	3165.7	39204.	4267.9	17.137	3436.5
#3	3152.4	39428.	4340.8	13.597	3432.9

Sample Name: K1338-02MSD Acquired: 2/7/2019 21:48:20 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-020519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81440	1.9887	1.0154	2.0756	.82967	2.2396	.31372
Stddev	.00439	.0033	.0014	.0082	.00228	.0203	.00541
%RSD	.53929	.16751	.14016	.39712	.27503	.90466	1.7236

#1	.80938	1.9851	1.0147	2.0759	.82704	2.2469	.30995
#2	.81754	1.9896	1.0145	2.0838	.83076	2.2553	.31130
#3	.81627	1.9916	1.0171	2.0673	.83120	2.2167	.31992

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20790	.20389	25.597	.42865	.21144	.31564	3.2419
Stddev	.00059	.00056	.251	.00107	.00027	.00041	.0425
%RSD	.28157	.27475	.98124	.24859	.12738	.13005	1.3107

#1	.20856	.20335	25.326	.42813	.21129	.31591	3.2300
#2	.20767	.20447	25.822	.42794	.21175	.31517	3.2067
#3	.20746	.20385	25.643	.42987	.21127	.31585	3.2891

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53198	7.8720	.51405	.07442	283.48	.32598	.27724
Stddev	.00062	.1389	.00132	.00113	2.26	.00090	.00089
%RSD	.11570	1.7640	.25719	1.5154	.79809	.27485	.32018

#1	.53208	7.7127	.51252	.07330	283.84	.32513	.27622
#2	.53253	7.9673	.51486	.07439	281.07	.32590	.27770
#3	.53132	7.9360	.51476	.07556	285.55	.32692	.27781

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.655	.43701	.33585	.24803	1.8055	.73980	.21767
Stddev	.105	.00086	.00410	.02066	.0304	.00378	.00090
%RSD	.90076	.19652	1.2202	8.3301	1.6838	.51103	.41351

#1	11.539	.43675	.33241	.26993	1.7905	.73552	.21667
#2	11.742	.43797	.34038	.24530	1.7855	.74266	.21842
#3	11.685	.43632	.33474	.22888	1.8405	.74124	.21791

Sample Name: K1338-02MSD Acquired: 2/7/2019 21:48:20 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-020519 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20838	6.233	.28484	3.4279	F<.00000
Stddev	.00134	.019	.00158	.0673	.25779
%RSD	.64452	.3052	.55512	1.9644	2.3771
#1	.20684	6.211	.28431	3.4960	-11.050
#2	.20894	6.246	.28359	3.4263	-10.555
#3	.20934	6.241	.28662	3.3613	-10.929
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3167.1	39326.	4324.1	15.679	3447.7
Stddev	8.5	45.	36.5	1.076	15.1
%RSD	.26758	.11368	.84466	6.8618	.43749
#1	3171.2	39277.	4321.4	16.701	3462.0
#2	3157.4	39364.	4362.0	15.779	3432.0
#3	3172.7	39336.	4289.1	14.557	3449.0

Sample Name: K1338-02A Acquired: 2/7/2019 21:52:35 Type: Unk
Method: P4-ICP2(v2837) 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	.81586	1.9854	1.0141	2.0815	.82939	2.2161	.31076
Stddev	.00932	.0030	.0014	.0132	.00499	.0236	.00377
%RSD	1.1429	.14901	.14009	.63626	.60201	1.0625	1.2147

#1	.81992	1.9846	1.0125	2.0759	.82790	2.1911	.31397
#2	.80520	1.9829	1.0148	2.0720	.82532	2.2193	.31172
#3	.82247	1.9887	1.0151	2.0966	.83496	2.2379	.30660

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20713	.20301	25.651	.43014	.21058	.31561	3.2530
Stddev	.00040	.00022	.095	.00273	.00017	.00107	.0145
%RSD	.19304	.10724	.36940	.63515	.08113	.33931	.44546

#1	.20752	.20324	25.543	.42698	.21045	.31497	3.2451
#2	.20714	.20280	25.693	.43174	.21078	.31502	3.2698
#3	.20672	.20301	25.718	.43168	.21051	.31685	3.2443

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53151	7.9661	.51225	.07439	283.79	.32452	.27838
Stddev	.00078	.0224	.00031	.00113	2.33	.00162	.00019
%RSD	.14707	.28120	.06146	1.5132	.82221	.49893	.06924

#1	.53061	7.9451	.51261	.07342	286.43	.32560	.27816
#2	.53193	7.9636	.51206	.07413	282.89	.32530	.27849
#3	.53199	7.9897	.51207	.07562	282.03	.32266	.27849

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.555	.43670	.33034	.24999	1.8171	.73946	.21684
Stddev	.051	.00129	.00313	.02975	.0150	.00282	.00239
%RSD	.43981	.29539	.94600	11.901	.82764	.38144	1.1044

#1	11.503	.43582	.33110	.25224	1.8334	.73634	.21837
#2	11.604	.43611	.32690	.27855	1.8141	.74020	.21807
#3	11.559	.43818	.33301	.21917	1.8038	.74184	.21408

Sample Name: K1338-02A Acquired: 2/7/2019 21:52:35 Type: Unk
 Method: P4-ICP2(v2837) 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	.20751	6.230	.28621	3.4442	F<.00000
Stddev	.00182	.003	.00141	.1560	2.6059
%RSD	.87933	.0508	.49414	4.5299	23.554
#1	.20568	6.230	.28676	3.2644	-13.422
#2	.20933	6.233	.28728	3.5251	-11.504
#3	.20751	6.227	.28461	3.5432	-8.2659
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3162.0	39382.	4315.2	17.048	3454.5
Stddev	13.2	125.	19.0	1.091	2.8
%RSD	.41747	.31697	.43938	6.3984	.08230
#1	3165.3	39511.	4302.4	17.675	3453.3
#2	3173.2	39372.	4306.2	17.681	3457.7
#3	3147.4	39262.	4337.0	15.788	3452.4

Sample Name: K1356-04 Acquired: 2/7/2019 21:56:50 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-020519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00495	-.00319	.02940	.00083	-.00106	.08618	.13538	.00003
Stddev	.00111	.00138	.00033	.00257	.00084	.01290	.00264	.00004
%RSD	22.372	43.143	1.1293	310.77	79.565	14.973	1.9468	149.78

#1	-.00459	-.00304	.02977	-.00173	-.00200	.09606	.13318	.00005
#2	-.00619	-.00463	.02930	.00081	-.00078	.07158	.13466	-.00002
#3	-.00407	-.00189	.02913	.00341	-.00039	.09091	.13830	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	21.497	.00113	.00305	.00961	.01303	.61550	2.3865
Stddev	.00007	.193	.00029	.00015	.00024	.00250	.00088	.0372
%RSD	33.264	.89879	25.561	5.0046	2.4514	19.220	.14318	1.5568

#1	.00026	21.280	.00114	.00293	.00974	.01135	.61465	2.3977
#2	.00025	21.565	.00141	.00299	.00934	.01591	.61545	2.4168
#3	.00013	21.648	.00083	.00322	.00976	.01184	.61641	2.3451

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00435	.00030	279.13	-.00012	.05610	1.2030	-.00014	.01542
Stddev	.00048	.00011	2.91	.00060	.00017	.0257	.00010	.01238
%RSD	11.072	38.132	1.0409	517.97	.29461	2.1334	69.163	80.293

#1	.00411	.00028	280.46	.00046	.05591	1.1839	-.00015	.01420
#2	.00491	.00042	281.12	-.00007	.05621	1.2322	-.00024	.00369
#3	.00404	.00019	275.79	-.00074	.05617	1.1930	-.00004	.02836

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19562	.48119	.00229	-.00093	-.00452	.0105	.07628	3.3065
Stddev	.02389	.00361	.00004	.00048	.00219	.0010	.00064	.1740
%RSD	12.212	.75116	1.9017	51.071	48.375	9.579	.83958	5.2621

#1	.21305	.47752	.00224	-.00039	-.00365	.0103	.07554	3.3089
#2	.20542	.48475	.00231	-.00113	-.00701	.0116	.07664	3.4792
#3	.16839	.48132	.00232	-.00128	-.00291	.0096	.07666	3.1313

Sample Name: K1356-04 Acquired: 2/7/2019 21:56:50 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-020519 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	16.631
Stddev	1.675
%RSD	10.069

#1	18.062
#2	14.789
#3	17.042

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3186.7	39513.	4372.6	16.252	3486.6
Stddev	20.7	133.	35.6	1.476	5.3
%RSD	.64923	.33583	.81488	9.0848	.15098

#1	3198.8	39549.	4392.2	16.982	3492.4
#2	3198.5	39366.	4331.5	14.552	3482.2
#3	3162.8	39624.	4394.2	17.220	3485.1

Sample Name: K1358-02 Acquired: 2/7/2019 22:01:24 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-020519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00149	-.00306	.01159	.00001	-.00179	.13746	.07445	.00001
Stddev	.00256	.00187	.00031	.00153	.00030	.02548	.00225	.00007
%RSD	171.97	60.970	2.6445	12987.	16.639	18.534	3.0221	1424.3

#1	-.00345	-.00516	.01135	-.00039	-.00172	.12192	.07312	-.00002
#2	.00141	-.00243	.01194	.00171	-.00212	.12360	.07705	-.00005
#3	-.00243	-.00159	.01148	-.00128	-.00154	.16686	.07318	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	20.333	.00081	.00683	.00597	.52751	.58746	1.7404
Stddev	.00005	.139	.00028	.00028	.00037	.00554	.00113	.0369
%RSD	21.654	.68442	34.747	4.0460	6.1691	1.0497	.19308	2.1182

#1	-.00016	20.175	.00114	.00681	.00568	.52595	.58876	1.7474
#2	-.00025	20.388	.00064	.00656	.00639	.53366	.58676	1.7006
#3	-.00022	20.436	.00066	.00711	.00585	.52292	.58685	1.7733

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00269	.00001	257.87	.00021	.02305	.63802	.00009	.02313
Stddev	.00002	.00065	1.42	.00038	.00027	.02428	.00025	.00197
%RSD	.85108	5563.3	.54944	184.29	1.1882	3.8057	285.11	8.5246

#1	.00266	-.00056	256.95	.00013	.02331	.61924	.00034	.02149
#2	.00270	-.00012	259.50	.00062	.02276	.66544	.00006	.02532
#3	.00270	.00072	257.14	-.00013	.02306	.62938	-.00015	.02259

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56637	.61887	.00181	-.00048	-.00677	.0027	.05930	2.9448
Stddev	.03676	.00856	.00026	.00199	.00137	.0013	.00020	.1275
%RSD	6.4912	1.3830	14.582	415.28	20.160	48.95	.33040	4.3280

#1	.57919	.61526	.00174	-.00163	-.00743	.0018	.05933	3.0279
#2	.59501	.62865	.00210	-.00163	-.00769	.0020	.05909	3.0085
#3	.52491	.61272	.00159	.00182	-.00520	.0042	.05948	2.7981

Sample Name: K1358-02 Acquired: 2/7/2019 22:01:24 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-020519 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.189
Stddev	1.356
%RSD	10.282

#1	13.664
#2	14.244
#3	11.660

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3227.9	40187.	4443.0	15.384	3489.6
Stddev	20.4	96.	13.1	1.254	18.2
%RSD	.63296	.23974	.29500	8.1532	.52268

#1	3204.4	40096.	4429.9	16.000	3468.7
#2	3240.9	40176.	4443.0	13.941	3502.4
#3	3238.5	40288.	4456.2	16.211	3497.7

Sample Name: K1379-02 Acquired: 2/7/2019 22:05:58 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-6A Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.00319	.21334	.00179	.00234	.13416	.20285	.00009
Stddev	.00153	.00083	.00125	.00232	.00073	.00556	.00192	.00002
%RSD	283.25	26.182	.58618	129.55	31.111	4.1443	.94591	22.474

#1	-.00012	-.00276	.21448	.00103	.00158	.12848	.20142	.00007
#2	.00229	-.00415	.21200	-.00005	.00241	.13440	.20503	.00010
#3	-.00055	-.00265	.21355	.00440	.00304	.13959	.20210	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	7.7911	.00270	.01088	.01122	3.2538	.24510	1.5763
Stddev	.00005	.0267	.00023	.00019	.00076	.0334	.00014	.0185
%RSD	15.300	.34309	8.4731	1.7264	6.7650	1.0260	.05675	1.1707

#1	.00037	7.7615	.00288	.01108	.01207	3.2235	.24503	1.5963
#2	.00028	7.7985	.00244	.01071	.01059	3.2895	.24502	1.5599
#3	.00038	7.8135	.00279	.01086	.01100	3.2483	.24526	1.5726

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01749	.00014	288.63	.00062	.12538	2.6275	.00004	.02465
Stddev	.00037	.00043	3.50	.00093	.00017	.0426	.00023	.00640
%RSD	2.1290	302.53	1.2135	148.87	.13429	1.6207	587.42	25.944

#1	.01790	-.00029	287.93	.00096	.12551	2.6292	-.00023	.03064
#2	.01717	.00056	292.43	.00134	.12545	2.5841	.00018	.02540
#3	.01740	.00015	285.52	-.00043	.12519	2.6692	.00016	.01791

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10884	.57698	.00193	.00130	-.00592	.0027	.04609	2.9963
Stddev	.01893	.00244	.00118	.00077	.00142	.0012	.00029	.1618
%RSD	17.393	.42302	61.200	58.998	23.967	46.00	.62309	5.4011

#1	.11232	.57497	.00157	.00123	-.00449	.0016	.04579	3.1821
#2	.08841	.57970	.00324	.00211	-.00733	.0024	.04637	2.8866
#3	.12579	.57628	.00096	.00057	-.00593	.0040	.04612	2.9201

Sample Name: K1379-02 Acquired: 2/7/2019 22:05:58 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-6A Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.6489
%RSD 1983.3

#1 -.55286
#2 -1.4462
#3 1.7496

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3194.3	39728.	4403.3	15.898	3518.8
Stddev	32.0	17.	20.7	.847	19.5
%RSD	1.0008	.04277	.47120	5.3252	.55438

#1	3161.2	39710.	4386.2	16.745	3538.4
#2	3196.7	39744.	4397.3	15.052	3499.3
#3	3225.0	39729.	4426.4	15.895	3518.7

Sample Name: K1389-22 Acquired: 2/7/2019 22:10:30 Type: Unk
Method: P4-ICP2(v2837) 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	-.00416	-.00250	.00203	.00187	.00124	.02996	.01717	-.00005
Stddev	.00215	.00154	.00069	.00155	.00051	.01181	.00174	.00005
%RSD	51.526	61.485	33.817	82.922	40.912	39.416	10.111	98.930

#1	-.00177	-.00407	.00236	.00219	.00154	.03070	.01718	-.00002
#2	-.00482	-.00243	.00248	.00323	.00065	.01779	.01890	-.00002
#3	-.00591	-.00100	.00124	.00018	.00152	.04138	.01543	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	6.5904	.00099	-.00008	-.00046	.01795	.00064	1.3967
Stddev	.00009	.0555	.00026	.00010	.00053	.00127	.00002	.0346
%RSD	61.190	.84205	26.537	121.45	116.05	7.0587	3.2386	2.4752

#1	-.00005	6.5302	.00095	-.00014	.00008	.01936	.00065	1.4193
#2	-.00022	6.6015	.00075	.00003	-.00046	.01691	.00062	1.3569
#3	-.00018	6.6395	.00127	-.00014	-.00098	.01758	.00066	1.4139

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00017	10.262	.00049	.01641	.78799	.00002	.02537
Stddev	.00018	.00009	.029	.00035	.00023	.01778	.00015	.00689
%RSD	233.37	52.154	.28192	72.487	1.3731	2.2566	636.67	27.150

#1	-.00028	-.00010	10.230	.00055	.01639	.79932	.00020	.02117
#2	-.00001	-.00027	10.285	.00011	.01664	.76749	-.00005	.02162
#3	.00006	-.00014	10.272	.00080	.01619	.79714	-.00008	.03332

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5777	.97958	.00029	-.00127	.00939	.0415	.02579	2.0596
Stddev	.0342	.00442	.00041	.00211	.00130	.0010	.00029	.1382
%RSD	1.3283	.45086	139.47	165.69	13.876	2.362	1.1422	6.7121

#1	2.6072	.98131	.00074	-.00154	.00832	.0421	.02559	2.1266
#2	2.5858	.98287	.00021	-.00324	.00901	.0403	.02565	1.9006
#3	2.5401	.97456	-.00007	.00096	.01084	.0419	.02613	2.1516

Sample Name: K1389-22 Acquired: 2/7/2019 22:10:30 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.7553
 Stddev 3.1041
 %RSD 112.66

#1 4.7855
 #2 4.2983
 #3 -.81793

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3297.6	42463.	4386.9	15.908	3875.3
Stddev	5.2	92.	11.1	.863	1.1
%RSD	.15748	.21694	.25408	5.4241	.02852

#1	3293.8	42385.	4381.9	16.517	3874.0
#2	3295.5	42565.	4399.6	14.921	3875.8
#3	3303.6	42438.	4379.1	16.286	3876.0

Sample Name: K1396-02 Acquired: 2/7/2019 22:14:57 Type: Unk
Method: P4-ICP2(v2837) 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	-.00117	-.00161	.00113	-.00106	-.00083	.00994	.05941	-.00003
Stddev	.00123	.00064	.00040	.00116	.00071	.01719	.00196	.00003
%RSD	104.98	39.586	35.965	109.32	85.995	173.03	3.2947	94.056

#1	.00023	-.00226	.00129	-.00122	-.00012	.01201	.06057	-.00006
#2	-.00208	-.00098	.00066	-.00212	-.00154	-.00820	.05715	-.00000
#3	-.00167	-.00160	.00142	.00017	-.00082	.02600	.06052	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	5.3415	.00065	.00015	.00019	.41056	.08493	1.2386
Stddev	.00006	.0297	.00016	.00017	.00037	.00719	.00013	.0207
%RSD	179.08	.55691	24.027	114.06	196.91	1.7524	.15151	1.6727

#1	-.00002	5.3072	.00048	-.00005	.00053	.41831	.08483	1.2513
#2	.00002	5.3593	.00069	.00025	.00024	.40928	.08507	1.2147
#3	-.00010	5.3581	.00078	.00023	-.00021	.40409	.08489	1.2497

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00171	-.00002	4.2024	.00052	.07174	.81508	.00005	.02409
Stddev	.00038	.00004	.0155	.00011	.00024	.00893	.00043	.00499
%RSD	22.161	226.75	.36916	21.511	.33096	1.0956	938.10	20.729

#1	.00147	-.00004	4.2171	.00043	.07187	.81737	-.00007	.01946
#2	.00150	-.00005	4.2040	.00050	.07188	.82264	-.00031	.02342
#3	.00214	.00003	4.1862	.00065	.07146	.80523	.00052	.02938

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56066	.14041	-.00018	-.00128	.00119	.0043	.03892	1.3125
Stddev	.00370	.00216	.00050	.00084	.00241	.0005	.00030	.0864
%RSD	.65996	1.5381	273.26	65.784	202.23	10.49	.77959	6.5858

#1	.55837	.14009	.00024	-.00149	.00173	.0047	.03916	1.2916
#2	.56493	.14272	-.00073	-.00035	.00328	.0045	.03903	1.4075
#3	.55868	.13844	-.00005	-.00199	-.00144	.0038	.03858	1.2385

Sample Name: K1396-02 Acquired: 2/7/2019 22:14:57 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.9134
Stddev	2.2951
%RSD	78.777

#1	.28135
#2	4.4972
#3	3.9618

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3428.7	44219.	4550.9	16.410	4032.9
Stddev	21.2	69.	70.7	.640	3.6
%RSD	.61721	.15594	1.5530	3.9004	.09006

#1	3453.1	44233.	4474.9	16.432	4029.0
#2	3418.3	44145.	4563.0	15.759	4033.6
#3	3414.8	44280.	4614.7	17.039	4036.2

Sample Name: K1396-02DUP Acquired: 2/7/2019 22:19:23 Type: Unk
Method: P4-ICP2(v2837) 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	-.00220	-.00306	.00047	-.00117	-.00042	.01122	.06949	-.00009
Stddev	.00190	.00085	.00018	.00300	.00056	.00271	.00127	.00009
%RSD	86.276	27.717	38.278	256.53	133.61	24.185	1.8250	96.876

#1	-.00303	-.00223	.00027	-.00081	-.00083	.01338	.06819	-.00020
#2	-.00355	-.00303	.00051	-.00434	.00022	.01211	.07072	-.00005
#3	-.00003	-.00392	.00061	.00163	-.00065	.00817	.06957	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	5.9617	.00109	.00036	-.00018	.47014	.09414	1.3953
Stddev	.00004	.0517	.00068	.00014	.00026	.00386	.00017	.0481
%RSD	32.725	.86737	62.444	40.447	146.66	.82124	.18448	3.4494

#1	-.00017	5.9234	.00122	.00019	-.00028	.47133	.09418	1.3582
#2	-.00009	6.0205	.00035	.00046	.00012	.47327	.09429	1.3780
#3	-.00012	5.9410	.00170	.00041	-.00037	.46583	.09395	1.4497

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	.00003	4.6793	-.00004	.07852	.89465	.00008	.02200
Stddev	.00007	.00044	.0281	.00018	.00024	.00757	.00028	.00425
%RSD	4.8543	1619.0	.60022	426.50	.30875	.84639	370.91	19.306

#1	.00146	-.00020	4.6535	-.00022	.07825	.88629	.00030	.01934
#2	.00135	.00054	4.7092	.00013	.07862	.89659	-.00024	.01976
#3	.00148	-.00025	4.6751	-.00004	.07870	.90106	.00016	.02690

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61774	.15913	.00068	-.00021	.00645	.0055	.04352	1.9561
Stddev	.00550	.00299	.00046	.00256	.00113	.0001	.00020	.1492
%RSD	.88993	1.8779	67.085	1207.9	17.544	1.793	.46687	7.6282

#1	.62103	.15990	.00113	.00127	.00515	.0054	.04371	2.0604
#2	.61139	.16165	.00069	-.00317	.00715	.0054	.04331	2.0228
#3	.62080	.15583	.00022	.00126	.00707	.0056	.04354	1.7852

Sample Name: K1396-02DUP Acquired: 2/7/2019 22:19:23 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .00370
Stddev .43043
%RSD 11632.

#1 .50026
#2 -.26306
#3 -.22610

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3315.1	42584.	4360.5	15.836	3898.8
Stddev	10.1	214.	42.0	.434	13.8
%RSD	.30515	.50135	.96364	2.7420	.35454

#1	3322.1	42394.	4352.7	15.395	3903.3
#2	3303.5	42543.	4322.9	15.848	3883.3
#3	3319.6	42815.	4405.8	16.264	3909.9

Sample Name: K1396-02LX5 Acquired: 2/7/2019 22:23:48 Type: Unk
Method: P4-ICP2(v2837) 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	-.00051	-.00001	.00084	-.00142	-.00094	-.00274	.00418	-.00003
Stddev	.00358	.00024	.00103	.00191	.00071	.00887	.00368	.00002
%RSD	706.68	2646.1	123.12	134.26	75.486	323.37	88.013	71.983

#1	.00333	.00013	.00144	-.00150	-.00171	.00193	.00055	-.00005
#2	-.00376	-.00029	.00144	-.00330	-.00033	-.01297	.00790	-.00004
#3	-.00108	.00013	-.00035	.00052	-.00076	.00281	.00409	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	1.1297	.00060	.00023	-.00034	.08729	.01778	.27656
Stddev	.00009	.0089	.00032	.00005	.00057	.00542	.00006	.04442
%RSD	419.24	.78946	52.679	22.780	170.90	6.2074	.34760	16.061

#1	-.00003	1.1252	.00024	.00026	-.00099	.08186	.01783	.32315
#2	-.00011	1.1240	.00072	.00027	-.00008	.09269	.01779	.23470
#3	.00007	1.1400	.00084	.00017	.00007	.08732	.01771	.27182

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00021	.98790	.00039	.01365	.16756	-.00016	.01014
Stddev	.00021	.00022	.00380	.00002	.00010	.01470	.00025	.00895
%RSD	314.82	100.76	.38460	4.4446	.74528	8.7736	160.82	88.196

#1	.00009	.00001	.98351	.00037	.01374	.17636	.00005	.00392
#2	.00027	-.00024	.99022	.00038	.01354	.15059	-.00008	.00612
#3	-.00016	-.00041	.98996	.00041	.01366	.17573	-.00044	.02039

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08707	.03629	-.00004	-.00124	.00223	.0016	.00820	1.4016
Stddev	.01134	.00422	.00035	.00393	.00160	.0004	.00012	.1181
%RSD	13.028	11.623	823.82	316.14	71.871	23.92	1.4040	8.4255

#1	.09864	.03420	.00034	-.00053	.00049	.0013	.00829	1.4841
#2	.08659	.03354	-.00034	.00228	.00365	.0020	.00824	1.4544
#3	.07597	.04115	-.00013	-.00548	.00255	.0015	.00807	1.2663

Sample Name: K1396-02LX5 Acquired: 2/7/2019 22:23:48 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.7863
Stddev	.7098
%RSD	39.737

#1	1.0040
#2	2.3891
#3	1.9659

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3401.8	43675.	4466.6	16.032	3984.9
Stddev	2.4	248.	69.6	.911	10.4
%RSD	.07111	.56704	1.5585	5.6840	.26101

#1	3403.7	43444.	4426.8	16.800	3991.5
#2	3399.0	43644.	4426.0	16.270	3973.0
#3	3402.6	43936.	4546.9	15.025	3990.3

Sample Name: CCV11 Acquired: 2/7/2019 22:28:17 Type: Unk
Method: P4-ICP2(v2837) 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	4.9429	5.0801	5.0141	5.0053	5.0584	9.9097	9.6620	.24819
Stddev	.0301	.0138	.0090	.0355	.0210	.0232	.0645	.00060
%RSD	.60918	.27168	.17869	.70931	.41608	.23435	.66774	.24313
#1	4.9769	5.0903	5.0145	5.0446	5.0788	9.9362	9.6154	.24816
#2	4.9197	5.0856	5.0049	4.9756	5.0368	9.8931	9.6349	.24759
#3	4.9321	5.0644	5.0229	4.9958	5.0597	9.8997	9.7356	.24880
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4783	26.599	1.0100	2.4691	1.2555	5.1327	2.5189	25.913
Stddev	.0019	.043	.0016	.0012	.0063	.0259	.0031	.097
%RSD	.07445	.16089	.16068	.04970	.49978	.50468	.12347	.37323
#1	2.4795	26.580	1.0099	2.4696	1.2623	5.1276	2.5182	25.810
#2	2.4762	26.569	1.0083	2.4677	1.2499	5.1096	2.5161	25.929
#3	2.4793	26.648	1.0116	2.4699	1.2545	5.1607	2.5223	26.001
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4622	1.2517	25.769	2.4942	2.5266	24.945	5.0487	5.1291
Stddev	.0036	.0023	.228	.0039	.0016	.219	.0240	.0380
%RSD	.14477	.18160	.88671	.15773	.06214	.87701	.47638	.74162
#1	2.4622	1.2493	25.667	2.4961	2.5269	24.830	5.0721	5.1235
#2	2.4586	1.2519	25.608	2.4897	2.5249	24.807	5.0240	5.0942
#3	2.4657	1.2539	26.030	2.4969	2.5280	25.197	5.0501	5.1697
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8330	5.0221	5.0460	5.0976	5.0920	5.083	4.9999	F 3.1918
Stddev	.0398	.0589	.0025	.0199	.0437	.007	.0373	.0365
%RSD	.82332	1.1725	.05002	.39046	.85767	.1434	.74536	1.1424
#1	4.8672	4.9921	5.0445	5.0946	5.0585	5.086	4.9689	3.2146
#2	4.8426	4.9842	5.0489	5.0794	5.0762	5.074	4.9895	3.1498
#3	4.7894	5.0899	5.0445	5.1188	5.1414	5.087	5.0412	3.2111

Sample Name: CCV11 Acquired: 2/7/2019 22:28:17 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.5840
Stddev	3.1633
%RSD	88.262

#1	.00352
#2	6.0002
#3	4.7484

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3257.2	40573.	4306.9	15.094	3519.4
Stddev	17.3	3.	29.2	1.404	1.9
%RSD	.53205	.00716	.67815	9.2979	.05397

#1	3238.1	40577.	4314.1	16.665	3517.3
#2	3271.8	40571.	4331.9	14.656	3520.1
#3	3261.8	40572.	4274.8	13.962	3520.9

Sample Name: CCB11 Acquired: 2/7/2019 22:32:17 Type: Unk
Method: P4-ICP2(v2837) 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	-.00071	.00056	.00136	-.00069	.00011	-.00324	-.00668
Stddev	.00182	.00146	.00042	.00407	.00030	.00977	.00394
%RSD	255.98	260.22	31.029	592.99	273.86	301.16	59.003

#1	-.00189	-.00095	.00127	-.00004	-.00022	.00743	-.00820
#2	-.00163	.00198	.00099	.00302	.00016	-.00541	-.00962
#3	.00138	.00066	.00182	-.00504	.00038	-.01175	-.00220

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00006	-.00481	.00035	.00028	-.00056	.00043
Stddev	.00007	.00001	.01235	.00018	.00030	.00044	.00202
%RSD	94.229	20.962	256.85	50.648	107.62	78.991	472.67

#1	-.00015	-.00006	-.01592	.00019	-.00001	-.00043	.00007
#2	-.00002	-.00005	-.00699	.00031	.00025	-.00019	-.00139
#3	-.00005	-.00007	.00849	.00054	.00060	-.00104	.00260

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.02307	-.00076	.00013	.07834	.00048	-.00240
Stddev	.00004	.02751	.00047	.00021	.00428	.00033	.00007
%RSD	57.200	119.23	61.979	163.58	5.4656	68.203	2.8359

#1	-.00010	-.00848	-.00029	.00034	.07497	.00082	-.00246
#2	-.00005	.03564	-.00075	.00011	.08316	.00046	-.00242
#3	-.00004	.04205	-.00123	-.00007	.07690	.00017	-.00233

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07296	.00003	.00776	F -.04371	-.00099	.00003	-.00267
Stddev	.05524	.00031	.00659	.01068	.00205	.00077	.00268
%RSD	75.706	1115.2	84.895	24.433	207.15	2799.9	100.52

#1	-.03047	.00031	.00130	-.03806	.00119	.00044	.00043
#2	-.05301	.00007	.00752	-.03704	-.00128	-.00086	-.00410
#3	-.13540	-.00030	.01447	-.05603	-.00288	.00050	-.00434

Sample Name: CCB11 Acquired: 2/7/2019 22:32:17 Type: Unk
 Method: P4-ICP2(v2837) 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	.00226	-.0001	.00012	F 1.7095	F 1.4933
Stddev	.00228	.0013	.00004	.2902	.9554
%RSD	100.83	1780.	33.396	16.975	63.976
#1	-.00028	.0006	.00016	1.9632	1.9499
#2	.00295	.0008	.00008	1.3931	2.1347
#3	.00411	-.0015	.00013	1.7723	.39532
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3395.0	43125.	4375.9	16.451	3972.7
Stddev	3.4	208.	14.2	.614	4.7
%RSD	.09944	.48292	.32403	3.7299	.11795
#1	3391.2	42893.	4360.3	16.836	3973.2
#2	3397.5	43296.	4379.4	15.743	3967.8
#3	3396.3	43186.	4388.0	16.773	3977.1

Sample Name: K1396-02MS Acquired: 2/7/2019 22:36:46 Type: Unk
Method: P4-ICP2(v2837) 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	.75166	1.9924	.96004	1.8891	.79473	1.9547	.26735
Stddev	.00989	.0078	.00476	.0125	.00360	.0146	.00281
%RSD	1.3151	.38968	.49575	.65958	.45258	.74807	1.0501

#1	.74208	1.9848	.95556	1.8902	.79278	1.9528	.26456
#2	.75109	2.0003	.96504	1.8761	.79252	1.9411	.27017
#3	.76183	1.9921	.95951	1.9009	.79888	1.9702	.26733

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18735	.18721	6.6651	.41424	.19645	.31348	3.6965
Stddev	.00026	.00071	.0317	.00035	.00083	.00181	.0212
%RSD	.13876	.37839	.47573	.08441	.42365	.57610	.57296

#1	.18713	.18678	6.6293	.41384	.19634	.31280	3.7107
#2	.18729	.18803	6.6762	.41448	.19733	.31211	3.7065
#3	.18764	.18682	6.6897	.41441	.19567	.31553	3.6721

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29499	3.3467	.48718	.07017	7.3942	.30940	.27290
Stddev	.00079	.0572	.00131	.00104	.0294	.00096	.00119
%RSD	.26764	1.7080	.26952	1.4783	.39780	.31041	.43478

#1	.29408	3.3242	.48629	.06913	7.4278	.30933	.27180
#2	.29538	3.3042	.48869	.07019	7.3811	.30848	.27416
#3	.29550	3.4117	.48656	.07120	7.3735	.31040	.27275

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.111	.42599	.33784	.55721	1.1043	.69386	.21056
Stddev	.022	.00217	.01220	.02666	.0119	.00372	.00047
%RSD	.19762	.50847	3.6125	4.7837	1.0817	.53583	.22101

#1	11.117	.42494	.33449	.57017	1.1114	.68984	.21110
#2	11.087	.42455	.32766	.52655	1.0905	.69717	.21032
#3	11.130	.42848	.35137	.57491	1.1109	.69456	.21027

Sample Name: K1396-02MS Acquired: 2/7/2019 22:36:46 Type: Unk
Method: P4-ICP2(v2837) 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	.21866	5.417	.24253	2.0609	F<.00000
Stddev	.00075	.019	.00086	.1429	1.1640
%RSD	.34314	.3532	.35285	6.9338	4.6317
#1	.21913	5.403	.24249	2.1469	-23.954
#2	.21780	5.439	.24340	2.1398	-26.282
#3	.21906	5.409	.24169	1.8959	-25.160
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3297.1	42374.	4304.4	16.364	3814.1
Stddev	8.9	138.	36.5	1.158	19.8
%RSD	.26868	.32555	.84804	7.0776	.51982
#1	3297.3	42226.	4262.6	17.442	3818.0
#2	3305.8	42500.	4329.8	16.511	3792.6
#3	3288.1	42395.	4320.9	15.139	3831.6

Sample Name: K1396-02MSD Acquired: 2/7/2019 22:40:52 Type: Unk
Method: P4-ICP2(v2837) 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	.75330	2.0035	.96273	1.8906	.79403	1.9619	.27080
Stddev	.00509	.0064	.00315	.0103	.00275	.0178	.00308
%RSD	.67612	.31919	.32727	.54612	.34574	.90877	1.1375

#1	.74836	1.9975	.95919	1.8789	.79132	1.9497	.26832
#2	.75853	2.0103	.96378	1.8944	.79397	1.9824	.27425
#3	.75301	2.0026	.96523	1.8984	.79681	1.9537	.26983

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18770	.18777	6.6988	.41630	.19699	.31320	3.7042
Stddev	.00061	.00076	.0669	.00164	.00084	.00181	.0317
%RSD	.32591	.40641	.99837	.39446	.42789	.57690	.85628

#1	.18731	.18692	6.6217	.41450	.19609	.31159	3.6855
#2	.18738	.18797	6.7412	.41771	.19713	.31285	3.6862
#3	.18840	.18841	6.7335	.41669	.19776	.31516	3.7408

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29636	3.3718	.48924	.07001	7.3611	.30846	.27420
Stddev	.00075	.0148	.00163	.00051	.0614	.00099	.00082
%RSD	.25470	.43936	.33319	.73266	.83430	.32173	.29745

#1	.29552	3.3611	.48768	.07058	7.3444	.30751	.27328
#2	.29699	3.3655	.48911	.06987	7.3097	.30838	.27448
#3	.29658	3.3887	.49093	.06958	7.4291	.30949	.27483

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.151	.42734	.34131	.57294	1.0989	.69738	.21168
Stddev	.053	.00252	.00698	.01351	.0102	.00489	.00328
%RSD	.47845	.59065	2.0445	2.3579	.93120	.70151	1.5507

#1	11.121	.42484	.34719	.55746	1.0931	.69268	.20926
#2	11.120	.42729	.34314	.58235	1.0930	.69703	.21542
#3	11.213	.42989	.33360	.57900	1.1107	.70245	.21036

Sample Name: K1396-02MSD Acquired: 2/7/2019 22:40:52 Type: Unk
Method: P4-ICP2(v2837) 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	.21669	5.437	.24142	2.0715	F<.00000
Stddev	.00158	.026	.00251	.1519	1.6397
%RSD	.72961	.4851	1.0376	7.3347	6.4894

#1	.21791	5.410	.24032	2.1907	-24.237
#2	.21490	5.463	.23966	2.1235	-27.159
#3	.21726	5.437	.24429	1.9004	-24.408

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3300.7	42499.	4325.9	16.552	3812.6
Stddev	8.6	97.	26.0	.603	5.9
%RSD	.25916	.22766	.60084	3.6443	.15503

#1	3310.5	42390.	4331.3	15.883	3819.0
#2	3296.0	42533.	4348.8	16.719	3807.3
#3	3295.4	42574.	4297.6	17.055	3811.4

Sample Name: K1396-02A Acquired: 2/7/2019 22:44:59 Type: Unk
Method: P4-ICP2(v2837) 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	.74890	1.9896	.95615	1.8889	.79101	1.9506	.26841
Stddev	.00518	.0147	.00485	.0100	.00355	.0245	.00677
%RSD	.69140	.73730	.50741	.52757	.44930	1.2577	2.5220

#1	.74298	1.9769	.95238	1.8777	.78868	1.9225	.27622
#2	.75117	1.9861	.95445	1.8966	.79510	1.9681	.26426
#3	.75256	2.0057	.96163	1.8926	.78925	1.9611	.26474

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18641	.18671	6.6486	.41435	.19580	.31281	3.6581
Stddev	.00027	.00099	.0220	.00137	.00114	.00149	.0194
%RSD	.14317	.53070	.33141	.32953	.58358	.47586	.53015

#1	.18658	.18603	6.6708	.41292	.19563	.31161	3.6777
#2	.18611	.18626	6.6267	.41564	.19475	.31448	3.6575
#3	.18656	.18785	6.6482	.41450	.19702	.31235	3.6389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29380	3.4224	.48502	.06945	7.2836	.30831	.27188
Stddev	.00029	.0118	.00311	.00055	.0667	.00070	.00152
%RSD	.09807	.34353	.64180	.79728	.91537	.22787	.56031

#1	.29349	3.4359	.48374	.06881	7.3388	.30905	.27177
#2	.29382	3.4156	.48276	.06973	7.3025	.30825	.27041
#3	.29407	3.4156	.48857	.06980	7.2095	.30765	.27345

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.024	.42479	.33574	.55786	1.0929	.69086	.20850
Stddev	.011	.00279	.00643	.03100	.0087	.00493	.00245
%RSD	.10082	.65689	1.9152	5.5562	.79918	.71296	1.1756

#1	11.019	.42202	.34087	.59268	1.1023	.68963	.20944
#2	11.037	.42760	.32852	.53327	1.0913	.68667	.21035
#3	11.017	.42474	.33782	.54764	1.0850	.69629	.20572

Sample Name: K1396-02A Acquired: 2/7/2019 22:44:59 Type: Unk
 Method: P4-ICP2(v2837) 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	.21462	5.384	.23968	2.1019	F<.00000
Stddev	.00217	.030	.00224	.0522	2.1294
%RSD	1.0121	.5633	.93504	2.4856	8.5000

#1	.21702	5.377	.23899	2.0711	-22.594
#2	.21406	5.359	.24219	2.0724	-26.347
#3	.21279	5.418	.23787	2.1622	-26.213

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3308.6	42486.	4326.8	15.864	3831.2
Stddev	16.8	44.	44.7	.868	22.2
%RSD	.50836	.10347	1.0321	5.4716	.57887

#1	3326.6	42508.	4279.2	16.314	3842.5
#2	3293.4	42514.	4333.5	14.864	3845.5
#3	3305.7	42435.	4367.7	16.416	3805.7

Sample Name: K1385-08 Acquired: 2/7/2019 22:49:05 Type: Unk
Method: P4-ICP2(v2837) 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	-.00290	-.00383	.03679	.00026	-.00074	.13809	.20688	.00006
Stddev	.00181	.00141	.00060	.00496	.00095	.01774	.00485	.00006
%RSD	62.246	36.906	1.6219	1932.0	127.72	12.850	2.3435	109.33

#1	-.00456	-.00300	.03626	.00579	-.00097	.14517	.21222	.00012
#2	-.00317	-.00547	.03744	-.00378	-.00156	.15120	.20569	-.00000
#3	-.00098	-.00303	.03668	-.00124	.00030	.11789	.20274	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	54.891	.00147	.00196	.01210	.03129	.21331	3.9704
Stddev	.00008	.204	.00012	.00011	.00016	.00063	.00332	.0470
%RSD	35.085	.37218	7.8450	5.4809	1.3077	2.0013	1.5563	1.1837

#1	.00028	55.114	.00157	.00198	.01211	.03200	.21693	3.9201
#2	.00028	54.714	.00149	.00205	.01194	.03109	.21260	3.9778
#3	.00014	54.844	.00134	.00184	.01226	.03080	.21041	4.0132

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00426	-.00017	264.66	.00069	.08763	1.2237	.00000	.01851
Stddev	.00034	.00015	1.36	.00018	.00002	.0358	.00042	.00532
%RSD	7.9364	84.790	.51281	25.751	.02389	2.9261	18512.	28.726

#1	.00388	-.00013	266.17	.00082	.08761	1.2058	-.00003	.01247
#2	.00438	-.00034	264.29	.00049	.08765	1.2003	.00044	.02055
#3	.00453	-.00005	263.53	.00075	.08763	1.2649	-.00041	.02250

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60915	2.1352	.00247	-.00138	.00360	.0060	.16904	3.1790
Stddev	.01420	.0213	.00055	.00100	.00132	.0006	.00058	.1576
%RSD	2.3310	.99566	22.508	72.635	36.718	10.15	.34311	4.9568

#1	.59303	2.1597	.00258	-.00094	.00510	.0057	.16871	3.0473
#2	.61460	2.1241	.00296	-.00253	.00261	.0056	.16871	3.3536
#3	.61981	2.1218	.00186	-.00068	.00308	.0067	.16971	3.1361

Sample Name: K1385-08 Acquired: 2/7/2019 22:49:05 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 19.408
 Stddev 1.340
 %RSD 6.9048

#1 18.377
 #2 18.923
 #3 20.922

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3179.5	39235.	4375.5	14.588	3442.3
Stddev	11.6	147.	16.3	.326	8.8
%RSD	.36590	.37451	.37279	2.2317	.25461

#1	3185.7	39195.	4357.1	14.212	3433.4
#2	3166.1	39113.	4381.2	14.774	3450.9
#3	3186.8	39398.	4388.3	14.779	3442.6

Sample Name: K1385-08DUP Acquired: 2/7/2019 22:53:39 Type: Unk
Method: P4-ICP2(v2837) 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	-.00368	-.00284	.03690	.00008	.00001	.13605	.21772	.00001
Stddev	.00275	.00084	.00128	.00368	.00174	.00649	.00164	.00005
%RSD	74.770	29.555	3.4691	4800.3	23556.	4.7670	.75418	620.11

#1	-.00387	-.00259	.03590	.00085	-.00050	.14047	.21648	-.00005
#2	-.00633	-.00378	.03645	.00331	-.00142	.13908	.21958	.00002
#3	-.00084	-.00216	.03834	-.00393	.00194	.12861	.21709	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	55.635	.00195	.00202	.01206	.03046	.21578	3.9998
Stddev	.00007	.049	.00050	.00017	.00009	.00118	.00195	.0452
%RSD	35.392	.08818	25.537	8.3437	.77446	3.8665	.90482	1.1305

#1	.00018	55.586	.00195	.00221	.01196	.03041	.21414	3.9746
#2	.00029	55.633	.00145	.00189	.01215	.03166	.21525	4.0520
#3	.00015	55.685	.00245	.00194	.01208	.02931	.21794	3.9728

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00392	-.00036	267.85	.00018	.08917	1.2709	.00010	.01634
Stddev	.00011	.00046	2.88	.00026	.00024	.0205	.00030	.00316
%RSD	2.8300	129.18	1.0755	139.81	.26809	1.6099	303.58	19.316

#1	.00397	.00015	271.09	.00022	.08941	1.2473	.00044	.01297
#2	.00379	-.00074	266.87	-.00009	.08893	1.2821	-.00007	.01923
#3	.00400	-.00048	265.58	.00042	.08918	1.2833	-.00008	.01683

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59689	2.1484	.00263	-.00055	.00487	.0036	.17134	3.1240
Stddev	.03910	.0025	.00020	.00307	.00186	.0011	.00048	.0673
%RSD	6.5510	.11732	7.4832	554.16	38.249	31.16	.27927	2.1547

#1	.58900	2.1480	.00283	-.00160	.00413	.0024	.17091	3.1943
#2	.56234	2.1461	.00244	-.00297	.00699	.0047	.17127	3.0602
#3	.63934	2.1511	.00263	.00291	.00349	.0038	.17185	3.1174

Sample Name: K1385-08DUP Acquired: 2/7/2019 22:53:39 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 19.942
Stddev 1.103
%RSD 5.5295

#1 20.633
#2 18.671
#3 20.523

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3155.3	39237.	4323.9	16.789	3405.8
Stddev	11.5	84.	28.0	.310	4.0
%RSD	.36440	.21379	.64649	1.8437	.11762

#1	3163.8	39277.	4297.6	16.527	3405.6
#2	3142.2	39293.	4320.6	17.131	3401.9
#3	3159.9	39140.	4353.3	16.710	3409.9

Sample Name: K1385-08LX5 Acquired: 2/7/2019 22:58:11 Type: Unk
Method: P4-ICP2(v2837) 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	.00058	-.00026	.00920	.00131	-.00013	.02652	.04020	.00001
Stddev	.00078	.00094	.00044	.00011	.00103	.00585	.00531	.00004
%RSD	135.75	360.78	4.7699	8.3873	791.91	22.049	13.208	547.08

#1	-.00003	-.00110	.00936	.00143	-.00101	.02435	.04329	.00002
#2	.00030	-.00042	.00870	.00126	-.00038	.02207	.03407	.00004
#3	.00146	.00075	.00954	.00123	.00100	.03314	.04325	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	11.472	.00034	.00044	.00222	.00740	.04383	.86256
Stddev	.00009	.060	.00061	.00022	.00032	.00178	.00022	.04960
%RSD	148.39	.52526	180.33	50.027	14.335	24.113	.49191	5.7506

#1	-.00003	11.541	.00021	.00019	.00189	.00944	.04394	.91411
#2	-.00016	11.436	-.00019	.00061	.00253	.00618	.04358	.85843
#3	.00001	11.438	.00100	.00053	.00225	.00657	.04397	.81516

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00040	63.524	.00031	.01547	.26248	-.00032	.00680
Stddev	.00022	.00069	.405	.00059	.00016	.03401	.00016	.01258
%RSD	331.39	173.12	.63705	188.65	1.0193	12.956	49.852	184.86

#1	-.00017	-.00107	63.096	-.00031	.01556	.24222	-.00014	.01012
#2	.00010	-.00042	63.901	.00038	.01529	.30174	-.00038	-.00710
#3	.00026	.00030	63.573	.00087	.01557	.24347	-.00045	.01739

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08424	.45965	.00168	-.00153	.00485	.0019	.03481	2.4055
Stddev	.02411	.00440	.00049	.00027	.00098	.0007	.00024	.0713
%RSD	28.621	.95730	29.217	17.514	20.199	37.42	.70155	2.9646

#1	.05642	.45973	.00141	-.00142	.00592	.0011	.03461	2.3729
#2	.09723	.46401	.00225	-.00183	.00400	.0023	.03509	2.4873
#3	.09908	.45522	.00139	-.00133	.00462	.0022	.03475	2.3564

Sample Name: K1385-08LX5 Acquired: 2/7/2019 22:58:11 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.4333
Stddev 1.4918
%RSD 15.814

#1 8.1173
#2 9.1288
#3 11.054

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3292.1	41341.	4361.7	17.065	3696.7
Stddev	15.8	72.	13.2	.692	19.3
%RSD	.48143	.17338	.30321	4.0549	.52179

#1	3276.0	41407.	4358.7	16.279	3674.4
#2	3292.5	41265.	4350.3	17.580	3708.8
#3	3307.7	41353.	4376.2	17.337	3706.7

Sample Name: K1385-08MS Acquired: 2/7/2019 23:02:38 Type: Unk
Method: P4-ICP2(v2837) 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	.79433	1.9713	1.0187	2.0513	.81504	2.2413	.42692
Stddev	.00508	.0012	.0017	.0112	.00184	.0161	.00417
%RSD	.63970	.06295	.16985	.54805	.22519	.71644	.97738

#1	.79707	1.9710	1.0199	2.0613	.81716	2.2228	.43148
#2	.78847	1.9727	1.0195	2.0534	.81400	2.2503	.42329
#3	.79747	1.9703	1.0167	2.0391	.81395	2.2508	.42599

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20521	.20094	59.079	.41854	.20484	.31665	3.0786
Stddev	.00054	.00009	.333	.00115	.00028	.00154	.0167
%RSD	.26200	.04232	.56293	.27425	.13453	.48530	.54144

#1	.20573	.20100	59.112	.41806	.20495	.31817	3.0895
#2	.20522	.20098	58.731	.41985	.20505	.31667	3.0594
#3	.20466	.20084	59.394	.41770	.20453	.31510	3.0869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42385	6.1145	.51016	.07294	279.93	.31807	.31636
Stddev	.00082	.0132	.00090	.00034	2.36	.00188	.00051
%RSD	.19391	.21501	.17721	.47226	.84133	.59235	.16244

#1	.42460	6.1000	.50989	.07323	278.42	.31918	.31665
#2	.42399	6.1257	.51116	.07302	278.72	.31589	.31576
#3	.42297	6.1179	.50941	.07256	282.64	.31913	.31665

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.856	.42742	.33807	.59844	3.1451	.73133	.21207
Stddev	.068	.00068	.00458	.01145	.0334	.00347	.00192
%RSD	.57187	.15929	1.3558	1.9138	1.0626	.47398	.90657

#1	11.893	.42778	.33688	.58853	3.1831	.73426	.21234
#2	11.778	.42784	.34313	.61098	3.1318	.73222	.21003
#3	11.897	.42663	.33420	.59581	3.1203	.72750	.21384

Sample Name: K1385-08MS Acquired: 2/7/2019 23:02:38 Type: Unk
Method: P4-ICP2(v2837) 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	.22398	6.262	.37549	3.5219	F<.00000
Stddev	.00270	.018	.00231	.0796	3.6977
%RSD	1.2054	.2819	.61536	2.2610	110.58
#1	.22408	6.279	.37530	3.4424	-3.3157
#2	.22123	6.262	.37328	3.5217	-7.0557
#3	.22663	6.244	.37789	3.6016	.33950
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3127.5	38820.	4234.8	15.976	3359.5
Stddev	18.1	58.	38.6	1.509	12.7
%RSD	.57831	.14853	.91169	9.4444	.37678
#1	3107.7	38758.	4193.6	15.497	3345.0
#2	3131.5	38831.	4270.2	17.667	3365.2
#3	3143.2	38872.	4240.7	14.765	3368.2

Sample Name: K1385-08MSD Acquired: 2/7/2019 23:06:53 Type: Unk
Method: P4-ICP2(v2837) 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	.79666	1.9680	1.0148	2.0371	.81209	2.2088	.41480
Stddev	.00204	.0022	.0010	.0042	.00461	.0179	.00255
%RSD	.25550	.11173	.10137	.20803	.56784	.80968	.61585

#1	.79602	1.9690	1.0137	2.0323	.81649	2.1901	.41214
#2	.79503	1.9655	1.0149	2.0387	.80730	2.2107	.41723
#3	.79894	1.9695	1.0157	2.0403	.81248	2.2257	.41505

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20486	.19975	55.746	.41997	.20357	.31641	3.0664
Stddev	.00055	.00029	.216	.00111	.00083	.00087	.0081
%RSD	.26654	.14454	.38802	.26321	.40663	.27379	.26321

#1	.20426	.20005	55.502	.42124	.20426	.31667	3.0618
#2	.20500	.19974	55.824	.41946	.20381	.31544	3.0616
#3	.20532	.19947	55.912	.41921	.20265	.31711	3.0757

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41329	5.9966	.50659	.07266	266.19	.31853	.31655
Stddev	.00029	.0406	.00106	.00015	1.31	.00059	.00057
%RSD	.07061	.67714	.20877	.21312	.49353	.18531	.18071

#1	.41295	5.9721	.50684	.07282	267.39	.31801	.31721
#2	.41345	5.9742	.50542	.07266	266.39	.31917	.31621
#3	.41346	6.0434	.50749	.07251	264.78	.31841	.31623

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.754	.42622	.33299	.57077	3.0276	.72617	.21252
Stddev	.008	.00148	.00947	.03414	.0155	.00043	.00168
%RSD	.07182	.34724	2.8437	5.9806	.51089	.05859	.79194

#1	11.755	.42639	.34220	.54233	3.0318	.72580	.21411
#2	11.745	.42467	.33349	.60863	3.0104	.72608	.21076
#3	11.762	.42761	.32329	.56136	3.0405	.72664	.21269

Sample Name: K1385-08MSD Acquired: 2/7/2019 23:06:53 Type: Unk
Method: P4-ICP2(v2837) 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	.22215	6.200	.36401	3.4381	F<.00000
Stddev	.00219	.012	.00063	.0757	1.2947
%RSD	.98589	.1891	.17321	2.2033	24.355

#1	.21982	6.213	.36353	3.4733	-4.0418
#2	.22247	6.190	.36473	3.4898	-6.6303
#3	.22417	6.198	.36378	3.3511	-5.2760

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3147.6	38973.	4250.6	15.566	3392.1
Stddev	8.7	89.	10.5	1.227	6.3
%RSD	.27695	.22799	.24711	7.8812	.18674

#1	3142.7	38871.	4250.3	14.160	3385.5
#2	3157.7	39017.	4261.3	16.120	3398.2
#3	3142.6	39031.	4240.3	16.418	3392.5

Sample Name: K1385-08A Acquired: 2/7/2019 23:11:08 Type: Unk
Method: P4-ICP2(v2837) 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	.79147	1.9616	1.0114	2.0241	.80789	2.2185	.42028
Stddev	.00204	.0085	.0009	.0088	.00190	.0146	.00879
%RSD	.25813	.43179	.09052	.43291	.23572	.65569	2.0921

#1	.79305	1.9705	1.0119	2.0199	.80970	2.2129	.41561
#2	.78916	1.9537	1.0120	2.0183	.80805	2.2350	.43042
#3	.79219	1.9606	1.0104	2.0342	.80591	2.2076	.41480

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20364	.19953	56.491	.41954	.20382	.31505	3.0634
Stddev	.00029	.00057	.503	.00210	.00006	.00166	.0279
%RSD	.14099	.28551	.89070	.49981	.03040	.52570	.91009

#1	.20342	.19991	55.929	.42111	.20385	.31695	3.0312
#2	.20354	.19888	56.647	.42037	.20386	.31424	3.0780
#3	.20396	.19980	56.899	.41716	.20375	.31395	3.0808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41588	6.0378	.50624	.07275	267.80	.31831	.31459
Stddev	.00018	.0686	.00127	.00085	1.09	.00178	.00098
%RSD	.04382	1.1358	.25168	1.1725	.40764	.55846	.31127

#1	.41598	5.9593	.50731	.07271	267.26	.31954	.31549
#2	.41567	6.0686	.50658	.07363	267.08	.31627	.31355
#3	.41599	6.0857	.50483	.07193	269.05	.31912	.31475

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.722	.42379	.33289	.62732	3.0447	.72479	.20794
Stddev	.025	.00033	.01273	.00642	.0291	.00165	.00206
%RSD	.21080	.07859	3.8236	1.0235	.95530	.22832	.99008

#1	11.693	.42417	.32130	.62313	3.0164	.72664	.20809
#2	11.738	.42363	.34651	.62413	3.0431	.72429	.20992
#3	11.734	.42356	.33087	.63472	3.0745	.72345	.20581

Sample Name: K1385-08A Acquired: 2/7/2019 23:11:08 Type: Unk
 Method: P4-ICP2(v2837) 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	.22181	6.217	.36514	3.5495	F<.00000
Stddev	.00189	.009	.00304	.0982	2.7851
%RSD	.85285	.1526	.83334	2.7653	53.197
#1	.22157	6.227	.36194	3.5468	-7.2460
#2	.22381	6.217	.36550	3.6489	-2.0564
#3	.22005	6.208	.36799	3.4526	-6.4037
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3148.1	38849.	4254.1	15.489	3385.7
Stddev	9.7	115.	31.6	.751	12.1
%RSD	.30958	.29591	.74233	4.8497	.35683
#1	3137.0	38875.	4290.5	16.336	3371.9
#2	3155.0	38723.	4234.9	15.228	3391.3
#3	3152.4	38948.	4236.7	14.903	3394.0

Sample Name: K1389-04 Acquired: 2/7/2019 23:15:24 Type: Unk
Method: P4-ICP2(v2837) 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	-.00516	-.00473	.01375	.00075	.00069	.22166	.21105	.00035
Stddev	.00184	.00065	.00099	.00113	.00054	.00556	.00303	.00006
%RSD	35.615	13.713	7.2305	151.76	78.841	2.5063	1.4353	17.070

#1	-.00495	-.00547	.01358	-.00035	.00131	.22615	.21194	.00042
#2	-.00709	-.00444	.01285	.00191	.00043	.22339	.20767	.00030
#3	-.00343	-.00428	.01482	.00067	.00032	.21545	.21353	.00034

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	38.355	-.00008	.00297	.00668	2.4022	1.8202	.97663
Stddev	.00006	.103	.00043	.00029	.00006	.0125	.0013	.00886
%RSD	175.96	.26847	569.00	9.8188	.97103	.52074	.06919	.90670

#1	.00010	38.240	-.00044	.00271	.00664	2.4062	1.8204	.98438
#2	.00003	38.389	.00040	.00292	.00675	2.3882	1.8213	.96698
#3	-.00002	38.437	-.00018	.00328	.00664	2.4122	1.8188	.97855

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00300	.00005	275.18	-.00151	.11057	.92767	-.00011	.01631
Stddev	.00083	.00029	1.77	.00079	.00024	.04018	.00017	.01006
%RSD	27.808	626.91	.64255	52.529	.21410	4.3317	155.33	61.646

#1	.00393	.00024	273.59	-.00191	.11082	.89438	.00008	.01372
#2	.00275	-.00029	274.86	-.00203	.11056	.97231	-.00017	.02741
#3	.00232	.00019	277.08	-.00060	.11034	.91632	-.00024	.00781

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65924	3.0190	.00315	.00112	.00886	.0065	.20196	3.3834
Stddev	.01656	.0104	.00062	.00271	.00229	.0006	.00080	.0375
%RSD	2.5117	.34615	19.738	240.79	25.851	8.966	.39781	1.1085

#1	.64830	3.0293	.00377	.00425	.00783	.0072	.20141	3.3984
#2	.65113	3.0084	.00315	-.00036	.00726	.0062	.20159	3.4110
#3	.67829	3.0193	.00252	-.00051	.01148	.0062	.20288	3.3407

Sample Name: K1389-04 Acquired: 2/7/2019 23:15:24 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.408
 Stddev 1.124
 %RSD 10.798

#1 11.603
 #2 9.3727
 #3 10.247

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3154.0	38937.	4326.8	15.755	3393.2
Stddev	10.2	152.	12.7	1.418	7.4
%RSD	.32375	.39011	.29276	8.9991	.21744

#1	3160.8	38846.	4332.5	17.370	3392.9
#2	3159.0	38852.	4335.7	14.716	3400.8
#3	3142.3	39112.	4312.3	15.180	3386.0

Sample Name: CCV12 Acquired: 2/7/2019 23:19:56 Type: Unk
Method: P4-ICP2(v2837) 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	4.9511	5.1257	5.0279	5.0248	5.0846	9.9072	9.6516	.24816
Stddev	.0236	.0174	.0130	.0171	.0102	.1108	.0612	.00032
%RSD	.47580	.33882	.25863	.33951	.20131	1.1179	.63379	.12799
#1	4.9724	5.1255	5.0354	5.0356	5.0936	9.7822	9.7072	.24843
#2	4.9551	5.1432	5.0354	5.0336	5.0869	9.9932	9.5860	.24825
#3	4.9258	5.1085	5.0129	5.0051	5.0735	9.9461	9.6615	.24781
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4973	26.802	1.0092	2.4826	1.2650	5.1381	2.5167	25.959
Stddev	.0086	.118	.0033	.0050	.0024	.0466	.0001	.165
%RSD	.34332	.43860	.32738	.20303	.18754	.90756	.00448	.63459
#1	2.5049	26.792	1.0056	2.4866	1.2673	5.1809	2.5169	25.777
#2	2.4990	26.690	1.0099	2.4841	1.2653	5.0884	2.5167	26.002
#3	2.4880	26.924	1.0121	2.4769	1.2625	5.1449	2.5166	26.098
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4879	1.2473	25.969	2.5014	2.5289	25.081	5.0769	5.1436
Stddev	.0054	.0011	.184	.0030	.0077	.176	.0083	.0118
%RSD	.21553	.08978	.70693	.11905	.30525	.70099	.16311	.23027
#1	2.4917	1.2468	26.105	2.5041	2.5337	25.186	5.0815	5.1311
#2	2.4902	1.2486	25.760	2.5018	2.5330	24.878	5.0818	5.1449
#3	2.4818	1.2465	26.041	2.4982	2.5200	25.178	5.0673	5.1547
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8617	5.0076	5.0812	5.0936	5.0918	5.135	4.9827	F 2.8603
Stddev	.0485	.0475	.0169	.0188	.0315	.015	.0320	.0771
%RSD	.99803	.94813	.33233	.36949	.61838	.2875	.64145	2.6948
#1	4.8347	5.0553	5.0990	5.0811	5.1194	5.151	5.0132	2.7725
#2	4.9177	4.9604	5.0794	5.0844	5.0575	5.132	4.9494	2.8917
#3	4.8327	5.0072	5.0654	5.1152	5.0985	5.122	4.9855	2.9167

Sample Name: CCV12 Acquired: 2/7/2019 23:19:56 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.0967
Stddev	.9353
%RSD	18.352

#1	5.0233
#2	4.2002
#3	6.0666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3267.1	41015.	4335.3	15.172	3523.4
Stddev	7.0	80.	39.6	.661	12.0
%RSD	.21371	.19580	.91269	4.3560	.34040

#1	3261.3	41029.	4291.8	14.488	3513.3
#2	3265.1	40928.	4369.3	15.221	3520.3
#3	3274.9	41087.	4344.8	15.807	3536.6

Sample Name: CCB12 Acquired: 2/7/2019 23:23:56 Type: Unk
Method: P4-ICP2(v2837) 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	-.00140	-.00035	.00140	-.00013	-.00097	.00368	-.00423
Stddev	.00215	.00020	.00104	.00166	.00175	.01022	.00608
%RSD	153.91	56.619	74.273	1320.4	179.79	277.40	143.74

#1	-.00012	-.00046	.00245	-.00089	-.00004	.01531	-.00120
#2	-.00389	-.00048	.00140	-.00126	-.00299	-.00387	-.00026
#3	-.00019	-.00012	.00036	.00178	.00012	-.00039	-.01122

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00007	-.00319	.00045	.00010	-.00070	-.00096
Stddev	.00004	.00004	.02033	.00010	.00016	.00078	.00230
%RSD	136.75	58.121	636.52	21.807	157.25	110.55	240.07

#1	.00002	-.00008	.01955	.00056	.00013	.00016	-.00334
#2	-.00005	-.00003	-.01962	.00042	.00024	-.00092	.00125
#3	-.00005	-.00012	-.00951	.00037	-.00007	-.00134	-.00078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.02228	-.00042	-.00013	.09483	.00052	-.00243
Stddev	.00006	.03362	.00048	.00046	.01568	.00012	.00006
%RSD	109.52	150.87	112.37	345.42	16.532	22.994	2.3376

#1	-.00007	.03604	-.00055	.00039	.08267	.00063	-.00249
#2	-.00009	-.01603	-.00082	-.00033	.08929	.00039	-.00238
#3	.00001	.04683	.00010	-.00046	.11252	.00054	-.00243

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00146	.00028	.01816	F -.05985	-.00159	.00048	-.00077
Stddev	.05136	.00017	.00404	.00433	.00130	.00093	.00107
%RSD	3517.1	60.641	22.256	7.2289	81.824	192.27	138.97

#1	-.05062	.00023	.01651	-.05560	-.00127	.00144	-.00149
#2	.05184	.00014	.02276	-.05971	-.00048	.00041	-.00129
#3	-.00560	.00047	.01520	-.06425	-.00302	-.00041	.00046

Sample Name: CCB12 Acquired: 2/7/2019 23:23:56 Type: Unk
Method: P4-ICP2(v2837) 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	-.00047	-.0008	.00023	F 1.4368	F 1.0321
Stddev	.00158	.0008	.00004	.1252	.6361
%RSD	332.96	98.75	15.795	8.7124	61.629
#1	.00099	-.0016	.00023	1.5716	1.2302
#2	-.00027	-.0002	.00020	1.3242	.32051
#3	-.00215	-.0005	.00027	1.4148	1.5454
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3402.5	43510.	4381.1	15.917	3964.1
Stddev	4.0	103.	35.1	.366	7.8
%RSD	.11741	.23602	.80214	2.2972	.19566
#1	3398.1	43426.	4346.6	15.768	3956.7
#2	3403.5	43624.	4379.9	15.650	3963.5
#3	3405.9	43479.	4416.9	16.334	3972.2

Sample Name: K1389-08 Acquired: 2/7/2019 23:28:25 Type: Unk
Method: P4-ICP2(v2837) 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	.00186	-.00244	.09582	-.00001	.00120	.17188	.19426	.00026
Stddev	.00059	.00154	.00152	.00145	.00081	.00878	.00227	.00003
%RSD	31.728	62.913	1.5847	21689.	67.634	5.1099	1.1693	13.335

#1	.00248	-.00363	.09477	.00078	.00205	.16354	.19329	.00030
#2	.00181	-.00298	.09756	.00088	.00113	.17107	.19686	.00023
#3	.00130	-.00071	.09513	-.00168	.00043	.18105	.19264	.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	30.758	.00071	.00343	.00948	1.7678	.74586	3.5303
Stddev	.00015	.092	.00035	.00017	.00042	.0229	.00074	.0337
%RSD	29.457	.29925	48.891	4.8360	4.4190	1.2951	.09855	.95416

#1	.00065	30.673	.00072	.00338	.00997	1.7812	.74670	3.4991
#2	.00046	30.746	.00104	.00361	.00921	1.7414	.74550	3.5258
#3	.00036	30.856	.00035	.00329	.00928	1.7809	.74537	3.5660

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00562	-.00027	295.07	-.00019	.06278	1.3381	.00039	.02491
Stddev	.00030	.00023	1.29	.00026	.00021	.0483	.00030	.00354
%RSD	5.3193	86.429	.43752	139.14	.32907	3.6082	77.614	14.232

#1	.00551	-.00002	295.34	-.00047	.06283	1.2905	.00067	.02083
#2	.00596	-.00031	293.67	-.00015	.06295	1.3870	.00007	.02664
#3	.00539	-.00047	296.21	.00005	.06255	1.3369	.00042	.02725

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66748	2.5119	.00267	-.00156	.00510	.0026	.12598	3.3830
Stddev	.02050	.0350	.00061	.00129	.00302	.0009	.00027	.0251
%RSD	3.0713	1.3951	22.735	82.826	59.081	32.34	.21152	.74268

#1	.66298	2.5412	.00199	-.00304	.00163	.0018	.12570	3.4117
#2	.68986	2.4731	.00284	-.00071	.00661	.0027	.12623	3.3723
#3	.64961	2.5215	.00317	-.00091	.00707	.0035	.12600	3.3651

Sample Name: K1389-08 Acquired: 2/7/2019 23:28:25 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.691
Stddev .997
%RSD 9.3219

#1 9.5768
#2 11.498
#3 10.998

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3142.8	38811.	4337.6	15.886	3381.1
Stddev	7.1	49.	55.4	.852	16.2
%RSD	.22442	.12632	1.2772	5.3613	.47849

#1	3135.4	38768.	4293.8	15.186	3369.3
#2	3143.6	38801.	4399.9	15.636	3374.5
#3	3149.5	38864.	4319.2	16.834	3399.6

Sample Name: K1389-12 Acquired: 2/7/2019 23:32:58 Type: Unk
Method: P4-ICP2(v2837) 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	-.00285	-.00271	.01192	.00173	.00031	.19238	.15644	.00011
Stddev	.00132	.00130	.00070	.00090	.00126	.00532	.00230	.00002
%RSD	46.271	47.773	5.8871	51.998	404.66	2.7657	1.4734	15.453

#1	-.00414	-.00122	.01204	.00197	.00006	.18643	.15387	.00012
#2	-.00150	-.00332	.01255	.00249	-.00080	.19403	.15833	.00010
#3	-.00292	-.00359	.01116	.00074	.00169	.19668	.15711	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	14.587	.00056	.00190	.04342	.06160	1.1771	.69287
Stddev	.00013	.083	.00035	.00009	.00015	.00211	.0044	.02055
%RSD	50.313	.57150	62.469	4.8535	.35204	3.4194	.37106	2.9658

#1	.00037	14.500	.00016	.00199	.04325	.05964	1.1764	.67243
#2	.00027	14.666	.00072	.00189	.04346	.06134	1.1732	.71352
#3	.00012	14.595	.00080	.00181	.04355	.06383	1.1818	.69267

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00297	.00035	279.20	-.00063	.02627	1.0221	.00007	.00622
Stddev	.00024	.00025	3.55	.00046	.00014	.0055	.00013	.00665
%RSD	8.1555	70.633	1.2722	72.104	.53568	.54223	172.65	106.78

#1	.00324	.00007	275.26	-.00012	.02644	1.0169	.00012	.01359
#2	.00288	.00046	280.19	-.00077	.02620	1.0279	.00017	.00441
#3	.00279	.00053	282.16	-.00101	.02618	1.0215	-.00007	.00068

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33750	1.4649	.00194	.00171	.00506	.0079	.09304	3.3574
Stddev	.00726	.0076	.00050	.00284	.00076	.0005	.00075	.1527
%RSD	2.1498	.51761	26.002	166.50	15.113	6.255	.80806	4.5471

#1	.34038	1.4584	.00246	.00490	.00495	.0084	.09230	3.5251
#2	.32925	1.4630	.00190	.00077	.00587	.0077	.09301	3.2266
#3	.34288	1.4732	.00145	-.00055	.00435	.0075	.09380	3.3204

Sample Name: K1389-12 Acquired: 2/7/2019 23:32:58 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 13.284
 Stddev 1.816
 %RSD 13.668

#1 14.172
 #2 11.195
 #3 14.484

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3166.5	39096.	4299.7	15.945	3433.2
Stddev	5.9	65.	25.3	1.240	5.2
%RSD	.18728	.16734	.58787	7.7757	.15034

#1	3164.7	39136.	4325.8	17.227	3431.2
#2	3161.6	39131.	4297.8	15.857	3429.3
#3	3173.1	39020.	4275.4	14.752	3439.0

Sample Name: K1389-16 Acquired: 2/7/2019 23:37:32 Type: Unk
Method: P4-ICP2(v2837) 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	-.00482	-.00531	.00832	.00062	.00066	.05206	.26709	-.00001
Stddev	.00088	.00277	.00042	.00130	.00150	.00394	.00230	.00009
%RSD	18.340	52.224	5.0950	210.86	226.44	7.5697	.86282	675.59

#1	-.00538	-.00827	.00786	.00027	.00215	.04876	.26467	.00008
#2	-.00380	-.00488	.00839	-.00048	.00069	.05099	.26733	-.00009
#3	-.00527	-.00277	.00870	.00205	-.00085	.05643	.26926	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	61.893	.00061	.00017	.00655	.01360	1.0352	1.4340
Stddev	.00005	.246	.00028	.00012	.00023	.00377	.0017	.0348
%RSD	20.373	.39770	46.254	68.652	3.4759	27.730	.16675	2.4306

#1	-.00022	61.898	.00089	.00004	.00651	.01701	1.0334	1.4276
#2	-.00033	62.136	.00062	.00028	.00680	.01423	1.0369	1.4027
#3	-.00024	61.644	.00032	.00020	.00635	.00955	1.0352	1.4716

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00212	.00017	252.89	-.00044	.01867	.62682	-.00008	.01028
Stddev	.00029	.00032	2.60	.00039	.00009	.01205	.00026	.00638
%RSD	13.819	185.02	1.0272	88.707	.49929	1.9227	311.90	62.074

#1	.00204	-.00013	254.79	-.00003	.01878	.62292	-.00027	.01639
#2	.00188	.00014	253.95	-.00081	.01860	.64034	-.00020	.01079
#3	.00245	.00050	249.93	-.00048	.01863	.61720	.00022	.00366

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31013	.39089	.00311	-.00140	.01138	.1324	.07717	3.2984
Stddev	.01819	.00508	.00041	.00232	.00160	.0012	.00007	.1220
%RSD	5.8665	1.3006	13.360	165.82	14.019	.8854	.09623	3.6974

#1	.29729	.38658	.00284	.00103	.00981	.1335	.07711	3.2607
#2	.33095	.39650	.00290	-.00163	.01300	.1311	.07726	3.1998
#3	.30214	.38961	.00358	-.00358	.01134	.1327	.07715	3.4348

Sample Name: K1389-16 Acquired: 2/7/2019 23:37:32 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 21.580
Stddev .494
%RSD 2.2900

#1 22.127
#2 21.166
#3 21.447

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3153.2	38973.	4293.2	15.799	3396.5
Stddev	6.8	42.	42.0	.681	7.2
%RSD	.21461	.10877	.97747	4.3099	.21194

#1	3151.7	38943.	4277.7	16.078	3388.4
#2	3147.3	38956.	4261.1	15.023	3402.3
#3	3160.5	39022.	4340.7	16.296	3398.8

Sample Name: K1389-20 Acquired: 2/7/2019 23:42:07 Type: Unk
Method: P4-ICP2(v2837) 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	-.00179	-.00348	.00377	-.00053	.00163	.04680	.15102	.00016
Stddev	.00310	.00178	.00109	.00250	.00115	.01533	.00224	.00005
%RSD	172.72	51.178	28.990	470.94	70.641	32.767	1.4808	31.985

#1	-.00489	-.00159	.00439	-.00317	.00288	.02925	.14939	.00019
#2	.00131	-.00373	.00251	-.00020	.00140	.05355	.15010	.00010
#3	-.00181	-.00513	.00442	.00178	.00061	.05760	.15357	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	14.495	.00186	-.00015	.00394	.01507	.02866	2.4841
Stddev	.00004	.094	.00017	.00001	.00036	.00142	.00014	.0756
%RSD	15.718	.64553	9.1754	6.5573	9.0614	9.4010	.50091	3.0443

#1	-.00029	14.417	.00203	-.00014	.00382	.01645	.02862	2.5529
#2	-.00028	14.469	.00187	-.00014	.00366	.01362	.02854	2.4031
#3	-.00021	14.599	.00169	-.00016	.00434	.01513	.02882	2.4964

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	-.00001	235.54	.00068	.01011	1.6111	.00002	.01448
Stddev	.00042	.00029	.14	.00027	.00005	.0071	.00010	.01248
%RSD	164.94	2023.4	.05864	39.192	.51246	.44117	441.15	86.149

#1	.00070	.00013	235.50	.00038	.01016	1.6031	.00001	.00172
#2	-.00014	.00017	235.42	.00089	.01006	1.6136	.00013	.02665
#3	.00020	-.00034	235.69	.00078	.01012	1.6167	-.00007	.01508

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15281	.62406	.00265	-.00341	.00665	.0222	.06476	3.1520
Stddev	.02809	.00343	.00029	.00167	.00054	.0017	.00014	.0668
%RSD	18.383	.54916	10.877	48.841	8.0883	7.677	.21956	2.1189

#1	.14371	.62287	.00258	-.00212	.00637	.0242	.06460	3.2219
#2	.18432	.62792	.00240	-.00529	.00728	.0212	.06478	3.1453
#3	.13040	.62138	.00296	-.00282	.00632	.0212	.06488	3.0888

Sample Name: K1389-20 Acquired: 2/7/2019 23:42:07 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 13.086
Stddev 1.866
%RSD 14.259

#1 14.586
#2 10.996
#3 13.676

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3159.6	39152.	4288.5	14.661	3440.6
Stddev	17.6	41.	16.2	.382	15.0
%RSD	.55835	.10357	.37757	2.6031	.43555

#1	3151.7	39106.	4301.9	14.295	3423.3
#2	3147.3	39169.	4270.5	14.630	3448.0
#3	3179.8	39182.	4293.1	15.057	3450.4

Sample Name: K1394-01 Acquired: 2/7/2019 23:46:43 Type: Unk
Method: P4-ICP2(v2837) 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	-.00344	-.00420	.00982	-.00062	-.00088	.00498	.02696	-.00002
Stddev	.00368	.00061	.00002	.00184	.00030	.00919	.00482	.00004
%RSD	107.23	14.507	.23167	298.17	33.598	184.44	17.863	261.44

#1	-.00561	-.00448	.00982	-.00272	-.00055	-.00020	.03154	.00001
#2	-.00552	-.00462	.00980	.00012	-.00110	.01559	.02740	-.00006
#3	.00082	-.00350	.00985	.00074	-.00101	-.00045	.02194	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	229.40	.00262	.00041	.00023	-.00497	.02272	6.0732
Stddev	.00008	2.43	.00024	.00036	.00042	.00209	.00008	.0637
%RSD	19.564	1.0607	9.0732	88.322	184.97	42.145	.37099	1.0494

#1	-.00033	231.56	.00258	.00038	.00057	-.00463	.02262	6.1463
#2	-.00036	226.77	.00241	.00079	.00035	-.00306	.02274	6.0442
#3	-.00048	229.89	.00288	.00006	-.00024	-.00720	.02279	6.0292

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00201	-.00078	307.23	.00234	.00365	4.2116	.00052	.04672
Stddev	.00031	.00014	.45	.00016	.00009	.0383	.00012	.00862
%RSD	15.653	17.929	.14687	6.8853	2.3881	.90922	23.886	18.440

#1	.00181	-.00063	306.74	.00247	.00360	4.2328	.00063	.04517
#2	.00237	-.00090	307.33	.00238	.00376	4.1674	.00038	.03899
#3	.00184	-.00082	307.62	.00216	.00361	4.2347	.00054	.05601

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3068	7.0591	.00048	-.00636	.03442	.0092	1.2026	3.5445
Stddev	.0351	.0806	.00105	.00122	.00211	.0020	.0142	.0352
%RSD	.37714	1.1413	220.59	19.247	6.1365	21.26	1.1828	.99191

#1	9.2684	7.1484	-.00072	-.00608	.03331	.0104	1.2150	3.5151
#2	9.3148	6.9920	.00092	-.00770	.03685	.0069	1.1871	3.5835
#3	9.3372	7.0368	.00123	-.00530	.03309	.0103	1.2058	3.5349

Sample Name: K1394-01 Acquired: 2/7/2019 23:46:43 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 29.144
 Stddev 1.806
 %RSD 6.1956

#1 29.883
 #2 27.087
 #3 30.464

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3067.0	38140.	4258.2	16.213	3277.4
Stddev	8.9	147.	60.3	.781	11.0
%RSD	.29180	.38573	1.4152	4.8191	.33537

#1	3068.9	38006.	4188.9	15.352	3287.2
#2	3057.2	38117.	4298.2	16.876	3265.5
#3	3074.8	38298.	4287.5	16.411	3279.4

Sample Name: K1394-03 Acquired: 2/7/2019 23:51:18 Type: Unk
Method: P4-ICP2(v2837) 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	-.00309	-.00342	.00910	.00270	-.00090	.05197	.02620	-.00007
Stddev	.00287	.00064	.00104	.00263	.00276	.01900	.00293	.00006
%RSD	92.815	18.862	11.423	97.566	306.41	36.552	11.182	76.420

#1	-.00024	-.00272	.00839	.00563	-.00194	.04130	.02893	-.00011
#2	-.00306	-.00354	.00862	.00193	-.00300	.04071	.02311	-.00010
#3	-.00597	-.00400	.01029	.00054	.00223	.07390	.02655	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	187.63	.00834	.00158	.00279	.02474	.04314	6.2793
Stddev	.00007	1.38	.00052	.00014	.00034	.00011	.00016	.0549
%RSD	22.188	.73656	6.1924	8.7621	12.008	.43497	.37971	.87431

#1	-.00025	186.74	.00891	.00149	.00246	.02474	.04324	6.2865
#2	-.00037	189.22	.00820	.00173	.00313	.02463	.04323	6.3303
#3	-.00038	186.93	.00790	.00150	.00279	.02485	.04295	6.2212

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00465	-.00020	239.08	.00372	.00339	9.5651	.00170	.07340
Stddev	.00039	.00023	1.29	.00027	.00018	.0124	.00006	.01486
%RSD	8.3443	119.50	.53778	7.1545	5.1714	.13004	3.4787	20.247

#1	.00438	-.00047	238.74	.00400	.00328	9.5779	.00164	.05960
#2	.00448	-.00004	240.50	.00367	.00359	9.5531	.00176	.07147
#3	.00509	-.00009	238.00	.00348	.00330	9.5644	.00169	.08914

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7508	5.6773	.00050	-.00157	.02890	.0178	1.1594	3.1707
Stddev	.0629	.0347	.00088	.00063	.00175	.0025	.0080	.1306
%RSD	.71915	.61160	178.06	40.136	6.0602	14.27	.68701	4.1175

#1	8.8230	5.6614	.00139	-.00109	.02711	.0158	1.1588	3.2562
#2	8.7081	5.7171	-.00038	-.00134	.03061	.0206	1.1677	3.2356
#3	8.7212	5.6534	.00048	-.00228	.02898	.0169	1.1518	3.0205

Sample Name: K1394-03 Acquired: 2/7/2019 23:51:18 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 26.633
 Stddev 1.143
 %RSD 4.2921

#1 27.858
 #2 25.595
 #3 26.445

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3142.7	39066.	4326.1	15.754	3385.4
Stddev	9.0	189.	24.1	.976	5.9
%RSD	.28675	.48382	.55716	6.1982	.17393

#1	3133.6	38933.	4346.2	16.804	3380.0
#2	3143.0	38982.	4299.4	14.873	3384.5
#3	3151.6	39282.	4332.6	15.585	3391.6

Sample Name: K1396-01 Acquired: 2/7/2019 23:55:54 Type: Unk
Method: P4-ICP2(v2837) 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	-.00138	-.00250	.00589	-.00127	.00015	.10253	.18446	-.00006
Stddev	.00241	.00067	.00124	.00160	.00017	.00924	.00397	.00003
%RSD	175.00	26.663	21.098	126.35	113.97	9.0132	2.1548	42.716

#1	-.00383	-.00216	.00701	.00046	.00007	.09417	.18794	-.00009
#2	.00099	-.00208	.00456	-.00155	.00034	.10098	.18531	-.00007
#3	-.00129	-.00327	.00610	-.00270	.00003	.11245	.18013	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	10.236	.00074	.00024	.00073	.12475	.05282	2.8542
Stddev	.00010	.028	.00020	.00019	.00044	.00213	.00061	.0509
%RSD	104.86	.26906	26.973	79.131	60.431	1.7040	1.1612	1.7840

#1	.00022	10.267	.00091	.00046	.00022	.12628	.05263	2.7999
#2	.00005	10.225	.00079	.00018	.00102	.12564	.05351	2.8619
#3	.00003	10.215	.00052	.00009	.00095	.12232	.05232	2.9009

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00011	223.14	.00064	.16436	3.4487	.00009	.04932
Stddev	.00033	.00053	3.66	.00015	.00079	.0702	.00026	.00683
%RSD	93.966	469.41	1.6416	24.022	.47767	2.0361	278.57	13.858

#1	-.00004	.00007	226.29	.00080	.16368	3.3678	-.00021	.04571
#2	-.00031	-.00040	219.12	.00050	.16417	3.4946	.00024	.05720
#3	-.00070	.00067	224.02	.00061	.16522	3.4836	.00025	.04505

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27466	.16731	.00166	.00223	.00530	.3695	.06572	2.5857
Stddev	.02368	.00205	.00061	.00170	.00341	.0013	.00027	.2022
%RSD	8.6226	1.2234	36.816	76.120	64.332	.3477	.40633	7.8183

#1	.26173	.16658	.00098	.00088	.00883	.3680	.06549	2.5622
#2	.30200	.16573	.00182	.00168	.00202	.3703	.06566	2.3963
#3	.26026	.16962	.00218	.00414	.00505	.3702	.06601	2.7986

Sample Name: K1396-01 Acquired: 2/7/2019 23:55:54 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.292
Stddev	.881
%RSD	7.1701

#1	11.769
#2	13.309
#3	11.797

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3288.8	40803.	4503.4	17.151	3564.8
Stddev	2.0	20.	48.1	.803	10.9
%RSD	.06128	.04908	1.0691	4.6814	.30699

#1	3286.6	40825.	4475.7	17.570	3576.4
#2	3289.2	40785.	4558.9	17.657	3563.5
#3	3290.6	40799.	4475.5	16.225	3554.6

Sample Name: K1401-02 Acquired: 2/8/2019 0:00:28 Type: Unk
 Method: P4-ICP2(v2837) 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	-.00388	-.00395	.01489	.00028	.00098	.33895	.08879	-.00003
Stddev	.00366	.00229	.00070	.00418	.00061	.00520	.00211	.00007
%RSD	94.184	57.918	4.6938	1500.5	62.364	1.5344	2.3794	252.15

#1	-.00263	-.00197	.01509	-.00178	.00141	.33463	.08697	-.00008
#2	-.00800	-.00646	.01548	.00509	.00028	.33750	.09111	.00005
#3	-.00102	-.00343	.01412	-.00248	.00124	.34472	.08830	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	10.466	.00145	.00145	.00973	.32049	.10416	1.9230
Stddev	.00007	.093	.00029	.00024	.00028	.00110	.00010	.0295
%RSD	25.483	.88985	20.170	16.725	2.8470	.34364	.09438	1.5354

#1	.00020	10.367	.00176	.00127	.01000	.31986	.10405	1.9053
#2	.00033	10.551	.00141	.00136	.00944	.32176	.10425	1.9066
#3	.00026	10.480	.00118	.00172	.00975	.31985	.10419	1.9571

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.00023	258.90	.00075	.11402	.60734	.00004	.01681
Stddev	.00014	.00015	1.00	.00025	.00045	.01532	.00025	.01051
%RSD	26.170	67.113	.38736	33.591	.39765	2.5218	569.85	62.524

#1	.00051	-.00037	258.02	.00052	.11454	.59279	-.00023	.02857
#2	.00069	-.00007	259.99	.00069	.11383	.60591	.00011	.00833
#3	.00042	-.00024	258.69	.00102	.11370	.62333	.00026	.01353

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1198	.95220	.00111	.01003	.00606	.0210	.04240	3.1790
Stddev	.0110	.00289	.00092	.00126	.00164	.0014	.00014	.0628
%RSD	.51873	.30358	82.984	12.527	27.009	6.803	.33784	1.9750

#1	2.1324	.95436	.00005	.01113	.00497	.0199	.04225	3.1089
#2	2.1121	.95332	.00156	.01029	.00526	.0226	.04254	3.1981
#3	2.1150	.94891	.00171	.00866	.00794	.0204	.04242	3.2301

Sample Name: K1401-02 Acquired: 2/8/2019 0:00:28 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 12.225
 Stddev 1.571
 %RSD 12.849

#1 12.674
 #2 13.522
 #3 10.478

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3213.8	39521.	4396.7	16.798	3501.3
Stddev	8.9	69.	7.2	.375	9.7
%RSD	.27791	.17403	.16413	2.2340	.27598

#1	3215.0	39447.	4403.2	16.582	3501.3
#2	3204.3	39534.	4398.0	17.232	3491.7
#3	3222.1	39583.	4388.9	16.582	3511.0

Sample Name: K1401-04 Acquired: 2/8/2019 0:05:01 Type: Unk
Method: P4-ICP2(v2837) 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	-.00198	-.00362	.00861	.00131	.00191	.16565	.07701	-.00000
Stddev	.00237	.00112	.00076	.00278	.00266	.00791	.00292	.00006
%RSD	119.54	30.934	8.8163	212.24	139.71	4.7751	3.7893	1587.8

#1	-.00025	-.00327	.00937	-.00111	-.00078	.16633	.07939	.00004
#2	-.00102	-.00272	.00785	.00435	.00455	.17321	.07788	-.00008
#3	-.00468	-.00487	.00861	.00069	.00194	.15743	.07375	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	4.7124	.00126	.00171	.00690	.40248	.11948	.80396
Stddev	.00003	.0261	.00028	.00005	.00025	.00149	.00041	.03499
%RSD	11.600	.55314	22.314	3.1381	3.6201	.36998	.34178	4.3524

#1	.00020	4.6829	.00131	.00169	.00719	.40076	.11943	.78627
#2	.00022	4.7221	.00152	.00177	.00675	.40334	.11991	.84427
#3	.00026	4.7323	.00096	.00167	.00677	.40333	.11910	.78135

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	-.00044	261.58	.00050	.24973	.50526	-.00010	.01084
Stddev	.00028	.00010	1.38	.00028	.00026	.02427	.00008	.01015
%RSD	18.625	23.600	.52792	57.199	.10376	4.8042	74.863	93.550

#1	.00180	-.00054	261.75	.00041	.24971	.53329	-.00002	.01252
#2	.00149	-.00046	260.13	.00081	.24948	.49147	-.00017	.02005
#3	.00124	-.00033	262.87	.00026	.25000	.49103	-.00012	-.00003

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40711	.20107	.00237	.00148	.00320	.0038	.02597	3.1135
Stddev	.02559	.00254	.00115	.00150	.00260	.0006	.00011	.0384
%RSD	6.2854	1.2608	48.292	100.96	81.425	14.77	.42732	1.2350

#1	.43419	.19978	.00244	.00311	.00097	.0034	.02584	3.1116
#2	.38333	.19944	.00348	.00016	.00257	.0044	.02605	3.0761
#3	.40381	.20399	.00119	.00118	.00606	.0035	.02601	3.1529

Sample Name: K1401-04 Acquired: 2/8/2019 0:05:01 Type: Unk
Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 8.6733
Stddev 2.6833
%RSD 30.937

#1 10.886
#2 9.4457
#3 5.6885

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3219.3	39567.	4402.1	14.979	3488.7
Stddev	5.8	32.	36.2	.725	8.8
%RSD	.18061	.08046	.82149	4.8372	.25320

#1	3220.1	39552.	4418.4	14.182	3481.2
#2	3224.6	39603.	4427.2	15.598	3498.5
#3	3213.1	39545.	4360.6	15.157	3486.6

Sample Name: K1401-06 Acquired: 2/8/2019 0:09:36 Type: Unk
Method: P4-ICP2(v2837) 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	-.00172	-.00170	.00849	.00005	.00128	.17796	.07039	-.00008
Stddev	.00324	.00067	.00043	.00193	.00071	.00815	.00201	.00001
%RSD	188.58	39.599	5.0890	3910.9	55.336	4.5802	2.8625	9.5488

#1	-.00506	-.00245	.00833	.00144	.00138	.17957	.06808	-.00008
#2	-.00151	-.00148	.00817	.00087	.00193	.16913	.07126	-.00008
#3	.00141	-.00116	.00898	-.00216	.00053	.18519	.07182	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	5.4957	.00132	.00161	.00839	.09177	.10486	1.2820
Stddev	.00004	.0407	.00008	.00031	.00041	.00262	.00041	.0431
%RSD	12389.	.74066	6.3670	19.270	4.9108	2.8570	.39235	3.3654

#1	-.00004	5.4732	.00141	.00133	.00868	.08889	.10441	1.2397
#2	.00002	5.4711	.00124	.00155	.00857	.09402	.10498	1.2803
#3	.00002	5.5427	.00133	.00194	.00791	.09239	.10520	1.3260

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00132	-.00002	273.64	.00056	.05803	.61932	.00003	.01383
Stddev	.00032	.00004	.17	.00048	.00024	.01044	.00022	.01513
%RSD	23.910	159.72	.06221	85.993	.40519	1.6857	698.44	109.36

#1	.00161	-.00007	273.59	.00004	.05796	.63103	-.00008	.02644
#2	.00137	-.00002	273.83	.00098	.05829	.61595	-.00011	.01800
#3	.00099	.00001	273.50	.00066	.05784	.61098	.00029	-.00294

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07637	.80804	.00296	.00345	.00511	.0104	.02705	3.5039
Stddev	.03584	.00335	.00038	.00240	.00135	.0020	.00006	.1396
%RSD	46.937	.41466	12.843	69.727	26.426	19.13	.22412	3.9854

#1	.07643	.81027	.00291	.00553	.00355	.0127	.02705	3.6589
#2	.11218	.80418	.00336	.00400	.00591	.0095	.02711	3.3878
#3	.04049	.80965	.00261	.00082	.00587	.0091	.02699	3.4651

Sample Name: K1401-06 Acquired: 2/8/2019 0:09:36 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 11.002
 Stddev 1.537
 %RSD 13.968

#1 12.495
 #2 11.086
 #3 9.4248

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3186.0	39066.	4351.2	16.133	3445.8
Stddev	6.6	85.	19.0	.801	7.8
%RSD	.20854	.21795	.43735	4.9646	.22533

#1	3178.5	38968.	4329.8	16.625	3444.4
#2	3188.7	39110.	4366.3	15.209	3438.9
#3	3190.9	39119.	4357.4	16.566	3454.2

Sample Name: CCV13 Acquired: 2/8/2019 0:14:12 Type: Unk
Method: P4-ICP2(v2837) 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	4.8966	5.0931	4.9799	4.9854	5.0085	9.8585	9.6648	.24657
Stddev	.0197	.0123	.0110	.0245	.0269	.0547	.0241	.00039
%RSD	.40180	.24106	.22167	.49137	.53699	.55488	.24937	.15847
#1	4.9164	5.0796	4.9674	5.0098	5.0395	9.7962	9.6873	.24631
#2	4.8770	5.0963	4.9885	4.9608	4.9944	9.8987	9.6678	.24639
#3	4.8965	5.1035	4.9838	4.9857	4.9916	9.8806	9.6394	.24702
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4770	26.756	1.0114	2.4605	1.2545	5.1375	2.5043	25.780
Stddev	.0057	.059	.0025	.0063	.0060	.0303	.0029	.130
%RSD	.23129	.22184	.24528	.25482	.47988	.59039	.11763	.50334
#1	2.4704	26.742	1.0091	2.4533	1.2606	5.1681	2.5019	25.677
#2	2.4806	26.705	1.0113	2.4646	1.2486	5.1074	2.5035	25.736
#3	2.4801	26.821	1.0140	2.4636	1.2544	5.1370	2.5076	25.926
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4786	1.2441	25.868	2.4844	2.4988	25.007	5.0163	5.0976
Stddev	.0066	.0033	.073	.0053	.0041	.060	.0203	.0260
%RSD	.26676	.26751	.28374	.21244	.16238	.24058	.40451	.51072
#1	2.4710	1.2402	25.951	2.4786	2.4941	25.076	5.0397	5.0722
#2	2.4830	1.2463	25.814	2.4856	2.5007	24.980	5.0028	5.0964
#3	2.4817	1.2457	25.838	2.4890	2.5015	24.965	5.0065	5.1242
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8192	5.0097	5.0531	5.0698	5.0873	5.098	4.9936	F 2.8618
Stddev	.0205	.0415	.0127	.0162	.0063	.003	.0048	.0484
%RSD	.42521	.82844	.25064	.32019	.12468	.0504	.09615	1.6897
#1	4.7956	5.0483	5.0387	5.0689	5.0898	5.098	4.9952	2.8476
#2	4.8329	4.9658	5.0624	5.0541	5.0801	5.096	4.9975	2.9156
#3	4.8291	5.0149	5.0582	5.0865	5.0920	5.101	4.9882	2.8221

Sample Name: CCV13 Acquired: 2/8/2019 0:14:12 Type: Unk
 Method: P4-ICP2(v2837) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.2781
Stddev	1.7364
%RSD	32.897

#1	3.3307
#2	6.6650
#3	5.8387

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3321.9	41325.	4358.7	15.618	3570.4
Stddev	15.1	158.	17.6	1.543	6.2
%RSD	.45337	.38141	.40415	9.8808	.17399

#1	3304.8	41501.	4338.8	13.860	3577.3
#2	3333.1	41198.	4372.4	16.752	3568.4
#3	3327.7	41276.	4364.8	16.241	3565.4

Sample Name: CCB13 Acquired: 2/8/2019 0:18:11 Type: Unk
 Method: P4-ICP2(v2837) 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	-.00028	.00145	.00112	-.00397	.00137	.00551	-.00175
Stddev	.00093	.00109	.00039	.00215	.00110	.01648	.00282
%RSD	336.39	75.269	34.466	54.192	80.358	298.96	160.94

#1	.00009	.00223	.00069	-.00195	.00201	.02376	.00076
#2	-.00134	.00190	.00124	-.00623	.00010	-.00827	-.00480
#3	.00042	.00020	.00143	-.00371	.00200	.00104	-.00121

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00002	.00079	.00023	.00012	-.00090	-.00031
Stddev	.00002	.00007	.00694	.00031	.00022	.00046	.00108
%RSD	54.877	330.63	883.49	137.27	185.12	51.547	344.08

#1	-.00005	-.00009	.00756	.00027	.00038	-.00057	-.00098
#2	-.00001	-.00003	.00110	.00052	-.00004	-.00143	-.00088
#3	-.00005	.00005	-.00631	-.00010	.00003	-.00070	.00093

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.02740	-.00050	.00012	.11098	.00034	-.00241
Stddev	.00010	.02691	.00009	.00057	.00554	.00015	.00003
%RSD	144.33	98.237	17.619	469.42	4.9924	44.031	1.2582

#1	-.00008	.05806	-.00059	-.00045	.11494	.00046	-.00241
#2	.00004	.00770	-.00050	.00012	.11335	.00017	-.00238
#3	-.00015	.01642	-.00041	.00069	.10465	.00038	-.00244

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03731	-.00015	.01278	F -.04733	-.00164	.00083	-.00174
Stddev	.03857	.00028	.00916	.01752	.00182	.00035	.00293
%RSD	103.38	180.17	71.629	37.011	110.88	42.397	168.72

#1	-.06698	-.00025	.02170	-.03337	.00045	.00065	.00055
#2	.00629	-.00037	.00340	-.06699	-.00283	.00060	-.00072
#3	-.05124	.00016	.01325	-.04164	-.00256	.00124	-.00504

Sample Name: CCB13 Acquired: 2/8/2019 0:18:11 Type: Unk
 Method: P4-ICP2(v2837) 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	.00145	.0010	.00010	F 1.5302	F .72203
Stddev	.00204	.0002	.00006	.1066	1.4722
%RSD	140.42	20.92	59.141	6.9629	203.89
#1	-.00058	.0011	.00016	1.6433	-.97730
#2	.00349	.0008	.00010	1.5158	1.5335
#3	.00144	.0012	.00004	1.4316	1.6099
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3452.8	43559.	4370.0	16.914	3980.1
Stddev	23.3	141.	29.6	.093	10.7
%RSD	.67551	.32476	.67708	.55112	.26793
#1	3436.7	43402.	4385.5	16.845	3973.4
#2	3479.5	43677.	4388.6	17.020	3992.4
#3	3442.1	43596.	4335.9	16.877	3974.6