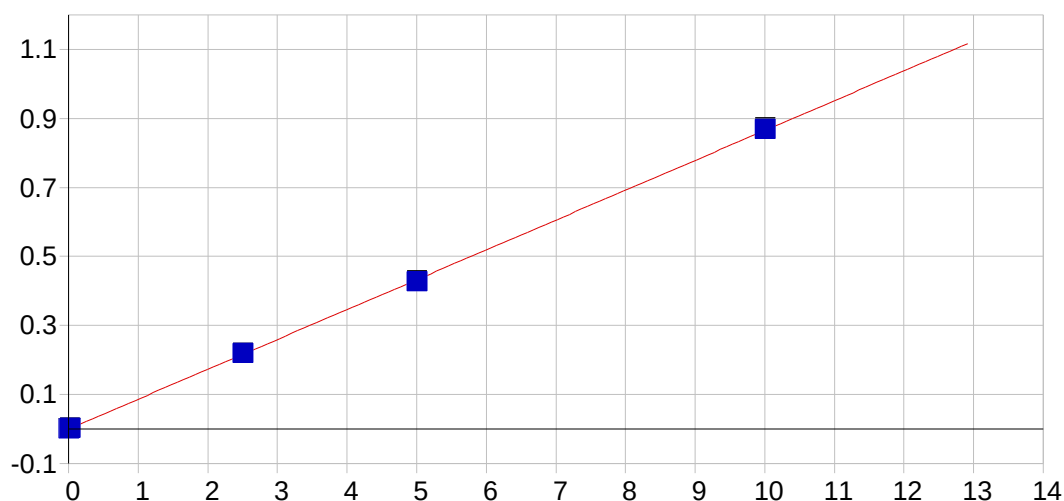




As 189.042 {478}

Date of Fit: 6/27/2019 17:46:57

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000001

Re-Slope: 1.000000

A1 (Gain): 0.086507

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999960

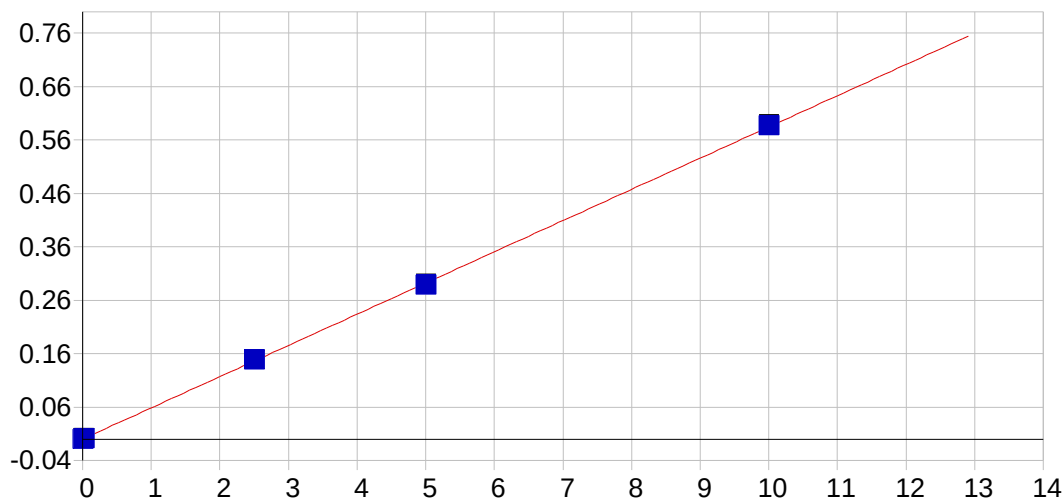
Status: OK.

Std Error of Est: 0.000019

Predicted MDL: 0.003350

Predicted MQL: 0.011165

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.02000	.01891	-.001	-5.47	.00164	.000	1
S3	2.5000	2.5263	.026	1.05	.21853	.001	1
S4	5.0000	4.9332	-.067	-1.34	.42673	.001	1
S5	10.000	10.042	.042	.415	.86860	.003	1



As 189.042 {479}

Date of Fit: 6/27/2019 17:46:57

Type of Fit: Linear

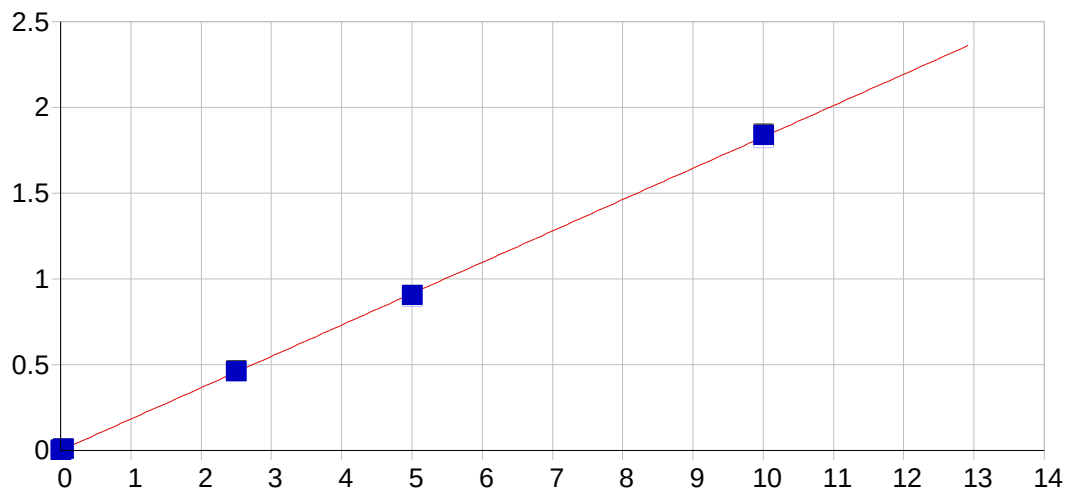
Weighting: 1/Conc

A0 (Offset): 0.000045

Re-Slope: 1.000000

A1 (Gain): 0.058446 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003189
 Predicted MQL: 0.010629

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.02000	.02004	.000	.199	.00122	.000	1
S3	2.5000	2.5293	.029	1.17	.14788	.000	1
S4	5.0000	4.9426	-.057	-1.15	.28892	.001	1
S5	10.000	10.028	.028	.280	.58614	.001	1

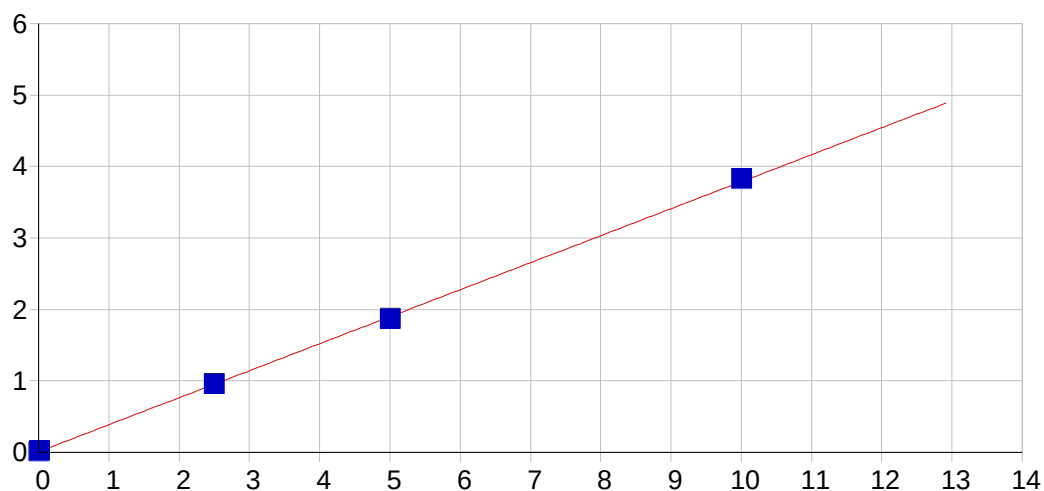


TI 190.856 {477}

Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000277 Re-Slope: 1.000000
 A1 (Gain): 0.182758 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.001291
 Predicted MQL: 0.004302

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.04000	.03787	-.002	-5.34	.00701	.000	1
S3	2.5000	2.5195	.019	.779	.45605	.001	1
S4	5.0000	4.9302	-.070	-1.40	.89194	.003	1
S5	10.000	10.052	.052	.524	1.8187	.006	1

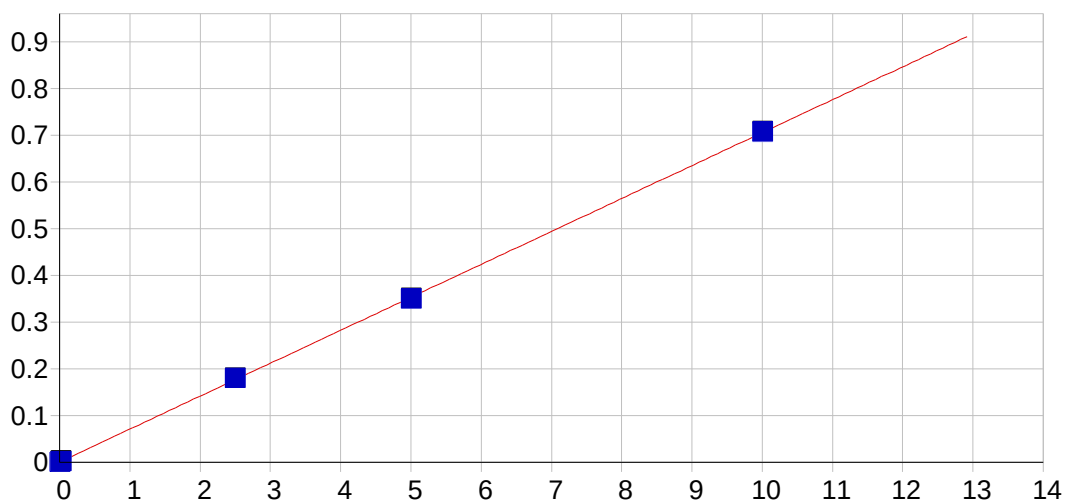


Pb 220.353 {453}

Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009592 Re-Slope: 1.000000
 A1 (Gain): 0.377757 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.001033
 Predicted MQL: 0.003442

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00959	.000	1
S1	.01200	.01232	.000	2.67	.01417	.000	1
S3	2.5000	2.4978	-.002	-.087	.95207	.002	1
S4	5.0000	4.9114	-.089	-1.77	1.8627	.007	1
S5	10.000	10.090	.090	.904	3.8169	.004	1



Se 196.090 {472}

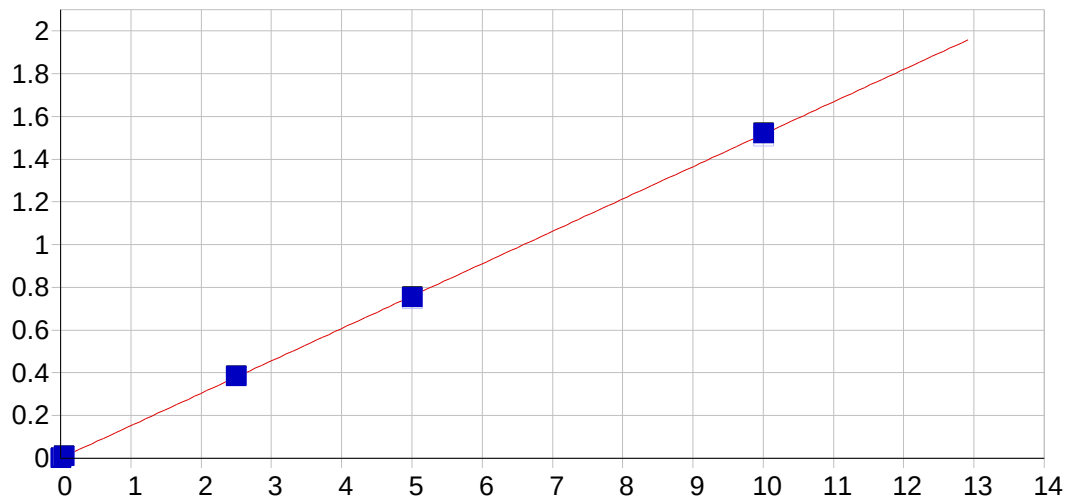
Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000617 Re-Slope: 1.000000
 A1 (Gain): 0.070477 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000013
 Predicted MDL: 0.003656
 Predicted MQL: 0.012188

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00062	.000	1
S1	.02000	.01950	-.001	-2.52	.00199	.000	1
S3	2.5000	2.5388	.039	1.55	.17951	.000	1
S4	5.0000	4.9530	-.047	-.941	.34961	.001	1
S5	10.000	10.009	.009	.087	.70585	.001	1



Sb 206.833 {463}

Date of Fit: 6/27/2019 17:46:57

Type of Fit: Linear

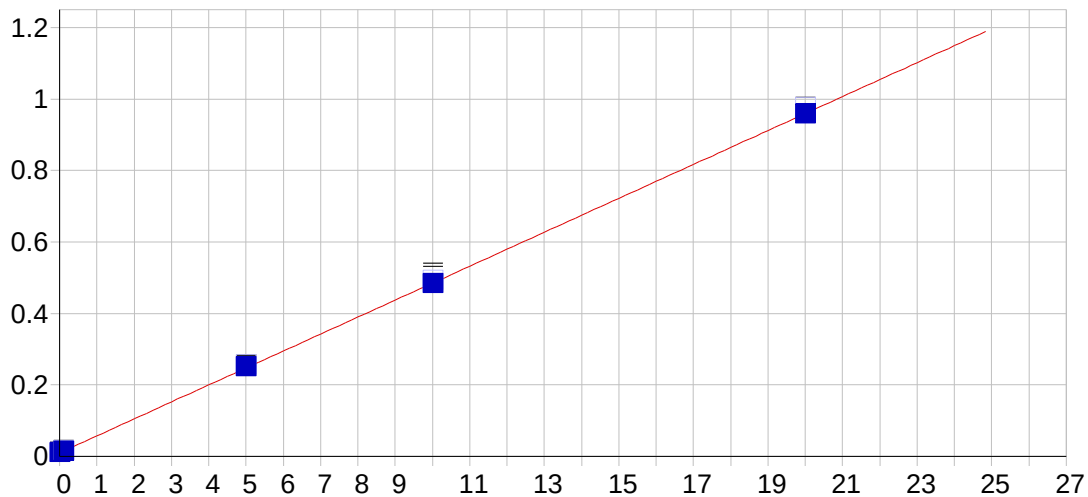
Weighting: 1/Conc

A0 (Offset): 0.001215
 A1 (Gain): 0.151582
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981
 Std Error of Est: 0.000035
 Predicted MDL: 0.002166
 Predicted MQL: 0.007221

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	.00121	.000	1
S1	.05000	.05081	.001	1.62	.00873	.000	1
S3	2.5000	2.5235	.023	.938	.37947	.001	1
S4	5.0000	4.9572	-.043	-.857	.74411	.002	1
S5	10.000	10.019	.019	.186	1.5028	.001	1

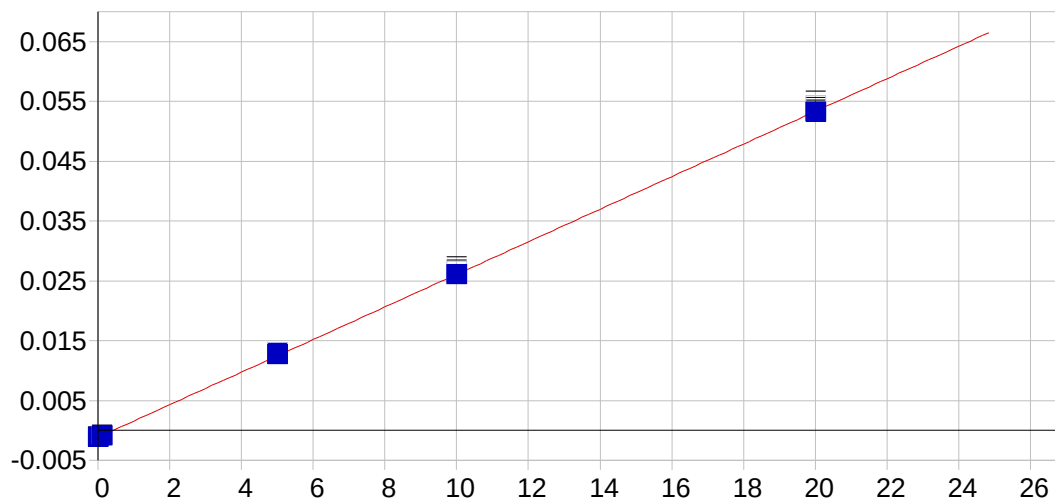


AI 308.215 {109}

Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009961 Re-Slope: 1.000000
 A1 (Gain): 0.047474 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.003686
 Predicted MQL: 0.012288

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00996	.000	1
S1	.10000	.10673	.007	6.73	.01536	.000	1
S3	5.0000	5.0802	.080	1.60	.25587	.001	1
S4	10.000	9.9579	-.042	-.421	.49216	.021	1
S5	20.000	19.955	-.045	-.226	.97620	.001	1



AI 309.271 {109}

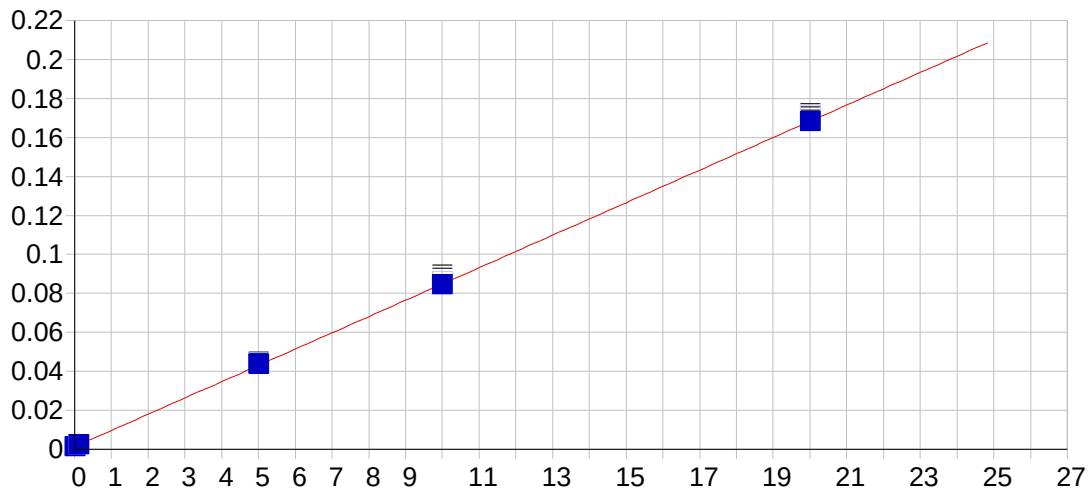
Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001160 Re-Slope: 1.000000
 A1 (Gain): 0.002724 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979
 Std Error of Est: 0.000001
 Predicted MDL: 0.043725
 Predicted MQL: 0.145752

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00116	.000	1
S1	.10000	.09916	-.001	-.839	-.00087	.000	1
S3	5.0000	5.0816	.082	1.63	.01295	.000	1
S4	10.000	9.9777	-.022	-.223	.02656	.001	1
S5	20.000	19.942	-.058	-.292	.05425	.001	1



AI 396.152 { 85}

Date of Fit: 6/27/2019 17:46:57

Type of Fit: Linear

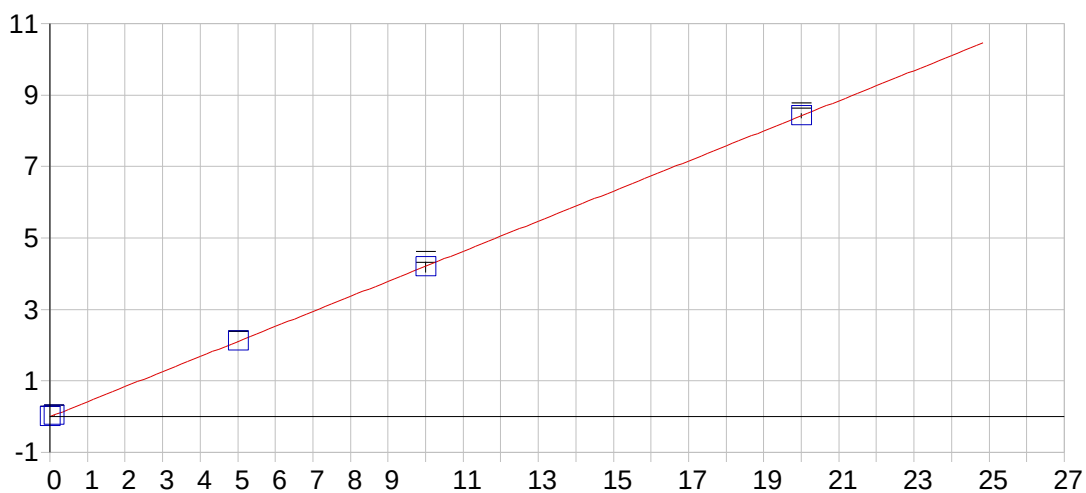
Weighting: 1/Conc

A0 (Offset): 0.001327
 A1 (Gain): 0.008348
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963
 Std Error of Est: 0.000006
 Predicted MDL: 0.021440
 Predicted MQL: 0.071466

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	.00133	.000	1
S1	.10000	.11217	.012	12.2	.00232	.000	1
S3	5.0000	5.0679	.068	1.36	.04446	.000	1
S4	10.000	9.9519	-.048	-.481	.08606	.003	1
S5	20.000	19.967	-.033	-.163	.17133	.001	1

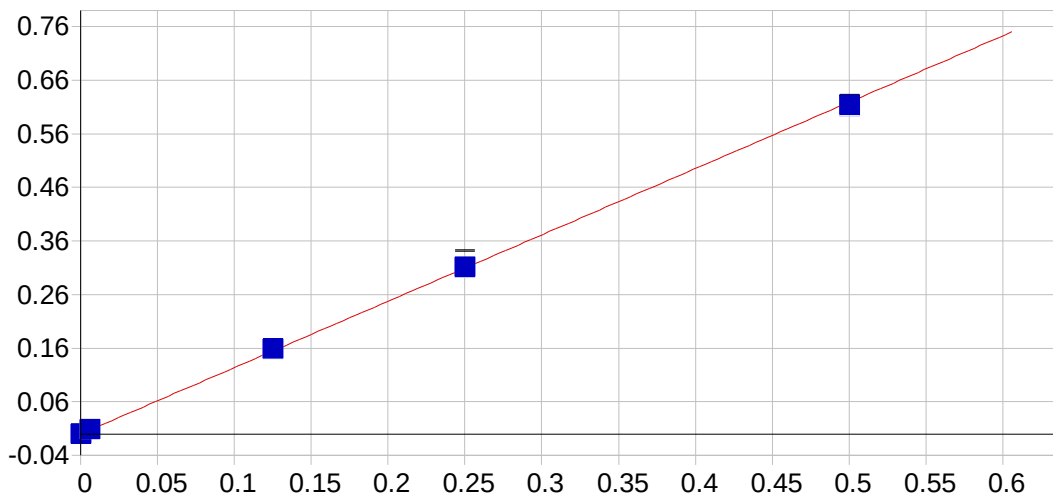


Ba 493.409 { 68}

Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003429 Re-Slope: 1.000000
 A1 (Gain): 0.421123 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000115
 Predicted MDL: 0.000811
 Predicted MQL: 0.002704

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00343	.000	1
S1	.10000	.10271	.003	2.71	.03982	.001	1
S3	5.0000	5.0261	.026	.522	2.1132	.011	1
S5	20.000	20.018	.018	.092	8.4268	.074	1
S4	10.000	9.9528	-.047	-.472	4.1879	.151	1



Be 234.861 {144}

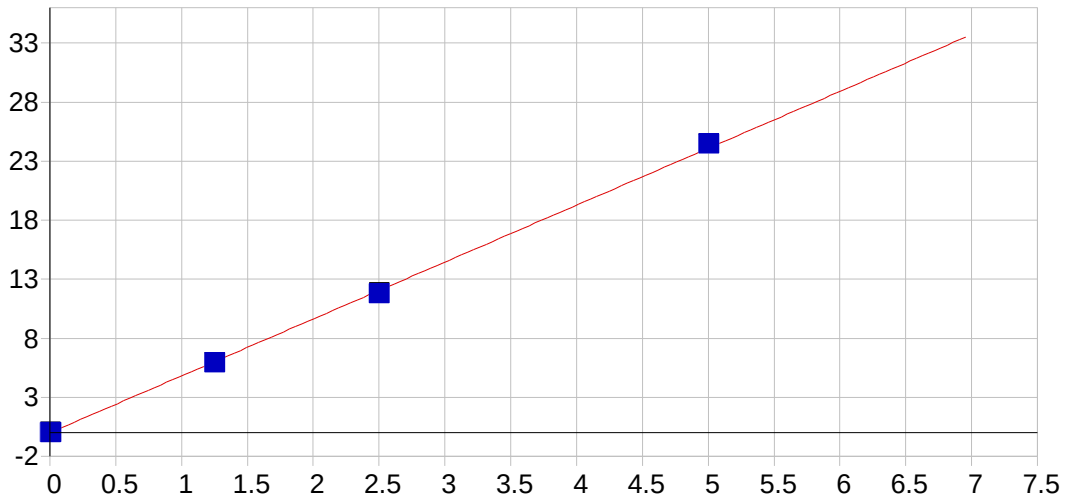
Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000266 Re-Slope: 1.000000
 A1 (Gain): 1.238409 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910
 Std Error of Est: 0.000049
 Predicted MDL: 0.000092
 Predicted MQL: 0.000308

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00027	.000	1
S1	.00600	.00646	.000	7.68	.00766	.000	1
S3	.12500	.12790	.003	2.32	.15715	.000	1
S4	.25000	.25143	.001	.571	.30916	.013	1
S5	.50000	.49522	-.005	-.957	.60912	.002	1



Cd 226.502 {449}

Date of Fit: 6/27/2019 17:46:57

Type of Fit: Linear

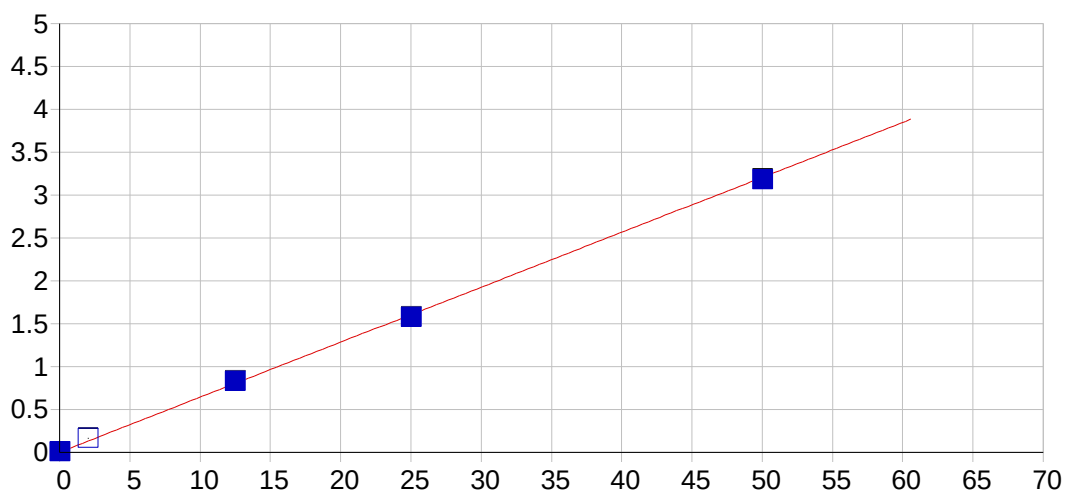
Weighting: 1/Conc

A0 (Offset): -0.006373
 A1 (Gain): 4.818982
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857
 Std Error of Est: 0.000762
 Predicted MDL: 0.000093
 Predicted MQL: 0.000310

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	-.00637	.000	1
S1	.00600	.00574	-.000	-4.36	.02134	.001	1
S3	1.2500	1.2299	-.020	-1.61	5.9220	.016	1
S4	2.5000	2.4474	-.053	-2.10	11.791	.032	1
S5	5.0000	5.0729	.073	1.46	24.445	.029	1

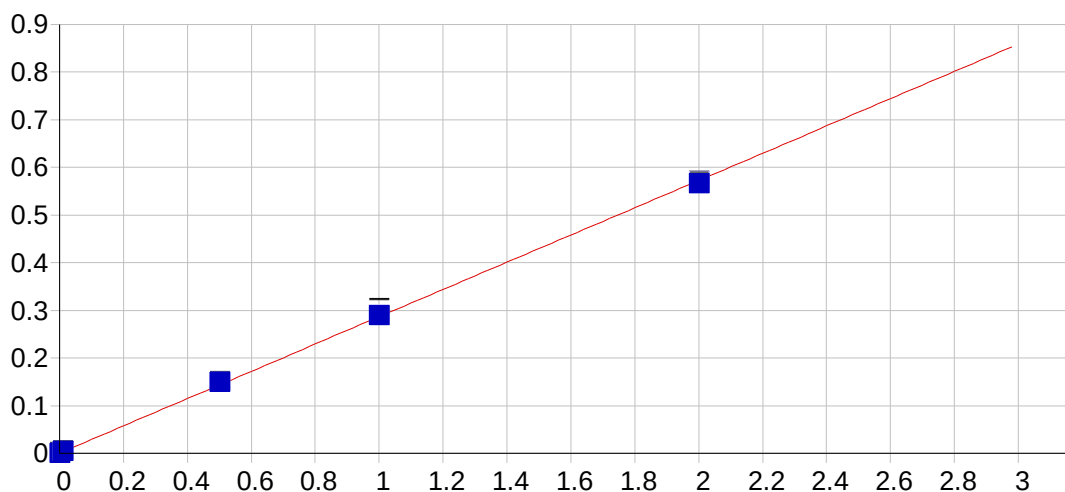


Ca 373.690 { 90}

Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003811 Re-Slope: 1.000000
 A1 (Gain): 0.064058 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999124 Status: OK.
 Std Error of Est: 0.001465
 Predicted MDL: 0.026390
 Predicted MQL: 0.087966

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.5113	.511	25.6	.16468	.001	1
S0	.00000	-.00052	-.001	.000	.00378	.001	1
S3	12.500	12.905	.405	3.24	.83089	.003	1
S4	25.000	24.510	-.490	-1.96	1.5747	.010	1
S5	50.000	49.574	-.426	-.852	3.1811	.005	1



Cr 267.716 {126}

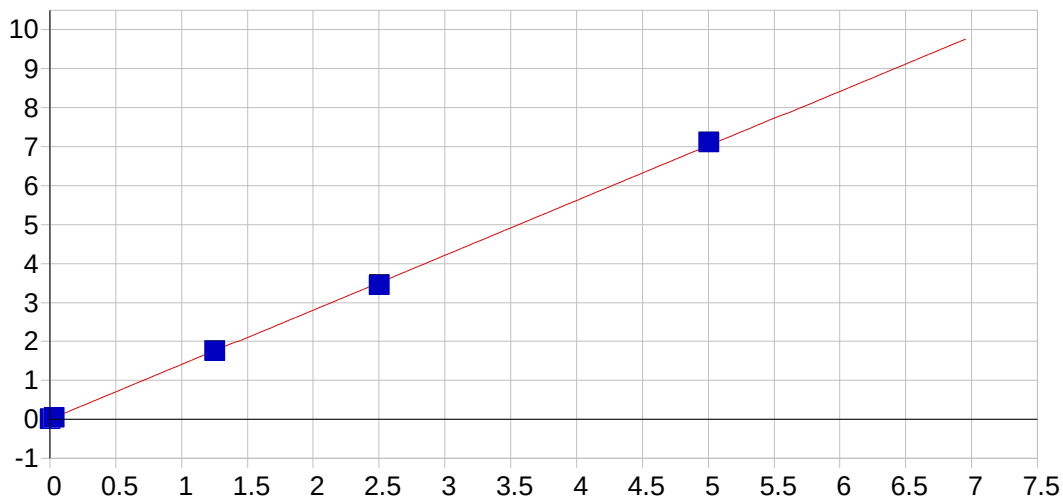
Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000545 Re-Slope: 1.000000
 A1 (Gain): 0.286078 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864
 Std Error of Est: 0.000036
 Predicted MDL: 0.000542
 Predicted MQL: 0.001807

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00054	.000	1
S1	.01000	.01094	.001	9.40	.00369	.000	1
S3	.50000	.51707	.017	3.41	.14959	.000	1
S4	1.0000	1.0053	.005	.531	.29039	.013	1
S5	2.0000	1.9767	-.023	-1.17	.57053	.000	1



Co 228.616 {447}

Date of Fit: 6/27/2019 17:46:57

Type of Fit: Linear

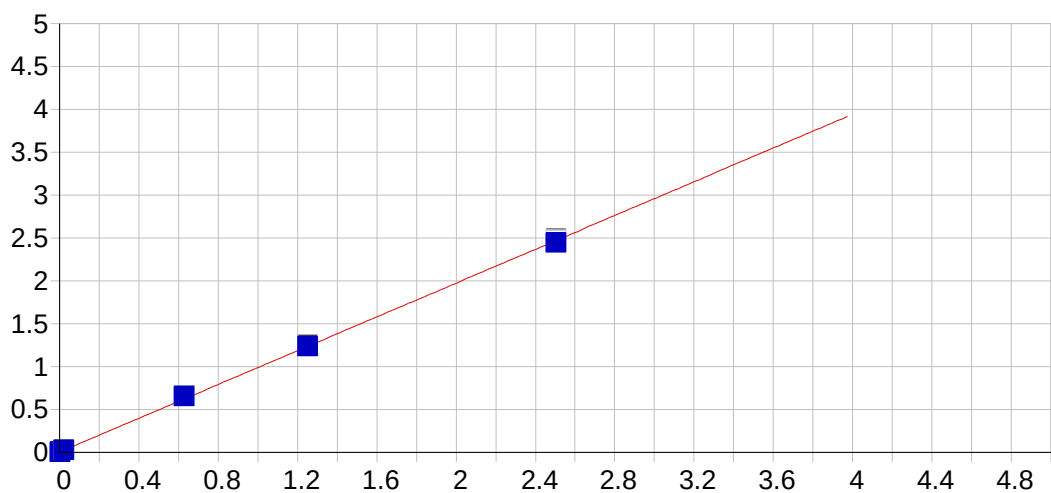
Weighting: 1/Conc

A0 (Offset): -0.000561
 A1 (Gain): 1.404236
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890
 Std Error of Est: 0.000437
 Predicted MDL: 0.000263
 Predicted MQL: 0.000878

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	-.00056	.000	1
S1	.03000	.02826	-.002	-5.80	.03884	.000	1
S3	1.2500	1.2462	-.004	-.304	1.7508	.003	1
S4	2.5000	2.4467	-.053	-2.13	3.4380	.011	1
S5	5.0000	5.0588	.059	1.18	7.1087	.007	1

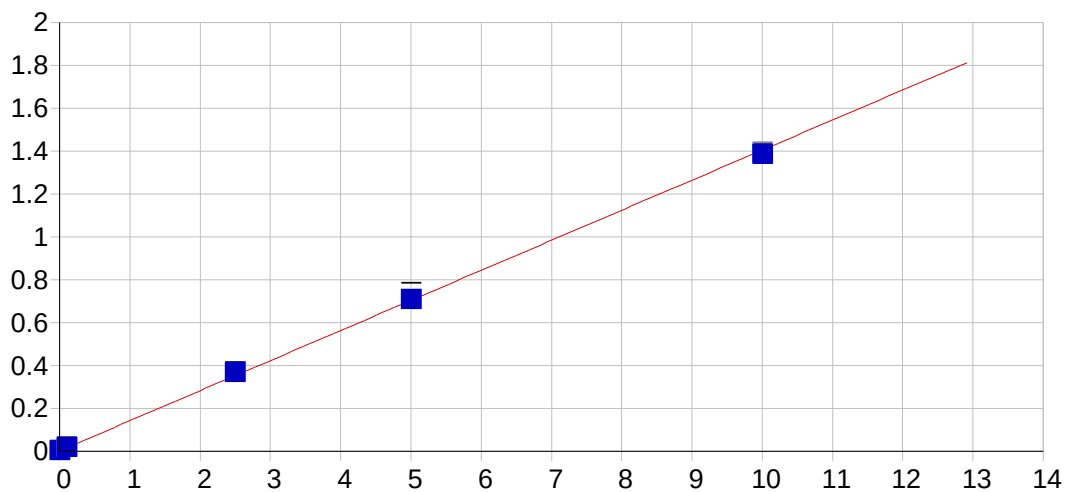


Cu 224.700 {450}

Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003222 Re-Slope: 1.000000
 A1 (Gain): 0.985268 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999797 Status: OK.
 Std Error of Est: 0.000244
 Predicted MDL: 0.000494
 Predicted MQL: 0.001646

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00322	.001	1
S1	.02000	.02158	.002	7.89	.02479	.000	1
S3	.62500	.65460	.030	4.74	.65813	.001	1
S4	1.2500	1.2464	-.004	-.285	1.2512	.002	1
S5	2.5000	2.4724	-.028	-1.10	2.4790	.004	1



Fe 240.488 {140}

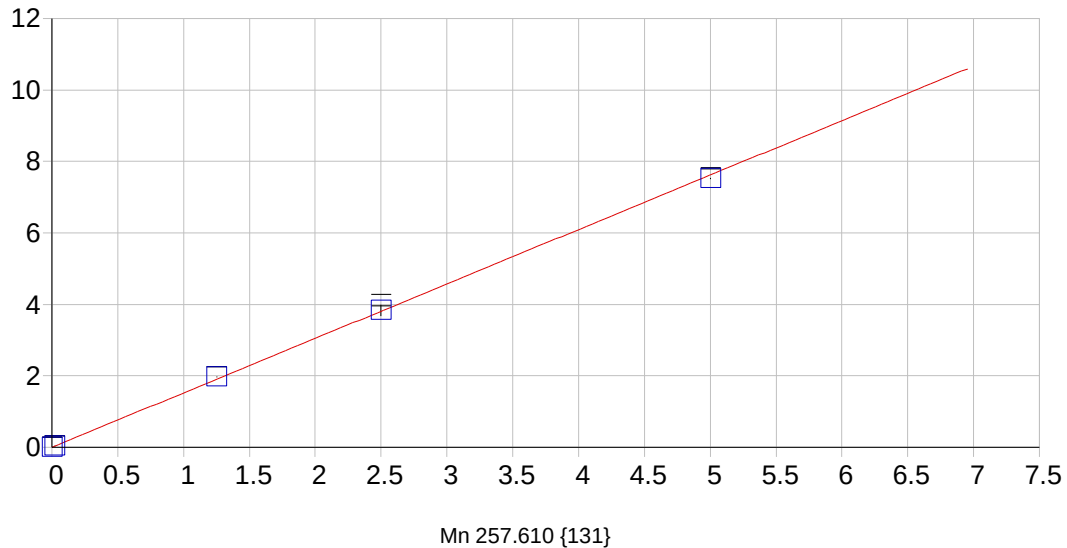
Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002437 Re-Slope: 1.000000
 A1 (Gain): 0.140225 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999820
 Std Error of Est: 0.000145
 Predicted MDL: 0.000885
 Predicted MQL: 0.002951

Status: OK.

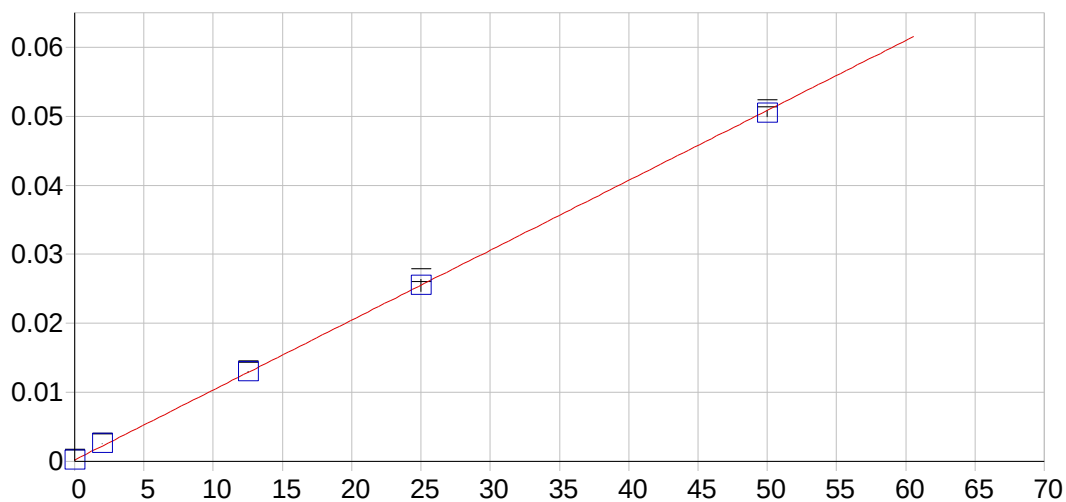
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00244	.000	1
S1	.10000	.10705	.007	7.05	.01752	.000	1
S3	2.5000	2.6009	.101	4.04	.36846	.001	1
S4	5.0000	5.0230	.023	.460	.70941	.031	1
S5	10.000	9.8690	-.131	-1.31	1.3916	.002	1



Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000259 Re-Slope: 1.000000
 A1 (Gain): 1.523518 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860 Status: OK.
 Std Error of Est: 0.000436
 Predicted MDL: 0.000088
 Predicted MQL: 0.000294

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00026	.000	1
S1	.02000	.02185	.002	9.24	.03355	.000	1
S3	1.2500	1.2907	.041	3.25	1.9666	.003	1
S4	2.5000	2.5207	.021	.826	3.8405	.160	1
S5	5.0000	4.9368	-.063	-1.26	7.5216	.013	1

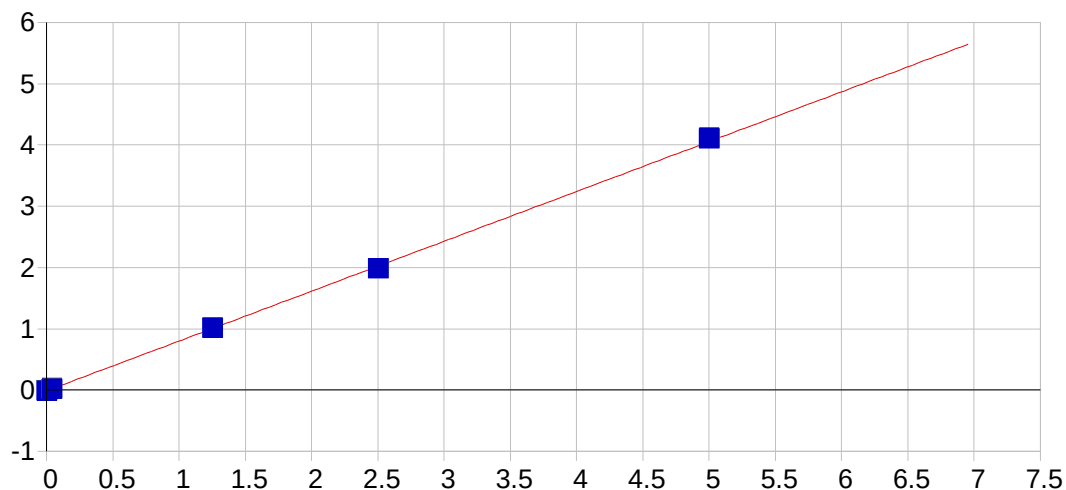


Mg 279.079 {121}

Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000210 Re-Slope: 1.000000
 A1 (Gain): 0.001013 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999692 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.062068
 Predicted MQL: 0.206892

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3192	.319	16.0	.00256	.000	1
S0	.00000	-.00032	-.000	.000	.00021	.000	1
S3	12.500	12.602	.102	.816	.01297	.000	1
S4	25.000	24.987	-.013	-.050	.02551	.001	1
S5	50.000	49.591	-.409	-.817	.05043	.001	1



Ni 231.604 {445}

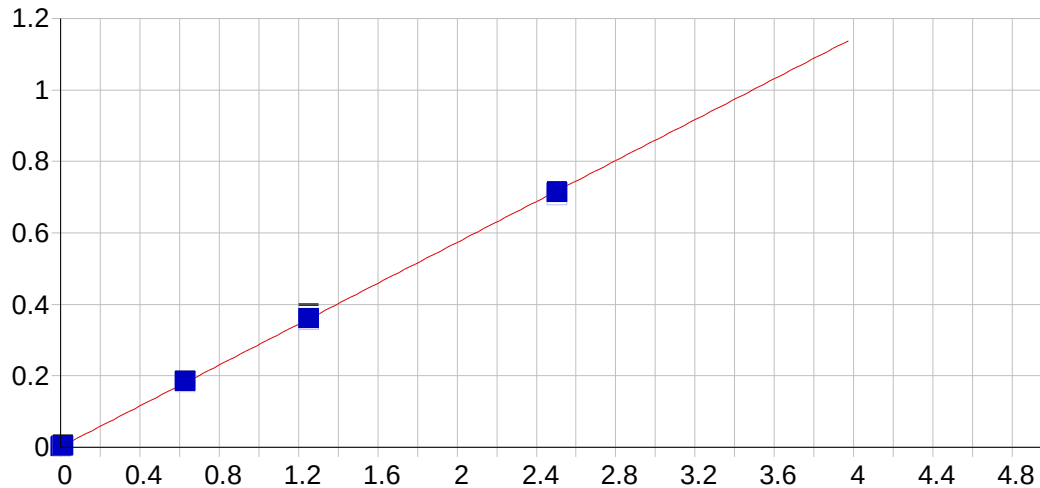
Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.013484 Re-Slope: 1.000000
 A1 (Gain): 0.813786 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899
 Std Error of Est: 0.000280
 Predicted MDL: 0.000488
 Predicted MQL: 0.001627

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.01348	.000	1
S1	.04000	.03921	-.001	-1.98	.01844	.000	1
S3	1.2500	1.2553	.005	.424	1.0092	.002	1
S4	2.5000	2.4447	-.055	-2.21	1.9782	.004	1
S5	5.0000	5.0508	.051	1.02	4.1013	.008	1

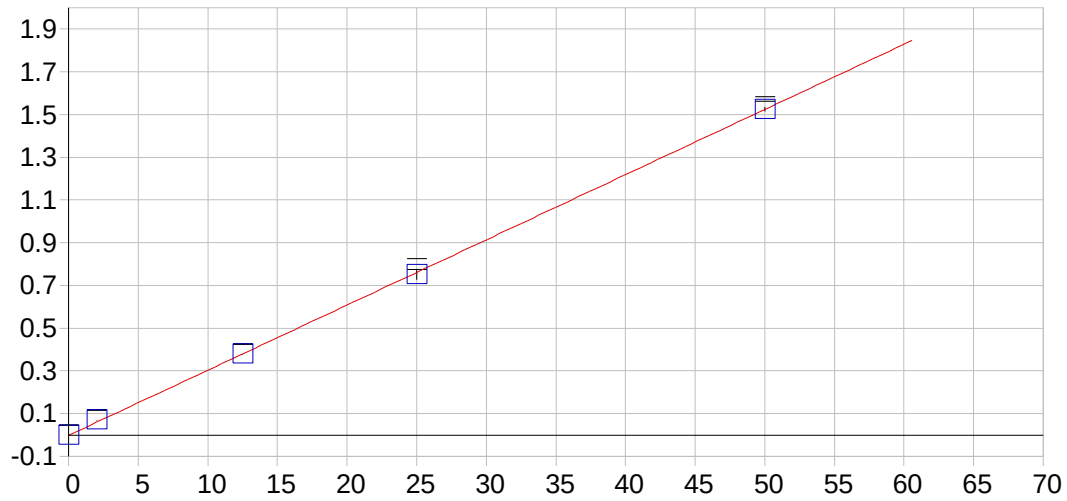


Ag 328.068 {103}

Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001328 Re-Slope: 1.000000
 A1 (Gain): 0.286095 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.000830
 Predicted MQL: 0.002767

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00133	.000	1
S1	.01000	.01057	.001	5.67	.00429	.000	1
S3	.62500	.63807	.013	2.09	.18173	.000	1
S4	1.2500	1.2520	.002	.159	.35523	.013	1
S5	2.5000	2.4844	-.016	-.625	.70352	.002	1

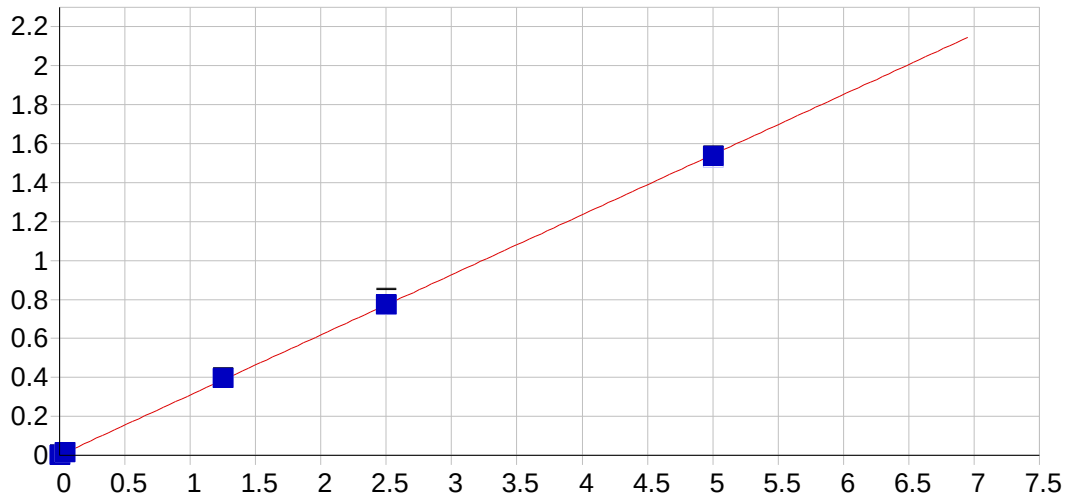


Na 589.592 { 57}

Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001743 Re-Slope: 1.000000
 A1 (Gain): 0.030511 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999654 Status: OK.
 Std Error of Est: 0.000438
 Predicted MDL: 0.014305
 Predicted MQL: 0.047682

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3401	.340	17.0	.06965	.001	1
S0	.00000	-.00031	-.000	.000	-.00175	.000	1
S3	12.500	12.441	-.059	-.469	.37785	.002	1
S4	25.000	24.690	-.310	-1.24	.75156	.026	1
S5	50.000	50.029	.029	.057	1.5247	.011	1



V 292.402 {115}

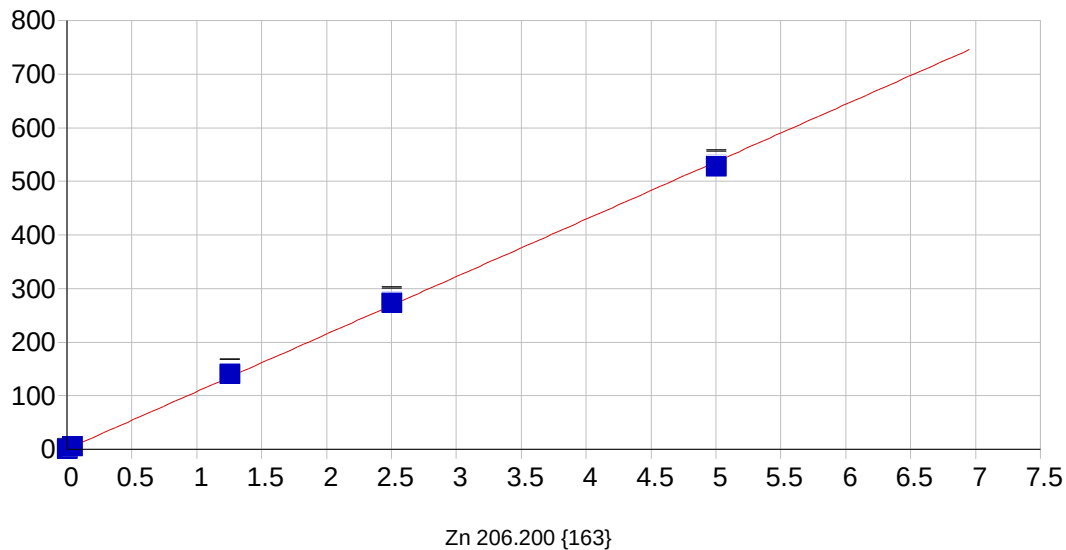
Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001161 Re-Slope: 1.000000
 A1 (Gain): 0.308492 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951
 Std Error of Est: 0.000073
 Predicted MDL: 0.000584
 Predicted MQL: 0.001947

Status: OK.

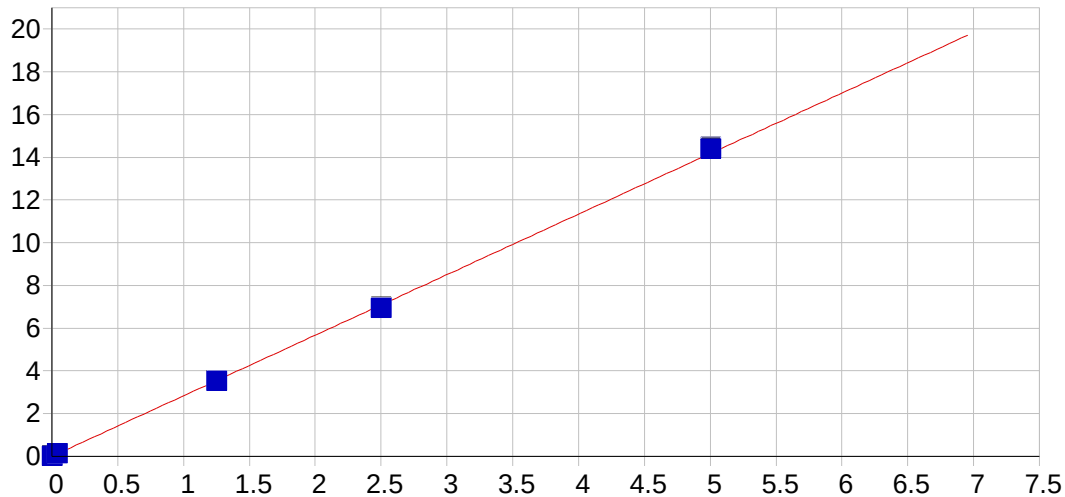
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00116	.000	1
S1	.04000	.04066	.001	1.66	.01351	.000	1
S3	1.2500	1.2788	.029	2.30	.39314	.001	1
S4	2.5000	2.5001	.000	.006	.76740	.032	1
S5	5.0000	4.9704	-.030	-.592	1.5244	.001	1



Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.563330 Re-Slope: 1.000000
 A1 (Gain): 107.178613 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999739 Status: OK.
 Std Error of Est: 0.059575
 Predicted MDL: 0.000328
 Predicted MQL: 0.001093

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.56293	.059	1
S1	.04000	.04220	.002	5.49	5.1141	.169	1
S3	1.2500	1.3014	.051	4.12	140.86	8.71	1
S4	2.5000	2.5401	.040	1.60	274.43	9.24	1
S5	5.0000	4.9062	-.094	-1.88	529.65	10.5	1

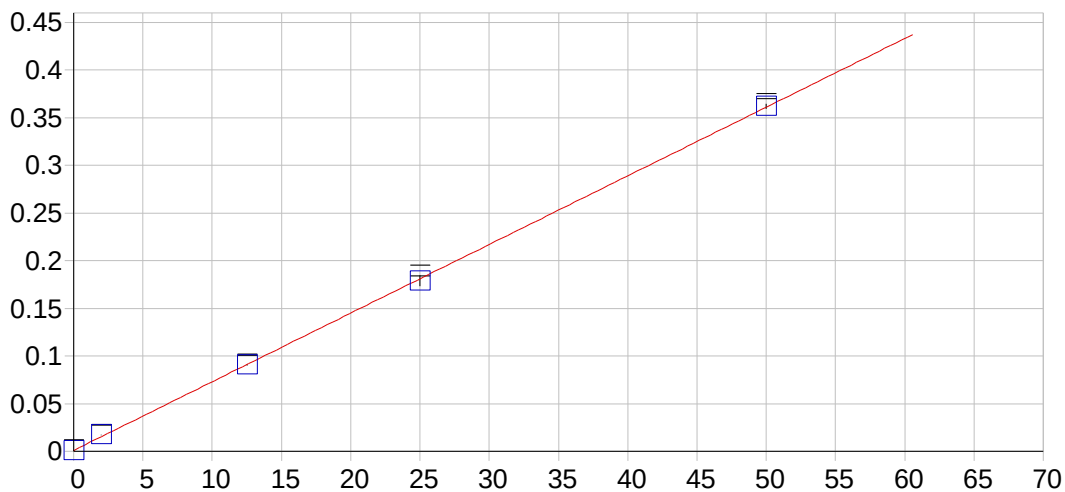


Zn 213.856 {458}

Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003397 Re-Slope: 1.000000
 A1 (Gain): 2.834034 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858 Status: OK.
 Std Error of Est: 0.001161
 Predicted MDL: 0.000110
 Predicted MQL: 0.000366

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00340	.000	1
S1	.04000	.03925	-.001	-1.87	.11543	.000	1
S3	1.2500	1.2403	-.010	-.775	3.5411	.008	1
S4	2.5000	2.4400	-.060	-2.40	6.9637	.017	1
S5	5.0000	5.0704	.070	1.41	14.464	.018	1



K 766.490 {44}

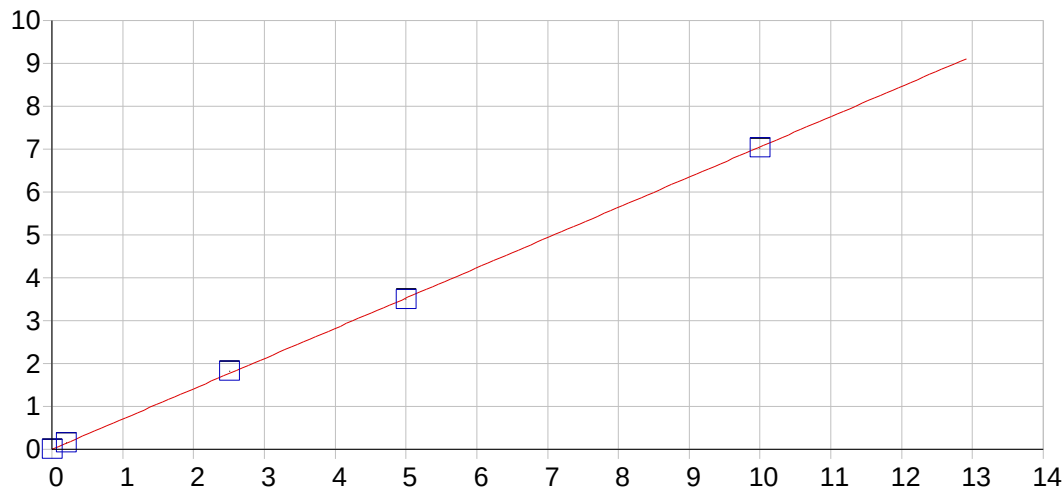
Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000957 Re-Slope: 1.000000
 A1 (Gain): 0.007203 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999779
 Std Error of Est: 0.000083
 Predicted MDL: 0.057653
 Predicted MQL: 0.192175

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2649	.265	13.2	.01727	.000	1
S0	.00000	-.00023	-.000	.000	.00096	.001	1
S3	12.500	12.417	-.083	-.664	.09039	.001	1
S4	25.000	24.700	-.300	-1.20	.17886	.006	1
S5	50.000	50.118	.118	.236	.36194	.003	1



Mo 202.030 {467}

Date of Fit: 6/27/2019 17:46:57

Type of Fit: Linear

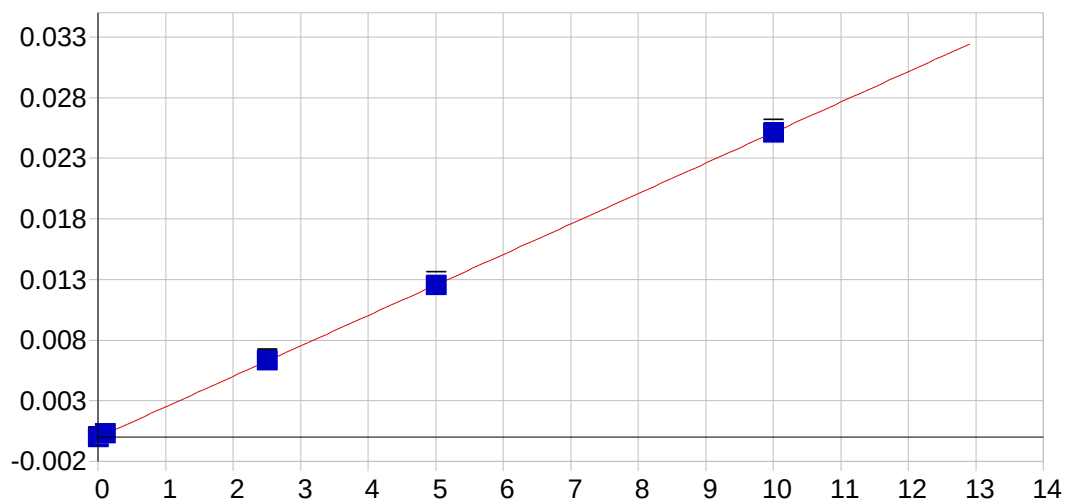
Weighting: 1/Conc

A0 (Offset): 0.000543
 A1 (Gain): 0.705200
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909
 Std Error of Est: 0.000731
 Predicted MDL: 0.000372
 Predicted MQL: 0.001241

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	.00054	.000	1
S1	.20000	.20775	.008	3.88	.14705	.001	1
S3	2.5000	2.5768	.077	3.07	1.8177	.002	1
S4	5.0000	4.9544	-.046	-.912	3.4944	.008	1
S5	10.000	9.9611	-.039	-.389	7.0251	.005	1

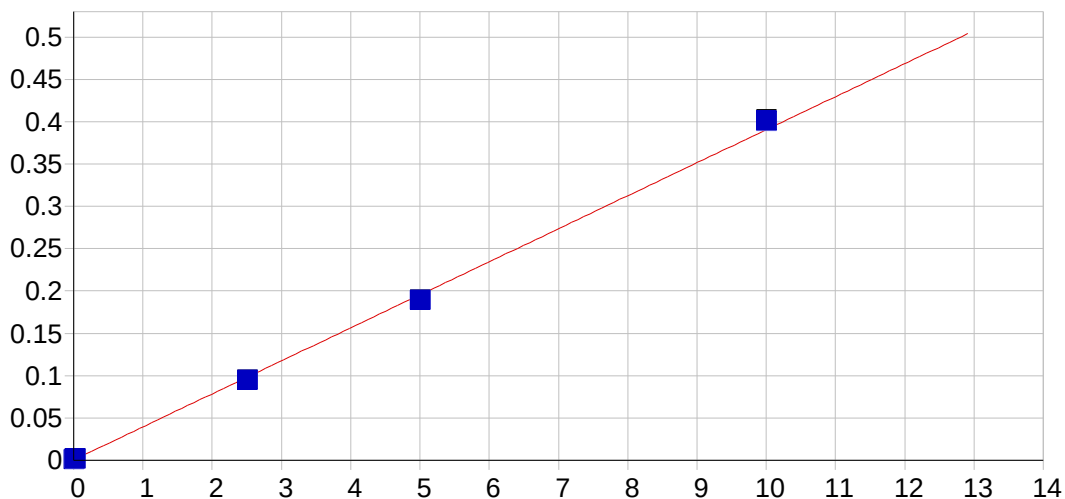


B 249.678 {135}

Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000023 Re-Slope: 1.000000
 A1 (Gain): 0.002513 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.019354
 Predicted MQL: 0.064514

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00002	.000	1
S1	.10000	.10736	.007	7.36	.00025	.000	1
S3	2.5000	2.5208	.021	.833	.00630	.000	1
S4	5.0000	4.9886	-.011	-.228	.01249	.000	1
S5	10.000	9.9832	-.017	-.168	.02501	.000	1



S 182.034 {485}

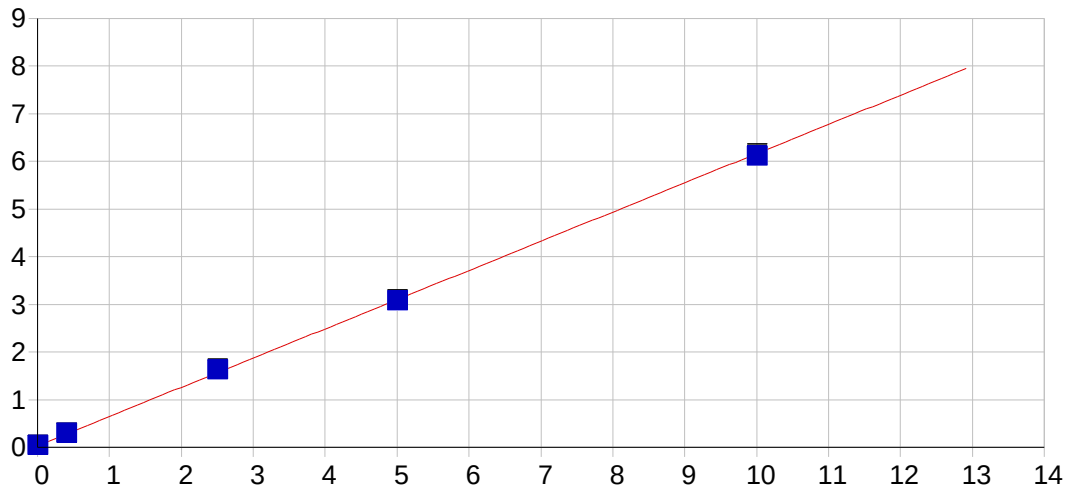
Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000494 Re-Slope: 1.000000
 A1 (Gain): 0.039003 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999555
 Std Error of Est: 0.000028
 Predicted MDL: 0.004221
 Predicted MQL: 0.014070

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00049	.000	1
S1	.02000	.02020	.000	.991	.00126	.000	1
S3	2.5000	2.4066	-.093	-3.74	.09426	.000	1
S4	5.0000	4.8353	-.165	-3.29	.18889	.000	1
S5	10.000	10.258	.258	2.58	.40018	.001	1



Si 288.158 {117}

Date of Fit: 6/27/2019 17:46:57

Type of Fit: Linear

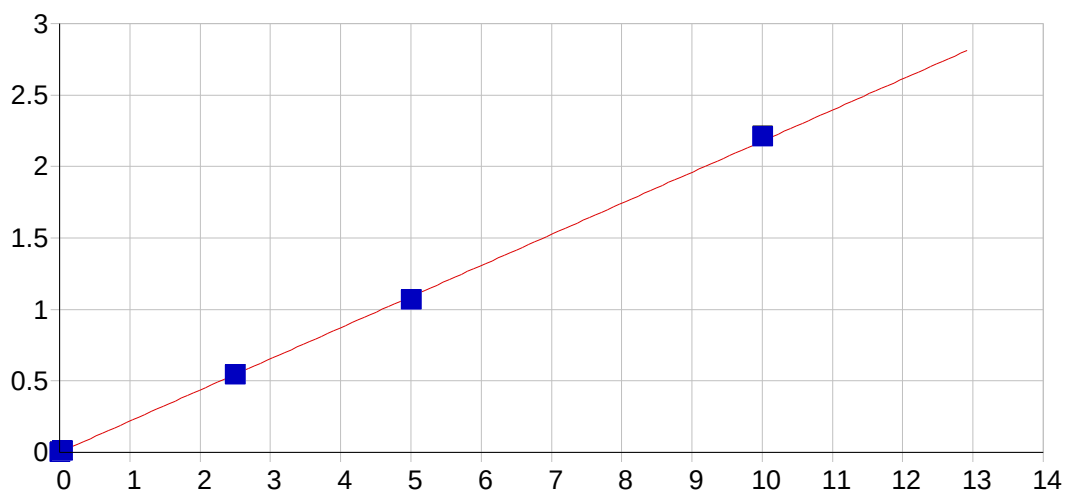
Weighting: 1/Conc

A0 (Offset): 0.033683
 A1 (Gain): 0.613011
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828
 Std Error of Est: 0.001239
 Predicted MDL: 0.003379
 Predicted MQL: 0.011264

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	.03367	.002	1
S1	.40000	.42026	.020	5.06	.29110	.002	1
S3	2.5000	2.6014	.101	4.06	1.6275	.013	1
S4	5.0000	4.9536	-.046	-.928	3.0687	.025	1
S5	10.000	9.9248	-.075	-.752	6.1144	.038	1

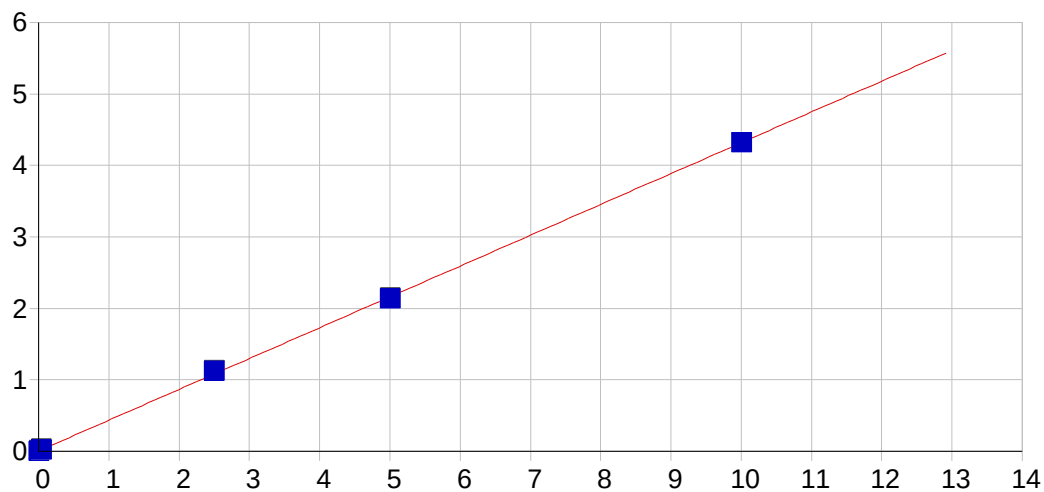


Sn 189.989 {477}

Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001633 Re-Slope: 1.000000
 A1 (Gain): 0.217596 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.000119
 Predicted MDL: 0.000795
 Predicted MQL: 0.002652

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00163	.000	1
S1	.04000	.03863	-.001	-3.42	.01004	.000	1
S3	2.5000	2.4865	-.013	-.538	.54279	.001	1
S4	5.0000	4.8846	-.115	-2.31	1.0647	.002	1
S5	10.000	10.130	.130	1.30	2.2063	.003	1



Ti 336.121 {100}

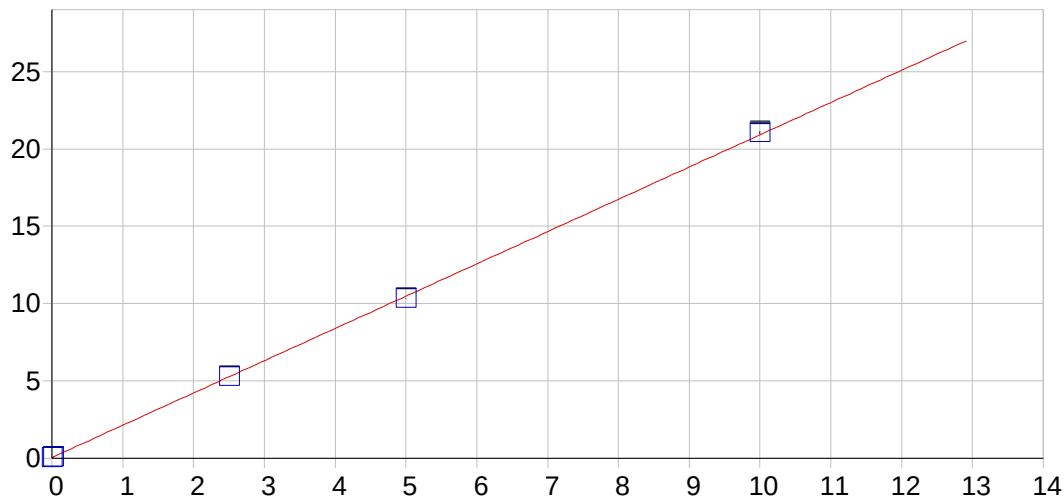
Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004186 Re-Slope: 1.000000
 A1 (Gain): 0.431295 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893
 Std Error of Est: 0.000216
 Predicted MDL: 0.002952
 Predicted MQL: 0.009839

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00419	.001	1
S1	.04000	.04184	.002	4.61	.02222	.001	1
S3	2.5000	2.5811	.081	3.24	1.1172	.011	1
S4	5.0000	4.9278	-.072	-1.44	2.1293	.010	1
S5	10.000	9.9893	-.011	-.107	4.3120	.006	1



Li 670.784 { 50}

Date of Fit: 6/27/2019 17:46:57

Type of Fit: Linear

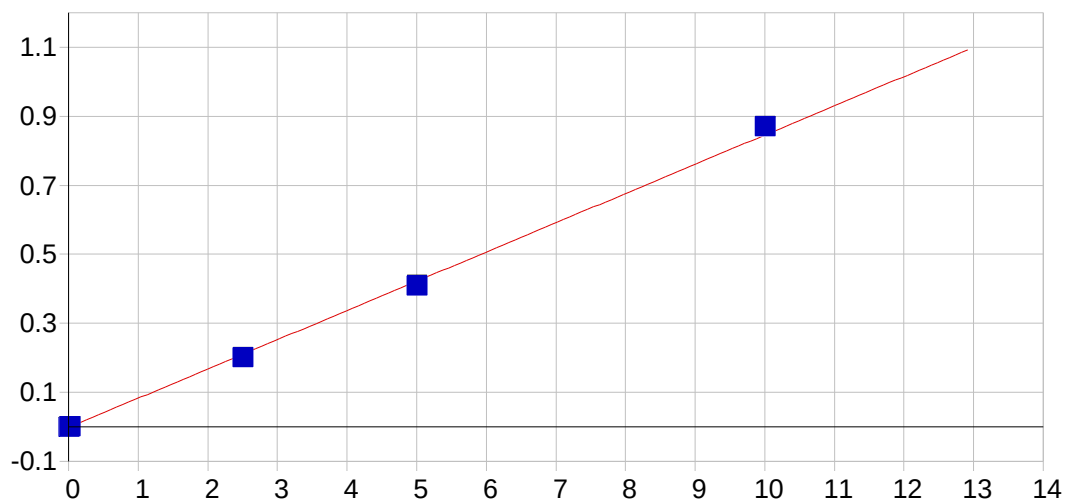
Weighting: 1/Conc

A0 (Offset): 0.049872
 A1 (Gain): 2.086330
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954
 Std Error of Est: 0.000481
 Predicted MDL: 0.002600
 Predicted MQL: 0.008667

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	.04987	.004	1
S1	.02000	.02008	.000	.413	.09177	.002	1
S3	2.5000	2.5082	.008	.330	5.2829	.017	1
S4	5.0000	4.9250	-.075	-1.50	10.325	.014	1
S5	10.000	10.067	.067	.667	21.052	.080	1

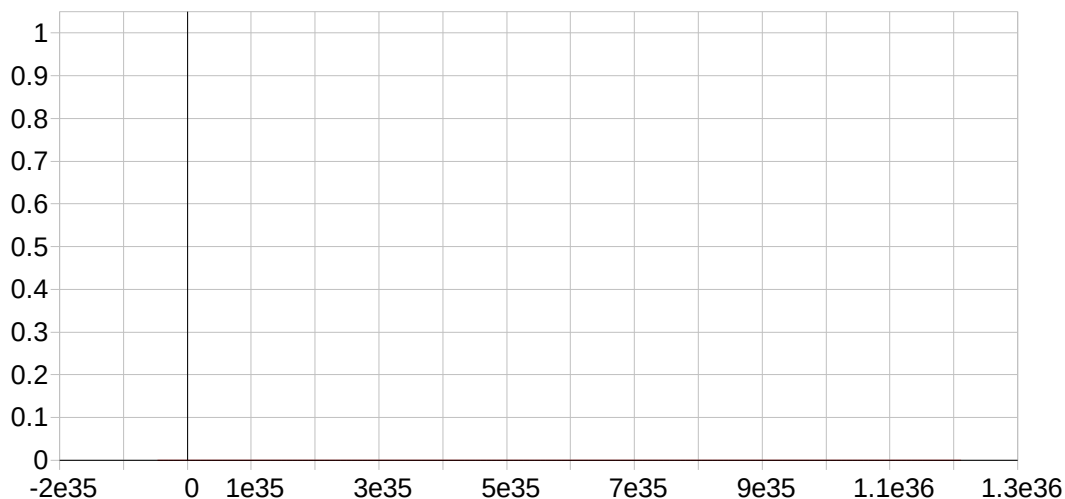


P 177.495 {490}

Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001726 Re-Slope: 1.000000
 A1 (Gain): 0.084740 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999479 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.002031
 Predicted MQL: 0.006771

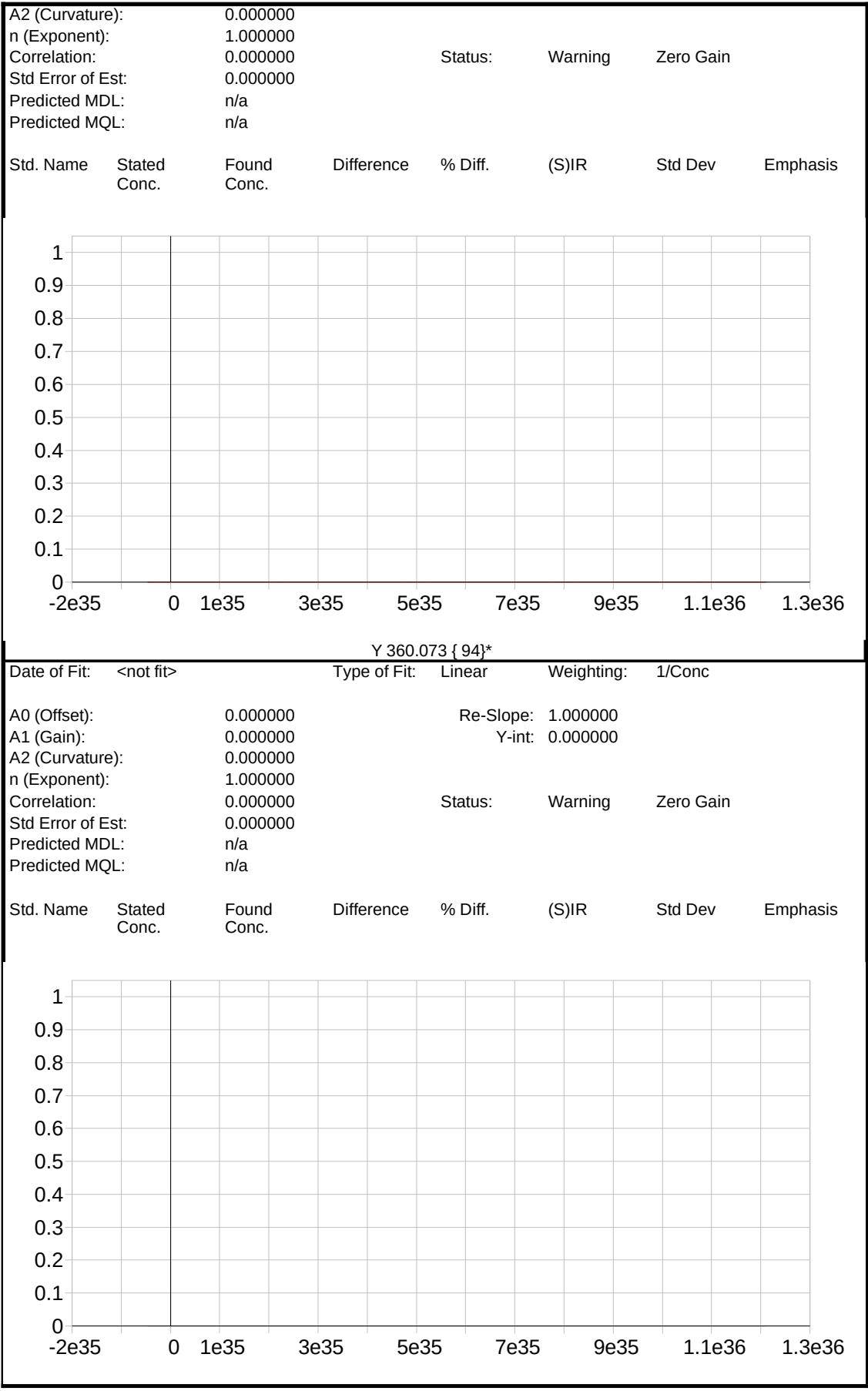
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00173	.000	1
S1	.02000	.01770	-.002	-11.5	-.00023	.000	1
S3	2.5000	2.3902	-.110	-4.39	.20052	.000	1
S4	5.0000	4.8349	-.165	-3.30	.40737	.001	1
S5	10.000	10.277	.277	2.77	.86793	.001	1

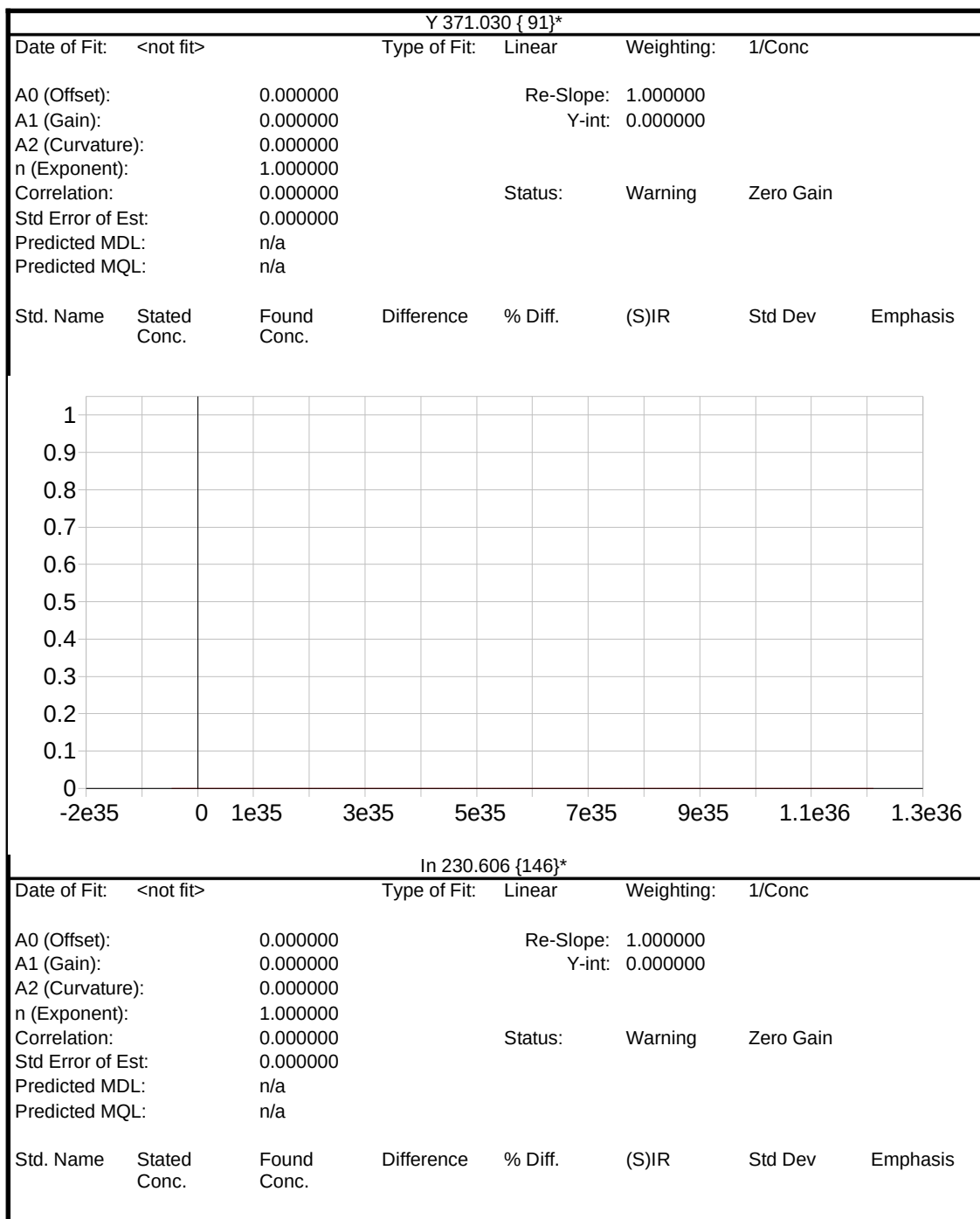


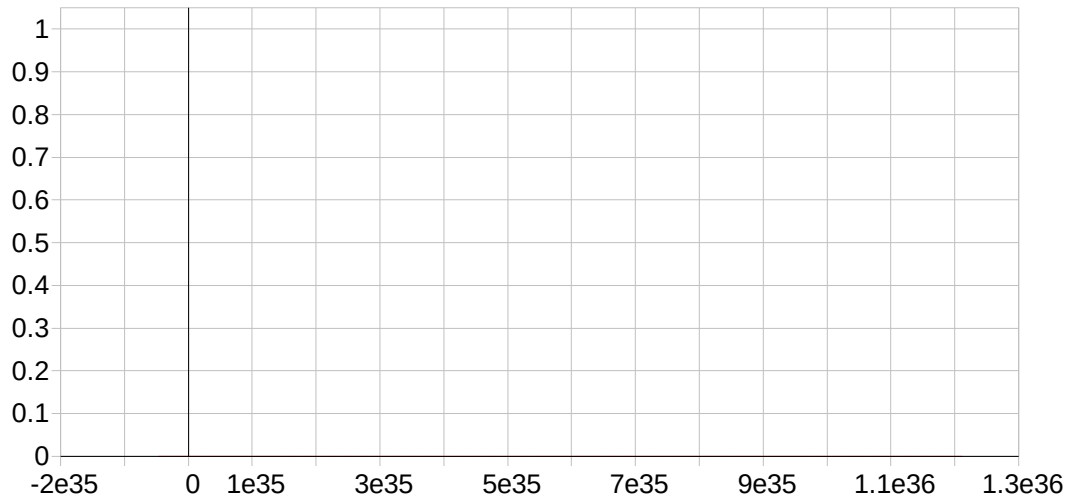
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

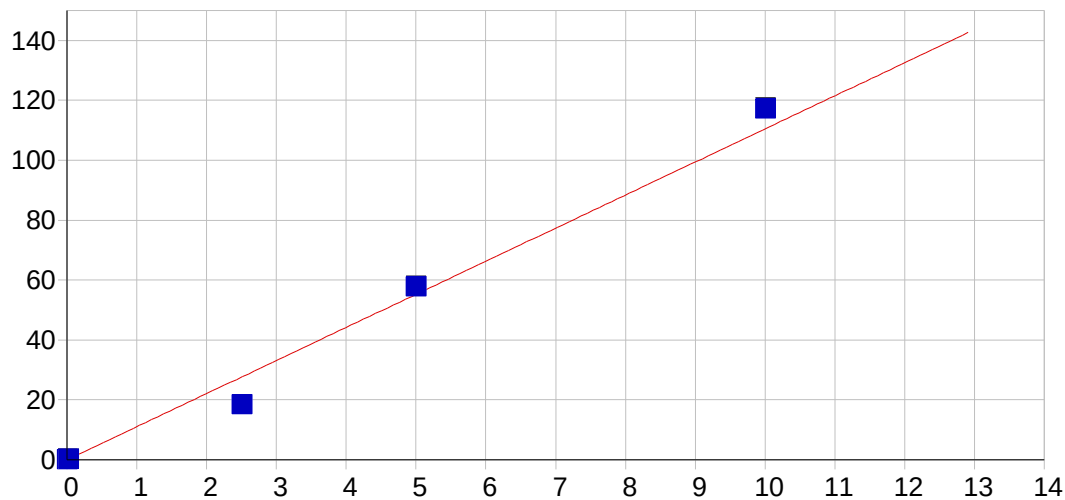
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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



Sr 407.771 { 83}

Date of Fit: 6/27/2019 17:46:57

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000534

Re-Slope: 1.000000

A1 (Gain): 11.047142

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.990783

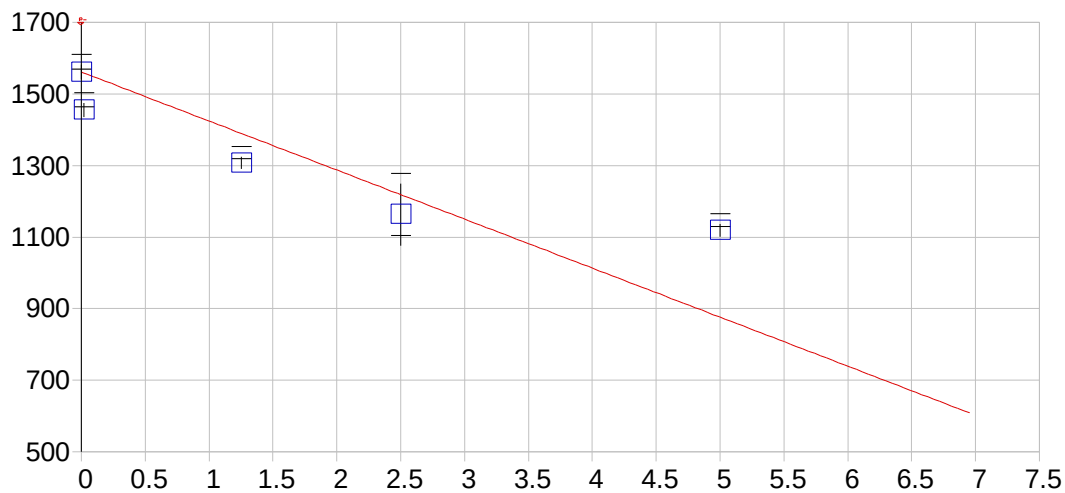
Status: OK.

Std Error of Est: 0.036521

Predicted MDL: 0.000206

Predicted MQL: 0.000686

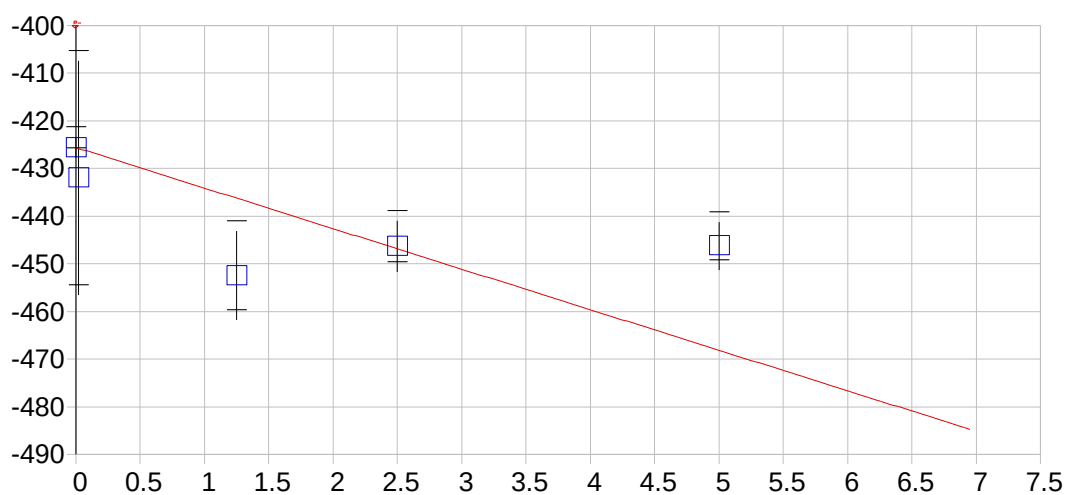
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00052	.000	1
S1	.02000	.02622	.006	31.1	.29143	.004	1
S3	2.5000	1.6638	-.836	-33.4	18.411	.055	1
S4	5.0000	5.2312	.231	4.62	57.851	.153	1
S5	10.000	10.599	.599	5.99	117.21	.286	1



Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1561.209881 Re-Slope: 1.000000
A1 (Gain): -137.004340 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.477282 Status: Warning Negative Gain
Std Error of Est: 4.310556
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00076	-.001	.000	1561.3	21.1	1
S1	.02000	.77777	.758	3790.	1454.7	19.4	1
S3	1.2500	1.8577	.608	48.6	1306.7	16.9	1
S4	2.5000	2.9054	.405	16.2	1163.2	86.5	1
S5	5.0000	3.2292	-1.77	-35.4	1118.8	17.5	1



U 385.958 { 87}

Date of Fit: 6/27/2019 17:46:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -425.599370 Re-Slope: 1.000000

A1 (Gain): -8.506972 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.472337

Status: Warning Negative Gain

Std Error of Est: 0.271277

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00074	-.001	.000	-425.59	2.19	1
S1	.02000	.74490	.725	3620.	-431.94	24.6	1
S3	1.2500	3.1573	1.91	153.	-452.46	9.31	1
S4	2.5000	2.4420	-.058	-2.32	-446.37	5.35	1
S5	5.0000	2.4259	-2.57	-51.5	-446.24	5.02	1

Sample Name: S0 Acquired: 6/27/2019 10:52:51 Type: Cal
Method: P4-ICP2(v3237) 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	.00004	.00028	.00959	.00062	.00121	.00133	-.00343	-.00027
Stddev	.00032	.00026	.00028	.00023	.00009	.00006	.00017	.00002
%RSD	727.81	92.004	2.9041	36.802	7.2832	4.6099	4.9057	6.1801

#1	-.00004	.00027	.00990	.00037	.00115	.00136	-.00348	-.00029
#2	-.00023	.00053	.00936	.00082	.00117	.00126	-.00324	-.00026
#3	.00040	.00002	.00952	.00066	.00132	.00136	-.00356	-.00025

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	-.00637	.00378	.00054	-.00056	.00322	.00244	.00026	.00021
Stddev	.00008	.00121	.00014	.00008	.00052	.00016	.00005	.00007
%RSD	1.1953	31.911	24.974	13.655	16.131	6.7251	21.201	31.405

#1	-.00646	.00253	.00055	-.00055	.00281	.00257	.00024	.00021
#2	-.00634	.00387	.00068	-.00064	.00304	.00225	.00021	.00028
#3	-.00631	.00494	.00040	-.00049	.00381	.00249	.00032	.00014

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	-.01348	.00133	-.00175	.00116	.00340	.00096	.00054	-.00002
Stddev	.00014	.00005	.00003	.00004	.00021	.00054	.00015	.00005
%RSD	1.0704	3.9177	1.8732	3.3856	6.3071	56.366	28.744	221.51

#1	-.01363	.00134	-.00176	.00113	.00324	.00035	.00070	.00004
#2	-.01334	.00127	-.00172	.00120	.00332	.00137	.00040	-.00005
#3	-.01348	.00137	-.00178	.00115	.00364	.00115	.00050	-.00005

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	.00049	.03367	.00163	.00419	.04987	-.0017	.00052	1561.3
Stddev	.00011	.00200	.00010	.00088	.00382	.0001	.00013	21.1
%RSD	21.786	5.9276	5.9350	21.066	7.6529	7.150	25.977	1.3512

#1	.00046	.03563	.00153	.00345	.04841	-.0019	.00066	1576.9
#2	.00041	.03373	.00172	.00516	.04700	-.0016	.00040	1569.7
#3	.00062	.03164	.00166	.00394	.05420	-.0017	.00049	1537.3

Sample Name: S0 Acquired: 6/27/2019 10:52:51 Type: Cal
 Method: P4-ICP2(v3237) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-425.59
Stddev	2.19
%RSD	.51419

#1	-427.51
#2	-426.05
#3	-423.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2552.7	27683.	2045.4	32.914	2817.8
Stddev	8.2	47.	9.1	1.410	8.2
%RSD	.32247	.16919	.44413	4.2826	.29030

#1	2543.2	27687.	2040.8	31.289	2808.4
#2	2557.7	27634.	2055.9	33.659	2821.9
#3	2557.2	27728.	2039.6	33.795	2823.2

Sample Name: S1 Acquired: 6/27/2019 10:57:16 Type: Cal
Method: P4-ICP2(v3237) 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	.00122	.00701	.01417	.00199	.00873	.00232	.03982	.00766
Stddev	.00012	.00015	.00036	.00019	.00007	.00005	.00066	.00008
%RSD	9.8194	2.0700	2.5441	9.4092	.82125	2.0517	1.6605	.98318

#1	.00125	.00689	.01432	.00178	.00880	.00227	.03909	.00772
#2	.00131	.00696	.01376	.00214	.00865	.00232	.04003	.00768
#3	.00108	.00717	.01443	.00205	.00874	.00237	.04036	.00757

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	.02134	.00369	.03884	.02479	.01752	.03355	.01844	.00429
Stddev	.00053	.00019	.00025	.00026	.00005	.00008	.00038	.00020
%RSD	2.4717	5.0955	.64988	1.0516	.29683	.23061	2.0417	4.6467

#1	.02106	.00379	.03868	.02449	.01756	.03363	.01858	.00442
#2	.02101	.00381	.03870	.02496	.01753	.03352	.01873	.00439
#3	.02194	.00347	.03913	.02491	.01746	.03349	.01801	.00406

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	.01351	.11543	.14705	.00025	.00126	.29110	.01004	.02222
Stddev	.00009	.00044	.00058	.00001	.00013	.00171	.00011	.00059
%RSD	.66375	.38157	.39705	5.6959	10.481	.58637	1.0723	2.6550

#1	.01342	.11581	.14638	.00023	.00126	.29307	.01012	.02173
#2	.01360	.11554	.14739	.00025	.00113	.28999	.00992	.02288
#3	.01353	.11495	.14738	.00026	.00139	.29025	.01008	.02207

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.09177	-.0002	.29143	1454.7	-431.94
Stddev	.00227	.0001	.00363	19.4	24.58
%RSD	2.4691	40.85	1.2456	1.3308	5.6901

#1	.09326	-.0002	.28776	1453.5	-419.97
#2	.09289	-.0002	.29502	1474.6	-415.64
#3	.08916	-.0003	.29150	1435.9	-460.21

Sample Name: S1 Acquired: 6/27/2019 10:57:16 Type: Cal
Method: P4-ICP2(v3237) 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	2532.5	27781.	2061.4	33.799	2775.8
Stddev	4.7	24.	19.8	.836	4.6
%RSD	.18607	.08806	.96059	2.4742	.16638
#1	2527.1	27781.	2039.1	33.582	2770.8
#2	2535.5	27805.	2067.9	34.723	2779.9
#3	2534.9	27756.	2077.1	33.093	2776.7

Sample Name: S2 Acquired: 6/27/2019 11:01:41 Type: Cal
Method: P4-ICP2(v3237) 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	.16468	.00256	.06965	.01727
Stddev	.00126	.00002	.00128	.00023
%RSD	.76293	.73237	1.8442	1.3050

#1	.16466	.00254	.06817	.01702
#2	.16343	.00257	.07039	.01734
#3	.16594	.00257	.07040	.01745

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	27711.	2064.5
Stddev	42.	18.0
%RSD	.15021	.87366

#1	27752.	2048.8
#2	27669.	2084.2
#3	27712.	2060.5

Sample Name: S3 Acquired: 6/27/2019 11:05:54 Type: Cal
Method: P4-ICP2(v3237) 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	.14788	.45605	.95207	.17951	.37947	.04446	2.1132	.15715
Stddev	.00034	.00064	.00217	.00047	.00056	.00021	.0109	.00035
%RSD	.23264	.14070	.22796	.26019	.14879	.47393	.51543	.21984
#1	.14748	.45558	.94977	.17939	.37908	.04428	2.1023	.15707
#2	.14806	.45578	.95236	.17911	.37920	.04441	2.1132	.15685
#3	.14809	.45678	.95408	.18002	.38011	.04470	2.1241	.15753
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	5.9220	.83089	.14959	1.7508	.65813	.36846	1.9666	.01297
Stddev	.0160	.00344	.00039	.0035	.00072	.00077	.0027	.00006
%RSD	.26981	.41424	.26108	.19894	.10897	.20784	.13547	.48769
#1	5.9058	.82818	.14997	1.7472	.65774	.36920	1.9669	.01301
#2	5.9225	.83476	.14919	1.7509	.65896	.36767	1.9691	.01290
#3	5.9377	.82972	.14962	1.7542	.65769	.36852	1.9638	.01301
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	1.0092	.18173	.37785	.39314	3.5411	.09039	1.8177	.00630
Stddev	.0019	.00033	.00246	.00083	.0076	.00062	.0019	.00011
%RSD	.18676	.18015	.65089	.21147	.21451	.68588	.10625	1.7121
#1	1.0071	.18199	.37593	.39226	3.5327	.08988	1.8168	.00618
#2	1.0098	.18185	.37700	.39390	3.5475	.09021	1.8164	.00632
#3	1.0107	.18136	.38062	.39327	3.5431	.09108	1.8199	.00640
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	.09426	1.6275	.54279	1.1172	5.2829	.2005	18.411	1306.7
Stddev	.00028	.0133	.00063	.0112	.0172	.0002	.055	16.9
%RSD	.29577	.81492	.11618	1.0019	.32488	.1002	.29999	1.2955
#1	.09395	1.6319	.54227	1.1075	5.2992	.2003	18.375	1302.9
#2	.09434	1.6381	.54349	1.1295	5.2845	.2006	18.474	1292.0
#3	.09449	1.6126	.54260	1.1147	5.2650	.2006	18.383	1325.2

Sample Name: S3 Acquired: 6/27/2019 11:05:54 Type: Cal
 Method: P4-ICP2(v3237) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-452.46
Stddev	9.31
%RSD	2.0586

#1	-463.12
#2	-448.34
#3	-445.92

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2493.9	27792.	2086.5	33.280	2599.0
Stddev	2.9	54.	10.8	2.065	1.3
%RSD	.11550	.19268	.51884	6.2056	.05185

#1	2491.2	27737.	2080.7	33.020	2599.2
#2	2493.6	27844.	2079.8	35.463	2597.6
#3	2496.9	27794.	2099.0	31.357	2600.2

Sample Name: S4 Acquired: 6/27/2019 11:09:57 Type: Cal
Method: P4-ICP2(v3237) 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	.28892	.89194	1.8627	.34961	.74411	.08606	4.1879	.30916
Stddev	.00056	.00287	.0073	.00100	.00225	.00337	.1513	.01302
%RSD	.19366	.32134	.39058	.28544	.30197	3.9101	3.6116	4.2114
#1	.28835	.88897	1.8576	.34981	.74438	.08989	4.3616	.32384
#2	.28894	.89216	1.8595	.34853	.74174	.08356	4.0854	.29903
#3	.28947	.89469	1.8711	.35049	.74621	.08475	4.1168	.30460
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	11.791	1.5747	.29039	3.4380	1.2512	.70941	3.8405	.02551
Stddev	.032	.0100	.01252	.0115	.0020	.03088	.1602	.00092
%RSD	.27209	.63368	4.3111	.33400	.15767	4.3534	4.1708	3.6195
#1	11.763	1.5633	.30452	3.4316	1.2490	.74410	4.0206	.02653
#2	11.782	1.5819	.28069	3.4311	1.2529	.68491	3.7138	.02473
#3	11.826	1.5789	.28596	3.4512	1.2517	.69921	3.7872	.02528
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	1.9782	.35523	.75156	.76740	6.9637	.17886	3.4944	.01249
Stddev	.0037	.01341	.02615	.03231	.0166	.00556	.0083	.00030
%RSD	.18964	3.7741	3.4789	4.2105	.23884	3.1089	.23806	2.3876
#1	1.9754	.37029	.78137	.80353	6.9574	.18527	3.4970	.01282
#2	1.9766	.34460	.73252	.74129	6.9511	.17535	3.4850	.01226
#3	1.9824	.35080	.74079	.75737	6.9825	.17597	3.5010	.01237
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	.18889	3.0687	1.0647	2.1293	10.325	.4074	57.851	1163.2
Stddev	.00031	.0248	.0018	.0102	.014	.0013	.153	86.5
%RSD	.16172	.80748	.16676	.47917	.13093	.3233	.26392	7.4328
#1	.18864	3.0720	1.0636	2.1189	10.311	.4062	57.696	1064.0
#2	.18879	3.0424	1.0637	2.1295	10.326	.4071	57.855	1222.9
#3	.18923	3.0916	1.0667	2.1393	10.338	.4088	58.002	1202.5

Sample Name: S4 Acquired: 6/27/2019 11:09:57 Type: Cal
 Method: P4-ICP2(v3237) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-446.37
Stddev	5.35
%RSD	1.1982

#1	-440.24
#2	-448.84
#3	-450.04

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2431.2	26760.	2076.7	31.619	2461.0
Stddev	3.3	1029.	8.8	1.093	2.9
%RSD	.13371	3.8433	.42571	3.4558	.11751

#1	2427.7	25596.	2074.0	31.225	2463.6
#2	2434.2	27547.	2086.6	30.778	2461.7
#3	2431.6	27136.	2069.6	32.854	2457.9

Sample Name: S5 Acquired: 6/27/2019 11:13:55 Type: Cal
Method: P4-ICP2(v3237) 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	.58614	1.8187	3.8169	.70585	1.5028	.17133	8.4268	.60912
Stddev	.00131	.0058	.0042	.00148	.0006	.00080	.0738	.00174
%RSD	.22285	.31937	.10949	.20900	.04009	.46558	.87619	.28537
#1	.58752	1.8126	3.8218	.70520	1.5030	.17054	8.3586	.60996
#2	.58492	1.8193	3.8143	.70481	1.5021	.17132	8.4165	.61028
#3	.58600	1.8242	3.8148	.70754	1.5033	.17214	8.5052	.60712
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	24.445	3.1811	.57053	7.1087	2.4790	1.3916	7.5216	.05043
Stddev	.029	.0047	.00043	.0069	.0041	.0015	.0135	.00052
%RSD	.11661	.14747	.07563	.09646	.16657	.10863	.17924	1.0259
#1	24.425	3.1808	.57086	7.1087	2.4814	1.3931	7.5345	.04997
#2	24.433	3.1860	.57004	7.1018	2.4742	1.3915	7.5227	.05033
#3	24.478	3.1766	.57069	7.1155	2.4813	1.3901	7.5076	.05099
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.1013	.70352	1.5247	1.5244	14.464	.36194	7.0251	.02501
Stddev	.0084	.00170	.0113	.0013	.018	.00270	.0053	.00032
%RSD	.20613	.24098	.73760	.08299	.12770	.74733	.07586	1.2603
#1	4.1018	.70466	1.5137	1.5257	14.477	.35967	7.0235	.02478
#2	4.0925	.70157	1.5240	1.5232	14.443	.36122	7.0208	.02488
#3	4.1094	.70434	1.5362	1.5244	14.471	.36493	7.0310	.02537
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	.40018	6.1144	2.2063	4.3120	21.052	.8679	117.21	1118.8
Stddev	.00133	.0382	.0035	.0065	.080	.0012	.29	17.5
%RSD	.33194	.62495	.15766	.14976	.37906	.1346	.24403	1.5629
#1	.39882	6.1408	2.2088	4.3067	21.110	.8682	117.11	1120.4
#2	.40148	6.1318	2.2023	4.3100	21.086	.8667	117.53	1100.6
#3	.40025	6.0706	2.2078	4.3192	20.961	.8690	116.99	1135.4

Sample Name: S5 Acquired: 6/27/2019 11:13:55 Type: Cal
Method: P4-ICP2(v3237) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-446.24
Stddev	5.02
%RSD	1.1261

#1	-442.53
#2	-451.96
#3	-444.22

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2384.5	26641.	2051.4	31.617	2319.0
Stddev	4.1	22.	21.3	.523	3.2
%RSD	.17248	.08401	1.0363	1.6546	.13592

#1	2381.3	26637.	2037.0	31.445	2318.7
#2	2389.1	26620.	2041.3	32.205	2322.4
#3	2383.0	26665.	2075.8	31.202	2316.1

Sample Name: ICV01 Acquired: 6/27/2019 11:17:51 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0073	1.0323	.98718	1.0128	1.0018	2.5288	.50805	.49817
Stddev	.0018	.0014	.00253	.0003	.0036	.0255	.00101	.00163
%RSD	.17351	.13301	.25640	.03383	.35765	1.0090	.19920	.32693
#1	1.0093	1.0332	.98797	1.0129	.99917	2.5010	.50710	.49998
#2	1.0064	1.0307	.98435	1.0131	1.0003	2.5511	.50795	.49682
#3	1.0062	1.0330	.98923	1.0124	1.0059	2.5343	.50911	.49771
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47775	10.274	.50819	.49389	F .52725	5.1602	.51325	5.8617
Stddev	.00245	.083	.00067	.00097	.00111	.0037	.00061	.0579
%RSD	.51182	.81162	.13225	.19721	.21076	.07233	.11980	.98834
#1	.47754	10.200	.50742	.49474	.52848	5.1571	.51311	5.9140
#2	.47542	10.257	.50870	.49283	.52631	5.1590	.51273	5.8716
#3	.48030	10.364	.50844	.49411	.52698	5.1643	.51393	5.7994
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49893	.51617	10.015	.50135	F .96494	9.9649	2.5840	2.5842
Stddev	.00097	.00104	.016	.00276	.00550	.0313	.0162	.0360
%RSD	.19471	.20088	.15510	.55149	.56989	.31376	.62625	1.3914
#1	.49785	.51731	10.025	.49876	.96423	9.9756	2.5798	2.5939
#2	.49921	.51591	9.9967	.50103	.95984	9.9297	2.5703	2.5444
#3	.49973	.51529	10.022	.50426	.97077	9.9895	2.6019	2.6143
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5032	2.5240	2.4750	2.5890	F .00003	F -.0006	F .00914	F 2.4707
Stddev	.0059	.0082	.0029	.0194	.00316	.0012	.00015	.1354
%RSD	.23582	.32341	.11589	.74802	9564.4	202.2	1.6175	5.4817
#1	2.5033	2.5221	2.4780	2.5668	-.00146	-.0004	.00924	2.3262
#2	2.4972	2.5330	2.4750	2.5979	-.00211	.0005	.00897	2.4912
#3	2.5090	2.5170	2.4722	2.6023	.00367	-.0020	.00922	2.5947

Sample Name: ICV01 Acquired: 6/27/2019 11:17:51 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0814
Stddev	1.2983
%RSD	62.375

#1	3.5366
#2	1.0418
#3	1.6658

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2502.6	27695.	2089.4	33.788	2653.6
Stddev	12.3	88.	7.2	1.705	13.5
%RSD	.49077	.31720	.34611	5.0455	.50811

#1	2502.9	27623.	2095.2	33.041	2652.7
#2	2514.7	27669.	2081.3	32.584	2667.4
#3	2490.2	27793.	2091.7	35.739	2640.5

Sample Name: LLICV01 Acquired: 6/27/2019 11:26:24 Type: Unk
Method: P4-ICP2(v3237) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01752	.04239	.01358	.02035	.05141	.10233	.10621	.00656
Stddev	.00470	.00143	.00016	.00496	.00054	.00773	.00085	.00005
%RSD	26.833	3.3820	1.1507	24.373	1.0555	7.5544	.79778	.75581
#1	.01838	.04340	.01339	.02528	.05185	.11106	.10524	.00660
#2	.02173	.04301	.01367	.02043	.05157	.09635	.10678	.00650
#3	.01245	.04075	.01366	.01536	.05080	.09959	.10661	.00656
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00590	2.1199	.01115	.02914	.02143	.10835	.02247	1.9669
Stddev	.00008	.0358	.00029	.00014	.00012	.00038	.00002	.1040
%RSD	1.3476	1.6895	2.6135	.49585	.55082	.34668	.08468	5.2874
#1	.00596	2.0796	.01100	.02930	.02136	.10792	.02246	2.0869
#2	.00581	2.1480	.01097	.02911	.02157	.10851	.02245	1.9017
#3	.00593	2.1321	.01149	.02902	.02137	.10862	.02249	1.9123
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03987	.01083	2.0568	.04093	.04039	1.9635	.21387	F .14599
Stddev	.00062	.00043	.0083	.00039	.00003	.0052	.00030	.02415
%RSD	1.5553	3.9983	.40552	.94602	.07328	.26601	.13915	16.541
#1	.04044	.01124	2.0472	.04109	.04043	1.9610	.21409	.16869
#2	.03996	.01038	2.0608	.04121	.04039	1.9599	.21400	.14867
#3	.03921	.01086	2.0623	.04049	.04037	1.9695	.21353	.12062
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02260	.41880	.03951	.04427	.02008	.0163	F .02651	F 2.6769
Stddev	.00283	.00793	.00094	.00065	.00185	.0011	.00017	.1555
%RSD	12.501	1.8930	2.3871	1.4666	9.2227	6.952	.65574	5.8094
#1	.02078	.42160	.03882	.04451	.02006	.0158	.02659	2.8221
#2	.02586	.40985	.04059	.04476	.01823	.0176	.02631	2.6959
#3	.02116	.42495	.03912	.04353	.02193	.0155	.02662	2.5128

Sample Name: LLICV01 Acquired: 6/27/2019 11:26:24 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0773
Stddev .6841
%RSD 63.496

#1 1.0228
#2 1.7870
#3 .42217

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2495.1	27978.	2077.2	32.955	2727.9
Stddev	1.8	44.	11.8	.683	1.6
%RSD	.07344	.15738	.56963	2.0738	.05748

#1	2495.8	27983.	2085.3	33.670	2727.1
#2	2493.0	28019.	2082.5	32.309	2729.7
#3	2496.5	27931.	2063.6	32.884	2726.9

Sample Name: ICB01 Acquired: 6/27/2019 11:30:50 Type: Unk
Method: P4-ICP2(v3237) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00070	-.00067	.00011	-.00191	-.00352	-.00721	.00150	-.00001
Stddev	.00146	.00040	.00062	.00138	.00162	.00400	.00121	.00005
%RSD	209.26	59.501	545.48	72.419	46.034	55.447	81.046	1013.6
#1	-.00175	-.00063	.00071	-.00350	-.00168	-.00264	.00278	-.00006
#2	.00097	-.00109	.00017	-.00122	-.00418	-.00895	.00134	.00002
#3	-.00131	-.00030	-.00054	-.00101	-.00471	-.01004	.00037	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.03432	.00067	-.00022	-.00021	.00053	-.00005	-.02125
Stddev	.00009	.02802	.00050	.00006	.00007	.00052	.00007	.05085
%RSD	129.97	81.624	74.259	29.394	34.575	98.944	142.03	239.25
#1	.00016	.01859	.00083	-.00018	-.00013	.00103	-.00012	-.05139
#2	-.00000	.06667	.00011	-.00029	-.00023	-.00001	-.00004	-.04983
#3	.00004	.01771	.00106	-.00018	-.00026	.00057	.00002	.03746
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	.00058	.02558	-.00042	-.00005	-.03704	-.00014	.02375
Stddev	.00036	.00051	.00881	.00052	.00008	.01441	.00046	.00806
%RSD	105.53	87.325	34.458	125.01	158.02	38.911	317.35	33.949
#1	-.00013	.00106	.03326	-.00051	-.00012	-.03295	.00022	.01526
#2	-.00014	.00005	.01595	.00015	.00003	-.02511	-.00000	.03131
#3	-.00076	.00062	.02752	-.00089	-.00006	-.05305	-.00065	.02468
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	.00226	.00041	.00168	.00105	-.0028	-.00014	F 2.8250
Stddev	.00054	.00129	.00029	.00110	.00191	.0002	.00008	.1610
%RSD	85.305	56.908	72.212	65.558	181.17	8.088	57.205	5.6989
#1	.00120	.00369	.00061	.00289	-.00019	-.0031	-.00007	2.7154
#2	.00013	.00119	.00007	.00071	.00325	-.0027	-.00012	2.7497
#3	.00056	.00189	.00054	.00146	.00010	-.0026	-.00023	3.0098

Sample Name: ICB01 Acquired: 6/27/2019 11:30:50 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9540
Stddev	.5927
%RSD	20.062

#1	2.4296
#2	3.5970
#3	2.8354

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2495.0	27906.	2079.4	33.178	2743.8
Stddev	.8	159.	4.1	.748	.6
%RSD	.03025	.56963	.19756	2.2558	.02106

#1	2494.1	27872.	2080.8	32.373	2743.2
#2	2495.4	27766.	2074.8	33.852	2743.8
#3	2495.5	28079.	2082.7	33.309	2744.3

Sample Name: CRI01 Acquired: 6/27/2019 11:35:17 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01921	.04131	.01265	.01915	.04993	.09434	.10679	.00647
Stddev	.00170	.00046	.00037	.00142	.00089	.01246	.00011	.00009
%RSD	8.8541	1.1029	2.9265	7.4105	1.7911	13.204	.10460	1.4118
#1	.01907	.04103	.01277	.02056	.05049	.10482	.10669	.00637
#2	.02098	.04183	.01296	.01773	.04890	.09762	.10691	.00655
#3	.01759	.04106	.01224	.01916	.05041	.08057	.10677	.00648
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00570	2.1052	.01050	.02911	.02148	.10795	.02252	1.9704
Stddev	.00009	.0411	.00011	.00016	.00037	.00020	.00005	.0673
%RSD	1.5883	1.9530	1.0079	.55069	1.7030	.18576	.21515	3.4161
#1	.00580	2.0761	.01048	.02922	.02185	.10781	.02247	1.8970
#2	.00570	2.0873	.01061	.02918	.02149	.10786	.02253	2.0292
#3	.00561	2.1522	.01041	.02893	.02111	.10818	.02256	1.9851
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04015	.01077	2.0433	.04071	.04038	1.9981	.21417	.12737
Stddev	.00041	.00042	.0254	.00052	.00007	.0528	.00082	.02050
%RSD	1.0103	3.9161	1.2427	1.2741	.17560	2.6433	.38519	16.098
#1	.03968	.01034	2.0212	.04101	.04045	1.9420	.21476	.14065
#2	.04032	.01079	2.0376	.04011	.04031	2.0055	.21453	.10375
#3	.04044	.01118	2.0711	.04101	.04039	2.0469	.21323	.13769
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02389	.40684	.03996	.04318	.01883	.0156	F .02613	F 2.9601
Stddev	.00222	.00108	.00077	.00156	.00091	.0010	.00035	.1549
%RSD	9.3044	.26572	1.9218	3.6075	4.8350	6.747	1.3233	5.2335
#1	.02136	.40695	.03973	.04164	.01845	.0144	.02625	2.8263
#2	.02554	.40570	.03934	.04315	.01987	.0159	.02574	3.1298
#3	.02476	.40785	.04082	.04475	.01817	.0164	.02641	2.9242

Sample Name: CRI01 Acquired: 6/27/2019 11:35:17 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.8715
Stddev	1.5078
%RSD	80.567

#1	.50131
#2	3.4869
#3	1.6264

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2489.4	27988.	2084.5	33.745	2720.9
Stddev	3.1	125.	6.8	1.781	8.3
%RSD	.12488	.44803	.32556	5.2770	.30387

#1	2490.3	27898.	2090.1	34.125	2721.3
#2	2486.0	28132.	2086.6	31.805	2712.5
#3	2492.0	27935.	2077.0	35.305	2729.0

Sample Name: ICSA01 Acquired: 6/27/2019 11:39:43 Type: Unk
Method: P4-ICP2(v3237) 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	-.00271	.00727	.00164	.01446	.00685	269.25	.00813	.00077
Stddev	.00387	.00087	.00189	.00195	.00230	.95	.00078	.00021
%RSD	142.83	11.992	115.16	13.479	33.654	.35406	9.6505	26.749
#1	-.00508	.00794	.00165	.01646	.00947	268.42	.00878	.00075
#2	-.00481	.00758	.00352	.01256	.00515	269.03	.00726	.00058
#3	.00176	.00628	-.00025	.01436	.00592	270.29	.00835	.00100
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00300	255.70	.04987	-.00099	.00367	99.376	.01533	278.84
Stddev	.00020	.48	.00056	.00020	.00025	.216	.00016	.70
%RSD	6.7442	.18741	1.1232	20.231	6.9285	.21733	1.0481	.25207
#1	-.00277	255.26	.05052	-.00120	.00396	99.228	.01538	279.12
#2	-.00316	255.63	.04953	-.00098	.00353	99.624	.01515	278.04
#3	-.00306	256.21	.04957	-.00079	.00351	99.276	.01546	279.35
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01411	.00928	.04988	.00156	-.01409	-.02058	-.00049	.08638
Stddev	.00030	.00051	.00369	.00013	.00019	.02736	.00052	.02523
%RSD	2.1153	5.5270	7.4025	8.4249	1.3204	132.94	104.69	29.211
#1	-.01412	.00981	.04985	.00154	-.01420	-.01040	-.00109	.05733
#2	-.01380	.00878	.04621	.00144	-.01421	.00023	-.00023	.10282
#3	-.01440	.00924	.05359	.00170	-.01388	-.05158	-.00016	.09900
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01110	-.00518	.01416	-.00263	.00252	.0161	F .02390	4.1945
Stddev	.01049	.00182	.00025	.00333	.00259	.0007	.00036	.1522
%RSD	94.496	35.080	1.7812	126.48	102.79	4.323	1.4882	3.6276
#1	.02298	-.00704	.01435	-.00068	.00229	.0162	.02355	4.3376
#2	.00308	-.00508	.01425	-.00647	.00521	.0154	.02391	4.2111
#3	.00725	-.00341	.01387	-.00074	.00005	.0168	.02426	4.0347

Sample Name: ICSA01 Acquired: 6/27/2019 11:39:43 Type: Unk
 Method: P4-ICP2(v3237) 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	1.0355
%RSD	35.704

#1	-3.2748
#2	-3.6964
#3	-1.7296

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2301.9	25747.	2043.2	31.372	2195.0
Stddev	3.4	38.	5.5	2.430	2.0
%RSD	.14802	.14588	.26783	7.7448	.09246

#1	2300.5	25775.	2048.9	33.017	2197.1
#2	2305.8	25761.	2042.6	32.518	2194.8
#3	2299.5	25704.	2038.1	28.581	2193.1

Sample Name: ICSAB01 Acquired: 6/27/2019 11:44:23 Type: Unk
Method: P4-ICP2(v3237) 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	.09896	.11835	.05686	.06505	.62895	262.84	.54995	.54991
Stddev	.00270	.00209	.00217	.00406	.00332	1.55	.00335	.00225
%RSD	2.7300	1.7664	3.8205	6.2352	.52738	.58863	.60891	.40842
#1	.09929	.11840	.05534	.06402	.62551	264.05	.55207	.54859
#2	.09610	.12042	.05589	.06953	.62922	263.38	.55170	.54863
#3	.10147	.11624	.05935	.06161	.63213	261.10	.54609	.55250
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0522	249.10	.56902	.52918	.51284	97.321	.53541	270.27
Stddev	.0047	2.10	.00396	.00256	.00380	.369	.00303	2.05
%RSD	.44931	.84490	.69573	.48423	.74139	.37878	.56683	.75862
#1	1.0473	249.97	.56895	.52684	.50846	97.340	.53190	270.51
#2	1.0527	250.63	.56510	.52879	.51535	97.679	.53728	272.20
#3	1.0567	246.70	.57302	.53192	.51470	96.943	.53703	268.12
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0381	.16665	.04987	.52370	1.1216	.05210	1.0480	1.1336
Stddev	.0049	.00045	.02282	.00307	.0062	.02365	.0078	.0210
%RSD	.47166	.26733	45.763	.58668	.55316	45.385	.74449	1.8540
#1	1.0337	.16623	.02354	.52120	1.1155	.07609	1.0396	1.1108
#2	1.0373	.16659	.06404	.52278	1.1213	.02882	1.0495	1.1378
#3	1.0434	.16712	.06203	.52713	1.1279	.05138	1.0550	1.1522
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0811	.92191	1.0994	1.0164	F .00158	F .0185	F .02268	4.0116
Stddev	.0235	.00646	.0092	.0086	.00347	.0026	.00099	.0509
%RSD	2.1711	.70063	.84046	.84982	219.22	14.16	4.3467	1.2679
#1	1.0616	.91605	1.0926	1.0239	-.00181	.0214	.02374	3.9944
#2	1.0746	.92884	1.0958	1.0183	.00143	.0175	.02249	4.0689
#3	1.1072	.92085	1.1100	1.0070	.00512	.0165	.02180	3.9717

Sample Name: ICSAB01 Acquired: 6/27/2019 11:44:23 Type: Unk
 Method: P4-ICP2(v3237) 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	.20282
%RSD	7.8707

#1	-2.3611
#2	-2.7636
#3	-2.6058

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2328.4	26111.	2071.5	31.300	2200.5
Stddev	5.9	91.	16.3	.926	1.5
%RSD	.25410	.35009	.78744	2.9596	.06876

#1	2333.6	26022.	2057.9	30.950	2201.0
#2	2321.9	26106.	2067.1	30.600	2198.8
#3	2329.7	26205.	2089.6	32.350	2201.7

Sample Name: CCV01 Acquired: 6/27/2019 11:48:48 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9545	5.0184	4.9236	4.9902	4.9402	9.6098	9.9187	.24940
Stddev	.0186	.0127	.0163	.0231	.0137	.0349	.0105	.00074
%RSD	.37466	.25380	.33100	.46370	.27713	.36340	.10570	.29623
#1	4.9754	5.0291	4.9414	5.0136	4.9416	9.5701	9.9269	.24998
#2	4.9397	5.0043	4.9094	4.9896	4.9531	9.6236	9.9224	.24965
#3	4.9486	5.0217	4.9200	4.9673	4.9259	9.6357	9.9069	.24856
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4658	24.614	.98727	2.4655	1.2406	4.9701	2.5118	24.700
Stddev	.0062	.176	.00057	.0074	.0053	.0125	.0055	.021
%RSD	.25121	.71509	.05795	.29872	.42414	.25240	.21692	.08500
#1	2.4729	24.411	.98752	2.4735	1.2443	4.9691	2.5109	24.676
#2	2.4617	24.725	.98767	2.4591	1.2430	4.9831	2.5176	24.707
#3	2.4627	24.706	.98661	2.4638	1.2346	4.9580	2.5068	24.716
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4652	1.2386	24.602	2.4796	2.4600	24.735	4.9962	5.0187
Stddev	.0034	.0032	.042	.0053	.0077	.072	.0127	.0645
%RSD	.13797	.25882	.17252	.21400	.31419	.28935	.25517	1.2847
#1	2.4691	1.2414	24.645	2.4737	2.4688	24.817	5.0070	5.0905
#2	2.4632	1.2392	24.600	2.4840	2.4545	24.683	4.9996	4.9656
#3	2.4633	1.2351	24.560	2.4811	2.4566	24.705	4.9821	5.0001
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9223	4.8343	4.9228	4.9126	4.7875	4.991	5.2333	F 3.8381
Stddev	.0202	.0378	.0238	.0266	.0273	.013	.0256	.1152
%RSD	.41079	.78101	.48401	.54201	.57099	.2576	.48966	3.0020
#1	4.9456	4.7908	4.9502	4.8826	4.7589	5.006	5.2076	3.8344
#2	4.9089	4.8583	4.9073	4.9332	4.8133	4.985	5.2589	3.9551
#3	4.9125	4.8539	4.9109	4.9221	4.7902	4.982	5.2334	3.7247

Sample Name: CCV01 Acquired: 6/27/2019 11:48:48 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 4.4458
Stddev	1.6039
%RSD	36.077

#1	2.6842
#2	5.8218
#3	4.8314

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2419.1	27262.	2097.4	33.913	2442.3
Stddev	5.9	100.	12.5	1.195	6.3
%RSD	.24353	.36602	.59416	3.5243	.25881

#1	2415.0	27205.	2106.2	34.413	2435.0
#2	2416.4	27203.	2083.1	32.549	2446.5
#3	2425.9	27377.	2102.8	34.777	2445.4

Sample Name: LLCCV01 Acquired: 6/27/2019 11:52:47 Type: Unk
Method: P4-ICP2(v3237) 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	.01978	.04193	.01232	.02135	.05117	.11241	.10697	.00658
Stddev	.00437	.00072	.00073	.00310	.00070	.02262	.00085	.00009
%RSD	22.107	1.7075	5.9608	14.541	1.3732	20.124	.79534	1.3150
#1	.01979	.04236	.01304	.01894	.05196	.12730	.10795	.00652
#2	.02415	.04233	.01235	.02025	.05093	.12354	.10642	.00653
#3	.01540	.04111	.01158	.02485	.05061	.08638	.10655	.00668
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00590	2.1503	.01093	.02942	.02158	.10866	.02255	1.9966
Stddev	.00005	.0516	.00046	.00013	.00022	.00082	.00017	.0278
%RSD	.83299	2.3979	4.1763	.42654	1.0292	.75787	.73411	1.3934
#1	.00585	2.2071	.01075	.02952	.02183	.10949	.02269	2.0099
#2	.00589	2.1065	.01059	.02928	.02141	.10784	.02259	1.9646
#3	.00595	2.1371	.01145	.02945	.02149	.10865	.02237	2.0153
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04042	.01078	2.0674	.04082	.04035	2.0066	.21488	F .12840
Stddev	.00035	.00069	.0153	.00059	.00009	.0838	.00073	.01620
%RSD	.85950	6.3836	.73926	1.4423	.21115	4.1737	.34148	12.614
#1	.04007	.01120	2.0821	.04149	.04042	2.0784	.21501	.12640
#2	.04076	.00998	2.0685	.04043	.04039	1.9146	.21409	.14551
#3	.04044	.01114	2.0516	.04053	.04026	2.0268	.21554	.11330
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02392	.41719	.03966	.04553	.01918	.0181	F .02695	F 3.1402
Stddev	.00390	.01245	.00017	.00449	.00340	.0019	.00097	.1047
%RSD	16.294	2.9847	.43799	9.8716	17.727	10.32	3.5822	3.3351
#1	.01971	.43141	.03946	.05031	.01891	.0199	.02804	3.0959
#2	.02740	.41197	.03979	.04139	.02271	.0182	.02619	3.2597
#3	.02464	.40820	.03973	.04489	.01593	.0161	.02663	3.0648

Sample Name: LLCCV01 Acquired: 6/27/2019 11:52:47 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6678
Stddev	1.7985
%RSD	107.84

#1	3.3043
#2	1.9569
#3	-.25769

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2491.7	27792.	2048.5	33.548	2719.5
Stddev	8.3	151.	59.6	1.461	6.7
%RSD	.33241	.54367	2.9117	4.3552	.24540

#1	2488.3	27619.	1980.6	31.955	2715.3
#2	2501.2	27860.	2072.3	33.864	2727.2
#3	2485.7	27897.	2092.5	34.825	2715.9

Sample Name: CCB01 Acquired: 6/27/2019 11:57:14 Type: Unk
Method: P4-ICP2(v3237) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00091	.00051	.00140	-.00176	.00215	.00138	.00006
Stddev	.00221	.00017	.00122	.00046	.00148	.02462	.00095	.00001
%RSD	1055.6	18.239	238.49	33.115	84.047	1147.3	69.166	20.530
#1	.00253	.00100	.00146	.00189	-.00151	-.02184	.00159	.00007
#2	-.00003	.00101	-.00086	.00096	-.00335	.02735	.00221	.00006
#3	-.00188	.00072	.00093	.00135	-.00042	.00092	.00034	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.02750	.00024	-.00039	-.00050	.00085	-.00006	-.07028
Stddev	.00013	.02160	.00028	.00022	.00040	.00062	.00001	.02301
%RSD	122.55	78.548	113.45	56.120	79.913	72.977	23.934	32.733
#1	-.00005	-.03184	.00004	-.00030	-.00022	.00018	-.00006	-.05607
#2	-.00025	-.00406	.00013	-.00064	-.00032	.00140	-.00006	-.09683
#3	-.00001	-.04661	.00056	-.00023	-.00095	.00098	-.00004	-.05795
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	.00034	.02154	-.00025	-.00001	-.02557	-.00017	.01127
Stddev	.00024	.00044	.01037	.00003	.00016	.04021	.00009	.00300
%RSD	109.23	129.56	48.171	13.153	1319.7	157.24	51.348	26.645
#1	.00046	.00069	.01078	-.00025	.00017	-.03025	-.00013	.01458
#2	.00022	-.00015	.03148	-.00022	-.00008	-.06325	-.00011	.00871
#3	-.00002	.00048	.02235	-.00029	-.00013	.01677	-.00027	.01053
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00132	.00068	.00039	.00193	-.00214	-.0026	.00012	F 3.3765
Stddev	.00087	.00310	.00023	.00350	.00351	.0028	.00025	.0618
%RSD	66.253	452.33	59.685	181.61	164.47	107.1	213.75	1.8300
#1	.00226	.00282	.00029	.00035	.00114	-.0012	-.00012	3.3250
#2	.00113	-.00287	.00022	.00594	-.00584	-.0058	.00038	3.3594
#3	.00055	.00211	.00066	-.00051	-.00171	-.0008	.00009	3.4450

Sample Name: CCB01 Acquired: 6/27/2019 11:57:14 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9070
Stddev	1.6643
%RSD	57.251

#1	1.7104
#2	4.8075
#3	2.2029

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2478.7	27826.	2055.8	34.011	2724.2
Stddev	4.2	97.	10.2	.830	2.0
%RSD	.17111	.34774	.49747	2.4417	.07329

#1	2481.7	27725.	2044.6	33.127	2724.2
#2	2480.4	27918.	2058.2	34.775	2726.2
#3	2473.8	27834.	2064.6	34.132	2722.2

Sample Name: LR CHECK 1 Acquired: 6/27/2019 12:02:05 Type: Unk
Method: P4-ICP2(v3237) 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	-.09100	.04850	.13513	-.13492	.07242	1871.5	.01257	.03705
Stddev	.00817	.00235	.00547	.01077	.00749	11.2	.00043	.00098
%RSD	8.9744	4.8513	4.0498	7.9828	10.337	.60055	3.4341	2.6354

#1	-.09586	.05087	.14125	-.12430	.06446	1858.6	.01306	.03782
#2	-.08157	.04847	.13070	-.14584	.07347	1877.1	.01241	.03595
#3	-.09558	.04617	.13346	-.13464	.07932	1878.9	.01225	.03739

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07293	1698.2	-.08228	.07178	.09714	859.29	-.00151	1952.3
Stddev	.00231	4.4	.00105	.00110	.00090	8.54	.00016	8.2
%RSD	3.1682	.26078	1.2811	1.5257	.92387	.99396	10.597	.42015

#1	.07558	1695.0	-.08111	.07295	.09729	849.69	-.00133	1943.5
#2	.07192	1703.2	-.08315	.07160	.09795	862.13	-.00157	1953.4
#3	.07130	1696.3	-.08257	.07078	.09618	866.04	-.00163	1959.8

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05709	-.16118	1634.4	.01777	.08856	916.61	-.00579	-.21194
Stddev	.00172	.00161	21.2	.00032	.00389	7.59	.00085	.02240
%RSD	3.0076	1.0012	1.2962	1.7736	4.3913	.82788	14.729	10.568

#1	-.05665	-.16305	1611.3	.01780	.09267	908.00	-.00539	-.21920
#2	-.05899	-.16027	1652.9	.01807	.08808	922.31	-.00522	-.18681
#3	-.05564	-.16023	1638.9	.01744	.08493	919.54	-.00677	-.22981

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38567	-.00781	.10015	-.05008	.04971	.1933	-.92697	<.00000
Stddev	.02953	.00105	.00535	.00272	.00070	.0082	.00950	.14163
%RSD	7.6560	13.460	5.3406	5.4225	1.4038	4.259	1.0251	4.1023

#1	.35174	-.00721	.10291	-.04751	.04977	.2002	-.91626	-3.4538
#2	.39972	-.00720	.10355	-.05292	.04899	.1955	-.93026	-3.5933
#3	.40556	-.00903	.09398	-.04982	.05038	.1842	-.93439	-3.3100

Sample Name: LR CHECK 1 Acquired: 6/27/2019 12:02:05 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.74630
%RSD	.31387

#1	-238.24
#2	-238.17
#3	-236.91

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1883.4	21141.	1870.1	25.634	1402.2
Stddev	7.0	132.	9.2	1.240	7.9
%RSD	.37091	.62573	.49174	4.8353	.56499

#1	1880.2	21293.	1878.4	24.398	1396.3
#2	1878.5	21071.	1860.2	26.877	1399.2
#3	1891.4	21058.	1871.7	25.627	1411.2

Sample Name: LR CHECK 2 Acquired: 6/27/2019 12:06:54 Type: Unk
Method: P4-ICP2(v3237) 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	-.00552	-.01415	248.48	.03186	-.04165	2.2994	F .04277	-.00177
Stddev	.00249	.00293	2.06	.00163	.00096	.0189	.00048	.00006
%RSD	45.024	20.732	.83097	5.1018	2.3122	.82264	1.1241	3.4937
#1	-.00628	-.01514	246.52	.03172	-.04203	2.2856	.04222	-.00176
#2	-.00754	-.01647	248.28	.03355	-.04056	2.2915	.04311	-.00172
#3	-.00274	-.01085	250.64	.03031	-.04237	2.3209	.04297	-.00184
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00944	.24545	-.13209	.00985	234.95	-.77350	48.449	-.10819
Stddev	.00019	.01259	.00138	.00016	.92	.00584	.131	.06064
%RSD	2.0251	5.1301	1.0448	1.6095	.39080	.75524	.27043	56.043
#1	-.00937	.23438	-.13110	.00967	235.50	-.76984	48.471	-.15443
#2	-.00929	.25915	-.13151	.00998	233.89	-.77043	48.309	-.13062
#3	-.00965	.24282	-.13367	.00989	235.47	-.78024	48.568	-.03954
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.946	.00743	.84791	-.21400	38.033	1.0125	-.01297	.03149
Stddev	.221	.00059	.03729	.00078	.154	.0884	.00062	.00446
%RSD	.40210	7.8970	4.3977	.36353	.40505	8.7353	4.8116	14.161
#1	54.812	.00688	.88399	-.21401	38.020	1.1146	-.01226	.03087
#2	54.826	.00736	.85020	-.21322	37.886	.96261	-.01343	.02737
#3	55.201	.00805	.80952	-.21477	38.194	.96023	-.01323	.03622
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13174	.01267	.00277	.02317	-.00294	.2657	.00087	4.3671
Stddev	.00691	.00168	.00054	.00122	.00066	.0024	.00007	.0733
%RSD	5.2418	13.284	19.421	5.2803	22.545	.8869	7.8765	1.6777
#1	.12421	.01418	.00218	.02185	-.00370	.2645	.00080	4.3588
#2	.13777	.01298	.00288	.02339	-.00246	.2684	.00093	4.2984
#3	.13324	.01086	.00324	.02427	-.00266	.2641	.00089	4.4442

Sample Name: LR CHECK 2 Acquired: 6/27/2019 12:06:54 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.1944
Stddev	1.2737
%RSD	39.873

#1	2.4158
#2	2.5030
#3	4.6642

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2363.3	28460.	2070.5	32.232	2567.3
Stddev	11.4	62.	8.3	.969	12.4
%RSD	.48379	.21760	.39945	3.0055	.48174

#1	2356.5	28441.	2061.5	31.116	2565.3
#2	2376.5	28529.	2072.3	32.857	2580.6
#3	2357.0	28410.	2077.7	32.723	2556.1

Sample Name: K3528-08 Acquired: 6/27/2019 12:11:50 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16520	-.00421	1.7300	.01630	.00387	132.90	.73702
Stddev	.00115	.00338	.0058	.00284	.00128	.76	.00542
%RSD	.69828	80.155	.33637	17.405	33.039	.57156	.73524

#1	.16388	-.00227	1.7287	.01958	.00422	132.20	.73078
#2	.16574	-.00811	1.7364	.01474	.00245	133.71	.74058
#3	.16599	-.00226	1.7250	.01459	.00493	132.81	.73970

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01242	.00539	107.68	.41466	.20735	.61386	245.77
Stddev	.00013	.00026	2.21	.00171	.00037	.00183	.37
%RSD	1.0488	4.8723	2.0499	.41200	.17886	.29839	.14907

#1	.01246	.00561	105.14	.41334	.20752	.61316	245.78
#2	.01253	.00545	108.79	.41659	.20760	.61594	246.13
#3	.01228	.00510	109.11	.41406	.20692	.61248	245.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6934	101.35	1.1585	-.01856	11.810	.40845	2.5437
Stddev	.0454	.40	.0021	.00066	.079	.00127	.0064
%RSD	.79653	.39091	.18429	3.5305	.66865	.30971	.25189

#1	5.7097	100.94	1.1579	-.01810	11.719	.40977	2.5374
#2	5.7283	101.74	1.1609	-.01931	11.855	.40833	2.5502
#3	5.6421	101.37	1.1568	-.01826	11.856	.40725	2.5436

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.695	.00677	.16559	4.4571	2.2368	.08757	4.0381
Stddev	.010	.00007	.02660	.0216	.0519	.00045	.0799
%RSD	.05181	1.0576	16.062	.48339	2.3180	.51547	1.9796

#1	18.695	.00671	.19570	4.4478	2.1794	.08794	3.9459
#2	18.704	.00685	.14528	4.4817	2.2803	.08771	4.0820
#3	18.685	.00675	.15580	4.4418	2.2508	.08707	4.0865

Sample Name: K3528-08 Acquired: 6/27/2019 12:11:50 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-09-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26114	8.256	.04533	<.00000	F<.00000
Stddev	.00474	.009	.00611	.11380	.20916
%RSD	1.8137	.1069	13.481	9.5982	.51829

#1	.25608	8.259	.03830	-1.2330	-40.290
#2	.26546	8.263	.04831	-1.0558	-40.187
#3	.26187	8.246	.04939	-1.2681	-40.590

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2966.3	33331.	2611.7	32.606	2296.9
Stddev	4.0	102.	38.3	1.444	2.2
%RSD	.13561	.30665	1.4675	4.4295	.09517

#1	2970.9	33327.	2656.0	33.980	2298.4
#2	2963.8	33230.	2588.6	32.737	2294.4
#3	2964.1	33435.	2590.6	31.100	2298.0

Sample Name: K3528-08DUP Acquired: 6/27/2019 12:16:23 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09-COMPDU Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16358	-.00463	1.7381	.01074	.00663	133.85	.74400
Stddev	.00091	.00293	.0025	.00193	.00178	.69	.00526
%RSD	.55527	63.157	.14561	17.971	26.867	.51241	.70692

#1	.16261	-.00791	1.7353	.01282	.00851	134.13	.74906
#2	.16374	-.00229	1.7388	.01042	.00497	134.34	.74438
#3	.16440	-.00370	1.7402	.00900	.00640	133.06	.73857

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01237	.00566	109.14	.41277	.20707	.61376	246.66
Stddev	.00014	.00019	.48	.00291	.00018	.00174	1.62
%RSD	1.1431	3.4001	.44316	.70389	.08819	.28422	.65576

#1	.01244	.00566	108.63	.41492	.20721	.61502	246.98
#2	.01245	.00548	109.59	.41393	.20715	.61448	248.10
#3	.01220	.00586	109.19	.40946	.20686	.61177	244.91

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7332	102.22	1.1545	-.01902	11.737	.40705	2.6021
Stddev	.0289	.41	.0022	.00050	.062	.00313	.0044
%RSD	.50382	.39839	.18706	2.6430	.53017	.76973	.17004

#1	5.7321	102.49	1.1568	-.01950	11.798	.40893	2.6062
#2	5.7626	102.43	1.1525	-.01906	11.740	.40879	2.5974
#3	5.7049	101.75	1.1542	-.01850	11.673	.40343	2.6027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.758	.00682	.19141	4.4560	2.2184	.08954	4.0713
Stddev	.088	.00025	.01286	.0034	.0660	.00090	.0191
%RSD	.46824	3.7106	6.7170	.07650	2.9731	1.0093	.46832

#1	18.752	.00685	.20542	4.4596	2.2692	.08880	4.0497
#2	18.848	.00706	.18868	4.4556	2.2421	.09055	4.0861
#3	18.673	.00656	.18014	4.4529	2.1438	.08927	4.0780

Sample Name: K3528-08DUP Acquired: 6/27/2019 12:16:23 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09-COMPDU Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26323	8.296	.04815	<.00000	F<.00000
Stddev	.00062	.021	.00235	.21639	1.1665
%RSD	.23508	.2541	4.8807	21.454	2.8558
#1	.26356	8.320	.04699	-.90425	-41.416
#2	.26252	8.279	.04662	-1.2574	-41.616
#3	.26361	8.290	.05086	-.86418	-39.503
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2962.2	33259.	2600.2	32.262	2291.8
Stddev	7.8	197.	18.8	1.098	5.2
%RSD	.26422	.59355	.72272	3.4035	.22600
#1	2954.2	33246.	2616.1	31.427	2285.8
#2	2962.5	33068.	2579.4	33.506	2294.8
#3	2969.8	33462.	2605.0	31.853	2294.8

Sample Name: K3528-08LX5 Acquired: 6/27/2019 12:20:54 Type: Unk
Method: P4-ICP2(v3237) 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	.04090	.00038	.34138	.00591	-.00322	30.425	.17193
Stddev	.00274	.00085	.00091	.00359	.00077	.244	.00074
%RSD	6.6884	226.44	.26569	60.813	23.898	.80185	.43142

#1	.04404	-.00036	.34130	.00900	-.00283	30.143	.17162
#2	.03959	.00018	.34051	.00197	-.00410	30.559	.17140
#3	.03906	.00131	.34232	.00675	-.00272	30.573	.17278

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00243	-.00148	26.228	.09889	.03973	.15172	66.207
Stddev	.00011	.00009	.022	.00093	.00009	.00078	.479
%RSD	4.3828	6.3013	.08525	.94195	.22183	.51465	.72321

#1	.00246	-.00137	26.233	.09926	.03983	.15229	65.757
#2	.00232	-.00154	26.246	.09783	.03967	.15204	66.711
#3	.00252	-.00153	26.203	.09957	.03968	.15083	66.153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3978	23.549	.22303	-.00383	2.8017	.09616	.50319
Stddev	.0028	.260	.00015	.00136	.0200	.00090	.00148
%RSD	.19900	1.1056	.06924	35.617	.71552	.93361	.29430

#1	1.3948	23.253	.22319	-.00528	2.7791	.09719	.50293
#2	1.4003	23.651	.22301	-.00258	2.8090	.09562	.50185
#3	1.3984	23.743	.22289	-.00364	2.8171	.09566	.50478

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3023	.00128	.05540	.82021	.60661	.01897	.95661
Stddev	.0297	.00016	.00775	.00333	.03053	.00123	.00117
%RSD	.68948	12.699	13.997	.40648	5.0327	6.5028	.12267

#1	4.3141	.00111	.04879	.82403	.63407	.01899	.95797
#2	4.2686	.00143	.05348	.81873	.61201	.01773	.95587
#3	4.3243	.00132	.06394	.81788	.57374	.02020	.95600

Sample Name: K3528-08LX5 Acquired: 6/27/2019 12:20:54 Type: Unk
Method: P4-ICP2(v3237) 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	.05802	1.563	.00248	2.5132	F<.00000
Stddev	.00156	.004	.00055	.2578	.96630
%RSD	2.6924	.2763	22.110	10.259	30.371

#1	.05889	1.561	.00257	2.2437	-3.1476
#2	.05622	1.567	.00189	2.7574	-4.1645
#3	.05897	1.559	.00298	2.5385	-2.2328

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2605.9	29312.	2212.3	34.310	2560.0
Stddev	8.6	80.	19.7	1.484	7.9
%RSD	.32938	.27451	.89211	4.3257	.30670

#1	2596.0	29346.	2199.4	34.932	2551.5
#2	2610.7	29221.	2202.6	32.616	2566.9
#3	2611.0	29371.	2235.1	35.382	2561.7

Sample Name: K3528-08MS Acquired: 6/27/2019 12:25:17 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09-COMPMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76461	1.9987	2.7294	1.5571	.10255	140.65	.89813
Stddev	.00090	.0092	.0053	.0051	.00060	.57	.00319
%RSD	.11812	.46046	.19421	.32980	.58381	.40345	.35500

#1	.76414	1.9903	2.7314	1.5547	.10188	141.24	.89928
#2	.76405	2.0085	2.7234	1.5631	.10271	140.11	.89452
#3	.76565	1.9972	2.7334	1.5537	.10305	140.62	.90058

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17845	.20606	149.06	.71544	.37570	.78932	228.70
Stddev	.00088	.00051	.63	.00147	.00103	.00067	.72
%RSD	.49483	.24575	.42330	.20561	.27524	.08541	.31590

#1	.17944	.20597	148.33	.71676	.37653	.78858	229.38
#2	.17774	.20560	149.44	.71569	.37454	.78989	227.94
#3	.17818	.20660	149.41	.71385	.37603	.78948	228.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9818	121.40	1.5203	.04220	13.942	.63437	2.4537
Stddev	.0079	.54	.0016	.00076	.055	.00088	.0031
%RSD	.15808	.44518	.10544	1.7963	.39124	.13807	.12432

#1	4.9909	121.54	1.5187	.04274	13.941	.63461	2.4502
#2	4.9770	120.80	1.5203	.04133	13.888	.63510	2.4549
#3	4.9776	121.85	1.5219	.04252	13.997	.63340	2.4559

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.380	.30811	.41374	F 15.011	2.7831	.73005	3.9276
Stddev	.074	.00070	.04536	.061	.0114	.00180	.0177
%RSD	.30181	.22783	10.964	.40341	.40843	.24588	.45180

#1	24.392	.30867	.36402	14.941	2.7933	.73103	3.9071
#2	24.302	.30732	.42434	15.043	2.7708	.72798	3.9364
#3	24.448	.30835	.45287	15.049	2.7853	.73114	3.9392

Sample Name: K3528-08MS Acquired: 6/27/2019 12:25:17 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-09-COMPMS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.44829	F 16.09	.38691	.00841	F<.00000
Stddev	.00351	.01	.00218	.03802	1.4508
%RSD	.78248	.0835	.56292	451.91	3.7279
#1	.44580	16.08	.38470	.04857	-38.198
#2	.45230	16.09	.38905	-.02702	-40.589
#3	.44678	16.11	.38698	.00368	-37.970
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2922.7	32919.	2560.1	32.707	2257.5
Stddev	3.1	82.	9.1	.870	5.6
%RSD	.10718	.25035	.35571	2.6591	.24682
#1	2925.1	32827.	2566.8	33.365	2261.2
#2	2923.9	32985.	2549.7	33.035	2260.3
#3	2919.1	32947.	2563.7	31.721	2251.1

Sample Name: K3528-08MSD Acquired: 6/27/2019 12:29:35 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09-COMPMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76174	1.9996	2.7381	1.5591	.10610	139.82	.89518
Stddev	.00194	.0036	.0022	.0041	.00053	.57	.00231
%RSD	.25470	.17779	.08162	.26509	.50154	.40772	.25834

#1	.76079	2.0037	2.7397	1.5632	.10594	139.30	.89735
#2	.76046	1.9973	2.7355	1.5590	.10670	140.43	.89275
#3	.76397	1.9977	2.7390	1.5549	.10567	139.72	.89544

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17848	.20653	158.94	.71567	.37724	.78396	228.71
Stddev	.00028	.00063	.84	.00185	.00061	.00285	1.14
%RSD	.15862	.30303	.52666	.25838	.16098	.36372	.50050

#1	.17853	.20695	159.90	.71537	.37753	.78585	229.34
#2	.17872	.20581	158.34	.71766	.37655	.78068	229.41
#3	.17817	.20683	158.58	.71399	.37765	.78534	227.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0297	127.31	1.5389	.04303	13.435	.63424	2.4212
Stddev	.0099	.56	.0017	.00049	.067	.00137	.0015
%RSD	.19750	.44117	.11251	1.1273	.49657	.21569	.06267

#1	5.0255	127.67	1.5390	.04352	13.509	.63437	2.4215
#2	5.0410	127.59	1.5372	.04303	13.416	.63553	2.4225
#3	5.0225	126.66	1.5406	.04255	13.379	.63281	2.4195

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.278	.31146	.39423	F 15.163	2.9999	.73632	3.9753
Stddev	.166	.00067	.01517	.026	.0230	.00304	.0092
%RSD	.68320	.21396	3.8470	.16881	.76772	.41253	.23165

#1	24.454	.31116	.38811	15.165	3.0029	.73929	3.9656
#2	24.256	.31222	.38309	15.137	3.0213	.73322	3.9761
#3	24.124	.31099	.41150	15.188	2.9755	.73647	3.9840

Sample Name: K3528-08MSD Acquired: 6/27/2019 12:29:35 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09-COMPMS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.44678	F 16.35	.38970	.00613	F<.00000
Stddev	.00419	.02	.00125	.17400	2.1446
%RSD	.93823	.1380	.32203	2838.8	5.5747

#1	.44335	16.37	.39020	-.16556	-35.995
#2	.45145	16.33	.38827	.00159	-39.663
#3	.44552	16.36	.39062	.18236	-39.754

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2923.9	33002.	2547.1	32.007	2256.3
Stddev	9.0	95.	5.9	.637	3.3
%RSD	.30714	.28800	.23180	1.9914	.14534

#1	2924.3	32950.	2540.8	31.649	2253.7
#2	2914.7	32944.	2548.0	32.743	2255.2
#3	2932.6	33112.	2552.5	31.628	2260.0

Sample Name: K3528-08A Acquired: 6/27/2019 12:33:52 Type: Unk
Method: P4-ICP2(v3237) 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	.76112	2.0097	2.7318	1.5700	.10529	139.90	.90005
Stddev	.00416	.0056	.0069	.0082	.00264	.91	.00445
%RSD	.54645	.27803	.25256	.52374	2.5076	.65150	.49415

#1	.75633	2.0156	2.7291	1.5795	.10724	139.10	.89660
#2	.76379	2.0088	2.7396	1.5652	.10635	139.71	.89848
#3	.76324	2.0046	2.7266	1.5654	.10229	140.90	.90507

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17793	.20645	158.92	.71269	.37639	.78450	228.96
Stddev	.00036	.00041	.45	.00141	.00082	.00054	.36
%RSD	.20483	.19782	.28297	.19778	.21776	.06906	.15609

#1	.17828	.20608	158.73	.71107	.37571	.78495	229.24
#2	.17797	.20688	159.43	.71332	.37730	.78390	228.56
#3	.17755	.20638	158.59	.71366	.37616	.78466	229.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0291	127.53	1.5389	.04213	13.445	.63476	2.4213
Stddev	.0059	.76	.0015	.00021	.057	.00239	.0055
%RSD	.11741	.59244	.10058	.48757	.42045	.37589	.22881

#1	5.0225	126.97	1.5375	.04217	13.380	.63206	2.4169
#2	5.0339	127.23	1.5405	.04231	13.474	.63661	2.4275
#3	5.0308	128.39	1.5386	.04191	13.481	.63560	2.4196

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.483	.31112	.40693	F 15.436	2.7619	.73647	3.9875
Stddev	.124	.00184	.00403	.032	.0184	.00209	.0215
%RSD	.50767	.59151	.99092	.20433	.66444	.28384	.53827

#1	24.371	.31277	.40237	15.405	2.7658	.73428	4.0121
#2	24.460	.31146	.40835	15.468	2.7779	.73844	3.9733
#3	24.617	.30914	.41005	15.435	2.7419	.73670	3.9769

Sample Name: K3528-08A Acquired: 6/27/2019 12:33:52 Type: Unk
 Method: P4-ICP2(v3237) 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	.44821	F 16.43	.39094	.05147	F<.00000
Stddev	.00225	.04	.00342	.09203	.99484
%RSD	.50120	.2272	.87576	178.80	2.6159
#1	.45071	16.40	.38794	-.03502	-38.327
#2	.44636	16.47	.39467	.04125	-38.843
#3	.44756	16.42	.39020	.14818	-36.921
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2935.4	33015.	2552.4	31.922	2262.9
Stddev	3.4	34.	17.1	.283	4.2
%RSD	.11472	.10418	.67164	.88811	.18483
#1	2932.6	32977.	2540.1	32.170	2265.2
#2	2934.6	33043.	2545.3	31.982	2258.1
#3	2939.1	33027.	2572.0	31.613	2265.5

Sample Name: K3532-05 Acquired: 6/27/2019 12:38:10 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TRIANGLE-ARE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11570	.00320	7.7389	.02040	.01436	95.522	2.9849
Stddev	.00035	.00241	.0278	.00052	.00188	.077	.0036
%RSD	.30137	75.337	.35978	2.5445	13.079	.08010	.12157

#1	.11569	.00042	7.7565	.02097	.01605	95.434	2.9814
#2	.11605	.00455	7.7068	.01996	.01469	95.574	2.9845
#3	.11535	.00463	7.7534	.02027	.01234	95.557	2.9887

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01086	.01733	166.11	.27595	.12128	1.9675	229.40
Stddev	.00019	.00013	.01	.00024	.00011	.0049	.45
%RSD	1.7502	.75200	.00862	.08522	.09049	.24755	.19774

#1	.01064	.01744	166.10	.27614	.12116	1.9725	228.96
#2	.01100	.01719	166.11	.27569	.12136	1.9628	229.38
#3	.01094	.01737	166.13	.27603	.12132	1.9671	229.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3547	61.607	.53162	-.01065	2.1295	.37875	8.2958
Stddev	.0026	.363	.00216	.00051	.0169	.00175	.0255
%RSD	.07712	.58899	.40572	4.8065	.79127	.46225	.30776

#1	3.3546	61.981	.53122	-.01090	2.1461	.37940	8.3094
#2	3.3521	61.582	.52970	-.01007	2.1299	.37677	8.2664
#3	3.3573	61.257	.53395	-.01100	2.1125	.38008	8.3117

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6376	.02003	.25053	7.0257	2.2705	.39443	2.5248
Stddev	.0724	.00033	.02520	.0148	.0010	.00080	.0123
%RSD	.75133	1.6328	10.058	.21115	.04392	.20165	.48688

#1	9.5780	.02040	.25086	7.0387	2.2712	.39491	2.5126
#2	9.6165	.01988	.22517	7.0289	2.2693	.39352	2.5372
#3	9.7182	.01980	.27556	7.0095	2.2708	.39488	2.5246

Sample Name: K3532-05 Acquired: 6/27/2019 12:38:10 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TRIANGLE-ARE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14324	8.538	.64607	.89758	F<.00000
Stddev	.00139	.012	.00211	.13831	.95782
%RSD	.97068	.1441	.32733	15.409	3.1594
#1	.14171	8.550	.64777	.73983	-30.334
#2	.14356	8.526	.64673	.95490	-29.350
#3	.14444	8.538	.64370	.99802	-31.266
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2751.0	31142.	2415.5	33.969	2351.3
Stddev	2.8	46.	5.4	1.844	5.9
%RSD	.10062	.14626	.22164	5.4291	.24947
#1	2748.2	31111.	2409.4	33.792	2348.5
#2	2753.8	31194.	2419.1	35.896	2358.0
#3	2751.0	31120.	2418.1	32.220	2347.3

Sample Name: K3532-07 Acquired: 6/27/2019 12:42:25 Type: Unk
Method: P4-ICP2(v3237) 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	.17292	.00047	27.905	.01448	.22815	130.10	5.0692
Stddev	.00188	.00149	.065	.00334	.00092	.60	.0180
%RSD	1.0863	317.68	.23238	23.059	.40325	.45744	.35520

#1	.17363	-.00026	27.850	.01288	.22866	129.44	5.0488
#2	.17434	.00218	27.889	.01832	.22709	130.25	5.0756
#3	.17079	-.00052	27.977	.01225	.22871	130.60	5.0831

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01305	.02675	303.76	.26493	.15239	1.0925	243.28
Stddev	.00030	.00013	.83	.00077	.00046	.0024	.65
%RSD	2.2947	.48076	.27410	.29117	.30279	.22231	.26601

#1	.01336	.02671	304.66	.26404	.15214	1.0932	243.00
#2	.01277	.02665	303.01	.26544	.15293	1.0898	244.02
#3	.01302	.02690	303.62	.26530	.15212	1.0945	242.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0414	169.18	.67936	-.01624	21.550	.48347	28.157
Stddev	.0032	.89	.00150	.00121	.059	.00217	.060
%RSD	.07969	.52696	.22066	7.4656	.27253	.44878	.21395

#1	4.0391	168.24	.67821	-.01726	21.485	.48295	28.096
#2	4.0400	169.30	.67881	-.01490	21.567	.48161	28.160
#3	4.0451	170.01	.68105	-.01656	21.599	.48585	28.216

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.336	.01073	7.4763	7.6684	2.3902	.86171	3.2962
Stddev	.014	.00021	.0763	.0311	.0276	.00505	.0142
%RSD	.05550	1.9204	1.0208	.40539	1.1558	.58645	.43214

#1	24.321	.01088	7.3882	7.6348	2.4193	.85590	3.3121
#2	24.338	.01083	7.5238	7.6743	2.3644	.86415	3.2848
#3	24.348	.01050	7.5167	7.6961	2.3867	.86508	3.2915

Sample Name: K3532-07 Acquired: 6/27/2019 12:42:25 Type: Unk
 Method: P4-ICP2(v3237) 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	.23677	9.318	.66979	.72707	F<.00000
Stddev	.00130	.005	.00304	.03510	.50461
%RSD	.54784	.0549	.45338	4.8281	1.4309
#1	.23825	9.320	.67311	.71151	-35.242
#2	.23584	9.312	.66715	.76726	-35.781
#3	.23622	9.321	.66912	.70244	-34.772
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2727.4	31178.	2465.6	32.326	2182.1
Stddev	1.0	18.	15.9	.672	3.4
%RSD	.03545	.05873	.64332	2.0785	.15578
#1	2726.7	31166.	2447.3	31.655	2185.9
#2	2727.0	31199.	2475.3	32.998	2179.4
#3	2728.5	31169.	2474.2	32.324	2180.9

Sample Name: CCV02 Acquired: 6/27/2019 12:46:48 Type: Unk
Method: P4-ICP2(v3237) 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	4.9595	5.0643	4.9369	4.9959	4.9544	9.4423	9.9192	.25191
Stddev	.0106	.0213	.0066	.0123	.0120	.0354	.0283	.00006
%RSD	.21425	.42083	.13388	.24512	.24268	.37503	.28488	.02191
#1	4.9500	5.0886	4.9360	4.9985	4.9422	9.4616	9.9498	.25196
#2	4.9575	5.0485	4.9440	4.9825	4.9549	9.4014	9.9135	.25193
#3	4.9709	5.0559	4.9309	5.0066	4.9662	9.4638	9.8942	.25185
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4786	24.878	.98602	2.4796	1.2406	4.9920	2.5222	24.507
Stddev	.0057	.100	.00213	.0043	.0024	.0115	.0046	.160
%RSD	.22961	.40041	.21581	.17478	.19469	.23097	.18074	.65112
#1	2.4846	24.822	.98844	2.4839	1.2381	4.9975	2.5257	24.691
#2	2.4780	24.993	.98519	2.4798	1.2408	4.9997	2.5239	24.406
#3	2.4733	24.820	.98443	2.4752	1.2429	4.9787	2.5171	24.424
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4811	1.2357	24.599	2.4810	2.4658	24.905	5.0179	5.0001
Stddev	.0057	.0017	.061	.0008	.0044	.094	.0080	.0216
%RSD	.22955	.13537	.24667	.03277	.17974	.37561	.15878	.43210
#1	2.4875	1.2356	24.652	2.4814	2.4701	24.953	5.0142	5.0228
#2	2.4792	1.2375	24.612	2.4815	2.4659	24.964	5.0126	4.9977
#3	2.4766	1.2342	24.533	2.4800	2.4612	24.797	5.0271	4.9798
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9688	4.9013	4.9536	4.9416	4.7818	5.087	5.2742	F 3.8350
Stddev	.0136	.0197	.0108	.0178	.0365	.011	.0258	.1279
%RSD	.27315	.40211	.21739	.36082	.76344	.2062	.48975	3.3344
#1	4.9844	4.8792	4.9643	4.9300	4.7402	5.090	5.2444	3.7001
#2	4.9602	4.9077	4.9427	4.9621	4.7962	5.076	5.2885	3.8504
#3	4.9618	4.9170	4.9537	4.9326	4.8088	5.096	5.2897	3.9544

Sample Name: CCV02 Acquired: 6/27/2019 12:46:48 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.8864
Stddev .4387
%RSD 23.258

#1 2.2328
#2 1.3931
#3 2.0332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2448.7	27664.	2097.4	33.066	2467.1
Stddev	2.7	133.	8.6	.671	2.9
%RSD	.11201	.47945	.41197	2.0292	.11671

#1	2451.3	27544.	2104.3	32.301	2465.4
#2	2449.0	27642.	2087.7	33.340	2465.5
#3	2445.9	27806.	2100.2	33.556	2470.5

Sample Name: CCB02 Acquired: 6/27/2019 13:02:56 Type: Unk
Method: P4-ICP2(v3237) 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	.00081	-.00014	.00018	-.00276	-.00188	-.00323	.00251	.00002
Stddev	.00259	.00105	.00084	.00138	.00223	.01646	.00088	.00003
%RSD	317.76	748.01	457.23	50.110	118.23	509.25	35.137	192.35
#1	.00328	-.00130	.00089	-.00333	-.00395	.01464	.00319	.00006
#2	.00105	.00073	.00040	-.00378	.00047	-.01777	.00151	.00000
#3	-.00188	.00015	-.00074	-.00119	-.00217	-.00658	.00283	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.03892	-.00014	-.00028	-.00039	.01710	.00026	-.02346
Stddev	.00001	.01390	.00034	.00010	.00053	.00518	.00014	.09290
%RSD	152.35	35.717	235.60	36.461	134.18	30.325	52.277	395.94
#1	-.00001	.05056	.00019	-.00040	-.00000	.02245	.00041	-.01072
#2	.00000	.04267	-.00049	-.00023	-.00099	.01674	.00020	.06241
#3	-.00002	.02353	-.00014	-.00021	-.00018	.01210	.00017	-.12207
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00010	.06305	-.00074	.00019	.01908	-.00048	-.00107
Stddev	.00017	.00019	.00632	.00014	.00009	.03363	.00020	.02546
%RSD	4288.8	184.12	10.022	18.695	47.174	176.25	41.817	2387.8
#1	-.00016	.00007	.06866	-.00064	.00018	.05180	-.00070	-.01618
#2	.00018	-.00007	.06427	-.00069	.00011	.02083	-.00042	-.01535
#3	-.00000	-.00030	.05621	-.00090	.00029	-.01539	-.00032	.02833
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00626	-.00034	.00027	.00288	-.00281	-.0034	-.00023	F 3.3784
Stddev	.00277	.00132	.00067	.00160	.00125	.0014	.00020	.1996
%RSD	44.235	393.78	246.75	55.750	44.403	41.55	87.335	5.9082
#1	.00886	.00114	-.00026	.00471	-.00169	-.0045	-.00026	3.6042
#2	.00335	-.00074	.00102	.00170	-.00416	-.0018	-.00002	3.3059
#3	.00657	-.00141	.00005	.00222	-.00259	-.0038	-.00042	3.2252

Sample Name: CCB02 Acquired: 6/27/2019 13:02:56 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1431
Stddev	.9199
%RSD	80.469

#1	1.4151
#2	1.8964
#3	.11795

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2507.7	28184.	2086.7	34.060	2749.3
Stddev	8.5	45.	4.8	.800	7.5
%RSD	.34036	.15916	.23041	2.3481	.27183

#1	2497.8	28156.	2081.3	34.641	2740.7
#2	2512.7	28161.	2088.3	34.391	2754.1
#3	2512.5	28236.	2090.5	33.148	2753.2

Sample Name: K3532-09 Acquired: 6/27/2019 13:07:24 Type: Unk
Method: P4-ICP2(v3237) 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	.53607	.00226	7.4213	.02049	.01323	91.438	3.3719
Stddev	.00255	.00130	.0141	.00115	.00226	.362	.0156
%RSD	.47609	57.703	.18979	5.5945	17.117	.39601	.46195

#1	.53501	.00364	7.4366	.02167	.01255	91.027	3.3549
#2	.53421	.00207	7.4186	.02040	.01138	91.576	3.3853
#3	.53898	.00105	7.4088	.01939	.01575	91.711	3.3756

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01137	.02567	235.09	.34967	.11796	2.1333	258.63
Stddev	.00012	.00008	1.48	.00051	.00054	.0066	.79
%RSD	1.0345	.30397	.62801	.14451	.45670	.30992	.30602

#1	.01143	.02565	234.18	.34910	.11831	2.1409	259.54
#2	.01123	.02576	236.80	.34981	.11823	2.1305	258.07
#3	.01144	.02561	234.30	.35008	.11734	2.1286	258.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2400	85.367	.50021	.02854	2.9951	.43970	7.3568
Stddev	.0023	.335	.00116	.00075	.0205	.00245	.0204
%RSD	.05525	.39262	.23290	2.6119	.68613	.55645	.27762

#1	4.2373	85.191	.49891	.02933	2.9731	.43777	7.3792
#2	4.2414	85.754	.50055	.02843	3.0138	.43887	7.3519
#3	4.2413	85.157	.50116	.02785	2.9983	.44245	7.3393

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.058	.02305	.23568	F 21.605	1.7863	.30877	2.8910
Stddev	.031	.00027	.01269	.034	.0070	.00131	.0226
%RSD	.30524	1.1884	5.3829	.15515	.39177	.42305	.78167

#1	10.073	.02296	.22106	21.643	1.7944	.30924	2.8677
#2	10.078	.02283	.24378	21.592	1.7827	.30729	2.9128
#3	10.023	.02335	.24221	21.580	1.7819	.30977	2.8926

Sample Name: K3532-09 Acquired: 6/27/2019 13:07:24 Type: Unk
Method: P4-ICP2(v3237) 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	.12948	F 10.64	.62015	.74614	F<.00000
Stddev	.00140	.02	.00366	.07709	.96788
%RSD	1.0801	.2149	.59023	10.331	2.6833
#1	.12792	10.66	.61700	.83234	-35.154
#2	.13063	10.63	.62417	.72227	-35.975
#3	.12988	10.62	.61929	.68381	-37.082
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2682.1	30599.	2381.8	33.398	2275.1
Stddev	7.3	65.	13.8	1.046	5.7
%RSD	.27392	.21266	.57929	3.1304	.24990
#1	2673.8	30559.	2376.4	33.088	2268.8
#2	2684.9	30563.	2371.5	32.543	2276.6
#3	2687.7	30674.	2397.4	34.563	2279.9

Sample Name: PB120929BL Acquired: 6/27/2019 13:11:39 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120929BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	-.00153	.00108	-.00206	-.00113	-.01432	.00168	.00004
Stddev	.00118	.00133	.00066	.00290	.00207	.01263	.00041	.00012
%RSD	208.91	86.946	60.934	140.68	182.29	88.262	24.601	315.95
#1	-.00110	-.00067	.00035	-.00537	.00017	-.01482	.00120	-.00009
#2	.00079	-.00306	.00127	-.00081	-.00352	-.02669	.00190	.00013
#3	-.00138	-.00086	.00163	.00000	-.00005	-.00144	.00193	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01719	.00015	.00002	.00013	.00381	.00010	-.07106
Stddev	.00009	.00861	.00031	.00025	.00030	.00079	.00009	.01012
%RSD	1230.6	50.097	200.59	1537.1	230.44	20.760	84.738	14.237
#1	-.00008	.02463	.00050	.00030	.00028	.00369	.00007	-.07493
#2	.00010	.00775	-.00000	-.00012	-.00022	.00465	.00003	-.05958
#3	-.00004	.01919	-.00004	-.00013	.00033	.00309	.00020	-.07868
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	-.00017	.04322	-.00051	.00029	-.00456	-.00065	.01618
Stddev	.00059	.00079	.00589	.00013	.00009	.05370	.00029	.02035
%RSD	159.27	466.53	13.627	26.525	31.289	1178.4	44.707	125.74
#1	.00105	-.00105	.03943	-.00043	.00037	.04985	-.00032	-.00730
#2	.00007	.00010	.05000	-.00066	.00031	-.00601	-.00086	.02862
#3	-.00001	.00045	.04022	-.00043	.00019	-.05751	-.00077	.02723
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00486	-.00015	.00024	-.00099	-.00246	-.0020	.00013	F 3.4043
Stddev	.00372	.00366	.00023	.00101	.00243	.0007	.00006	.1249
%RSD	76.484	2521.7	92.328	102.20	98.470	33.35	44.507	3.6701
#1	.00442	.00019	.00028	-.00158	.00031	-.0026	.00011	3.2631
#2	.00877	-.00396	.00045	.00018	-.00421	-.0022	.00019	3.5005
#3	.00138	.00334	.00000	-.00157	-.00349	-.0013	.00008	3.4492

Sample Name: PB120929BL Acquired: 6/27/2019 13:11:39 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120929BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1657
Stddev	1.4585
%RSD	125.12

#1	2.7932
#2	-.02291
#3	.72677

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2503.1	28080.	2080.4	33.183	2747.3
Stddev	1.7	136.	15.2	1.371	6.5
%RSD	.06761	.48503	.73171	4.1323	.23562

#1	2505.0	28013.	2063.9	31.639	2754.5
#2	2502.1	27989.	2083.5	33.655	2745.5
#3	2502.0	28236.	2093.8	34.257	2742.0

Sample Name: PB120929BS Acquired: 6/27/2019 13:16:07 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120929BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73952	1.9707	.95575	1.8789	.77520	1.8483	.20242
Stddev	.00229	.0027	.00179	.0023	.00277	.0373	.00282
%RSD	.30938	.13510	.18681	.12476	.35767	2.0157	1.3914

#1	.74091	1.9677	.95410	1.8811	.77699	1.8482	.20198
#2	.73688	1.9716	.95550	1.8790	.77200	1.8855	.20543
#3	.74078	1.9728	.95765	1.8765	.77660	1.8110	.19984

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19171	.18646	1.0796	.40521	.19490	.31742	3.0889
Stddev	.00410	.00032	.0103	.01027	.00079	.00045	.0717
%RSD	2.1374	.16903	.95698	2.5351	.40762	.14141	2.3221

#1	.19441	.18636	1.0677	.40938	.19420	.31783	3.1293
#2	.19372	.18681	1.0846	.41275	.19577	.31694	3.1312
#3	.18699	.18621	1.0865	.39351	.19473	.31751	3.0060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20877	1.8805	.48921	.06995	2.9805	.30703	.19477
Stddev	.00529	.0564	.00093	.00129	.0446	.00524	.00031
%RSD	2.5329	3.0009	.19102	1.8503	1.4977	1.7073	.15792

#1	.21134	1.9409	.48832	.07056	2.9704	.31004	.19453
#2	.21229	1.8291	.49019	.07083	3.0293	.31007	.19466
#3	.20269	1.8716	.48913	.06846	2.9417	.30098	.19512

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7748	.40954	.31959	9.0855	.83539	.66421	.20484
Stddev	.1461	.00148	.01196	.0033	.00394	.00181	.00466
%RSD	1.4944	.36213	3.7437	.03657	.47186	.27228	2.2768

#1	9.7374	.41121	.32941	9.0862	.83396	.66341	.19948
#2	9.9360	.40838	.30626	9.0819	.83236	.66294	.20795
#3	9.6511	.40902	.32310	9.0884	.83985	.66628	.20709

Sample Name: PB120929BS Acquired: 6/27/2019 13:16:07 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120929BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20030	5.513	F .25341	F 3.6615	F<.00000
Stddev	.00434	.010	.00065	.4228	.76580
%RSD	2.1660	.1807	.25837	11.547	70.678

#1	.19572	5.502	.25285	3.9330	-.66808
#2	.20435	5.521	.25324	3.8771	-1.9672
#3	.20083	5.517	.25413	3.1744	-.61519

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2504.9	28697.	2089.0	35.130	2722.3
Stddev	9.7	620.	14.9	.833	7.4
%RSD	.38914	2.1614	.71455	2.3714	.27253

#1	2494.1	28382.	2072.6	34.198	2716.0
#2	2507.5	28296.	2092.7	35.802	2720.3
#3	2513.1	29411.	2101.7	35.389	2730.5

Sample Name: K3528-08DLX10 Acquired: 6/27/2019 13:20:13 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02110	.00098	.17347	.00304	-.00220	16.085	.09164	.00136
Stddev	.00070	.00202	.00169	.00287	.00143	.078	.00045	.00004
%RSD	3.3211	206.07	.97640	94.307	65.292	.48308	.49555	2.6965

#1	.02039	-.00031	.17245	.00075	-.00367	16.087	.09165	.00137
#2	.02180	-.00006	.17543	.00626	-.00211	16.162	.09119	.00132
#3	.02111	.00331	.17254	.00212	-.00081	16.006	.09210	.00140

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	14.053	.05284	.02044	.08089	36.135	.74187	12.398
Stddev	.00006	.029	.00055	.00026	.00036	.017	.00156	.143
%RSD	6.6638	.20973	1.0386	1.2635	.44400	.04821	.21066	1.1524

#1	-.00090	14.022	.05221	.02019	.08089	36.117	.74273	12.310
#2	-.00098	14.055	.05320	.02042	.08125	36.151	.74282	12.563
#3	-.00102	14.081	.05312	.02070	.08053	36.138	.74007	12.321

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11659	-.00232	1.4146	.05093	.24671	2.1684	.00055	.06415
Stddev	.00007	.00013	.0069	.00073	.00075	.0207	.00019	.01731
%RSD	.06194	5.7470	.49018	1.4357	.30331	.95630	35.650	26.989

#1	.11667	-.00238	1.4113	.05013	.24628	2.1445	.00071	.06495
#2	.11653	-.00240	1.4098	.05155	.24758	2.1815	.00060	.04645
#3	.11656	-.00216	1.4225	.05112	.24628	2.1792	.00033	.08105

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42933	.27996	.00909	.51525	.03031	.8018	.00051	3.1220
Stddev	.00201	.00316	.00036	.00523	.00253	.0025	.00010	.1268
%RSD	.46842	1.1284	4.0035	1.0147	8.3501	.3123	19.403	4.0603

#1	.42760	.27639	.00940	.51847	.02841	.8008	.00043	3.0895
#2	.43154	.28241	.00917	.50922	.02934	.7999	.00062	3.2618
#3	.42886	.28108	.00869	.51806	.03319	.8046	.00049	3.0146

Sample Name: K3528-08DLX10 Acquired: 6/27/2019 13:20:13 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09-COMP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.66751
%RSD	119.93

#1	-1.2943
#2	-.38134
#3	.00580

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2559.3	28737.	2140.8	33.748	2618.8
Stddev	9.6	97.	8.8	1.271	2.0
%RSD	.37461	.33821	.41201	3.7653	.07765

#1	2551.2	28634.	2130.6	32.884	2616.9
#2	2569.9	28750.	2145.7	33.152	2621.0
#3	2557.0	28827.	2146.1	35.207	2618.6

Sample Name: K3528-08DUPDLX10 Acquired: 6/27/2019 13:24:33 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09-COMPDU Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02252	.00147	.17428	.00097	-.00098	16.112	.09192
Stddev	.00135	.00107	.00165	.00125	.00138	.179	.00142
%RSD	6.0076	72.538	.94419	128.31	141.12	1.1097	1.5479

#1	.02292	.00136	.17511	-.00021	-.00150	15.918	.09032
#2	.02101	.00259	.17534	.00228	.00059	16.149	.09305
#3	.02363	.00047	.17238	.00084	-.00201	16.269	.09240

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	-.00103	14.036	.05305	.02047	.08050	36.142
Stddev	.00020	.00006	.050	.00050	.00018	.00012	.045
%RSD	16.316	5.6642	.35949	.94834	.88730	.14811	.12361

#1	.00104	-.00103	13.982	.05259	.02028	.08053	36.093
#2	.00142	-.00097	14.082	.05359	.02064	.08037	36.181
#3	.00113	-.00108	14.044	.05296	.02050	.08060	36.151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74251	12.464	.11670	-.00190	1.4069	.05028	.24792
Stddev	.00131	.148	.00083	.00078	.0174	.00082	.00060
%RSD	.17586	1.1896	.71028	41.117	1.2393	1.6346	.24294

#1	.74108	12.312	.11711	-.00258	1.3913	.04934	.24724
#2	.74363	12.608	.11725	-.00207	1.4257	.05086	.24840
#3	.74282	12.471	.11575	-.00105	1.4035	.05064	.24812

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1318	.00033	.04669	.42954	.27487	.00921	.50944
Stddev	.0533	.00025	.02400	.00206	.01375	.00076	.00357
%RSD	2.5005	77.663	51.400	.47894	5.0033	8.2596	.70056

#1	2.0702	.00044	.07430	.42721	.27133	.00841	.51073
#2	2.1632	.00051	.03087	.43031	.26323	.00993	.50541
#3	2.1618	.00004	.03490	.43111	.29004	.00928	.51219

Sample Name: K3528-08DUPDLX10 Acquired: 6/27/2019 13:24:33 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09-COMPDU Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03036	.8066	.00031	3.3043	F<.00000
Stddev	.00367	.0037	.00019	.0146	.29341
%RSD	12.092	.4592	62.568	.44104	23.804
#1	.02625	.8077	.00053	3.3199	-1.4611
#2	.03149	.8024	.00017	3.3020	-1.3349
#3	.03332	.8095	.00023	3.2911	-.90174
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2560.5	28738.	2150.8	32.875	2620.4
Stddev	4.3	33.	21.1	1.286	5.6
%RSD	.16972	.11652	.98044	3.9132	.21363
#1	2565.1	28712.	2127.0	31.970	2626.2
#2	2556.5	28727.	2167.1	32.307	2620.0
#3	2559.7	28776.	2158.3	34.348	2615.0

Sample Name: K3528-08LDLX50 Acquired: 6/27/2019 13:28:54 Type: Unk
Method: P4-ICP2(v3237) 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	.00604	.00111	.03438	.00095	-.00054	3.2095	.01957	.00020
Stddev	.00117	.00097	.00064	.00375	.00047	.0050	.00097	.00009
%RSD	19.408	87.639	1.8736	393.69	87.736	.15536	4.9739	47.940

#1	.00504	.00212	.03365	.00182	-.00011	3.2147	.01926	.00013
#2	.00574	.00101	.03486	-.00316	-.00045	3.2048	.02066	.00015
#3	.00733	.00019	.03462	.00419	-.00104	3.2089	.01879	.00030

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	2.9123	.01080	.00381	.01663	7.4994	.15522	2.4593
Stddev	.00003	.0225	.00045	.00035	.00046	.0033	.00060	.0831
%RSD	14.900	.77380	4.1641	9.1869	2.7854	.04448	.38741	3.3780

#1	-.00018	2.8863	.01132	.00406	.01642	7.5024	.15504	2.5056
#2	-.00019	2.9248	.01053	.00341	.01716	7.4958	.15473	2.3634
#3	-.00024	2.9259	.01055	.00395	.01630	7.4999	.15589	2.5090

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02326	-.00069	.31150	.01029	.05046	.45379	-.00009	.01570
Stddev	.00043	.00078	.01144	.00058	.00018	.08641	.00025	.02463
%RSD	1.8602	112.64	3.6736	5.6270	.35213	19.043	272.27	156.88

#1	.02277	.00008	.29833	.01088	.05064	.54717	-.00034	.02824
#2	.02359	-.00067	.31898	.00972	.05044	.43756	.00016	.03154
#3	.02341	-.00148	.31720	.01028	.05029	.37665	-.00010	-.01268

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08312	.06681	.00196	.10570	.00494	.1535	-.00013	3.3266
Stddev	.00533	.00624	.00035	.00294	.00290	.0010	.00016	.1645
%RSD	6.4111	9.3436	17.978	2.7777	58.731	.6578	122.21	4.9455

#1	.07790	.06175	.00236	.10236	.00353	.1525	.00002	3.1797
#2	.08291	.06490	.00186	.10685	.00828	.1545	-.00030	3.2957
#3	.08855	.07379	.00167	.10788	.00301	.1535	-.00011	3.5044

Sample Name: K3528-08LDLX50 Acquired: 6/27/2019 13:28:54 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.9270
 Stddev .9384
 %RSD 48.695

#1 1.2961
 #2 3.0054
 #3 1.4796

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2522.6	28435.	2085.7	33.157	2707.0
Stddev	5.0	159.	9.1	.247	3.2
%RSD	.19624	.55844	.43478	.74493	.11855

#1	2523.0	28259.	2078.0	32.895	2706.2
#2	2517.4	28477.	2083.4	33.386	2704.3
#3	2527.3	28568.	2095.7	33.189	2710.5

Sample Name: K3528-08MSDLX10 Acquired: 6/27/2019 13:33:17 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09-COMPMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09445	.20962	.27867	.20034	.00951	16.889	.11062	.02202
Stddev	.00194	.00124	.00103	.00256	.00199	.260	.00141	.00006
%RSD	2.0559	.58969	.37126	1.2792	20.913	1.5415	1.2733	.29492

#1	.09226	.21005	.27986	.20223	.01098	16.734	.10961	.02195
#2	.09510	.21059	.27814	.19742	.00725	16.744	.11003	.02203
#3	.09598	.20823	.27801	.20137	.01031	17.190	.11223	.02207

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01936	19.938	.09213	.03713	.10407	33.232	.64795	15.294
Stddev	.00003	.051	.00034	.00014	.00031	.051	.00080	.359
%RSD	.14512	.25363	.37227	.37344	.29987	.15278	.12419	2.3486

#1	.01936	19.898	.09174	.03728	.10417	33.174	.64707	14.933
#2	.01933	19.921	.09227	.03712	.10432	33.270	.64865	15.297
#3	.01939	19.995	.09238	.03701	.10372	33.251	.64813	15.652

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15468	.00596	1.6196	.07906	.23375	2.8460	.03874	.07017
Stddev	.00048	.00063	.0205	.00012	.00042	.0214	.00047	.02056
%RSD	.30798	10.610	1.2632	.15164	.18126	.75034	1.2086	29.303

#1	.15514	.00666	1.6101	.07894	.23375	2.8660	.03887	.08464
#2	.15473	.00543	1.6056	.07918	.23417	2.8235	.03913	.04663
#3	.15419	.00579	1.6431	.07905	.23332	2.8485	.03822	.07924

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4343	.35226	.07466	.49644	.04926	1.583	.04393	3.3031
Stddev	.0064	.01185	.00046	.00090	.00152	.005	.00001	.1022
%RSD	.44895	3.3652	.61100	.18173	3.0951	.3045	.03222	3.0933

#1	1.4398	.36072	.07418	.49643	.04904	1.589	.04392	3.4189
#2	1.4359	.35735	.07471	.49735	.05088	1.580	.04395	3.2647
#3	1.4272	.33871	.07509	.49554	.04786	1.581	.04392	3.2256

Sample Name: K3528-08MSDLX10 Acquired: 6/27/2019 13:33:17 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-09-COMPMS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .73616
 %RSD 264.59

#1 -1.1108
 #2 -.01055
 #3 .28664

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2545.5	28654.	2147.1	34.023	2597.3
Stddev	8.7	116.	26.7	1.786	9.1
%RSD	.34174	.40317	1.2418	5.2505	.35099

#1	2537.3	28759.	2134.5	35.561	2589.6
#2	2544.6	28672.	2129.0	32.064	2594.8
#3	2554.6	28530.	2177.7	34.443	2607.4

Sample Name: K3528-08MSDDLX10 Acquired: 6/27/2019 13:37:34 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09-COMPMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09292	.20174	.26204	.18860	.00991	15.861	.10348	.02092
Stddev	.00425	.00077	.00034	.00463	.00241	.089	.00082	.00012
%RSD	4.5774	.38254	.13002	2.4558	24.281	.55951	.79043	.57158
#1	.08829	.20253	.26240	.19113	.01068	15.783	.10254	.02101
#2	.09381	.20098	.26202	.18325	.00721	15.843	.10391	.02098
#3	.09666	.20170	.26172	.19142	.01183	15.957	.10399	.02079
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01827	18.707	.08673	.03532	.09823	31.469	.61286	14.405
Stddev	.00009	.208	.00065	.00025	.00076	.054	.00057	.070
%RSD	.47529	1.1099	.74710	.70562	.77320	.17023	.09285	.48609
#1	.01835	18.624	.08668	.03545	.09737	31.408	.61249	14.351
#2	.01829	18.554	.08740	.03503	.09848	31.507	.61352	14.484
#3	.01818	18.944	.08610	.03548	.09882	31.492	.61257	14.380
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14537	.00537	1.5225	.07498	.22067	2.6596	.03672	.05932
Stddev	.00088	.00091	.0308	.00042	.00011	.0539	.00029	.01174
%RSD	.60262	17.045	2.0198	.56080	.05002	2.0281	.77918	19.788
#1	.14637	.00586	1.4871	.07473	.22076	2.6235	.03704	.07280
#2	.14498	.00431	1.5387	.07547	.22070	2.7216	.03648	.05135
#3	.14476	.00592	1.5418	.07475	.22055	2.6338	.03665	.05381
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3539	.33479	.07024	.46302	.04984	1.501	.04078	3.2699
Stddev	.0040	.01058	.00074	.00388	.00224	.006	.00029	.1024
%RSD	.29265	3.1597	1.0467	.83704	4.4938	.4056	.70175	3.1311
#1	1.3585	.32395	.06984	.46035	.04895	1.504	.04058	3.1765
#2	1.3517	.33535	.07109	.46123	.04819	1.506	.04066	3.2539
#3	1.3516	.34508	.06979	.46746	.05239	1.494	.04111	3.3794

Sample Name: K3528-08MSDDLX10 Acquired: 6/27/2019 13:37:34 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09-COMPMS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.74906
%RSD	457.84

#1	-.42165
#2	-.74953
#3	.68037

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2550.3	28698.	2157.0	33.683	2609.0
Stddev	6.7	78.	16.5	.433	5.1
%RSD	.26341	.27315	.76407	1.2849	.19405

#1	2543.7	28764.	2153.5	33.195	2603.5
#2	2557.2	28612.	2175.0	33.830	2613.3
#3	2550.1	28720.	2142.6	34.023	2610.3

Sample Name: K3528-08ADLX10 Acquired: 6/27/2019 13:41:50 Type: Unk
Method: P4-ICP2(v3237) 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	.09682	.20899	.27405	.19749	.00965	16.631	.10930
Stddev	.00201	.00082	.00187	.00730	.00057	.085	.00150
%RSD	2.0773	.39362	.68179	3.6980	5.9209	.51103	1.3709

#1	.09597	.20991	.27285	.20587	.01031	16.671	.10758
#2	.09911	.20834	.27620	.19252	.00930	16.534	.11028
#3	.09537	.20871	.27310	.19407	.00934	16.689	.11005

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02163	.01921	19.671	.09105	.03714	.10249	32.927
Stddev	.00011	.00013	.128	.00044	.00020	.00099	.039
%RSD	.52524	.66176	.64913	.48865	.53872	.96411	.11988

#1	.02153	.01931	19.561	.09073	.03727	.10146	32.966
#2	.02175	.01906	19.641	.09086	.03724	.10343	32.887
#3	.02161	.01925	19.811	.09155	.03691	.10258	32.928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64146	15.055	.15243	.00600	1.5958	.07779	.23082
Stddev	.00180	.110	.00025	.00034	.0151	.00106	.00099
%RSD	.28113	.73042	.16512	5.6368	.94528	1.3630	.42804

#1	.64339	14.930	.15252	.00561	1.5915	.07901	.23119
#2	.63983	15.101	.15215	.00621	1.5833	.07733	.23156
#3	.64115	15.135	.15262	.00619	1.6125	.07705	.22970

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7073	.03864	.05789	1.4130	.35241	.07273	.48470
Stddev	.0356	.00030	.03764	.0064	.00820	.00057	.00689
%RSD	1.3157	.77570	65.013	.45537	2.3268	.77767	1.4224

#1	2.6666	.03882	.09646	1.4067	.35820	.07223	.48620
#2	2.7331	.03880	.05595	1.4125	.34303	.07263	.47718
#3	2.7220	.03829	.02126	1.4196	.35601	.07334	.49072

Sample Name: K3528-08ADLX10 Acquired: 6/27/2019 13:41:50 Type: Unk
Method: P4-ICP2(v3237) 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	.04968	1.561	.04318	3.3807	F<.00000
Stddev	.00245	.004	.00029	.0985	1.1679
%RSD	4.9330	.2775	.66400	2.9126	107.17
#1	.05188	1.560	.04333	3.4323	-1.0970
#2	.04704	1.566	.04285	3.4426	.08175
#3	.05012	1.558	.04336	3.2672	-2.2540
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2554.9	28655.	2142.6	33.170	2610.8
Stddev	10.9	147.	8.9	1.027	13.7
%RSD	.42776	.51322	.41728	3.0969	.52582
#1	2545.1	28494.	2132.4	32.043	2602.0
#2	2552.8	28782.	2149.4	34.055	2603.8
#3	2566.7	28689.	2145.8	33.411	2626.6

Sample Name: K3532-09DLX10 Acquired: 6/27/2019 13:46:08 Type: Unk
Method: P4-ICP2(v3237) 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	.06307	.00156	.74258	.00030	-.00135	9.9655	.37199	.00120
Stddev	.00088	.00028	.00049	.00299	.00054	.0456	.00145	.00013
%RSD	1.3940	17.704	.06654	1007.8	40.336	.45772	.38957	10.701

#1	.06254	.00153	.74213	-.00162	-.00098	9.9152	.37227	.00107
#2	.06258	.00185	.74311	.00374	-.00197	10.004	.37042	.00121
#3	.06408	.00131	.74251	-.00123	-.00109	9.9768	.37328	.00132

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00124	27.506	.04104	.01108	.25828	34.275	.49561	9.3973
Stddev	.00011	.109	.00067	.00015	.00074	.023	.00061	.0855
%RSD	8.9840	.39711	1.6410	1.3596	.28468	.06726	.12253	.91022

#1	.00131	27.467	.04060	.01092	.25863	34.254	.49510	9.4291
#2	.00129	27.422	.04182	.01122	.25877	34.270	.49628	9.4625
#3	.00111	27.630	.04071	.01109	.25743	34.300	.49543	9.3005

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04832	.00316	.34749	.05006	.70226	1.0198	.00211	.06411
Stddev	.00011	.00059	.00130	.00079	.00174	.0575	.00019	.01794
%RSD	.22028	18.632	.37298	1.5799	.24714	5.6332	8.9736	27.992

#1	.04834	.00339	.34714	.04917	.70425	.95349	.00217	.08363
#2	.04820	.00360	.34641	.05030	.70147	1.0545	.00226	.06036
#3	.04842	.00249	.34893	.05069	.70106	1.0514	.00190	.04833

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9686	.20548	.03036	.32929	.01136	1.002	.06652	3.2616
Stddev	.0057	.01290	.00083	.00474	.00361	.003	.00056	.0205
%RSD	.29192	6.2799	2.7489	1.4397	31.751	.3033	.84659	.62761

#1	1.9705	.19518	.03042	.32711	.01458	1.004	.06637	3.2734
#2	1.9731	.20130	.03117	.32603	.01204	1.003	.06605	3.2379
#3	1.9621	.21995	.02950	.33473	.00746	.9982	.06715	3.2733

Sample Name: K3532-09DLX10 Acquired: 6/27/2019 13:46:08 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .14457
Stddev 1.0786
%RSD 746.02

#1 -1.1008
#2 .76140
#3 .77313

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2528.0	28496.	2122.8	34.460	2629.7
Stddev	7.2	105.	8.6	1.252	1.8
%RSD	.28640	.36964	.40366	3.6320	.06789

#1	2525.7	28393.	2116.6	35.791	2627.7
#2	2536.1	28604.	2132.6	33.307	2631.0
#3	2522.1	28491.	2119.2	34.282	2630.5

Sample Name: CCV03 Acquired: 6/27/2019 13:50:26 Type: Unk
Method: P4-ICP2(v3237) 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	4.9606	5.0768	4.9282	5.0003	4.9577	9.4003	9.9071	.25165
Stddev	.0045	.0121	.0096	.0225	.0119	.0597	.0663	.00114
%RSD	.09155	.23911	.19443	.44901	.24083	.63527	.66896	.45498
#1	4.9604	5.0790	4.9393	5.0191	4.9700	9.3463	9.8815	.25231
#2	4.9653	5.0637	4.9220	4.9754	4.9570	9.3901	9.8574	.25232
#3	4.9562	5.0877	4.9234	5.0063	4.9462	9.4644	9.9823	.25033
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4830	25.055	.98984	2.4798	1.2451	5.0068	2.5291	24.351
Stddev	.0056	.180	.00191	.0048	.0049	.0115	.0029	.207
%RSD	.22406	.71845	.19328	.19224	.39277	.23002	.11457	.85078
#1	2.4888	24.876	.98763	2.4852	1.2505	5.0178	2.5308	24.372
#2	2.4777	25.236	.99086	2.4779	1.2410	5.0077	2.5308	24.134
#3	2.4825	25.052	.99103	2.4762	1.2439	4.9948	2.5258	24.547
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4868	1.2421	24.638	2.4985	2.4724	24.835	5.0353	5.0024
Stddev	.0058	.0028	.184	.0031	.0096	.143	.0115	.0296
%RSD	.23283	.22649	.74590	.12374	.38975	.57532	.22789	.59093
#1	2.4921	1.2427	24.582	2.4988	2.4834	24.859	5.0466	4.9686
#2	2.4806	1.2391	24.488	2.5014	2.4657	24.682	5.0236	5.0151
#3	2.4876	1.2446	24.843	2.4953	2.4680	24.965	5.0358	5.0236
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9367	4.9071	4.9461	4.9584	4.8472	5.139	5.3145	F 4.0608
Stddev	.0049	.0420	.0111	.0271	.0222	.009	.0228	.0929
%RSD	.09898	.85482	.22444	.54583	.45699	.1657	.42906	2.2870
#1	4.9409	4.8876	4.9547	4.9309	4.8322	5.140	5.2957	3.9794
#2	4.9313	4.9552	4.9336	4.9851	4.8727	5.130	5.3398	4.0411
#3	4.9379	4.8784	4.9501	4.9591	4.8368	5.147	5.3079	4.1620

Sample Name: CCV03 Acquired: 6/27/2019 13:50:26 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7839
Stddev	2.3017
%RSD	129.03

#1	2.3208
#2	-.73878
#3	3.7698

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2429.4	27403.	2062.6	31.450	2452.2
Stddev	4.7	69.	15.3	.630	5.1
%RSD	.19199	.25273	.74340	2.0043	.20752

#1	2424.2	27353.	2059.8	32.120	2446.4
#2	2433.3	27482.	2048.9	30.868	2455.9
#3	2430.7	27374.	2079.1	31.363	2454.2

Sample Name: CCB03 Acquired: 6/27/2019 13:54:23 Type: Unk
Method: P4-ICP2(v3237) 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	-.00037	.00057	.00019	-.00186	-.00358	-.01828	.00237	.00006
Stddev	.00389	.00051	.00054	.00121	.00182	.01592	.00055	.00009
%RSD	1055.9	89.234	287.60	64.810	50.684	87.091	23.014	146.82

#1	-.00449	.00112	.00080	-.00324	-.00559	-.03075	.00242	-.00003
#2	.00013	.00011	-.00007	-.00136	-.00312	-.00035	.00180	.00006
#3	.00325	.00048	-.00018	-.00099	-.00205	-.02372	.00289	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.01987	.00015	-.00017	-.00047	.00059	-.00001	-.06087
Stddev	.00001	.01961	.00028	.00018	.00026	.00052	.00004	.02790
%RSD	25.207	98.699	181.98	106.89	56.578	87.822	550.88	45.835

#1	.00004	-.03678	.00033	-.00017	-.00030	.00058	.00004	-.08494
#2	.00004	.00163	.00030	.00001	-.00032	.00008	-.00003	-.06736
#3	.00006	-.02446	-.00017	-.00034	-.00077	.00111	-.00004	-.03029

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	-.00007	.04902	-.00004	-.00008	.00937	.00035	.02767
Stddev	.00038	.00050	.00324	.00033	.00010	.05007	.00031	.01090
%RSD	81.551	709.22	6.6029	763.26	121.45	534.32	87.158	39.374

#1	.00004	-.00039	.04541	.00005	-.00020	.05142	.00070	.03951
#2	.00058	.00051	.04998	.00023	-.00002	.02271	.00026	.02545
#3	.00077	-.00033	.05167	-.00041	-.00003	-.04602	.00011	.01806

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	-.00283	.00001	-.00098	-.00427	-.0041	-.00000	3.3542
Stddev	.00153	.00432	.00024	.00275	.00139	.0015	.00021	.0549
%RSD	735.06	152.80	2592.5	280.06	32.592	37.47	7628.0	1.6372

#1	.00177	-.00712	.00017	-.00264	-.00561	-.0047	-.00024	3.3330
#2	-.00129	-.00288	-.00027	-.00250	-.00437	-.0023	.00013	3.3131
#3	.00015	.00152	.00013	.00219	-.00283	-.0052	.00011	3.4165

Sample Name: CCB03 Acquired: 6/27/2019 13:54:23 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5124
Stddev 1.0228
%RSD 67.628

#1 2.0292
#2 2.1736
#3 .33431

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2522.4	28377.	2313.8	37.813	2768.7
Stddev	6.2	109.	341.0	5.496	5.2
%RSD	.24636	.38498	14.737	14.535	.18831

#1	2515.3	28252.	2707.5	44.159	2763.0
#2	2524.9	28423.	2119.7	34.698	2769.7
#3	2527.0	28455.	2114.1	34.582	2773.3

Sample Name: PB120971BL Acquired: 6/27/2019 13:58:52 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120971BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	-.00093	.00015	-.00163	-.00096	-.02228	.00195	.00018
Stddev	.00143	.00138	.00074	.00470	.00295	.00700	.00076	.00009
%RSD	90.773	149.55	511.86	288.77	308.45	31.436	39.172	50.800
#1	-.00285	-.00157	.00087	.00271	-.00299	-.01957	.00279	.00029
#2	-.00003	.00066	.00018	-.00097	.00243	-.03024	.00131	.00014
#3	-.00183	-.00187	-.00062	-.00663	-.00231	-.01704	.00174	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00267	.00019	-.00036	-.00049	.00090	-.00001	-.09643
Stddev	.00004	.00806	.00035	.00017	.00042	.00088	.00002	.07501
%RSD	60.174	301.78	186.00	46.693	85.936	98.233	288.15	77.784
#1	.00002	.00538	.00047	-.00053	-.00093	.00072	.00001	-.00997
#2	.00008	-.00265	-.00020	-.00036	-.00010	.00012	-.00000	-.14403
#3	.00009	-.01074	.00030	-.00019	-.00044	.00185	-.00002	-.13531
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	.00002	.02996	-.00046	-.00010	-.04398	-.00010	F .02762
Stddev	.00044	.00071	.00348	.00040	.00003	.02498	.00010	.02597
%RSD	75.938	3715.3	11.625	87.101	24.644	56.798	96.403	94.029
#1	.00018	-.00080	.02896	-.00010	-.00010	-.04913	-.00020	-.00235
#2	.00105	.00052	.03383	-.00089	-.00013	-.01683	-.00001	.04178
#3	.00050	.00033	.02709	-.00039	-.00008	-.06598	-.00009	.04344
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00445	-.00076	.00014	-.00117	-.00454	-.0043	-.00004	F 3.4672
Stddev	.00320	.00381	.00076	.00224	.00027	.0007	.00007	.1296
%RSD	71.935	502.33	529.37	191.94	5.9881	15.80	180.62	3.7383
#1	.00786	.00198	-.00061	.00141	-.00472	-.0038	.00002	3.6029
#2	.00398	-.00512	.00091	-.00264	-.00423	-.0050	-.00002	3.4539
#3	.00151	.00086	.00013	-.00226	-.00467	-.0039	-.00012	3.3447

Sample Name: PB120971BL Acquired: 6/27/2019 13:58:52 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120971BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.8789
Stddev	.4626
%RSD	24.621

#1	1.5238
#2	2.4020
#3	1.7108

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2507.2	28210.	2069.9	33.880	2754.4
Stddev	4.4	153.	31.9	2.681	6.9
%RSD	.17412	.54145	1.5427	7.9126	.25108

#1	2506.0	28117.	2059.6	36.786	2751.3
#2	2503.5	28386.	2105.8	31.505	2749.5
#3	2512.0	28126.	2044.5	33.348	2762.3

Sample Name: PB120971BS Acquired: 6/27/2019 14:03:20 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120971BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74062	1.9416	.94134	1.8772	.75925	1.8289	.19925
Stddev	.00425	.0006	.00120	.0080	.00486	.0196	.00269
%RSD	.57448	.03250	.12704	.42494	.63995	1.0712	1.3476

#1	.74074	1.9419	.94267	1.8864	.76410	1.8170	.19615
#2	.74481	1.9408	.94102	1.8725	.75439	1.8182	.20079
#3	.73631	1.9420	.94034	1.8727	.75927	1.8515	.20082

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19315	.18530	1.1228	.40617	.19313	.31519	3.0993
Stddev	.00028	.00021	.0340	.00100	.00058	.00027	.0032
%RSD	.14313	.11300	3.0238	.24679	.30190	.08493	.10452

#1	.19322	.18506	1.0849	.40687	.19294	.31492	3.0985
#2	.19339	.18543	1.1504	.40662	.19266	.31545	3.1028
#3	.19285	.18541	1.1331	.40502	.19378	.31520	3.0965

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21009	1.8130	.48639	.07050	2.9187	.30424	.22098
Stddev	.00040	.0647	.00210	.00050	.0165	.00058	.00113
%RSD	.18995	3.5692	.43144	.71493	.56504	.18945	.51302

#1	.20962	1.8756	.48398	.07039	2.8999	.30390	.21984
#2	.21030	1.7464	.48743	.07106	2.9306	.30391	.22099
#3	.21033	1.8171	.48777	.07007	2.9257	.30490	.22210

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6439	.40209	.28129	F .00625	.75742	.66011	.19991
Stddev	.0960	.00110	.01160	.00807	.00413	.00334	.00054
%RSD	.99524	.27256	4.1228	129.12	.54516	.50607	.27152

#1	9.5369	.40301	.29398	.01134	.76054	.65639	.20052
#2	9.7224	.40237	.27123	.01047	.75899	.66286	.19948
#3	9.6725	.40088	.27866	-.00306	.75274	.66108	.19972

Sample Name: PB120971BS Acquired: 6/27/2019 14:03:20 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120971BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19448	5.494	F .24908	F 3.5889	F<.00000
Stddev	.00266	.012	.00092	.0648	.23429
%RSD	1.3662	.2125	.36982	1.8052	18.238

#1	.19418	5.489	.24894	3.6493	-1.3314
#2	.19727	5.487	.25006	3.5968	-1.4920
#3	.19198	5.508	.24824	3.5205	-1.0305

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2541.2	28703.	2090.1	34.851	2746.2
Stddev	10.3	76.	18.5	.805	7.0
%RSD	.40481	.26472	.88341	2.3097	.25422

#1	2541.0	28699.	2072.3	33.984	2752.0
#2	2531.0	28629.	2088.8	34.993	2738.4
#3	2551.6	28781.	2109.1	35.575	2748.0

Sample Name: PB120966BL Acquired: 6/27/2019 14:07:29 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120966BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	.00017	-.00068	-.00014	-.00093	-.01906	.00213	.00007
Stddev	.00192	.00190	.00192	.00227	.00107	.00724	.00114	.00007
%RSD	158.20	1125.3	283.19	1669.6	114.78	37.970	53.480	99.367
#1	-.00341	.00226	.00000	-.00194	-.00065	-.01283	.00274	.00014
#2	.00018	-.00033	.00081	.00241	-.00211	-.02700	.00082	.00005
#3	-.00042	-.00143	-.00285	-.00088	-.00003	-.01734	.00284	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00828	.00026	-.00040	-.00092	.00268	.00009	-.04894
Stddev	.00007	.00783	.00029	.00024	.00027	.00062	.00009	.09715
%RSD	116.89	94.598	110.98	59.820	29.000	22.974	95.084	198.49
#1	.00015	.01591	.00028	-.00017	-.00120	.00203	.00003	.05998
#2	.00001	.00026	-.00004	-.00064	-.00066	.00325	.00006	-.12663
#3	.00003	.00866	.00054	-.00038	-.00091	.00275	.00019	-.08019
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.00014	.03124	-.00047	-.00006	-.02331	-.00048	F .03287
Stddev	.00047	.00062	.01491	.00025	.00006	.06880	.00024	.00671
%RSD	86.218	441.74	47.726	52.813	92.032	295.19	50.179	20.401
#1	.00011	.00057	.04631	-.00042	-.00011	-.00199	-.00048	.02770
#2	.00047	-.00039	.01650	-.00074	-.00000	-.10025	-.00024	.04044
#3	.00104	-.00060	.03090	-.00025	-.00007	.03232	-.00072	.03046
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00305	.00264	.00005	.00067	-.00373	-.0032	-.00004	F 3.3885
Stddev	.00267	.00239	.00081	.00314	.00182	.0023	.00006	.0656
%RSD	87.616	90.517	1557.4	465.93	48.760	73.67	132.81	1.9359
#1	-.00002	.00538	.00098	-.00221	-.00368	-.0056	-.00010	3.4588
#2	-.00508	.00145	-.00053	.00022	-.00556	-.0031	.00002	3.3778
#3	-.00404	.00108	-.00030	.00401	-.00193	-.0009	-.00005	3.3289

Sample Name: PB120966BL Acquired: 6/27/2019 14:07:29 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120966BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9272
Stddev	.9177
%RSD	47.618

#1	2.5862
#2	.87906
#3	2.3164

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2514.8	28273.	2086.6	32.974	2760.2
Stddev	5.3	102.	4.9	1.351	5.6
%RSD	.21030	.36082	.23679	4.0958	.20299

#1	2511.9	28298.	2091.8	31.586	2756.0
#2	2511.6	28161.	2086.0	34.284	2758.0
#3	2520.9	28360.	2082.0	33.052	2766.5

Sample Name: PB120966BS Acquired: 6/27/2019 14:11:57 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120966BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74850	1.9654	.95180	1.8818	.77688	1.8760	.20291
Stddev	.00361	.0040	.00175	.0041	.00086	.0129	.00254
%RSD	.48207	.20446	.18335	.21808	.11048	.68597	1.2496

#1	.74983	1.9618	.94983	1.8840	.77759	1.8637	.19999
#2	.75126	1.9697	.95242	1.8842	.77593	1.8749	.20418
#3	.74442	1.9647	.95315	1.8770	.77712	1.8894	.20456

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19478	.18602	1.0792	.41082	.19535	.31808	3.1227
Stddev	.00038	.00043	.0222	.00154	.00020	.00122	.0037
%RSD	.19276	.22893	2.0528	.37591	.10033	.38372	.11779

#1	.19446	.18565	1.0602	.40931	.19555	.31859	3.1194
#2	.19470	.18591	1.0739	.41239	.19516	.31896	3.1266
#3	.19520	.18648	1.1036	.41075	.19535	.31669	3.1219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21099	1.9006	.49111	.07045	2.9838	.30848	.20312
Stddev	.00026	.0573	.00087	.00113	.0198	.00180	.00012
%RSD	.12254	3.0165	.17659	1.6027	.66212	.58403	.06083

#1	.21110	1.9373	.49046	.07136	2.9611	.30750	.20315
#2	.21069	1.8345	.49077	.07081	2.9967	.31056	.20299
#3	.21117	1.9299	.49210	.06919	2.9937	.30738	.20323

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8637	.40868	.30656	F 5.6722	.81403	.66825	.20301
Stddev	.0897	.00081	.01281	.0362	.01171	.00230	.00317
%RSD	.90942	.19898	4.1777	.63902	1.4383	.34362	1.5636

#1	9.7602	.40893	.30003	5.6973	.82684	.66614	.20188
#2	9.9118	.40934	.32132	5.6887	.81138	.66792	.20660
#3	9.9190	.40777	.29834	5.6307	.80388	.67070	.20056

Sample Name: PB120966BS Acquired: 6/27/2019 14:11:57 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120966BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19704	5.549	F .25369	F 3.5593	F<.00000
Stddev	.00234	.008	.00025	.0873	.65271
%RSD	1.1866	.1369	.09854	2.4527	189.83
#1	.19730	5.540	.25367	3.4616	-.53416
#2	.19458	5.555	.25394	3.5866	.38288
#3	.19923	5.552	.25345	3.6297	-.88024
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2512.0	28399.	2074.3	34.095	2719.4
Stddev	8.2	28.	16.8	1.228	8.3
%RSD	.32828	.09785	.80766	3.6002	.30480
#1	2504.1	28424.	2058.6	32.998	2715.0
#2	2520.5	28369.	2072.5	35.420	2728.9
#3	2511.5	28403.	2091.9	33.866	2714.1

Sample Name: K3530-01 Acquired: 6/27/2019 14:24:57 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06210	.00129	.97797	.01379	.06629	113.10	.94191
Stddev	.00153	.00075	.00173	.00334	.00239	.60	.00233
%RSD	2.4616	58.382	.17710	24.196	3.6131	.52927	.24684

#1	.06034	.00167	.97800	.01505	.06831	112.54	.94297
#2	.06291	.00042	.97969	.01000	.06691	113.73	.94352
#3	.06306	.00178	.97623	.01631	.06364	113.03	.93924

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01175	.00181	134.17	.27911	.15034	.48592	219.65
Stddev	.00021	.00008	.61	.00226	.00023	.00077	.90
%RSD	1.7668	4.6219	.45355	.80941	.15467	.15779	.40781

#1	.01193	.00173	134.39	.27923	.15008	.48614	219.01
#2	.01180	.00190	133.49	.27679	.15040	.48507	219.26
#3	.01153	.00179	134.64	.28130	.15054	.48655	220.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2485	73.525	.70671	-.01635	7.2883	.37233	1.3570
Stddev	.0035	.152	.00236	.00139	.0251	.00046	.0020
%RSD	.08155	.20730	.33332	8.4778	.34447	.12403	.14465

#1	4.2477	73.513	.70919	-.01723	7.2741	.37180	1.3593
#2	4.2524	73.379	.70643	-.01707	7.3173	.37252	1.3561
#3	4.2456	73.683	.70451	-.01475	7.2734	.37267	1.3557

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.433	.01382	.18135	F 10.764	3.1303	.07170	2.5166
Stddev	.096	.00034	.01628	.021	.0397	.00059	.0090
%RSD	.71104	2.4532	8.9758	.19551	1.2675	.82477	.35633

#1	13.429	.01386	.19312	10.788	3.1422	.07230	2.5199
#2	13.531	.01347	.16277	10.756	3.0860	.07168	2.5065
#3	13.340	.01414	.18815	10.748	3.1626	.07112	2.5235

Sample Name: K3530-01 Acquired: 6/27/2019 14:24:57 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-GF-02-044 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16204	6.835	.36870	<.00000	F<.00000
Stddev	.00166	.023	.00173	.11824	.90375
%RSD	1.0235	.3338	.47047	75.617	2.8137
#1	.16332	6.820	.36976	-.15403	-32.161
#2	.16016	6.861	.36670	-.03931	-33.002
#3	.16263	6.824	.36964	-.27576	-31.196
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2946.0	33117.	2563.0	32.834	2347.7
Stddev	2.8	38.	20.6	.647	3.8
%RSD	.09639	.11388	.80488	1.9697	.16376
#1	2944.7	33100.	2552.6	33.290	2343.6
#2	2949.2	33160.	2586.7	33.119	2351.3
#3	2944.0	33090.	2549.6	32.094	2348.1

Sample Name: K3530-03 Acquired: 6/27/2019 14:36:10 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02345	-.00011	.29481	.01086	.00741	45.993	.37860
Stddev	.00425	.00096	.00065	.00078	.00103	.537	.00456
%RSD	18.143	903.33	.22134	7.2151	13.894	1.1671	1.2051

#1	.02211	.00076	.29486	.01084	.00623	45.466	.37391
#2	.02002	-.00114	.29543	.01165	.00809	45.973	.37886
#3	.02821	.00006	.29413	.01008	.00791	46.539	.38303

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00419	-.00225	61.575	.13127	.05065	.17329	102.62
Stddev	.00009	.00017	.506	.00087	.00024	.00036	.71
%RSD	2.1083	7.4677	.82157	.66148	.47797	.20818	.69104

#1	.00414	-.00217	60.997	.13071	.05091	.17300	102.27
#2	.00413	-.00214	61.787	.13084	.05063	.17317	102.15
#3	.00429	-.00244	61.940	.13227	.05043	.17369	103.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8368	34.397	.23012	-.00650	3.4159	.16263	.61126
Stddev	.0023	.611	.00023	.00021	.0401	.00035	.00164
%RSD	.12517	1.7768	.09983	3.1689	1.1736	.21339	.26790

#1	1.8386	33.992	.23036	-.00672	3.3800	.16300	.61314
#2	1.8375	34.099	.23011	-.00648	3.4087	.16259	.61010
#3	1.8342	35.100	.22990	-.00631	3.4592	.16231	.61055

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3333	.00251	.10382	2.7967	2.3081	.02114	1.7561
Stddev	.0936	.00010	.01840	.0014	.0225	.00026	.0182
%RSD	1.1233	3.9426	17.724	.04955	.97463	1.2333	1.0386

#1	8.2482	.00261	.12502	2.7973	2.3206	.02086	1.7353
#2	8.3182	.00250	.09442	2.7977	2.3215	.02117	1.7638
#3	8.4336	.00242	.09201	2.7951	2.2821	.02138	1.7693

Sample Name: K3530-03 Acquired: 6/27/2019 14:36:10 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-GF-02-044 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06886	2.047	.11429	2.5742	F<.00000
Stddev	.00285	.002	.00140	.2553	2.2507
%RSD	4.1363	.0945	1.2244	9.9192	33.056
#1	.06881	2.046	.11305	2.6826	-9.2159
#2	.07173	2.047	.11581	2.7574	-6.4535
#3	.06603	2.049	.11402	2.2825	-4.7568
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2637.6	29741.	2243.7	33.274	2482.9
Stddev	9.5	150.	6.0	.865	5.1
%RSD	.36180	.50492	.26851	2.6004	.20690
#1	2627.5	29780.	2239.3	34.268	2477.0
#2	2646.5	29868.	2241.2	32.692	2485.5
#3	2638.7	29575.	2250.5	32.862	2486.3

Sample Name: K3531-01 Acquired: 6/27/2019 14:40:32 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06019	.00166	.95864	.01300	.02244	121.47	.97732
Stddev	.00347	.00050	.00329	.00271	.00111	.78	.00930
%RSD	5.7621	30.265	.34281	20.822	4.9546	.63948	.95205

#1	.05679	.00223	.96047	.01321	.02370	121.04	.97684
#2	.06005	.00130	.95485	.01560	.02200	122.37	.98685
#3	.06372	.00144	.96061	.01020	.02161	121.01	.96826

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01110	.00250	173.01	.25455	.17834	.45108	222.05
Stddev	.00015	.00020	.26	.00092	.00026	.00069	1.94
%RSD	1.3254	8.0082	.15259	.36267	.14343	.15188	.87282

#1	.01111	.00271	173.06	.25425	.17814	.45094	220.43
#2	.01124	.00231	173.24	.25381	.17825	.45048	224.20
#3	.01095	.00247	172.72	.25559	.17863	.45183	221.51

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1212	88.016	.75292	-.01605	7.6102	.36260	1.3826
Stddev	.0256	.791	.00202	.00091	.0649	.00236	.0038
%RSD	.41875	.89819	.26792	5.6669	.85314	.65000	.27673

#1	6.1012	88.378	.75495	-.01708	7.5791	.36173	1.3867
#2	6.1501	88.562	.75091	-.01536	7.6848	.36081	1.3791
#3	6.1124	87.110	.75290	-.01571	7.5666	.36527	1.3819

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.158	.00564	.18991	F 10.269	3.3006	.04315	2.5142
Stddev	.144	.00032	.01280	.011	.0345	.00128	.0019
%RSD	1.0197	5.6234	6.7382	.11005	1.0455	2.9618	.07486

#1	14.076	.00559	.17567	10.279	3.2825	.04249	2.5162
#2	14.325	.00534	.19364	10.270	3.2789	.04462	2.5140
#3	14.073	.00597	.20043	10.257	3.3404	.04233	2.5124

Sample Name: K3531-01 Acquired: 6/27/2019 14:40:32 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-043 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18196	6.268	.42829	<.00000	F<.00000
Stddev	.00150	.002	.00214	.15996	1.2733
%RSD	.82257	.0281	.49929	311.55	3.7997
#1	.18368	6.267	.42937	.13261	-33.881
#2	.18119	6.268	.42583	-.12892	-34.558
#3	.18100	6.270	.42968	-.15772	-32.093
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2879.5	32595.	2537.0	32.872	2308.7
Stddev	6.0	180.	4.4	.758	6.1
%RSD	.20991	.55133	.17446	2.3054	.26364
#1	2874.1	32677.	2537.7	33.160	2301.9
#2	2878.2	32388.	2541.1	32.012	2310.4
#3	2886.0	32718.	2532.3	33.443	2313.7

Sample Name: K3531-03 Acquired: 6/27/2019 14:45:04 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05491	-.00070	.89209	.01432	.03330	117.51	.97413
Stddev	.00272	.00106	.00287	.00332	.00368	.43	.00878
%RSD	4.9613	151.49	.32215	23.167	11.057	.36890	.90150

#1	.05805	.00047	.89126	.01762	.03194	117.19	.96427
#2	.05317	-.00161	.89528	.01098	.03049	118.00	.98112
#3	.05351	-.00096	.88972	.01436	.03747	117.35	.97698

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01061	.00275	203.20	.25364	.14624	.43579	201.47
Stddev	.00002	.00007	2.40	.00140	.00053	.00169	.46
%RSD	.21794	2.6578	1.1836	.55163	.36182	.38819	.22930

#1	.01062	.00272	205.06	.25500	.14567	.43705	201.54
#2	.01058	.00270	200.48	.25221	.14671	.43387	201.90
#3	.01062	.00283	204.05	.25372	.14635	.43645	200.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1475	85.510	.72475	-.01602	8.0481	.35789	1.3018
Stddev	.0016	.271	.00069	.00042	.0606	.00039	.0016
%RSD	.03937	.31665	.09531	2.6150	.75243	.10944	.12563

#1	4.1490	85.203	.72408	-.01621	7.9847	.35817	1.3013
#2	4.1458	85.715	.72546	-.01554	8.1053	.35805	1.3036
#3	4.1479	85.613	.72470	-.01630	8.0543	.35744	1.3004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.741	.01175	.15799	9.3567	3.5719	.05211	2.8727
Stddev	.120	.00011	.00616	.0230	.0663	.00065	.0396
%RSD	.87311	.92322	3.9016	.24622	1.8556	1.2492	1.3798

#1	13.617	.01188	.15839	9.3700	3.6164	.05165	2.9088
#2	13.856	.01168	.16394	9.3699	3.4957	.05182	2.8303
#3	13.749	.01171	.15163	9.3301	3.6036	.05286	2.8789

Sample Name: K3531-03 Acquired: 6/27/2019 14:45:04 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-GF-02-043 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16416	8.949	.55902	<.00000	F<.00000
Stddev	.00461	.011	.01035	.21419	1.7563
%RSD	2.8054	.1264	1.8515	172.59	6.2166

#1	.16897	8.961	.56858	.04763	-29.096
#2	.15979	8.946	.54803	-.05583	-26.233
#3	.16374	8.939	.56046	-.36411	-29.427

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2959.6	33346.	2620.9	33.547	2289.3
Stddev	4.6	78.	43.7	1.369	5.1
%RSD	.15411	.23434	1.6690	4.0817	.22087

#1	2961.4	33386.	2580.4	32.751	2293.4
#2	2954.4	33255.	2667.3	35.128	2283.7
#3	2963.0	33395.	2615.1	32.762	2290.9

Sample Name: K3533-01 Acquired: 6/27/2019 14:49:29 Type: Unk
Method: P4-ICP2(v3237) 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	.04804	.00494	.85510	.01288	.00645	116.52	.94418
Stddev	.00360	.00108	.00153	.00249	.00134	.49	.00213
%RSD	7.4891	21.885	.17893	19.318	20.837	.41756	.22525

#1	.04389	.00527	.85681	.01132	.00779	117.07	.94654
#2	.05036	.00374	.85460	.01158	.00510	116.36	.94359
#3	.04985	.00582	.85388	.01575	.00647	116.13	.94241

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01205	.00291	25.905	.22269	.16162	.42605	231.33
Stddev	.00022	.00016	.090	.00055	.00018	.00036	1.28
%RSD	1.8263	5.5538	.34863	.24508	.11338	.08433	.55459

#1	.01209	.00297	25.995	.22331	.16163	.42564	231.97
#2	.01182	.00272	25.814	.22246	.16180	.42619	229.85
#3	.01225	.00303	25.907	.22230	.16143	.42632	232.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0908	55.579	.77726	-.01614	3.6384	.31670	1.1283
Stddev	.0150	.508	.00130	.00025	.0065	.00236	.0048
%RSD	.29456	.91483	.16789	1.5630	.17979	.74437	.42278

#1	5.1013	55.916	.77778	-.01620	3.6411	.31545	1.1338
#2	5.0974	55.827	.77577	-.01586	3.6432	.31524	1.1263
#3	5.0736	54.994	.77822	-.01635	3.6310	.31942	1.1249

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.496	.00482	.32525	2.6683	1.6443	.12455	2.0320
Stddev	.040	.00043	.01951	.0075	.0189	.00048	.0052
%RSD	.31675	9.0050	5.9984	.28275	1.1473	.38802	.25705

#1	12.539	.00508	.33729	2.6757	1.6421	.12489	2.0297
#2	12.487	.00432	.30274	2.6606	1.6266	.12400	2.0283
#3	12.461	.00505	.33572	2.6684	1.6642	.12477	2.0380

Sample Name: K3533-01 Acquired: 6/27/2019 14:49:29 Type: Unk
Method: P4-ICP2(v3237) 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	.19595	5.857	-.07781	<.00000	F<.00000
Stddev	.00432	.015	.00146	.14687	2.4391
%RSD	2.2035	.2621	1.8788	12.908	6.6928
#1	.20072	5.875	-.07797	-1.0914	-34.483
#2	.19483	5.848	-.07628	-1.0198	-39.175
#3	.19231	5.849	-.07919	-1.3023	-35.673
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3069.8	34457.	2636.0	33.832	2407.5
Stddev	3.5	107.	17.5	.771	9.0
%RSD	.11409	.30954	.66394	2.2791	.37278
#1	3066.8	34340.	2622.3	32.943	2397.2
#2	3073.6	34548.	2655.7	34.315	2413.8
#3	3069.0	34484.	2630.0	34.238	2411.4

Sample Name: CCV04 Acquired: 6/27/2019 14:53:57 Type: Unk
Method: P4-ICP2(v3237) 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	4.9620	5.0733	4.9236	5.0006	4.9533	9.4385	9.9319	.25163
Stddev	.0046	.0077	.0110	.0121	.0076	.0485	.0257	.00082
%RSD	.09163	.15160	.22252	.24232	.15338	.51374	.25845	.32687
#1	4.9670	5.0645	4.9358	4.9896	4.9449	9.3842	9.9118	.25192
#2	4.9608	5.0770	4.9146	5.0136	4.9597	9.4777	9.9231	.25070
#3	4.9581	5.0785	4.9203	4.9985	4.9552	9.4534	9.9609	.25226
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4804	24.766	.98487	2.4784	1.2401	4.9890	2.5212	24.322
Stddev	.0007	.168	.00216	.0005	.0011	.0153	.0022	.314
%RSD	.02998	.67654	.21925	.01902	.09112	.30607	.08927	1.2914
#1	2.4796	24.606	.98725	2.4787	1.2414	5.0066	2.5233	24.049
#2	2.4811	24.940	.98305	2.4778	1.2393	4.9796	2.5188	24.252
#3	2.4806	24.752	.98430	2.4786	1.2396	4.9807	2.5216	24.666
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4829	1.2346	24.586	2.4851	2.4698	24.881	5.0150	5.0122
Stddev	.0037	.0021	.065	.0022	.0005	.067	.0029	.0462
%RSD	.15031	.16922	.26247	.08681	.01952	.26892	.05837	.92213
#1	2.4844	1.2369	24.535	2.4832	2.4704	24.825	5.0180	4.9589
#2	2.4857	1.2339	24.564	2.4846	2.4695	24.862	5.0122	5.0366
#3	2.4787	1.2329	24.659	2.4875	2.4696	24.955	5.0149	5.0411
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0028	4.8506	4.9443	4.9263	4.7503	5.186	5.2521	F 4.1598
Stddev	.0155	.0200	.0084	.0114	.0304	.004	.0114	.0770
%RSD	.30905	.41343	.17058	.23176	.64089	.0808	.21627	1.8510
#1	4.9927	4.8737	4.9445	4.9161	4.7854	5.183	5.2642	4.1153
#2	4.9951	4.8376	4.9358	4.9386	4.7305	5.186	5.2417	4.1153
#3	5.0206	4.8405	4.9527	4.9242	4.7351	5.191	5.2504	4.2487

Sample Name: CCV04 Acquired: 6/27/2019 14:53:57 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.2043
 Stddev .8661
 %RSD 27.028

#1 2.2551
 #2 3.9514
 #3 3.4064

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2451.5	27679.	2104.5	32.312	2470.1
Stddev	7.7	120.	18.1	1.039	5.7
%RSD	.31542	.43413	.85839	3.2152	.23058

#1	2445.3	27547.	2085.2	31.166	2465.8
#2	2449.0	27707.	2107.6	32.576	2468.0
#3	2460.2	27782.	2120.9	33.193	2476.6

Sample Name: CCB04 Acquired: 6/27/2019 14:57:55 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	.00025	-.00054	.00136	-.00296	-.00754	.00218	.00005
Stddev	.00191	.00068	.00063	.00217	.00075	.01290	.00077	.00006
%RSD	409.89	273.31	115.85	159.96	25.304	170.99	35.455	127.62
#1	.00265	.00087	.00012	.00012	-.00215	-.02243	.00130	.00007
#2	-.00035	.00036	-.00113	.00387	-.00362	-.00039	.00247	.00009
#3	-.00090	-.00048	-.00061	.00009	-.00312	.00020	.00276	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.01040	.00041	-.00023	-.00067	.00085	-.00000	-.05931
Stddev	.00008	.01997	.00065	.00017	.00044	.00033	.00006	.05251
%RSD	2128.5	191.91	156.18	73.948	65.465	38.867	9406.9	88.542
#1	-.00003	-.02080	.00112	-.00011	-.00079	.00049	.00007	-.11994
#2	-.00007	-.02303	-.00015	-.00042	-.00103	.00094	-.00004	-.02840
#3	.00009	.01262	.00027	-.00015	-.00018	.00113	-.00003	-.02959
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	-.00061	.03958	-.00009	-.00019	-.02610	.00019	.01725
Stddev	.00068	.00021	.00396	.00033	.00021	.02887	.00045	.01483
%RSD	96.331	34.829	9.9958	391.56	113.52	110.59	233.86	85.959
#1	.00111	-.00074	.03757	.00018	.00002	.00372	.00051	.02501
#2	-.00008	-.00037	.04414	-.00046	-.00041	-.05391	.00039	.02659
#3	.00109	-.00073	.03704	.00002	-.00018	-.02812	-.00032	.00015
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00121	.00365	.00050	.00202	-.00283	-.0048	-.00015	F 3.1929
Stddev	.00547	.00213	.00089	.00012	.00447	.0007	.00015	.1904
%RSD	452.05	58.492	178.22	6.1853	157.99	15.66	101.63	5.9645
#1	-.00419	.00256	.00085	.00188	-.00277	-.0048	-.00004	3.4045
#2	.00106	.00611	.00116	.00209	-.00732	-.0055	-.00008	3.0353
#3	.00676	.00228	-.00051	.00209	.00161	-.0040	-.00033	3.1389

Sample Name: CCB04 Acquired: 6/27/2019 14:57:55 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2685
Stddev	1.1760
%RSD	92.705

#1	.53044
#2	.65044
#3	2.6246

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2530.1	28665.	2109.0	34.539	2775.0
Stddev	1.6	343.	8.7	.745	2.9
%RSD	.06499	1.1958	.41264	2.1562	.10551

#1	2531.3	28420.	2101.4	34.332	2772.0
#2	2528.2	29056.	2107.1	33.920	2777.8
#3	2530.8	28518.	2118.5	35.366	2775.3

Sample Name: K3534-01 Acquired: 6/27/2019 15:02:23 Type: Unk
Method: P4-ICP2(v3237) 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	.07411	.00759	.09190	.01270	-.00196	58.222	.11869
Stddev	.00172	.00202	.00040	.00312	.00127	.233	.00002
%RSD	2.3166	26.656	.43178	24.596	64.708	.39947	.01721

#1	.07418	.00850	.09209	.01221	-.00337	58.125	.11870
#2	.07235	.00901	.09144	.00984	-.00093	58.487	.11870
#3	.07579	.00528	.09216	.01603	-.00158	58.054	.11866

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00258	-.00281	25.975	.22822	.00454	.09510	140.76
Stddev	.00009	.00004	.087	.00068	.00010	.00081	.22
%RSD	3.2979	1.4754	.33593	.29730	2.1968	.85276	.15893

#1	.00255	-.00277	26.061	.22759	.00465	.09591	140.59
#2	.00268	-.00280	25.979	.22812	.00447	.09429	141.02
#3	.00251	-.00285	25.886	.22894	.00449	.09509	140.68

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30713	3.5241	.00940	-.00702	1.6256	.35462	.17348
Stddev	.00062	.0471	.00035	.00029	.0242	.00134	.00117
%RSD	.20165	1.3364	3.7397	4.1357	1.4904	.37771	.67226

#1	.30705	3.5044	.00900	-.00734	1.5978	.35394	.17474
#2	.30779	3.5779	.00967	-.00694	1.6416	.35375	.17243
#3	.30656	3.4901	.00952	-.00677	1.6376	.35616	.17328

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2358	.00597	.12540	3.6030	1.5594	.00963	.44674
Stddev	.0285	.00012	.00804	.0054	.0211	.00015	.00402
%RSD	.88140	2.0206	6.4081	.14955	1.3565	1.6037	.89947

#1	3.2044	.00603	.13369	3.6068	1.5716	.00946	.44253
#2	3.2430	.00605	.11765	3.5968	1.5350	.00968	.45054
#3	3.2601	.00583	.12487	3.6053	1.5717	.00976	.44715

Sample Name: K3534-01 Acquired: 6/27/2019 15:02:23 Type: Unk
 Method: P4-ICP2(v3237) 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	.00799	1.784	-.03974	1.2567	F<.00000
Stddev	.00099	.006	.00036	.1479	.72615
%RSD	12.439	.3481	.91848	11.772	4.8610
#1	.00695	1.786	-.04008	1.3478	-15.668
#2	.00894	1.777	-.03979	1.3363	-14.931
#3	.00807	1.789	-.03935	1.0860	-14.215
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2842.5	32144.	2438.0	36.033	2603.8
Stddev	19.4	91.	16.0	.533	14.4
%RSD	.68215	.28272	.65595	1.4792	.55201
#1	2820.3	32126.	2420.3	35.708	2587.2
#2	2855.9	32064.	2451.3	36.648	2612.7
#3	2851.4	32243.	2442.5	35.743	2611.5

Sample Name: PB120982BL Acquired: 6/27/2019 15:06:48 Type: Unk
Method: P4-ICP2(v3237) 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	-.00108	.00017	-.00175	-.00301	-.00386	-.01240	.00274
Stddev	.00315	.00071	.00039	.00221	.00034	.01829	.00034
%RSD	291.19	416.71	22.146	73.459	8.7728	147.42	12.547

#1	-.00272	.00037	-.00160	-.00257	-.00350	.00148	.00312
#2	.00255	-.00061	-.00218	-.00105	-.00391	-.03312	.00245
#3	-.00308	.00076	-.00145	-.00541	-.00417	-.00557	.00265

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00007	.00565	.00050	-.00030	-.00084	.00344
Stddev	.00001	.00005	.00929	.00033	.00018	.00064	.00003
%RSD	63.205	73.028	164.42	65.444	61.531	76.328	.77372

#1	.00001	.00007	.00716	.00022	-.00032	-.00021	.00342
#2	.00001	.00012	.01409	.00043	-.00011	-.00081	.00347
#3	.00004	.00002	-.00430	.00086	-.00047	-.00150	.00343

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.09977	.00123	-.00045	.02722	-.00098	.00459
Stddev	.00003	.08999	.00030	.00031	.01035	.00029	.00002
%RSD	54.476	90.191	24.078	67.632	38.018	29.434	.33449

#1	.00003	-.19354	.00155	-.00050	.03736	-.00099	.00461
#2	.00009	-.01412	.00117	-.00073	.01668	-.00069	.00458
#3	.00004	-.09165	.00096	-.00013	.02763	-.00127	.00459

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02552	-.00044	.02497	.00492	.00361	-.00042	.00145
Stddev	.06163	.00017	.00568	.00152	.00246	.00015	.00058
%RSD	241.55	38.840	22.729	30.779	68.075	35.228	39.906

#1	-.09417	-.00059	.02977	.00500	.00604	-.00042	.00092
#2	.02504	-.00026	.02644	.00337	.00113	-.00056	.00207
#3	-.00742	-.00046	.01871	.00640	.00365	-.00027	.00135

Sample Name: PB120982BL Acquired: 6/27/2019 15:06:48 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00329	-.0041	.00013	F 3.4848	F<.00000
Stddev	.00067	.0011	.00006	.1891	1.0700
%RSD	20.264	26.86	43.985	5.4274	104.85

#1	-.00261	-.0052	.00006	3.5729	-1.8595
#2	-.00331	-.0041	.00016	3.6138	.18445
#3	-.00394	-.0030	.00016	3.2677	-1.3866

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2490.0	28541.	2105.5	34.873	2740.1
Stddev	4.9	95.	11.5	.275	2.5
%RSD	.19570	.33457	.54503	.78720	.09238

#1	2489.2	28432.	2092.6	34.827	2737.5
#2	2485.7	28582.	2109.5	34.625	2742.5
#3	2495.3	28609.	2114.5	35.168	2740.3

Sample Name: PB120982BS Acquired: 6/27/2019 15:11:15 Type: Unk
Method: P4-ICP2(v3237) 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	.75473	1.9977	.95104	1.9156	.77945	1.8936	.20826
Stddev	.00179	.0004	.00220	.0051	.00209	.0344	.00210
%RSD	.23721	.02094	.23121	.26854	.26791	1.8168	1.0064

#1	.75658	1.9976	.94860	1.9167	.78171	1.8699	.20607
#2	.75462	1.9974	.95288	1.9201	.77904	1.9331	.21024
#3	.75300	1.9982	.95163	1.9100	.77760	1.8778	.20847

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19428	.18720	1.0562	.41585	.19730	.31518	3.1374
Stddev	.00035	.00027	.0103	.00079	.00040	.00019	.0082
%RSD	.18099	.14537	.97327	.18930	.20396	.05877	.26248

#1	.19426	.18729	1.0566	.41607	.19775	.31506	3.1434
#2	.19464	.18741	1.0457	.41497	.19699	.31539	3.1280
#3	.19393	.18689	1.0662	.41650	.19715	.31508	3.1408

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21288	1.9036	.49428	.07190	3.0494	.31447	.19745
Stddev	.00055	.0234	.00076	.00068	.0103	.00046	.00022
%RSD	.25671	1.2309	.15462	.93920	.33761	.14495	.11146

#1	.21348	1.9259	.49458	.07150	3.0375	.31496	.19724
#2	.21240	1.8792	.49485	.07152	3.0545	.31440	.19744
#3	.21277	1.9057	.49341	.07268	3.0561	.31406	.19768

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9137	.41933	.31552	F -.00143	.88477	.67675	.20322
Stddev	.1321	.00053	.01523	.00257	.00982	.00091	.00258
%RSD	1.3326	.12679	4.8270	179.25	1.1099	.13506	1.2692

#1	9.7906	.41896	.32922	.00153	.89495	.67776	.20447
#2	9.8970	.41994	.29912	-.00305	.87535	.67598	.20025
#3	10.053	.41910	.31823	-.00277	.88402	.67649	.20493

Sample Name: PB120982BS Acquired: 6/27/2019 15:11:15 Type: Unk
Method: P4-ICP2(v3237) 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	.20203	5.621	F .25730	F 3.7090	F<.00000
Stddev	.00063	.014	.00088	.1047	1.1862
%RSD	.31391	.2413	.34077	2.8240	39.376
#1	.20251	5.628	.25650	3.5951	-3.4745
#2	.20227	5.630	.25718	3.7306	-3.8983
#3	.20131	5.606	.25824	3.8012	-1.6648
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2500.0	28436.	2092.5	35.373	2710.8
Stddev	6.3	94.	15.7	1.224	7.4
%RSD	.25160	.33178	.75046	3.4613	.27220
#1	2494.4	28327.	2075.3	34.270	2704.9
#2	2498.7	28493.	2096.4	36.691	2708.5
#3	2506.8	28489.	2105.9	35.159	2719.1

Sample Name: PB120982TB Acquired: 6/27/2019 15:15:22 Type: Unk
Method: P4-ICP2(v3237) 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	-.00204	-.00243	.00231	.00028	-.00145	-.00797	.00115	.00015
Stddev	.00201	.00176	.00049	.00265	.00117	.02544	.00040	.00001
%RSD	98.580	72.197	21.053	942.37	80.531	319.29	35.217	8.9444
#1	-.00426	-.00362	.00192	.00333	-.00102	.00263	.00156	.00014
#2	-.00155	-.00326	.00216	-.00144	-.00056	-.03699	.00075	.00014
#3	-.00032	-.00042	.00286	-.00105	-.00277	.01046	.00113	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.03273	.00105	-.00034	-.00095	.00487	.00036	-.00757
Stddev	.00007	.00512	.00026	.00012	.00018	.00061	.00004	.06670
%RSD	97.367	15.637	25.011	34.572	18.957	12.437	11.139	880.73
#1	-.00005	.03583	.00134	-.00026	-.00106	.00466	.00033	-.08253
#2	-.00016	.03555	.00084	-.00047	-.00074	.00439	.00034	.04521
#3	-.00002	.02683	.00095	-.00028	-.00104	.00555	.00040	.01460
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00201	.00225	F 389.72	-.00056	.01275	.02610	-.00042	.02683
Stddev	.00053	.00045	6.50	.00019	.00009	.02980	.00027	.02363
%RSD	26.347	19.783	1.6689	32.770	.74433	114.16	64.165	88.071
#1	.00248	.00228	382.66	-.00039	.01285	.05757	-.00036	.00021
#2	.00213	.00179	391.01	-.00076	.01273	.02243	-.00072	.03494
#3	.00143	.00268	395.48	-.00055	.01266	-.00169	-.00019	.04534
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01370	.00611	.00096	.00202	-.00157	-.0021	.00015	4.1242
Stddev	.00072	.00242	.00051	.00345	.00112	.0006	.00017	.2041
%RSD	5.2252	39.565	53.243	171.24	71.310	26.53	114.69	4.9487
#1	.01350	.00698	.00065	-.00190	-.00275	-.0027	.00035	3.9136
#2	.01450	.00797	.00068	.00332	-.00145	-.0016	.00003	4.3211
#3	.01311	.00338	.00155	.00463	-.00052	-.0020	.00007	4.1380

Sample Name: PB120982TB Acquired: 6/27/2019 15:15:22 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.9460
Stddev	1.3630
%RSD	17.153

#1	6.5598
#2	7.9937
#3	9.2845

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2373.1	26705.	2107.1	33.534	2384.4
Stddev	9.4	121.	18.2	2.101	7.3
%RSD	.39444	.45211	.86174	6.2655	.30820

#1	2372.5	26841.	2099.6	31.130	2389.6
#2	2382.8	26612.	2093.9	34.457	2387.5
#3	2364.1	26663.	2127.8	35.016	2376.0

Sample Name: PB120983BL Acquired: 6/27/2019 15:19:57 Type: Unk
Method: P4-ICP2(v3237) 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	-.00110	-.00113	-.00243	-.00259	-.00321	-.02116	.00232
Stddev	.00205	.00238	.00095	.00191	.00196	.00449	.00106
%RSD	185.78	210.56	39.224	73.828	60.840	21.236	45.836

#1	-.00347	-.00220	-.00172	-.00351	-.00267	-.02634	.00198
#2	.00006	.00160	-.00206	-.00387	-.00539	-.01836	.00351
#3	.00010	-.00278	-.00351	-.00039	-.00159	-.01877	.00147

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00001	.00576	.00092	-.00036	-.00102	.00100
Stddev	.00007	.00007	.01235	.00037	.00023	.00011	.00029
%RSD	788.31	846.45	214.63	39.925	64.304	10.535	29.234

#1	-.00008	.00009	.01517	.00103	-.00024	-.00111	.00107
#2	.00001	-.00005	-.00823	.00051	-.00022	-.00090	.00126
#3	.00005	-.00001	.01032	.00122	-.00063	-.00105	.00068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.11157	.00129	-.00098	.12326	-.00048	.00730
Stddev	.00002	.05933	.00027	.00047	.01649	.00045	.00017
%RSD	9.9207	53.175	20.541	48.043	13.382	93.005	2.3464

#1	.00026	-.04876	.00126	-.00044	.11914	-.00027	.00724
#2	.00023	-.16665	.00157	-.00122	.14143	-.00099	.00749
#3	.00021	-.11929	.00104	-.00128	.10922	-.00018	.00716

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01152	-.00041	.01245	-.00039	-.00156	-.00007	.00266
Stddev	.05498	.00024	.01544	.00330	.00456	.00103	.00188
%RSD	477.19	59.508	124.06	856.44	293.23	1453.2	70.648

#1	-.05029	-.00023	-.00390	.00175	.00317	-.00119	.00107
#2	.02986	-.00031	.01445	-.00418	-.00190	.00085	.00217
#3	.05499	-.00068	.02679	.00128	-.00594	.00012	.00473

Sample Name: PB120983BL Acquired: 6/27/2019 15:19:57 Type: Unk
 Method: P4-ICP2(v3237) 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	-.00119	-.0023	-.00005	F 3.3585	F<.00000
Stddev	.00126	.0014	.00002	.0277	.50863
%RSD	105.43	62.67	39.145	.82563	41.903

#1	-.00007	-.0015	-.00007	3.3644	-1.4678
#2	-.00255	-.0014	-.00005	3.3283	-.62821
#3	-.00095	-.0039	-.00003	3.3828	-1.5454

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2494.1	28322.	2101.4	33.804	2742.5
Stddev	1.8	70.	7.2	.512	1.7
%RSD	.07123	.24639	.34437	1.5140	.06244

#1	2492.5	28258.	2094.4	33.980	2740.7
#2	2496.0	28397.	2101.0	34.205	2742.6
#3	2493.9	28312.	2108.8	33.227	2744.1

Sample Name: PB120983BS Acquired: 6/27/2019 15:24:24 Type: Unk
Method: P4-ICP2(v3237) 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	.72819	1.9102	.92283	1.8448	.75879	1.8333	.20142
Stddev	.00378	.0013	.00294	.0063	.00196	.0057	.00143
%RSD	.51867	.06829	.31808	.34412	.25820	.31391	.71242

#1	.73222	1.9088	.92606	1.8412	.76104	1.8270	.20006
#2	.72473	1.9105	.92033	1.8411	.75748	1.8345	.20128
#3	.72763	1.9114	.92209	1.8521	.75784	1.8383	.20292

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18852	.18126	1.0530	.40370	.19075	.30546	3.0451
Stddev	.00026	.00034	.0271	.00175	.00042	.00208	.0068
%RSD	.13785	.18923	2.5767	.43350	.21763	.68220	.22301

#1	.18873	.18125	1.0826	.40438	.19120	.30786	3.0529
#2	.18861	.18161	1.0293	.40500	.19039	.30410	3.0408
#3	.18823	.18092	1.0471	.40171	.19064	.30443	3.0415

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20616	1.8714	.47838	.06879	2.9870	.30549	.18688
Stddev	.00058	.0564	.00070	.00104	.0138	.00074	.00049
%RSD	.28055	3.0136	.14588	1.5087	.46334	.24097	.26455

#1	.20610	1.8135	.47864	.06892	2.9723	.30519	.18744
#2	.20561	1.8744	.47890	.06975	2.9887	.30496	.18667
#3	.20676	1.9262	.47758	.06769	2.9998	.30633	.18652

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7321	.40843	.30611	F -.00064	.87519	.65714	.20246
Stddev	.0170	.00172	.00778	.00554	.01929	.00184	.00555
%RSD	.17495	.42186	2.5426	866.46	2.2046	.27972	2.7421

#1	9.7386	.41038	.31242	-.00489	.86767	.65863	.19660
#2	9.7127	.40711	.29742	-.00264	.89712	.65509	.20764
#3	9.7448	.40781	.30851	.00562	.86079	.65771	.20313

Sample Name: PB120983BS Acquired: 6/27/2019 15:24:24 Type: Unk
Method: P4-ICP2(v3237) 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	.19774	5.406	F .25095	F 3.6328	F<.00000
Stddev	.00370	.010	.00340	.1211	.25187
%RSD	1.8735	.1798	1.3565	3.3332	10.238
#1	.19540	5.417	.24856	3.5438	-2.2782
#2	.20202	5.398	.25485	3.5840	-2.3545
#3	.19581	5.403	.24945	3.7707	-2.7476
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2485.9	28169.	2069.6	34.273	2698.4
Stddev	12.0	97.	25.6	1.031	9.2
%RSD	.48265	.34444	1.2353	3.0083	.33918
#1	2472.4	28066.	2067.7	33.227	2687.9
#2	2495.4	28184.	2045.1	34.305	2704.7
#3	2489.9	28258.	2096.1	35.289	2702.6

Sample Name: PB120983TB Acquired: 6/27/2019 15:28:31 Type: Unk
Method: P4-ICP2(v3237) 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	-.00178	-.00110	.00246	.00167	-.00246	-.01366	.00209	.00002
Stddev	.00339	.00140	.00071	.00426	.00297	.00700	.00113	.00007
%RSD	190.06	127.49	28.934	254.73	120.58	51.219	54.198	312.98
#1	-.00343	.00035	.00328	.00649	-.00586	-.01667	.00183	-.00005
#2	.00211	-.00244	.00213	.00015	-.00112	-.01865	.00111	.00002
#3	-.00403	-.00121	.00198	-.00162	-.00040	-.00566	.00333	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	-.00051	.00110	-.00041	-.00083	.00301	.00031	-.04161
Stddev	.00004	.02096	.00019	.00008	.00012	.00017	.00008	.07208
%RSD	16.536	4080.8	17.092	18.802	14.904	5.7408	26.664	173.21
#1	-.00020	.00413	.00111	-.00040	-.00069	.00313	.00034	.01954
#2	-.00021	.01773	.00091	-.00049	-.00090	.00309	.00021	-.02330
#3	-.00028	-.02340	.00129	-.00034	-.00090	.00281	.00037	-.12108
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00173	.00156	F 382.36	-.00033	.00779	.06225	-.00029	.02009
Stddev	.00026	.00036	1.77	.00050	.00006	.05232	.00018	.01158
%RSD	15.059	23.092	.46405	154.85	.77397	84.052	62.378	57.655
#1	.00160	.00115	381.40	.00018	.00778	.10787	-.00009	.01754
#2	.00157	.00180	384.41	-.00034	.00773	.00514	-.00044	.00999
#3	.00203	.00174	381.27	-.00082	.00785	.07373	-.00034	.03273
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01278	.00467	.00149	.00402	-.00194	-.0024	.00008	4.3503
Stddev	.00266	.00103	.00088	.00157	.00297	.0015	.00012	.0936
%RSD	20.850	21.994	58.891	39.189	153.36	65.37	162.90	2.1516
#1	.01557	.00467	.00168	.00260	-.00010	-.0008	.00003	4.4113
#2	.01026	.00570	.00226	.00571	-.00537	-.0024	-.00002	4.3971
#3	.01252	.00364	.00053	.00373	-.00034	-.0039	.00021	4.2426

Sample Name: PB120983TB Acquired: 6/27/2019 15:28:31 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.0452
Stddev .5920
%RSD 6.5455

#1 9.6851
#2 8.9334
#3 8.5169

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2372.0	26678.	2088.8	33.372	2383.8
Stddev	7.7	167.	15.3	.271	9.6
%RSD	.32387	.62518	.73331	.81203	.40347

#1	2379.4	26596.	2090.9	33.652	2393.5
#2	2372.4	26567.	2072.6	33.352	2383.7
#3	2364.1	26870.	2103.1	33.111	2374.3

Sample Name: K3552-01 Acquired: 6/27/2019 15:37:50 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03011	-.02082	.12988	.00687	.00566	238.99	.98699
Stddev	.00269	.00416	.00168	.00138	.00151	.28	.00153
%RSD	8.9426	19.962	1.2956	20.037	26.649	.11898	.15485

#1	.02966	-.01737	.12969	.00532	.00427	239.31	.98523
#2	.03300	-.01965	.12830	.00734	.00727	238.77	.98799
#3	.02767	-.02543	.13165	.00795	.00545	238.89	.98775

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01915	.01097	4.5198	.11812	.15924	.18007	226.49
Stddev	.00021	.00015	.0097	.00059	.00101	.00189	1.15
%RSD	1.0879	1.3578	.21410	.49813	.63475	1.0493	.50726

#1	.01937	.01081	4.5149	.11849	.15811	.17901	227.81
#2	.01896	.01099	4.5309	.11842	.16006	.17894	226.01
#3	.01913	.01110	4.5135	.11744	.15955	.18225	225.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1808	24.891	.15267	-.02325	1.6626	.30988	1.1164
Stddev	.0361	.147	.00013	.00053	.0117	.00268	.0054
%RSD	.69607	.59162	.08358	2.2583	.70370	.86636	.48121

#1	5.2220	24.773	.15263	-.02266	1.6496	.30920	1.1138
#2	5.1548	25.056	.15282	-.02340	1.6657	.31284	1.1226
#3	5.1655	24.843	.15257	-.02368	1.6724	.30760	1.1128

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3614	.00358	.11563	1.1778	5.0823	.03898	5.1460
Stddev	.0310	.00010	.00769	.0051	.0256	.00024	.0188
%RSD	.42097	2.8163	6.6544	.43543	.50295	.60663	.36458

#1	7.3562	.00363	.12283	1.1744	5.0849	.03900	5.1265
#2	7.3947	.00364	.10752	1.1837	5.1064	.03920	5.1640
#3	7.3334	.00346	.11653	1.1753	5.0555	.03873	5.1474

Sample Name: K3552-01 Acquired: 6/27/2019 15:37:50 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08397	7.381	-.14753	<.00000	F<.00000
Stddev	.00013	.022	.00135	.15226	.36751
%RSD	.15846	.2937	.91554	2.1362	.60174
#1	.08383	7.358	-.14909	-7.1089	-60.674
#2	.08409	7.383	-.14668	-7.2883	-61.396
#3	.08401	7.401	-.14682	-6.9855	-61.155
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4117.1	46013.	3558.3	33.013	2402.0
Stddev	7.9	97.	10.4	1.339	6.2
%RSD	.19273	.21177	.29356	4.0560	.26019
#1	4121.9	45904.	3548.7	34.213	2403.9
#2	4121.5	46046.	3569.4	33.256	2395.0
#3	4108.0	46091.	3556.7	31.569	2407.0

Sample Name: K3552-03 Acquired: 6/27/2019 15:42:25 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01757	-.03926	.15745	-.00455	.00453	211.23	.76410
Stddev	.00129	.00203	.00160	.00093	.00082	1.17	.00684
%RSD	7.3382	5.1774	1.0193	20.361	18.226	.55552	.89477

#1	.01890	-.03693	.15570	-.00561	.00429	209.88	.75647
#2	.01633	-.04066	.15887	-.00413	.00385	211.84	.76967
#3	.01746	-.04019	.15777	-.00391	.00544	211.97	.76617

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02121	.03499	3.7383	.24950	.35094	.24194	244.19
Stddev	.00010	.00015	.0055	.00045	.00065	.00105	1.03
%RSD	.47546	.43129	.14618	.18056	.18509	.43273	.42247

#1	.02131	.03516	3.7354	.24900	.35037	.24255	243.22
#2	.02111	.03487	3.7350	.24989	.35079	.24073	245.28
#3	.02119	.03493	3.7446	.24960	.35165	.24253	244.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5123	28.257	.26516	-.03224	1.2249	.50302	1.1641
Stddev	.0025	.269	.00031	.00040	.0064	.00137	.0019
%RSD	.05533	.95067	.11551	1.2429	.52027	.27231	.16693

#1	4.5099	27.948	.26494	-.03270	1.2176	.50455	1.1626
#2	4.5123	28.427	.26551	-.03194	1.2276	.50190	1.1663
#3	4.5149	28.397	.26504	-.03208	1.2294	.50262	1.1633

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2670	.00248	.10727	2.2739	3.1910	.05848	5.5569
Stddev	.0665	.00004	.00886	.0041	.0244	.00119	.0077
%RSD	.91550	1.6602	8.2618	.18017	.76508	2.0281	.13896

#1	7.1924	.00243	.10143	2.2729	3.1917	.05892	5.5523
#2	7.3202	.00252	.11747	2.2784	3.2151	.05714	5.5525
#3	7.2883	.00248	.10291	2.2704	3.1663	.05939	5.5658

Sample Name: K3552-03 Acquired: 6/27/2019 15:42:25 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08394	F 10.87	-.20446	<.00000	F<.00000
Stddev	.00042	.02	.00118	.36743	1.7440
%RSD	.50302	.2002	.57658	2.1736	1.3512
#1	.08442	10.90	-.20373	-16.664	-130.33
#2	.08379	10.85	-.20582	-17.327	-127.08
#3	.08362	10.87	-.20382	-16.721	-129.80
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5393.4	60257.	4721.9	33.181	2261.1
Stddev	6.7	53.	34.5	1.307	3.6
%RSD	.12470	.08770	.73022	3.9390	.15946
#1	5385.8	60311.	4683.2	31.976	2260.6
#2	5398.7	60255.	4749.3	32.996	2257.8
#3	5395.7	60205.	4733.2	34.570	2265.0

Sample Name: K3552-05 Acquired: 6/27/2019 15:47:00 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02641	-.02002	.20578	.00134	.00334	143.64	.62507
Stddev	.00174	.00337	.00374	.00209	.00053	.79	.00297
%RSD	6.6079	16.829	1.8196	155.62	15.845	.55018	.47493

#1	.02832	-.01633	.20834	.00091	.00368	142.74	.62190
#2	.02491	-.02294	.20753	.00362	.00273	144.22	.62777
#3	.02598	-.02077	.20149	-.00049	.00361	143.95	.62555

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01562	.01974	4.0980	.07805	.14992	.14220	202.75
Stddev	.00023	.00019	.0202	.00040	.00023	.00015	.69
%RSD	1.4409	.97052	.49371	.50954	.15473	.10208	.34089

#1	.01570	.01954	4.1072	.07764	.14986	.14204	203.35
#2	.01580	.01975	4.1119	.07807	.15017	.14224	202.90
#3	.01537	.01992	4.0748	.07844	.14972	.14232	201.99

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5346	23.670	.13275	-.02260	1.2064	.24819	1.0310
Stddev	.0061	.181	.00055	.00016	.0197	.00035	.0017
%RSD	.13502	.76473	.41721	.69954	1.6311	.14202	.16561

#1	4.5280	23.624	.13216	-.02251	1.1953	.24779	1.0302
#2	4.5401	23.869	.13285	-.02279	1.2291	.24843	1.0330
#3	4.5356	23.516	.13326	-.02251	1.1947	.24836	1.0300

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9594	.00437	.10357	1.4558	3.1895	.03639	3.5972
Stddev	.0442	.00023	.01035	.0098	.0405	.00085	.0037
%RSD	.74101	5.2697	9.9962	.67589	1.2688	2.3417	.10339

#1	5.9871	.00418	.09238	1.4445	3.2016	.03586	3.6004
#2	5.9826	.00431	.11280	1.4616	3.1443	.03737	3.5931
#3	5.9085	.00462	.10553	1.4614	3.2225	.03593	3.5982

Sample Name: K3552-05 Acquired: 6/27/2019 15:47:00 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-3 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06803	8.227	-.15612	<.00000	F<.00000
Stddev	.00077	.012	.00088	.32033	1.2718
%RSD	1.1349	.1452	.56067	2.4562	1.8467
#1	.06807	8.231	-.15694	-12.675	-69.303
#2	.06878	8.214	-.15622	-13.264	-69.864
#3	.06724	8.237	-.15520	-13.187	-67.435
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5040.2	56306.	4355.3	33.559	2380.7
Stddev	9.7	114.	15.0	.267	8.3
%RSD	.19234	.20269	.34405	.79664	.34805
#1	5050.5	56363.	4344.5	33.760	2388.7
#2	5031.3	56174.	4372.4	33.660	2372.2
#3	5038.7	56380.	4349.0	33.255	2381.2

Sample Name: CCV05 Acquired: 6/27/2019 15:51:36 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15193 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0192	5.1378	4.9602	5.0729	5.0033	9.5162	9.9815	.25378
Stddev	.0019	.0024	.0054	.0139	.0052	.0697	.0140	.00061
%RSD	.03800	.04691	.10858	.27402	.10394	.73195	.14040	.24155
#1	5.0203	5.1359	4.9660	5.0587	5.0078	9.4534	9.9715	.25405
#2	5.0170	5.1405	4.9554	5.0864	4.9976	9.5040	9.9755	.25421
#3	5.0202	5.1371	4.9593	5.0736	5.0044	9.5911	9.9975	.25308
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4956	24.980	.99651	2.4988	1.2553	5.0270	2.5351	24.381
Stddev	.0030	.012	.00203	.0038	.0020	.0015	.0032	.104
%RSD	.11846	.04899	.20356	.15327	.15766	.02931	.12760	.42479
#1	2.4990	24.969	.99482	2.5032	1.2565	5.0264	2.5314	24.284
#2	2.4938	24.978	.99594	2.4969	1.2530	5.0259	2.5363	24.490
#3	2.4940	24.993	.99876	2.4964	1.2564	5.0287	2.5375	24.370
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5055	1.2479	24.773	2.5044	2.4807	24.985	5.0677	5.0153
Stddev	.0014	.0047	.091	.0057	.0048	.026	.0047	.0421
%RSD	.05664	.37650	.36745	.22875	.19264	.10354	.09325	.83925
#1	2.5043	1.2530	24.692	2.4984	2.4859	24.994	5.0731	4.9735
#2	2.5052	1.2471	24.756	2.5051	2.4795	24.955	5.0652	5.0577
#3	2.5071	1.2437	24.871	2.5098	2.4766	25.004	5.0648	5.0147
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0639	4.9331	4.9908	4.9756	4.8559	5.264	5.3309	F 3.8965
Stddev	.0063	.0279	.0077	.0027	.0042	.018	.0105	.1088
%RSD	.12419	.56521	.15411	.05527	.08659	.3459	.19654	2.7930
#1	5.0574	4.9635	4.9942	4.9724	4.8522	5.248	5.3395	3.7710
#2	5.0643	4.9272	4.9820	4.9772	4.8550	5.284	5.3339	3.9544
#3	5.0700	4.9086	4.9962	4.9771	4.8605	5.261	5.3192	3.9642

Sample Name: CCV05 Acquired: 6/27/2019 15:51:36 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15193 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3142
Stddev	.4842
%RSD	20.924

#1	2.5318
#2	2.6515
#3	1.7594

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2453.1	27574.	2081.5	32.462	2477.7
Stddev	7.9	20.	8.3	.871	6.8
%RSD	.32252	.07182	.39731	2.6827	.27590

#1	2444.0	27591.	2074.0	32.979	2469.9
#2	2458.2	27579.	2080.3	32.950	2480.4
#3	2457.1	27553.	2090.4	31.456	2482.7

Sample Name: CCB05 Acquired: 6/27/2019 15:55:34 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15193 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	.00003	-.00075	-.00046	-.00164	-.01057	.00228	.00005
Stddev	.00255	.00054	.00145	.00408	.00249	.00926	.00038	.00004
%RSD	137.08	2169.5	193.67	881.19	152.04	87.636	16.534	78.980

#1	-.00090	-.00053	-.00004	.00353	-.00283	-.01890	.00184	.00002
#2	.00413	.00056	-.00242	-.00029	-.00331	-.01221	.00245	.00010
#3	.00236	.00004	.00021	-.00463	.00123	-.00060	.00253	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00211	-.00015	-.00016	-.00063	.00127	-.00008	-.04449
Stddev	.00003	.03961	.00054	.00031	.00005	.00064	.00006	.03858
%RSD	115.52	1877.7	353.75	194.20	7.8076	50.701	79.450	86.721

#1	-.00002	.00839	.00043	.00020	-.00063	.00053	-.00011	-.07945
#2	-.00006	.03821	-.00025	-.00033	-.00067	.00164	-.00011	-.05093
#3	.00000	-.04027	-.00064	-.00034	-.00058	.00163	-.00001	-.00309

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	-.00045	.05229	-.00042	-.00016	-.00317	.00032	F .03984
Stddev	.00035	.00060	.00537	.00043	.00011	.05049	.00058	.00533
%RSD	49.858	133.53	10.264	103.55	71.991	1593.6	178.66	13.374

#1	.00110	-.00079	.04620	-.00019	-.00026	-.05969	.00098	.04592
#2	.00047	-.00080	.05633	-.00091	-.00003	.03747	.00007	.03766
#3	.00053	.00024	.05434	-.00014	-.00018	.01271	-.00008	.03595

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00154	.00315	-.00048	.00193	-.00119	-.0032	-.00008	F 3.1383
Stddev	.00575	.00352	.00042	.00369	.00151	.0013	.00016	.0646
%RSD	372.12	111.82	87.540	191.12	127.67	41.43	189.84	2.0582

#1	.00690	.00073	-.00078	-.00017	-.00146	-.0027	-.00026	3.1638
#2	.00226	.00719	.00000	.00619	-.00254	-.0048	.00005	3.0648
#3	-.00453	.00153	-.00067	-.00023	.00045	-.0023	-.00004	3.1862

Sample Name: CCB05 Acquired: 6/27/2019 15:55:34 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15193 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4624
Stddev	1.2409
%RSD	84.849

#1	.04122
#2	2.3307
#3	2.0154

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2546.0	28540.	2103.6	33.881	2790.9
Stddev	9.1	91.	25.3	.728	7.9
%RSD	.35564	.31961	1.2043	2.1481	.28340

#1	2535.8	28442.	2092.7	34.536	2781.9
#2	2549.2	28623.	2085.7	34.009	2794.5
#3	2553.1	28555.	2132.6	33.098	2796.4

Sample Name: K3552-07 Acquired: 6/27/2019 16:00:02 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02774	-.02022	.11239	.00333	.00406	135.77	.68204
Stddev	.00190	.00181	.00119	.00246	.00084	.86	.00425
%RSD	6.8382	8.9668	1.0562	74.074	20.785	.63432	.62371

#1	.02555	-.01818	.11146	.00285	.00502	134.78	.67713
#2	.02883	-.02164	.11199	.00599	.00343	136.24	.68462
#3	.02885	-.02085	.11373	.00114	.00373	136.30	.68437

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01648	.01749	6.9789	.08893	.20085	.20111	199.27
Stddev	.00016	.00012	.0139	.00007	.00077	.00034	.99
%RSD	.96975	.68320	.19929	.07496	.38140	.17129	.49734

#1	.01630	.01746	6.9940	.08889	.20166	.20143	198.12
#2	.01659	.01738	6.9667	.08889	.20075	.20116	199.90
#3	.01657	.01762	6.9760	.08901	.20013	.20075	199.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8788	20.443	.24547	-.02232	1.5350	.22189	.94391
Stddev	.0144	.105	.00030	.00027	.0040	.00153	.00067
%RSD	.24418	.51577	.12397	1.2131	.26066	.68796	.07138

#1	5.8824	20.330	.24548	-.02263	1.5328	.22218	.94363
#2	5.8911	20.538	.24577	-.02222	1.5396	.22325	.94468
#3	5.8630	20.461	.24516	-.02212	1.5325	.22024	.94342

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7863	.00405	.11211	.61087	3.3743	.03446	3.8900
Stddev	.0453	.00002	.01343	.00771	.0331	.00040	.0131
%RSD	.66784	.57883	11.981	1.2622	.98211	1.1736	.33706

#1	6.7365	.00407	.12746	.60432	3.3808	.03427	3.9001
#2	6.8252	.00405	.10635	.60892	3.3383	.03419	3.8948
#3	6.7973	.00402	.10252	.61936	3.4036	.03493	3.8752

Sample Name: K3552-07 Acquired: 6/27/2019 16:00:02 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-4 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06472	8.453	-.14689	<.00000	F<.00000
Stddev	.00110	.010	.00093	.26808	1.4197
%RSD	1.6954	.1212	.63014	2.1511	2.1662

#1	.06538	8.442	-.14583	-12.720	-65.040
#2	.06345	8.462	-.14739	-12.483	-64.436
#3	.06533	8.454	-.14747	-12.185	-67.141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4881.3	54631.	4191.2	33.285	2403.2
Stddev	10.1	99.	30.0	.723	6.8
%RSD	.20715	.18161	.71674	2.1723	.28153

#1	4890.3	54659.	4156.9	32.490	2410.2
#2	4870.4	54520.	4203.8	33.463	2396.6
#3	4883.3	54713.	4212.8	33.903	2402.9

Sample Name: K3552-09 Acquired: 6/27/2019 16:04:37 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00661	-.04730	.10226	-.00893	.00530	218.07	.95883
Stddev	.00027	.00248	.00597	.00290	.00138	.80	.00535
%RSD	4.1336	5.2481	5.8416	32.525	26.001	.36464	.55772

#1	.00672	-.04894	.09661	-.01212	.00413	217.76	.95406
#2	.00681	-.04853	.10165	-.00822	.00682	217.47	.95782
#3	.00630	-.04445	.10851	-.00645	.00496	218.97	.96461

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02470	.03384	5.8351	.37340	.43917	.30205	271.97
Stddev	.00025	.00063	.0423	.00042	.00547	.00200	1.70
%RSD	.99940	1.8558	.72559	.11334	1.2464	.66306	.62420

#1	.02481	.03314	5.8745	.37343	.43285	.29976	270.74
#2	.02442	.03435	5.7903	.37381	.44246	.30290	273.91
#3	.02487	.03404	5.8405	.37296	.44220	.30349	271.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4145	24.281	.30152	-.03657	1.6601	.67073	.84273
Stddev	.0199	.137	.00417	.00045	.0101	.00180	.01222
%RSD	.36677	.56597	1.3844	1.2201	.60919	.26850	1.4496

#1	5.3924	24.148	.29676	-.03619	1.6515	.66873	.82867
#2	5.4308	24.273	.30322	-.03647	1.6575	.67221	.85076
#3	5.4205	24.423	.30458	-.03706	1.6712	.67125	.84876

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4696	.00149	.09413	1.6514	2.3783	.05887	6.9868
Stddev	.1278	.00005	.00008	.0232	.0585	.00029	.0416
%RSD	1.3499	3.0383	.08037	1.4055	2.4618	.49360	.59566

#1	9.3489	.00147	.09406	1.6266	2.4083	.05860	7.0346
#2	9.4565	.00154	.09421	1.6727	2.4157	.05918	6.9667
#3	9.6035	.00145	.09414	1.6550	2.3108	.05882	6.9590

Sample Name: K3552-09 Acquired: 6/27/2019 16:04:37 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06238	F 12.39	-.19843	<.00000	F<.00000
Stddev	.00046	.14	.00185	.11042	1.6735
%RSD	.74291	1.105	.93308	.74742	1.2133
#1	.06197	12.24	-.19706	-14.853	-136.07
#2	.06229	12.47	-.20053	-14.647	-138.41
#3	.06288	12.47	-.19769	-14.820	-139.32
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4988.8	55509.	4320.8	33.859	2293.4
Stddev	26.8	168.	30.8	1.677	26.4
%RSD	.53663	.30194	.71186	4.9539	1.1518
#1	5019.8	55675.	4293.5	34.354	2323.9
#2	4973.9	55340.	4314.7	31.990	2277.6
#3	4972.9	55513.	4354.1	35.233	2278.7

Sample Name: K3552-11 Acquired: 6/27/2019 16:09:13 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02564	-.01822	.09819	.00751	.00400	218.58	1.2733
Stddev	.00139	.00164	.00187	.00188	.00138	1.10	.0095
%RSD	5.4169	9.0102	1.9040	25.018	34.529	.50162	.74723

#1	.02418	-.01764	.09716	.00800	.00478	218.73	1.2708
#2	.02579	-.02008	.09707	.00543	.00481	217.42	1.2653
#3	.02695	-.01695	.10035	.00910	.00241	219.59	1.2838

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01981	.00867	6.3377	.12347	.16086	.20006	220.49
Stddev	.00037	.00012	.0900	.00051	.00052	.00087	.79
%RSD	1.8772	1.3884	1.4199	.41007	.32393	.43259	.36006

#1	.01939	.00862	6.3300	.12403	.16065	.20100	221.03
#2	.02004	.00881	6.4313	.12304	.16048	.19930	219.58
#3	.02001	.00858	6.2518	.12334	.16146	.19988	220.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4681	25.615	.15246	-.02246	1.6258	.27786	.94021
Stddev	.0155	.232	.00071	.00028	.0236	.00175	.00357
%RSD	.28389	.90714	.46261	1.2534	1.4521	.62920	.37923

#1	5.4803	25.626	.15170	-.02241	1.6105	.27939	.93641
#2	5.4507	25.377	.15258	-.02276	1.6140	.27824	.94348
#3	5.4735	25.841	.15310	-.02220	1.6530	.27596	.94076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7921	.00374	.11681	.71850	4.9727	.03342	5.1108
Stddev	.0452	.00018	.01462	.00739	.0858	.00124	.0117
%RSD	.58004	4.8081	12.514	1.0282	1.7244	3.7044	.22960

#1	7.7828	.00379	.10108	.71010	4.9761	.03262	5.0981
#2	7.7522	.00354	.11938	.72141	5.0567	.03484	5.1212
#3	7.8412	.00388	.12997	.72399	4.8853	.03279	5.1131

Sample Name: K3552-11 Acquired: 6/27/2019 16:09:13 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M-6 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10275	7.943	-.13765	<.00000	F<.00000
Stddev	.00180	.015	.00095	.23703	1.3280
%RSD	1.7564	.1910	.69206	3.9550	2.4105

#1	.10482	7.926	-.13829	-6.2574	-55.626
#2	.10155	7.947	-.13655	-5.7990	-56.066
#3	.10187	7.956	-.13810	-5.9233	-53.578

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3879.2	43121.	3325.0	34.069	2411.1
Stddev	4.2	124.	33.0	1.393	10.2
%RSD	.10941	.28816	.99283	4.0884	.42191

#1	3874.5	42999.	3308.3	33.971	2422.7
#2	3880.2	43248.	3303.6	35.509	2403.6
#3	3882.8	43117.	3363.0	32.728	2407.1

Sample Name: K3552-13 Acquired: 6/27/2019 16:13:48 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00853	-.03713	.10775	-.00749	.00492	207.95	.90254
Stddev	.00244	.00186	.00158	.00104	.00180	1.05	.00489
%RSD	28.586	5.0063	1.4708	13.936	36.550	.50435	.54213

#1	.00573	-.03928	.10784	-.00778	.00531	207.15	.89897
#2	.01018	-.03608	.10612	-.00835	.00648	209.14	.90811
#3	.00968	-.03603	.10929	-.00633	.00296	207.55	.90053

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02186	.02961	5.6081	.29217	.29075	.30231	250.60
Stddev	.00010	.00020	.0290	.00027	.00129	.00153	.38
%RSD	.45571	.67508	.51770	.09119	.44210	.50670	.15353

#1	.02197	.02975	5.6007	.29247	.29222	.30284	250.19
#2	.02184	.02971	5.5834	.29209	.28983	.30058	250.96
#3	.02177	.02938	5.6401	.29196	.29020	.30350	250.65

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4608	26.147	.26844	-.03197	1.3083	.55310	.89786
Stddev	.0211	.332	.00179	.00055	.0102	.00141	.00285
%RSD	.47350	1.2681	.66809	1.7202	.78136	.25495	.31714

#1	4.4531	25.997	.26689	-.03215	1.3121	.55472	.89922
#2	4.4847	26.527	.26804	-.03240	1.3161	.55213	.89976
#3	4.4447	25.917	.27041	-.03135	1.2967	.55246	.89458

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1107	.00198	.11844	1.3028	3.0386	.05529	6.0679
Stddev	.0814	.00007	.00779	.0085	.0463	.00084	.0057
%RSD	.89384	3.6566	6.5735	.64989	1.5252	1.5131	.09403

#1	9.0765	.00203	.12532	1.3094	3.0920	.05436	6.0614
#2	9.2036	.00201	.10999	1.3057	3.0090	.05597	6.0707
#3	9.0519	.00190	.12002	1.2932	3.0148	.05556	6.0717

Sample Name: K3552-13 Acquired: 6/27/2019 16:13:48 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M-7 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07904	F 11.79	-.18512	<.00000	F<.00000
Stddev	.00167	.02	.00066	.23550	1.1013
%RSD	2.1162	.1689	.35398	1.6559	.96152
#1	.08068	11.81	-.18444	-14.077	-115.49
#2	.07734	11.77	-.18575	-14.493	-114.80
#3	.07909	11.80	-.18517	-14.094	-113.33
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5040.1	56256.	4384.9	33.043	2297.4
Stddev	11.0	85.	28.8	.837	4.7
%RSD	.21755	.15188	.65575	2.5342	.20370
#1	5027.8	56337.	4359.8	32.168	2292.1
#2	5048.9	56167.	4416.3	33.837	2299.2
#3	5043.5	56265.	4378.6	33.124	2300.9

Sample Name: K3552-15 Acquired: 6/27/2019 16:18:22 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02084	-.02605	.10054	.00061	.00624	183.06	.69272
Stddev	.00282	.00026	.00179	.00250	.00157	.78	.00443
%RSD	13.508	1.0144	1.7773	411.86	25.086	.42652	.63946

#1	.02302	-.02629	.10214	-.00079	.00538	183.14	.68879
#2	.01766	-.02577	.10085	.00350	.00805	182.24	.69185
#3	.02185	-.02608	.09861	-.00089	.00529	183.79	.69752

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01742	.01546	3.2507	.18480	.19271	.18215	231.77
Stddev	.00037	.00027	.0160	.00052	.00044	.00119	.28
%RSD	2.1401	1.7211	.49126	.28399	.22695	.65548	.12039

#1	.01736	.01517	3.2326	.18442	.19220	.18103	231.57
#2	.01783	.01569	3.2563	.18458	.19293	.18341	231.64
#3	.01709	.01553	3.2630	.18540	.19299	.18202	232.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4987	23.085	.14891	-.02539	1.3758	.37596	.78688
Stddev	.0249	.196	.00055	.00048	.0067	.00098	.00202
%RSD	.55332	.85020	.36766	1.8994	.48579	.25993	.25663

#1	4.5252	22.956	.14941	-.02559	1.3684	.37697	.78906
#2	4.4952	22.987	.14832	-.02573	1.3778	.37587	.78506
#3	4.4757	23.311	.14900	-.02484	1.3813	.37502	.78654

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7994	.00290	.11082	1.5556	3.8306	.04068	5.3798
Stddev	.0661	.00049	.01066	.0010	.0300	.00162	.0169
%RSD	.97208	16.922	9.6194	.06394	.78330	3.9844	.31484

#1	6.7682	.00347	.12174	1.5559	3.8643	.04003	5.3861
#2	6.7548	.00260	.11029	1.5564	3.8208	.04253	5.3607
#3	6.8754	.00264	.10044	1.5545	3.8067	.03949	5.3928

Sample Name: K3552-15 Acquired: 6/27/2019 16:18:22 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M-8 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06709	7.175	-.19586	<.00000	F<.00000
Stddev	.00062	.014	.00035	.11284	.75734
%RSD	.93129	.2006	.17712	1.2154	1.0988

#1	.06701	7.191	-.19557	-9.3993	-69.782
#2	.06651	7.166	-.19577	-9.1739	-68.354
#3	.06775	7.167	-.19624	-9.2780	-68.630

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4360.0	48615.	3754.7	32.881	2389.9
Stddev	5.7	136.	11.3	.125	8.8
%RSD	.13097	.28023	.30079	.38106	.36844

#1	4364.2	48530.	3742.9	32.774	2380.9
#2	4362.2	48772.	3765.5	32.850	2398.5
#3	4353.5	48543.	3755.7	33.019	2390.3

Sample Name: K3552-17 Acquired: 6/27/2019 16:22:58 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01167	-.02966	.09628	-.00137	.00201	195.39	.64427
Stddev	.00091	.00051	.00187	.00190	.00125	.64	.00241
%RSD	7.7969	1.7210	1.9462	138.13	62.139	.32769	.37478

#1	.01081	-.02910	.09816	-.00201	.00209	195.03	.64386
#2	.01158	-.03009	.09626	.00076	.00320	196.13	.64686
#3	.01263	-.02980	.09442	-.00287	.00072	195.01	.64208

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01825	.02547	2.8655	.12440	.27602	.16099	209.12
Stddev	.00012	.00021	.0101	.00032	.00050	.00103	1.03
%RSD	.65444	.82165	.35329	.25985	.18055	.64023	.49445

#1	.01831	.02545	2.8659	.12465	.27637	.16088	208.81
#2	.01834	.02528	2.8754	.12403	.27545	.16002	210.28
#3	.01812	.02569	2.8552	.12451	.27623	.16207	208.28

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8933	20.311	.13774	-.02598	1.0885	.40841	.50392
Stddev	.0179	.029	.00103	.00049	.0040	.00078	.00146
%RSD	.61757	.14460	.74719	1.8858	.37237	.18998	.28930

#1	2.8729	20.330	.13713	-.02552	1.0903	.40771	.50458
#2	2.9007	20.277	.13717	-.02593	1.0913	.40925	.50493
#3	2.9062	20.325	.13893	-.02649	1.0838	.40828	.50225

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5567	.00054	.10239	1.2675	3.1110	.04991	4.1603
Stddev	.0539	.00016	.01034	.0070	.0289	.00050	.0159
%RSD	.71330	29.079	10.095	.55518	.92928	1.0104	.38259

#1	7.5255	.00056	.11273	1.2734	3.1432	.04961	4.1526
#2	7.6190	.00037	.10238	1.2597	3.1027	.04963	4.1497
#3	7.5258	.00068	.09206	1.2695	3.0872	.05049	4.1786

Sample Name: K3552-17 Acquired: 6/27/2019 16:22:58 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M-9 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04985	9.378	-.16558	<.00000	F<.00000
Stddev	.00120	.026	.00137	.45369	4.3644
%RSD	2.4105	.2760	.82790	3.0190	4.8519
#1	.05085	9.400	-.16513	-15.463	-89.464
#2	.04852	9.385	-.16712	-15.063	-85.852
#3	.05019	9.349	-.16450	-14.558	-94.540
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5429.0	60856.	4680.9	33.034	2338.7
Stddev	11.2	327.	12.0	1.328	5.8
%RSD	.20543	.53758	.25543	4.0190	.24624
#1	5420.7	60749.	4668.9	33.730	2332.1
#2	5441.7	60596.	4680.9	33.869	2341.3
#3	5424.6	61223.	4692.8	31.503	2342.7

Sample Name: K3552-19 Acquired: 6/27/2019 16:27:28 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03429	-.02240	.11773	.00837	.00709	279.10	1.1294
Stddev	.00171	.00280	.00224	.00412	.00202	1.07	.0053
%RSD	4.9956	12.480	1.9007	49.249	28.452	.38272	.46795

#1	.03570	-.01956	.12026	.00396	.00941	277.90	1.1233
#2	.03238	-.02515	.11688	.00901	.00578	279.94	1.1324
#3	.03478	-.02248	.11603	.01213	.00607	279.45	1.1325

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01965	.00990	3.7644	.11484	.18696	.20924	246.14
Stddev	.00037	.00017	.0088	.00113	.00030	.00123	.86
%RSD	1.8661	1.7608	.23240	.98611	.16237	.58601	.34907

#1	.01971	.01007	3.7545	.11569	.18671	.20839	245.23
#2	.01926	.00972	3.7709	.11355	.18730	.20867	246.24
#3	.01998	.00991	3.7678	.11527	.18688	.21064	246.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4829	29.644	.16874	-.02511	1.6798	.31679	1.1649
Stddev	.0216	.202	.00051	.00041	.0189	.00059	.0022
%RSD	.33390	.68234	.30123	1.6310	1.1243	.18665	.19118

#1	6.4999	29.560	.16857	-.02537	1.6711	.31745	1.1659
#2	6.4901	29.496	.16834	-.02532	1.6669	.31657	1.1664
#3	6.4585	29.874	.16931	-.02463	1.7015	.31633	1.1623

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.898	.00318	.14953	1.1869	7.5472	.03794	6.5287
Stddev	.089	.00028	.00484	.0087	.0906	.00118	.0399
%RSD	.81808	8.6882	3.2369	.73668	1.2009	3.1040	.61127

#1	10.816	.00344	.14415	1.1855	7.5952	.03670	6.4829
#2	10.886	.00289	.15094	1.1963	7.6037	.03807	6.5474
#3	10.993	.00320	.15351	1.1790	7.4427	.03904	6.5558

Sample Name: K3552-19 Acquired: 6/27/2019 16:27:28 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M-10 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08921	8.381	-.14352	<.00000	F<.00000
Stddev	.00174	.018	.00043	.11442	1.5130
%RSD	1.9561	.2206	.29889	1.9254	2.4276
#1	.08949	8.372	-.14313	-5.8402	-60.997
#2	.09079	8.402	-.14346	-6.0662	-62.006
#3	.08733	8.368	-.14398	-5.9222	-63.972
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3862.1	42801.	3337.5	33.615	2365.9
Stddev	4.7	99.	24.3	.159	6.9
%RSD	.12129	.23108	.72714	.47251	.29321
#1	3862.9	42720.	3321.0	33.719	2363.7
#2	3866.4	42772.	3326.0	33.693	2360.3
#3	3857.1	42911.	3365.3	33.432	2373.7

Sample Name: K3552-19DUP Acquired: 6/27/2019 16:32:04 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-10DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03230	-.02420	.11966	.00729	.00802	279.08	1.1434
Stddev	.00184	.00294	.00287	.00416	.00197	1.17	.0053
%RSD	5.6990	12.156	2.4013	57.000	24.569	.42030	.46088

#1	.03433	-.02192	.12046	.00270	.01030	278.69	1.1418
#2	.03183	-.02752	.12204	.01079	.00690	278.16	1.1391
#3	.03074	-.02317	.11647	.00840	.00686	280.40	1.1493

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01979	.01002	3.7414	.11588	.18624	.21244	246.63
Stddev	.00017	.00009	.0110	.00031	.00062	.00050	.84
%RSD	.87372	.90134	.29343	.26673	.33418	.23751	.33985

#1	.01976	.01008	3.7386	.11569	.18629	.21284	246.91
#2	.01964	.01007	3.7536	.11624	.18559	.21187	245.69
#3	.01998	.00992	3.7322	.11572	.18684	.21262	247.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4793	30.204	.16995	-.02516	1.6428	.31723	1.1684
Stddev	.0316	.208	.00087	.00033	.0124	.00226	.0068
%RSD	.48810	.68958	.51077	1.3311	.75686	.71329	.58407

#1	6.4428	30.023	.17095	-.02550	1.6289	.31985	1.1613
#2	6.4991	30.432	.16950	-.02484	1.6467	.31590	1.1750
#3	6.4960	30.158	.16941	-.02515	1.6528	.31596	1.1690

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.988	.00371	.13251	1.1981	7.4406	.03808	6.4814
Stddev	.020	.00028	.01044	.0024	.0113	.00016	.0142
%RSD	.18400	7.5340	7.8774	.20029	.15224	.43227	.21840

#1	10.989	.00350	.12838	1.2001	7.4415	.03825	6.4834
#2	10.967	.00403	.14438	1.1988	7.4288	.03804	6.4945
#3	11.007	.00361	.12476	1.1955	7.4514	.03793	6.4664

Sample Name: K3552-19DUP Acquired: 6/27/2019 16:32:04 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-10DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09049	8.421	-.14313	<.00000	F<.00000
Stddev	.00164	.020	.00098	.08595	1.9426
%RSD	1.8096	.2328	.68200	1.3507	3.1096
#1	.08867	8.439	-.14345	-6.2727	-64.337
#2	.09185	8.424	-.14203	-6.4437	-62.617
#3	.09094	8.400	-.14390	-6.3738	-60.460
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3872.9	42776.	3341.7	33.796	2374.1
Stddev	8.3	54.	13.2	1.695	14.9
%RSD	.21337	.12667	.39502	5.0157	.62814
#1	3882.5	42787.	3327.2	35.736	2390.1
#2	3868.8	42824.	3353.0	32.598	2360.6
#3	3867.6	42717.	3345.1	33.054	2371.6

Sample Name: K3552-19LX5 Acquired: 6/27/2019 16:36:39 Type: Unk
Method: P4-ICP2(v3237) 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	.00917	-.00144	.01884	.00196	.00146	76.303	.31562
Stddev	.00091	.00051	.00121	.00160	.00065	.664	.00195
%RSD	9.9635	35.543	6.4261	81.267	44.394	.87083	.61666

#1	.00854	-.00201	.01883	.00025	.00220	76.412	.31713
#2	.01022	-.00126	.01763	.00341	.00121	75.591	.31342
#3	.00876	-.00104	.02005	.00223	.00098	76.906	.31630

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00489	-.00225	1.0430	.03208	.03538	.05997	81.366
Stddev	.00020	.00014	.0134	.00033	.00012	.00049	.307
%RSD	4.1303	6.0723	1.2806	1.0391	.33113	.81418	.37690

#1	.00495	-.00222	1.0281	.03182	.03538	.05942	81.459
#2	.00467	-.00213	1.0540	.03246	.03549	.06013	81.024
#3	.00506	-.00239	1.0469	.03195	.03526	.06035	81.616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8942	8.2013	.03181	-.00551	.46536	.08818	.21364
Stddev	.0032	.0516	.00056	.00028	.00534	.00083	.00064
%RSD	.16980	.62881	1.7744	5.1258	1.1468	.94545	.30174

#1	1.8925	8.2443	.03141	-.00582	.47010	.08879	.21309
#2	1.8922	8.1441	.03156	-.00527	.45958	.08723	.21435
#3	1.8979	8.2154	.03246	-.00544	.46641	.08852	.21348

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8511	.00058	.06404	.23525	2.2129	.00663	1.8346
Stddev	.0115	.00028	.01676	.00300	.0285	.00095	.0147
%RSD	.40391	48.636	26.172	1.2735	1.2903	14.336	.80358

#1	2.8630	.00045	.04473	.23593	2.2190	.00740	1.8237
#2	2.8400	.00039	.07485	.23198	2.2379	.00692	1.8288
#3	2.8504	.00090	.07254	.23785	2.1818	.00557	1.8514

Sample Name: K3552-19LX5 Acquired: 6/27/2019 16:36:39 Type: Unk
Method: P4-ICP2(v3237) 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	.02179	1.592	-.05335	1.6254	F<.00000
Stddev	.00107	.006	.00044	.0501	1.1396
%RSD	4.9251	.3660	.81624	3.0831	22.981

#1	.02081	1.596	-.05369	1.6621	-5.3433
#2	.02164	1.594	-.05286	1.5683	-3.6770
#3	.02294	1.585	-.05350	1.6457	-5.8570

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2837.2	31488.	2376.0	34.305	2615.0
Stddev	12.8	135.	8.5	.662	9.0
%RSD	.45071	.42757	.35712	1.9288	.34501

#1	2826.4	31407.	2385.1	33.556	2606.7
#2	2851.3	31643.	2368.3	34.809	2624.6
#3	2833.9	31413.	2374.6	34.551	2613.6

Sample Name: K3552-19MS Acquired: 6/27/2019 16:41:07 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-10MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50243	1.9633	1.1146	1.1965	.11960	282.60	1.2247
Stddev	.00099	.0052	.0080	.0043	.00184	2.87	.0107
%RSD	.19649	.26362	.71866	.35585	1.5352	1.0151	.87034

#1	.50271	1.9576	1.1234	1.1970	.12039	279.29	1.2124
#2	.50324	1.9647	1.1076	1.1920	.11750	284.23	1.2315
#3	.50133	1.9676	1.1130	1.2005	.12091	284.29	1.2301

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15374	.20929	4.8891	.37335	.37350	.39377	244.68
Stddev	.00014	.00072	.0396	.00044	.00105	.00020	1.20
%RSD	.08889	.34284	.80960	.11870	.28092	.04997	.48867

#1	.15374	.20988	4.8790	.37368	.37445	.39360	243.73
#2	.15387	.20951	4.8555	.37285	.37237	.39373	246.02
#3	.15360	.20849	4.9327	.37352	.37369	.39399	244.28

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2275	29.504	.66984	.02168	3.5841	.51703	1.3354
Stddev	.0063	.454	.00093	.00053	.0517	.00126	.0034
%RSD	.10082	1.5402	.13884	2.4603	1.4426	.24424	.25571

#1	6.2225	29.038	.66944	.02172	3.5258	.51844	1.3381
#2	6.2256	29.946	.66917	.02113	3.6245	.51663	1.3364
#3	6.2346	29.528	.67090	.02220	3.6020	.51601	1.3315

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.963	.23373	.28833	1.1433	F 10.160	.71490	7.3271
Stddev	.106	.00054	.00658	.0136	.152	.00122	.0373
%RSD	.62581	.23229	2.2820	1.1886	1.4979	.17115	.50858

#1	16.856	.23421	.29195	1.1475	10.292	.71587	7.3226
#2	16.964	.23314	.28073	1.1544	9.9935	.71353	7.2923
#3	17.068	.23383	.29230	1.1281	10.195	.71531	7.3664

Sample Name: K3552-19MS Acquired: 6/27/2019 16:41:07 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M-10MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21436	F 14.51	.02293	<.00000	F<.00000
Stddev	.00020	.01	.00247	.03590	2.0057
%RSD	.09444	.0529	10.788	.65625	3.1776

#1	.21459	14.51	.02434	-5.5095	-63.854
#2	.21421	14.51	.02008	-5.4387	-64.653
#3	.21428	14.50	.02439	-5.4639	-60.849

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3788.7	42175.	3233.2	32.509	2346.6
Stddev	6.7	135.	45.5	.797	6.8
%RSD	.17614	.31911	1.4059	2.4526	.28866

#1	3783.4	42330.	3190.5	32.533	2340.2
#2	3786.5	42115.	3281.0	33.295	2345.7
#3	3796.2	42082.	3228.2	31.700	2353.7

Sample Name: CCV06 Acquired: 6/27/2019 16:45:38 Type: Unk
Method: P4-ICP2(v3237) 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	5.0076	5.0853	4.9558	5.0535	5.0036	9.4096	9.9831	.25297
Stddev	.0211	.0154	.0050	.0141	.0099	.0585	.0159	.00081
%RSD	.42137	.30351	.10145	.27998	.19734	.62166	.15879	.32113
#1	5.0301	5.0920	4.9567	5.0697	5.0113	9.3515	9.9673	.25364
#2	4.9883	5.0962	4.9602	5.0436	4.9924	9.4087	9.9829	.25207
#3	5.0042	5.0676	4.9503	5.0471	5.0069	9.4685	9.9990	.25321
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4912	24.828	.98438	2.4936	1.2488	4.9851	2.5222	24.335
Stddev	.0011	.055	.00095	.0020	.0029	.0046	.0018	.331
%RSD	.04431	.22206	.09642	.08086	.23050	.09145	.07275	1.3589
#1	2.4921	24.768	.98500	2.4940	1.2521	4.9864	2.5243	23.985
#2	2.4899	24.876	.98328	2.4954	1.2468	4.9888	2.5209	24.377
#3	2.4915	24.842	.98484	2.4914	1.2476	4.9800	2.5214	24.643
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4887	1.2422	24.599	2.4815	2.4876	24.925	5.0510	4.9453
Stddev	.0029	.0038	.051	.0032	.0021	.102	.0143	.0256
%RSD	.11536	.30769	.20778	.12758	.08302	.40730	.28383	.51854
#1	2.4918	1.2382	24.552	2.4795	2.4893	24.863	5.0656	4.9196
#2	2.4879	1.2458	24.592	2.4798	2.4853	24.870	5.0504	4.9453
#3	2.4862	1.2427	24.653	2.4852	2.4882	25.042	5.0369	4.9709
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0464	4.9091	4.9747	4.9318	4.7698	5.214	5.2875	F 3.9121
Stddev	.0146	.0204	.0014	.0338	.0272	.010	.0219	.1231
%RSD	.28899	.41493	.02787	.68524	.56955	.1993	.41465	3.1477
#1	5.0466	4.9111	4.9762	4.8928	4.7592	5.226	5.2780	3.8794
#2	5.0608	4.9285	4.9742	4.9498	4.8007	5.208	5.3126	4.0483
#3	5.0317	4.8879	4.9736	4.9528	4.7496	5.208	5.2720	3.8087

Sample Name: CCV06 Acquired: 6/27/2019 16:45:38 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5488
Stddev .3651
%RSD 23.575

#1 1.3446
#2 1.9704
#3 1.3315

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.8	27897.	2112.2	33.149	2483.1
Stddev	8.1	43.	10.6	1.078	4.3
%RSD	.32872	.15299	.50072	3.2518	.17342

#1	2449.6	27856.	2108.0	31.904	2478.3
#2	2464.6	27941.	2104.3	33.785	2486.7
#3	2462.3	27895.	2124.2	33.758	2484.2

Sample Name: CCB06 Acquired: 6/27/2019 16:49:36 Type: Unk
Method: P4-ICP2(v3237) 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	-.00271	-.00090	-.00129	-.00222	.00011	-.02486	.00227	.00009
Stddev	.00292	.00054	.00119	.00142	.00169	.01528	.00055	.00006
%RSD	107.57	60.146	92.434	64.223	1470.1	61.463	24.439	65.198

#1	-.00183	-.00135	-.00207	-.00339	.00071	-.00724	.00186	.00011
#2	-.00034	-.00104	.00008	-.00263	-.00179	-.03286	.00204	.00003
#3	-.00596	-.00030	-.00188	-.00063	.00143	-.03448	.00290	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00292	.00000	-.00021	-.00135	.00093	-.00007	-.03940
Stddev	.00004	.01547	.00042	.00010	.00014	.00080	.00008	.04891
%RSD	78.006	530.12	11295.	44.237	10.262	85.796	110.95	124.15

#1	.00009	.00996	-.00048	-.00031	-.00132	.00116	-.00016	-.00979
#2	.00006	.00137	.00026	-.00012	-.00150	.00004	.00000	-.09585
#3	.00001	-.02008	.00023	-.00022	-.00123	.00159	-.00006	-.01255

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00083	-.00055	.02601	-.00050	-.00018	-.01468	.00069	F .02691
Stddev	.00023	.00086	.01743	.00048	.00011	.04285	.00007	.00800
%RSD	27.734	156.56	66.992	96.425	57.739	291.97	9.6256	29.717

#1	.00091	.00027	.03125	-.00054	-.00029	-.05814	.00074	.03514
#2	.00101	-.00048	.04023	-.00000	-.00008	-.01344	.00072	.02641
#3	.00057	-.00144	.00657	-.00096	-.00017	.02754	.00062	.01917

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00236	.00324	-.00019	-.00143	-.00131	-.0030	.00008	F 3.1740
Stddev	.00802	.00176	.00008	.00089	.00138	.0024	.00014	.0846
%RSD	339.47	54.529	43.259	62.083	105.47	80.50	188.71	2.6649

#1	-.01146	.00123	-.00021	-.00243	-.00271	-.0013	.00013	3.2708
#2	.00371	.00454	-.00027	-.00116	.00005	-.0057	-.00009	3.1367
#3	.00066	.00394	-.00010	-.00071	-.00127	-.0019	.00018	3.1144

Sample Name: CCB06 Acquired: 6/27/2019 16:49:36 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0626
Stddev	.5197
%RSD	48.906

#1	1.4357
#2	1.2832
#3	.46903

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2555.5	28664.	2115.6	33.980	2802.3
Stddev	2.7	125.	8.5	.215	1.7
%RSD	.10506	.43597	.40085	.63262	.05905

#1	2552.5	28750.	2111.6	34.043	2802.1
#2	2556.3	28520.	2125.4	34.157	2800.8
#3	2557.7	28721.	2109.9	33.741	2804.1

Sample Name: K3552-19MSD Acquired: 6/27/2019 16:54:04 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-10MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50483	1.9503	1.1079	1.2041	.11913	281.96	1.2223
Stddev	.00505	.0040	.0019	.0105	.00088	1.08	.0028
%RSD	.99987	.20620	.16709	.86837	.73496	.38149	.22755

#1	.50462	1.9519	1.1100	1.1952	.11969	282.94	1.2253
#2	.49989	1.9533	1.1073	1.2015	.11812	280.81	1.2198
#3	.50998	1.9457	1.1064	1.2156	.11958	282.13	1.2218

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15307	.20732	4.8924	.37329	.37134	.39696	244.28
Stddev	.00014	.00147	.0037	.00088	.00039	.00276	.65
%RSD	.09150	.70680	.07456	.23557	.10516	.69558	.26694

#1	.15323	.20871	4.8963	.37229	.37160	.39472	244.96
#2	.15301	.20746	4.8891	.37394	.37089	.39613	244.22
#3	.15298	.20579	4.8918	.37364	.37152	.40005	243.66

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1935	29.538	.66765	.02205	3.5700	.51691	1.3246
Stddev	.0274	.198	.00253	.00048	.0227	.00132	.0102
%RSD	.44230	.67192	.37837	2.1905	.63449	.25562	.77322

#1	6.2124	29.766	.67029	.02149	3.5960	.51583	1.3335
#2	6.2059	29.402	.66525	.02229	3.5593	.51839	1.3268
#3	6.1621	29.446	.66742	.02236	3.5547	.51652	1.3134

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.935	.23452	.29940	1.1355	F 10.425	.71318	7.3398
Stddev	.053	.00144	.02174	.0114	.066	.00132	.0072
%RSD	.31038	.61222	7.2600	1.0023	.63041	.18488	.09813

#1	16.964	.23319	.32106	1.1289	10.386	.71225	7.3474
#2	16.875	.23432	.29956	1.1290	10.501	.71469	7.3331
#3	16.967	.23604	.27759	1.1486	10.387	.71261	7.3389

Sample Name: K3552-19MSD Acquired: 6/27/2019 16:54:04 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-10MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21548	F 14.52	.02285	<.00000	F<.00000
Stddev	.00070	.01	.00140	.15425	2.2701
%RSD	.32666	.0860	6.1429	2.7719	3.5478
#1	.21615	14.52	.02286	-5.3884	-65.720
#2	.21475	14.51	.02144	-5.6326	-64.823
#3	.21555	14.54	.02424	-5.6737	-61.417
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3803.4	42413.	3251.8	33.418	2372.4
Stddev	5.9	103.	12.8	.288	18.1
%RSD	.15536	.24346	.39310	.86213	.76103
#1	3800.0	42294.	3264.3	33.666	2356.9
#2	3800.0	42482.	3252.4	33.485	2368.1
#3	3810.2	42463.	3238.7	33.102	2392.2

Sample Name: K3552-19A Acquired: 6/27/2019 16:58:35 Type: Unk
Method: P4-ICP2(v3237) 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	.50190	1.9543	1.1089	1.1987	.12070	283.75	1.2243
Stddev	.00258	.0068	.0033	.0037	.00238	1.27	.0050
%RSD	.51430	.34653	.29424	.31234	1.9736	.44776	.41199

#1	.50390	1.9615	1.1070	1.2030	.12199	282.31	1.2203
#2	.49898	1.9480	1.1071	1.1975	.12216	284.20	1.2227
#3	.50281	1.9534	1.1127	1.1958	.11795	284.73	1.2300

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15283	.20791	4.8614	.37341	.37191	.39373	244.53
Stddev	.00032	.00046	.0216	.00120	.00048	.00057	.60
%RSD	.21208	.22093	.44439	.32138	.12830	.14401	.24527

#1	.15274	.20756	4.8736	.37383	.37140	.39437	244.34
#2	.15318	.20774	4.8364	.37434	.37198	.39352	245.20
#3	.15255	.20843	4.8741	.37205	.37234	.39330	244.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1936	29.461	.66768	.02209	3.5264	.51450	1.3239
Stddev	.0244	.161	.00042	.00075	.0118	.00020	.0039
%RSD	.39307	.54738	.06224	3.3775	.33389	.03819	.29272

#1	6.2009	29.275	.66811	.02127	3.5168	.51470	1.3196
#2	6.1664	29.543	.66729	.02273	3.5396	.51448	1.3250
#3	6.2135	29.564	.66763	.02226	3.5229	.51431	1.3271

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.875	.23298	.29806	1.1250	F 10.191	.71050	7.3274
Stddev	.054	.00071	.01215	.0012	.105	.00128	.0237
%RSD	.32086	.30433	4.0764	.10592	1.0284	.18058	.32344

#1	16.845	.23374	.28954	1.1239	10.305	.70902	7.3522
#2	16.938	.23287	.31197	1.1263	10.099	.71111	7.3249
#3	16.844	.23234	.29266	1.1247	10.169	.71136	7.3050

Sample Name: K3552-19A Acquired: 6/27/2019 16:58:35 Type: Unk
Method: P4-ICP2(v3237) 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	.21553	F 14.49	.02311	<.00000	F<.00000
Stddev	.00187	.01	.00141	.04251	.71447
%RSD	.86784	.0876	6.0949	.72260	1.1363
#1	.21765	14.50	.02442	-5.8358	-63.690
#2	.21411	14.48	.02162	-5.8934	-62.345
#3	.21483	14.50	.02329	-5.9188	-62.599
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3811.7	42338.	3243.0	33.671	2366.4
Stddev	3.0	8.	20.5	.345	7.3
%RSD	.07887	.01894	.63354	1.0234	.30658
#1	3815.1	42340.	3219.3	33.957	2374.4
#2	3809.7	42344.	3254.0	33.767	2364.2
#3	3810.2	42329.	3255.7	33.288	2360.4

Sample Name: K3157-11 Acquired: 6/27/2019 17:03:06 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01121	-.00358	.19617	.01054	.00198	107.77	.52166
Stddev	.00334	.00105	.00122	.00170	.00040	.25	.00232
%RSD	29.834	29.381	.62316	16.129	20.288	.22938	.44410

#1	.01302	-.00240	.19689	.00870	.00243	107.71	.51929
#2	.00735	-.00442	.19687	.01087	.00187	107.55	.52177
#3	.01324	-.00392	.19476	.01205	.00165	108.03	.52392

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00702	-.00143	29.772	.18726	.10111	.23592	172.50
Stddev	.00013	.00019	.072	.00072	.00040	.00022	.20
%RSD	1.8414	13.429	.24230	.38219	.39337	.09376	.11531

#1	.00702	-.00138	29.737	.18668	.10150	.23581	172.28
#2	.00715	-.00165	29.855	.18704	.10113	.23578	172.67
#3	.00689	-.00127	29.724	.18806	.10070	.23618	172.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7970	38.797	.17108	-.01292	7.2779	.34462	.45263
Stddev	.0029	.442	.00057	.00050	.0733	.00112	.00158
%RSD	.10528	1.1392	.33218	3.8902	1.0069	.32470	.34837

#1	2.7993	38.337	.17118	-.01335	7.2072	.34480	.45102
#2	2.7937	38.836	.17047	-.01236	7.2731	.34342	.45270
#3	2.7980	39.218	.17160	-.01304	7.3535	.34564	.45417

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3895	.00290	.16080	3.3805	3.1301	.01606	3.8440
Stddev	.0797	.00024	.01965	.0193	.0373	.00009	.0154
%RSD	.94972	8.2802	12.220	.57135	1.1905	.57981	.39931

#1	8.3117	.00269	.16831	3.3665	3.1714	.01595	3.8330
#2	8.3858	.00285	.13850	3.3725	3.0991	.01612	3.8375
#3	8.4709	.00316	.17558	3.4026	3.1199	.01610	3.8615

Sample Name: K3157-11 Acquired: 6/27/2019 17:03:06 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08923	4.965	-.06167	<.00000	F<.00000
Stddev	.00121	.010	.00032	.03327	.89108
%RSD	1.3571	.2090	.52223	45.703	4.4399

#1	.08924	4.975	-.06135	-.08918	-20.219
#2	.08801	4.964	-.06200	-.03451	-20.877
#3	.09043	4.955	-.06166	-.09468	-19.114

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2963.9	33086.	2518.4	32.841	2505.3
Stddev	6.5	24.	12.2	.853	3.8
%RSD	.21990	.07390	.48372	2.5961	.15059

#1	2966.5	33111.	2510.1	33.328	2503.6
#2	2968.8	33063.	2512.7	31.857	2509.7
#3	2956.5	33085.	2532.4	33.339	2502.7

Sample Name: K3157-13 Acquired: 6/27/2019 17:07:32 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01364	-.01684	.38402	.01136	.00662	167.08	.77151
Stddev	.00377	.00040	.00072	.00400	.00137	1.17	.00565
%RSD	27.653	2.3979	.18683	35.222	20.742	.70183	.73239

#1	.01032	-.01638	.38473	.00820	.00763	166.25	.76922
#2	.01285	-.01705	.38402	.01586	.00717	168.42	.77795
#3	.01774	-.01710	.38330	.01002	.00505	166.56	.76736

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01176	.00425	64.714	.38569	.19635	.44588	275.80
Stddev	.00004	.00007	.456	.00038	.00055	.00178	.64
%RSD	.31209	1.6422	.70439	.09770	.28243	.39979	.23328

#1	.01172	.00418	64.560	.38530	.19597	.44567	275.56
#2	.01176	.00432	64.356	.38605	.19699	.44776	276.53
#3	.01180	.00425	65.227	.38572	.19610	.44421	275.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0928	76.422	.37020	-.02573	12.784	.64380	.81812
Stddev	.0486	.581	.00048	.00052	.062	.00300	.00123
%RSD	.95452	.75970	.12840	2.0221	.48264	.46573	.15043

#1	5.1132	75.998	.36989	-.02517	12.742	.64583	.81887
#2	5.1278	77.084	.36996	-.02620	12.855	.64522	.81880
#3	5.0373	76.185	.37074	-.02583	12.755	.64036	.81670

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.479	.03278	.23027	8.8694	2.1593	.03088	7.5501
Stddev	.063	.00031	.02517	.0172	.0243	.00049	.0386
%RSD	.43728	.93163	10.932	.19389	1.1262	1.5881	.51101

#1	14.436	.03248	.20120	8.8496	2.1590	.03144	7.5082
#2	14.552	.03309	.24472	8.8790	2.1351	.03052	7.5580
#3	14.450	.03276	.24488	8.8796	2.1837	.03069	7.5842

Sample Name: K3157-13 Acquired: 6/27/2019 17:07:32 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16119	8.450	-.07998	<.00000	F<.00000
Stddev	.00092	.025	.00047	.12332	1.8214
%RSD	.57179	.3010	.59145	5.5113	3.3656

#1	.16027	8.432	-.07983	-2.1226	-56.041
#2	.16211	8.479	-.08051	-2.2223	-53.889
#3	.16119	8.440	-.07960	-2.3678	-52.419

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3103.1	34714.	2711.8	34.173	2343.9
Stddev	5.9	148.	17.0	1.217	3.6
%RSD	.19136	.42766	.62736	3.5602	.15545

#1	3101.6	34745.	2720.4	33.239	2343.5
#2	3098.0	34553.	2722.8	35.549	2340.5
#3	3109.6	34845.	2692.2	33.730	2347.7

Sample Name: K3157-15 Acquired: 6/27/2019 17:12:02 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01466	-.00906	.26684	.00958	.00495	157.82	.83703
Stddev	.00431	.00252	.00062	.00227	.00220	.51	.00250
%RSD	29.407	27.847	.23178	23.737	44.410	.32088	.29853

#1	.01035	-.00954	.26692	.00860	.00586	157.30	.83438
#2	.01897	-.01131	.26618	.00796	.00656	157.85	.83737
#3	.01465	-.00633	.26741	.01218	.00245	158.31	.83934

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01203	.00344	48.820	.32506	.18606	.38175	276.58
Stddev	.00014	.00033	.790	.00063	.00142	.00137	1.63
%RSD	1.1949	9.5798	1.6179	.19428	.76574	.35913	.59053

#1	.01219	.00367	47.909	.32555	.18763	.38017	278.21
#2	.01195	.00359	49.303	.32435	.18486	.38261	274.95
#3	.01193	.00306	49.249	.32529	.18567	.38248	276.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6997	57.743	.30271	-.02498	8.3605	.62605	.71927
Stddev	.0535	.252	.00050	.00108	.0180	.00338	.00295
%RSD	.93857	.43594	.16583	4.3296	.21479	.53921	.41009

#1	5.6799	57.480	.30313	-.02458	8.3411	.62903	.72252
#2	5.6589	57.982	.30215	-.02621	8.3765	.62674	.71852
#3	5.7603	57.768	.30285	-.02416	8.3638	.62238	.71677

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.366	.00608	.27877	7.0439	4.4177	.02722	5.8789
Stddev	.059	.00018	.01365	.0057	.0229	.00156	.1128
%RSD	.43884	2.9883	4.8982	.08128	.51813	5.7406	1.9192

#1	13.303	.00610	.27719	7.0461	4.3915	.02610	5.7490
#2	13.419	.00589	.29314	7.0374	4.4339	.02900	5.9521
#3	13.376	.00626	.26597	7.0482	4.4276	.02655	5.9357

Sample Name: K3157-15 Acquired: 6/27/2019 17:12:02 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15036	8.936	-.04495	<.00000	F<.00000
Stddev	.00413	.014	.00584	.20776	1.5731
%RSD	2.7464	.1555	12.995	8.4381	3.0732
#1	.14598	8.947	-.05165	-2.5190	-49.407
#2	.15093	8.921	-.04095	-2.6356	-52.384
#3	.15418	8.942	-.04224	-2.2319	-51.776
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3117.3	34677.	2707.2	33.922	2377.9
Stddev	5.5	170.	19.9	1.202	7.5
%RSD	.17730	.48977	.73400	3.5444	.31696
#1	3110.9	34491.	2728.3	34.064	2369.3
#2	3120.0	34823.	2704.4	32.655	2381.2
#3	3121.0	34716.	2688.8	35.047	2383.3

Sample Name: K3157-17 Acquired: 6/27/2019 17:16:35 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03291	-.00817	.35471	.00853	.00776	184.42	1.0679
Stddev	.00252	.00064	.00284	.00558	.00185	.78	.0058
%RSD	7.6490	7.8389	.80016	65.462	23.839	.42434	.54387

#1	.03219	-.00879	.35171	.00648	.00630	183.52	1.0614
#2	.03083	-.00751	.35508	.00426	.00714	184.93	1.0697
#3	.03571	-.00821	.35735	.01485	.00984	184.81	1.0725

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01543	.00737	53.853	.47161	.20793	.41375	304.27
Stddev	.00013	.00033	.059	.00104	.00091	.00075	1.48
%RSD	.84498	4.4743	.10877	.22053	.43995	.18087	.48706

#1	.01546	.00737	53.844	.47041	.20736	.41353	303.21
#2	.01528	.00770	53.800	.47227	.20745	.41314	303.65
#3	.01554	.00704	53.916	.47214	.20899	.41458	305.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8803	59.438	.35315	-.02910	9.7918	.70618	1.0077
Stddev	.0101	.499	.00148	.00024	.0301	.00329	.0034
%RSD	.17269	.83896	.41788	.81529	.30684	.46648	.33661

#1	5.8806	58.934	.35154	-.02919	9.7577	.70846	1.0039
#2	5.8700	59.449	.35347	-.02883	9.8035	.70240	1.0091
#3	5.8903	59.931	.35444	-.02928	9.8142	.70767	1.0103

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.798	.00966	.18716	7.9306	5.1843	.03056	5.7702
Stddev	.062	.00040	.00309	.0272	.0848	.00139	.0103
%RSD	.48238	4.1323	1.6520	.34333	1.6363	4.5412	.17864

#1	12.740	.00925	.19069	7.9306	5.2656	.02945	5.7591
#2	12.863	.00970	.18494	7.9033	5.1908	.03012	5.7795
#3	12.792	.01005	.18584	7.9578	5.0964	.03212	5.7721

Sample Name: K3157-17 Acquired: 6/27/2019 17:16:35 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16175	8.781	-.04259	<.00000	F<.00000
Stddev	.00144	.027	.00139	.16623	1.5082
%RSD	.89218	.3026	3.2664	4.9758	2.3099
#1	.16114	8.753	-.04244	-3.3212	-67.031
#2	.16340	8.785	-.04127	-3.1853	-64.547
#3	.16072	8.805	-.04405	-3.5160	-64.306
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3185.6	35682.	2756.0	33.797	2330.4
Stddev	3.9	19.	20.4	1.047	10.7
%RSD	.12373	.05419	.73913	3.0987	.46117
#1	3189.7	35664.	2732.5	32.721	2342.6
#2	3185.2	35703.	2768.4	33.857	2326.2
#3	3181.9	35678.	2767.0	34.813	2322.5

Sample Name: K3157-19 Acquired: 6/27/2019 17:21:08 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02530	-.00779	.33431	.01156	.00744	182.97	1.0851
Stddev	.00138	.00117	.00127	.00082	.00285	.58	.0029
%RSD	5.4588	14.976	.38047	7.1239	38.255	.31509	.26604

#1	.02394	-.00882	.33294	.01242	.00434	182.33	1.0819
#2	.02670	-.00802	.33546	.01078	.00994	183.11	1.0875
#3	.02526	-.00652	.33454	.01149	.00803	183.46	1.0859

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01424	.00672	47.494	.39555	.21256	.44975	298.52
Stddev	.00039	.00013	.154	.00079	.00013	.00088	.76
%RSD	2.7510	1.9309	.32349	.20059	.06001	.19489	.25322

#1	.01469	.00659	47.424	.39602	.21250	.44893	297.66
#2	.01395	.00685	47.671	.39599	.21246	.44964	299.08
#3	.01409	.00672	47.389	.39463	.21270	.45067	298.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4459	55.542	.37596	-.02787	8.9873	.63463	.83530
Stddev	.0359	.254	.00109	.00072	.0598	.00384	.00422
%RSD	.55638	.45707	.29103	2.5735	.66508	.60554	.50494

#1	6.4252	55.304	.37481	-.02859	8.9254	.63742	.83043
#2	6.4253	55.514	.37699	-.02786	8.9917	.63622	.83763
#3	6.4874	55.809	.37609	-.02715	9.0447	.63025	.83785

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.701	.01518	.19773	F 13.811	5.8332	.02705	5.4309
Stddev	.030	.00056	.01060	.072	.0518	.00061	.0012
%RSD	.19238	3.7147	5.3609	.52400	.88734	2.2475	.02234

#1	15.668	.01543	.20885	13.727	5.8912	.02636	5.4320
#2	15.709	.01557	.18774	13.852	5.7919	.02732	5.4312
#3	15.727	.01454	.19659	13.853	5.8164	.02748	5.4296

Sample Name: K3157-19 Acquired: 6/27/2019 17:21:08 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16790	8.686	-.10997	<.00000	F<.00000
Stddev	.00094	.028	.00047	.16831	1.0645
%RSD	.55963	.3166	.42869	5.0328	1.6799
#1	.16890	8.655	-.10951	-3.4589	-64.213
#2	.16778	8.704	-.10997	-3.4227	-63.709
#3	.16703	8.701	-.11045	-3.1510	-62.170
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3242.5	36113.	2780.1	32.702	2349.5
Stddev	15.0	54.	15.8	1.538	11.7
%RSD	.46174	.14829	.56870	4.7025	.49855
#1	3259.7	36175.	2780.8	33.533	2363.0
#2	3235.8	36083.	2764.0	30.927	2342.8
#3	3232.1	36081.	2795.6	33.645	2342.8

Sample Name: K3159-09 Acquired: 6/27/2019 17:25:41 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01366	-.00620	.45685	.01008	.00451	118.53	.43640
Stddev	.00331	.00180	.00246	.00159	.00041	.54	.00289
%RSD	24.224	29.096	.53896	15.810	9.0909	.45540	.66309

#1	.01418	-.00746	.45920	.01180	.00411	117.91	.43346
#2	.01667	-.00701	.45429	.00977	.00451	118.84	.43649
#3	.01012	-.00413	.45705	.00866	.00493	118.85	.43925

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00925	.00087	47.854	.18806	.13421	.51460	210.06
Stddev	.00014	.00014	.570	.00102	.00042	.00150	.72
%RSD	1.5369	16.140	1.1905	.54234	.31628	.29070	.34241

#1	.00914	.00072	47.514	.18697	.13375	.51629	209.80
#2	.00941	.00088	47.537	.18900	.13429	.51345	209.50
#3	.00920	.00100	48.512	.18820	.13459	.51405	210.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7489	60.205	.32214	-.01718	10.216	.40274	1.1122
Stddev	.0019	.308	.00162	.00073	.066	.00163	.0044
%RSD	.07090	.51234	.50398	4.2343	.64695	.40579	.39342

#1	2.7509	59.865	.32233	-.01654	10.141	.40165	1.1072
#2	2.7470	60.282	.32043	-.01797	10.243	.40461	1.1154
#3	2.7488	60.467	.32366	-.01703	10.264	.40194	1.1140

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.950	.00398	.18449	3.6235	4.1610	.06336	4.7493
Stddev	.010	.00045	.00353	.0169	.1188	.00047	.0092
%RSD	.09186	11.381	1.9108	.46616	2.8541	.74362	.19386

#1	10.939	.00435	.18413	3.6175	4.0700	.06387	4.7387
#2	10.953	.00411	.18116	3.6104	4.1175	.06325	4.7545
#3	10.958	.00347	.18819	3.6426	4.2953	.06295	4.7547

Sample Name: K3159-09 Acquired: 6/27/2019 17:25:41 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-062619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15082	7.938	-.05309	<.00000	F<.00000
Stddev	.00387	.009	.00095	.04719	1.5044
%RSD	2.5690	.1096	1.7831	5.7072	5.6380
#1	.14802	7.928	-.05414	-.77755	-25.187
#2	.15524	7.941	-.05283	-.87159	-28.195
#3	.14919	7.944	-.05230	-.83153	-26.665
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3030.3	33743.	2583.8	32.620	2430.4
Stddev	8.8	15.	10.1	1.627	9.5
%RSD	.29124	.04517	.39069	4.9894	.39129
#1	3040.1	33735.	2583.3	31.737	2441.3
#2	3027.8	33760.	2594.1	34.498	2426.3
#3	3023.0	33732.	2574.0	31.626	2423.7

Sample Name: K3159-11 Acquired: 6/27/2019 17:30:05 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01252	-.00716	.27825	.00878	.00354	127.12	.61675
Stddev	.00408	.00188	.00160	.00218	.00187	.38	.00222
%RSD	32.601	26.307	.57378	24.861	52.821	.29643	.36010

#1	.01691	-.00611	.27835	.00848	.00482	126.68	.61474
#2	.00884	-.00933	.27661	.00676	.00139	127.34	.61913
#3	.01180	-.00603	.27980	.01109	.00440	127.33	.61637

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01014	.00069	55.384	.17037	.12458	.26730	194.15
Stddev	.00004	.00013	.400	.00177	.00099	.00045	.71
%RSD	.35962	19.362	.72174	1.0387	.79584	.16694	.36741

#1	.01011	.00058	54.998	.16867	.12378	.26707	193.99
#2	.01018	.00065	55.796	.17220	.12427	.26701	194.93
#3	.01013	.00083	55.358	.17024	.12569	.26781	193.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4300	64.183	.19536	-.01584	7.8637	.36297	.59544
Stddev	.0057	.253	.00146	.00059	.0260	.00314	.00392
%RSD	.16647	.39495	.74579	3.6978	.33079	.86442	.65780

#1	3.4332	64.040	.19377	-.01575	7.8355	.36065	.59606
#2	3.4334	64.476	.19663	-.01530	7.8868	.36654	.59125
#3	3.4234	64.034	.19567	-.01646	7.8686	.36171	.59901

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.590	.00180	.16292	2.7147	4.7312	.02410	4.4360
Stddev	.102	.00037	.02012	.0130	.0236	.00104	.0200
%RSD	.61339	20.758	12.353	.47732	.49966	4.3017	.44995

#1	16.484	.00200	.14102	2.7099	4.7227	.02511	4.4242
#2	16.687	.00137	.16713	2.7048	4.7579	.02414	4.4590
#3	16.598	.00203	.18060	2.7294	4.7130	.02304	4.4247

Sample Name: K3159-11 Acquired: 6/27/2019 17:30:05 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-062619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14992	7.729	.03240	<.00000	F<.00000
Stddev	.00040	.011	.00055	.10159	.82710
%RSD	.26396	.1453	1.7070	15.820	3.0863
#1	.14948	7.718	.03226	-.52531	-27.602
#2	.15026	7.741	.03193	-.69193	-25.950
#3	.15000	7.727	.03301	-.70933	-26.847
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3049.5	34072.	2619.8	33.196	2401.5
Stddev	11.1	101.	11.7	.903	14.4
%RSD	.36359	.29761	.44740	2.7195	.59817
#1	3047.7	34063.	2622.7	32.929	2397.8
#2	3061.4	33976.	2606.9	32.457	2417.3
#3	3039.5	34178.	2629.8	34.202	2389.3

Sample Name: K3507-01 Acquired: 6/27/2019 17:34:31 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01675	-.00052	.11844	.01117	-.00108	60.122	.36571
Stddev	.00301	.00025	.00215	.00221	.00157	.559	.00335
%RSD	17.985	48.206	1.8124	19.772	145.66	.93023	.91546

#1	.01955	-.00024	.12086	.00868	-.00274	59.482	.36216
#2	.01713	-.00061	.11677	.01289	.00038	60.372	.36881
#3	.01357	-.00072	.11769	.01195	-.00087	60.514	.36615

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00546	-.00308	35.672	.13059	.06905	.18278	148.60
Stddev	.00012	.00009	.325	.00105	.00034	.00055	.76
%RSD	2.1457	2.8708	.91183	.80127	.48799	.29978	.51069

#1	.00546	-.00307	35.297	.13098	.06921	.18324	147.79
#2	.00534	-.00299	35.838	.12940	.06927	.18292	149.30
#3	.00557	-.00317	35.881	.13138	.06866	.18217	148.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4002	30.538	.12231	-.00976	4.3792	.27069	.35210
Stddev	.0049	.241	.00041	.00061	.0307	.00172	.00045
%RSD	.20562	.78848	.33702	6.2457	.70012	.63653	.12837

#1	2.3975	30.438	.12271	-.01047	4.3440	.27083	.35235
#2	2.3971	30.364	.12189	-.00942	4.3932	.26890	.35237
#3	2.4058	30.813	.12234	-.00941	4.4003	.27233	.35158

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4677	.00310	.24139	5.5159	3.0527	.00936	2.1157
Stddev	.0392	.00025	.01151	.0102	.0294	.00034	.0195
%RSD	.52516	7.9466	4.7702	.18441	.96360	3.6293	.92362

#1	7.5059	.00302	.22881	5.5043	3.0551	.00950	2.0931
#2	7.4276	.00337	.24395	5.5235	3.0221	.00897	2.1264
#3	7.4695	.00290	.25141	5.5198	3.0808	.00960	2.1275

Sample Name: K3507-01 Acquired: 6/27/2019 17:34:31 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-07-062619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12836	2.876	.00925	1.3376	F<.00000
Stddev	.00349	.002	.00105	.1205	.51365
%RSD	2.7211	.0652	11.335	9.0083	4.1370
#1	.12580	2.878	.00867	1.2049	-12.271
#2	.12694	2.875	.00861	1.3677	-11.991
#3	.13234	2.874	.01046	1.4402	-12.987
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2780.6	31277.	2371.4	33.821	2556.7
Stddev	4.5	46.	9.4	.419	1.3
%RSD	.16318	.14654	.39623	1.2395	.05082
#1	2775.3	31330.	2379.6	33.337	2555.9
#2	2783.3	31255.	2373.5	34.059	2556.1
#3	2783.1	31246.	2361.1	34.066	2558.2

Sample Name: CCV07 Acquired: 6/27/2019 17:38:53 Type: Unk
Method: P4-ICP2(v3237) 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	5.0314	5.1341	5.0000	5.0527	5.0316	9.3656	9.9894	.25501
Stddev	.0158	.0062	.0084	.0165	.0101	.0194	.0149	.00016
%RSD	.31432	.12148	.16760	.32748	.20167	.20703	.14862	.06306
#1	5.0428	5.1271	5.0050	5.0337	5.0273	9.3475	10.004	.25510
#2	5.0133	5.1360	4.9903	5.0642	5.0432	9.3633	9.9744	.25511
#3	5.0380	5.1391	5.0048	5.0602	5.0242	9.3861	9.9898	.25482
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5105	24.894	.98721	2.5163	1.2520	5.0086	2.5424	24.325
Stddev	.0016	.067	.00064	.0016	.0027	.0023	.0022	.075
%RSD	.06356	.27016	.06517	.06294	.21696	.04649	.08772	.30919
#1	2.5099	24.869	.98795	2.5147	1.2549	5.0085	2.5403	24.334
#2	2.5093	24.843	.98689	2.5162	1.2515	5.0063	2.5447	24.246
#3	2.5123	24.970	.98678	2.5179	1.2496	5.0110	2.5420	24.396
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5057	1.2439	24.575	2.4907	2.5121	24.884	5.0808	4.9289
Stddev	.0017	.0018	.009	.0017	.0015	.119	.0057	.0519
%RSD	.06772	.14780	.03596	.06865	.06190	.47914	.11156	1.0537
#1	2.5047	1.2458	24.565	2.4910	2.5124	24.853	5.0798	4.9271
#2	2.5048	1.2422	24.575	2.4922	2.5135	24.784	5.0757	4.8779
#3	2.5077	1.2438	24.583	2.4888	2.5104	25.016	5.0869	4.9817
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1024	4.9375	5.0183	4.9508	4.7709	5.264	5.2996	F 4.0791
Stddev	.0228	.0074	.0072	.0133	.0152	.012	.0145	.0140
%RSD	.44630	.14934	.14349	.26885	.31882	.2251	.27323	.34234
#1	5.0900	4.9389	5.0101	4.9448	4.7684	5.257	5.3084	4.0902
#2	5.1287	4.9296	5.0238	4.9660	4.7872	5.278	5.3075	4.0634
#3	5.0884	4.9441	5.0210	4.9415	4.7571	5.257	5.2829	4.0836

Sample Name: CCV07 Acquired: 6/27/2019 17:38:53 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0115
Stddev	.6487
%RSD	32.250

#1	1.3108
#2	2.1326
#3	2.5911

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2442.9	27840.	2098.6	33.726	2458.9
Stddev	4.3	40.	6.5	1.449	3.4
%RSD	.17748	.14302	.30846	4.2961	.13743

#1	2443.3	27798.	2094.0	35.394	2459.8
#2	2447.0	27877.	2095.7	32.779	2461.8
#3	2438.3	27846.	2106.0	33.006	2455.2

Sample Name: CCB07 Acquired: 6/27/2019 17:42:51 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8366 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00175	-.00089	-.00062	-.00356	-.00171	-.02911	.00217	.00008
Stddev	.00454	.00122	.00057	.00275	.00155	.00943	.00062	.00009
%RSD	259.91	138.18	91.557	77.268	90.594	32.383	28.580	105.62
#1	-.00588	-.00228	.00003	-.00098	-.00169	-.02843	.00289	-.00001
#2	.00311	.00002	-.00103	-.00324	-.00327	-.02004	.00185	.00017
#3	-.00247	-.00040	-.00087	-.00645	-.00017	-.03885	.00178	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.01520	.00021	-.00017	-.00085	.00161	-.00004	-.03688
Stddev	.00012	.01308	.00038	.00029	.00001	.00055	.00002	.02254
%RSD	426.80	86.027	181.64	164.85	.75662	33.763	61.372	61.105
#1	.00014	-.00645	-.00021	-.00033	-.00086	.00217	-.00006	-.05971
#2	-.00010	-.00891	.00032	.00016	-.00084	.00108	-.00005	-.03629
#3	.00005	-.03023	.00053	-.00035	-.00085	.00160	-.00001	-.01465
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	-.00012	.03777	-.00057	-.00011	.01528	.00024	.01496
Stddev	.00022	.00064	.00668	.00030	.00003	.05555	.00011	.01136
%RSD	27.374	527.37	17.675	52.136	25.987	363.43	44.236	75.930
#1	.00105	-.00040	.04373	-.00023	-.00009	.01138	.00033	.02683
#2	.00074	-.00057	.03056	-.00070	-.00009	.07268	.00012	.01387
#3	.00063	.00061	.03903	-.00078	-.00014	-.03821	.00028	.00419
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00372	.00154	.00018	.00172	-.00322	-.0037	.00013	F 3.5112
Stddev	.00340	.00593	.00071	.00233	.00225	.0013	.00026	.1045
%RSD	91.428	384.22	395.13	135.94	69.858	36.04	198.83	2.9759
#1	.00730	-.00161	.00077	.00254	-.00134	-.0052	.00005	3.5211
#2	.00334	.00838	.00038	.00352	-.00571	-.0028	-.00008	3.4021
#3	.00053	-.00214	-.00061	-.00092	-.00261	-.0031	.00042	3.6103

Sample Name: CCB07 Acquired: 6/27/2019 17:42:51 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8366 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .92468
Stddev	1.2634
%RSD	136.63

#1	.31158
#2	2.3776
#3	.08483

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2523.4	28339.	2090.6	34.605	2765.4
Stddev	7.5	75.	18.2	1.765	12.6
%RSD	.29809	.26517	.87083	5.1012	.45528

#1	2517.3	28256.	2078.7	32.575	2754.1
#2	2521.1	28403.	2081.7	35.777	2763.0
#3	2531.8	28357.	2111.6	35.464	2779.0

Sample Name: K3507-03 Acquired: 6/27/2019 17:47:20 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01513	-.00131	.36039	.00979	.00088	59.056	.46878
Stddev	.00386	.00071	.00287	.00066	.00046	.075	.00068
%RSD	25.541	54.232	.79540	6.7441	52.807	.12756	.14558

#1	.01377	-.00194	.35733	.01042	.00089	58.986	.46800
#2	.01213	-.00054	.36302	.00987	.00041	59.045	.46907
#3	.01949	-.00147	.36081	.00910	.00133	59.136	.46927

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00573	-.00149	37.464	.12899	.08154	.54822	165.85
Stddev	.00016	.00015	.041	.00059	.00032	.00053	.57
%RSD	2.7301	10.074	.11067	.45555	.38857	.09718	.34233

#1	.00586	-.00146	37.436	.12934	.08189	.54875	165.96
#2	.00578	-.00165	37.511	.12831	.08127	.54768	166.35
#3	.00556	-.00136	37.444	.12932	.08148	.54824	165.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5484	28.758	.10501	-.01381	5.3235	.26354	.58588
Stddev	.0049	.052	.00057	.00030	.0126	.00264	.00047
%RSD	.19092	.18017	.54314	2.1472	.23722	1.0013	.08011

#1	2.5522	28.742	.10453	-.01404	5.3175	.26585	.58625
#2	2.5502	28.716	.10564	-.01347	5.3150	.26409	.58535
#3	2.5430	28.816	.10487	-.01391	5.3380	.26066	.58604

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.416	.00630	.22138	5.9624	2.2719	.01389	2.6547
Stddev	.028	.00007	.01603	.0142	.0269	.00016	.0154
%RSD	.27128	1.1339	7.2415	.23780	1.1838	1.1613	.57885

#1	10.395	.00627	.20499	5.9754	2.2505	.01408	2.6372
#2	10.448	.00625	.22214	5.9473	2.3021	.01378	2.6662
#3	10.404	.00639	.23702	5.9646	2.2632	.01382	2.6605

Sample Name: K3507-03 Acquired: 6/27/2019 17:47:20 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-07-062619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09222	4.098	-.03171	.17809	F<.00000
Stddev	.00177	.007	.00062	.01938	.63267
%RSD	1.9223	.1835	1.9644	10.881	3.0320
#1	.09102	4.106	-.03238	.20013	-21.596
#2	.09426	4.091	-.03158	.17043	-20.484
#3	.09139	4.099	-.03116	.16372	-20.518
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2941.0	33040.	2498.7	34.103	2525.7
Stddev	3.8	128.	17.4	1.090	5.3
%RSD	.12995	.38798	.69618	3.1947	.20827
#1	2942.6	33004.	2500.2	33.539	2528.7
#2	2943.7	32934.	2480.5	33.412	2528.7
#3	2936.6	33182.	2515.2	35.359	2519.6

Sample Name: K3509-01 Acquired: 6/27/2019 17:51:40 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-06-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46023	.02468	.39721	-.11741	.03158	109.45	.54866
Stddev	.00284	.00185	.00075	.00501	.00028	.44	.00232
%RSD	.61604	7.4880	.18818	4.2669	.87718	.40054	.42300

#1	.46289	.02631	.39716	-.11372	.03182	109.41	.54804
#2	.46056	.02267	.39799	-.12312	.03127	109.04	.54671
#3	.45725	.02506	.39650	-.11540	.03163	109.91	.55123

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05081	.05937	23.662	.69797	.13378	.30295	757.27
Stddev	.00040	.00045	.113	.00228	.00047	.00105	1.62
%RSD	.79452	.75783	.47547	.32673	.34809	.34621	.21331

#1	.05124	.05979	23.784	.69794	.13424	.30389	758.37
#2	.05073	.05943	23.563	.69570	.13380	.30315	755.41
#3	.05044	.05889	23.638	.70026	.13330	.30182	758.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4919	21.115	.12120	-.13221	3.5159	2.2945	1.0514
Stddev	.0034	.177	.00106	.00037	.0305	.0022	.0037
%RSD	.06131	.83998	.87289	.27669	.86592	.09441	.35452

#1	5.4954	21.037	.12001	-.13254	3.5310	2.2969	1.0547
#2	5.4888	20.991	.12154	-.13228	3.4809	2.2937	1.0521
#3	5.4914	21.319	.12204	-.13182	3.5359	2.2928	1.0473

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.731	-.00090	.30531	5.9073	2.6948	.03168	.87473
Stddev	.120	.00053	.01575	.0150	.0026	.00159	.01083
%RSD	.52978	59.452	5.1599	.25460	.09566	5.0127	1.2376

#1	22.870	-.00030	.32174	5.9116	2.6926	.03152	.86353
#2	22.659	-.00133	.29033	5.9198	2.6941	.03335	.87554
#3	22.665	-.00105	.30386	5.8906	2.6977	.03018	.88513

Sample Name: K3509-01 Acquired: 6/27/2019 17:51:40 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-06-062619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06861	F 16.86	-.69191	<.00000	F<.00000
Stddev	.00098	.02	.00151	.25773	1.3009
%RSD	1.4270	.1044	.21806	2.5263	.36169

#1	.06916	16.85	-.69338	-9.9072	-358.23
#2	.06748	16.88	-.69037	-10.315	-360.73
#3	.06920	16.84	-.69199	-10.384	-360.11

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2813.7	31594.	2454.5	31.129	2116.2
Stddev	6.5	74.	7.0	2.293	6.3
%RSD	.23137	.23462	.28591	7.3677	.29694

#1	2807.3	31518.	2449.7	31.546	2109.5
#2	2813.6	31598.	2451.3	28.656	2117.4
#3	2820.3	31666.	2462.6	33.185	2121.9

Sample Name: K3509-03 Acquired: 6/27/2019 17:56:07 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-06-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25410	.02595	.33993	-.04745	.02099	89.979	.28010
Stddev	.00366	.00146	.00193	.00160	.00258	.240	.00214
%RSD	1.4386	5.6323	.56799	3.3684	12.276	.26688	.76260

#1	.25716	.02427	.33820	-.04909	.02382	89.825	.27767
#2	.25005	.02667	.33959	-.04590	.02038	90.255	.28095
#3	.25509	.02691	.34201	-.04737	.01878	89.855	.28167

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03558	.02524	19.980	.50765	.09063	.24708	651.12
Stddev	.00016	.00030	.059	.00081	.00035	.00101	2.16
%RSD	.44212	1.2041	.29327	.15981	.38103	.40770	.33123

#1	.03551	.02522	19.948	.50674	.09057	.24806	648.64
#2	.03546	.02556	19.944	.50790	.09100	.24605	652.53
#3	.03576	.02495	20.047	.50830	.09032	.24711	652.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6440	16.443	.06567	-.08665	3.7783	1.6644	.76720
Stddev	.0056	.187	.00083	.00111	.0295	.0045	.00239
%RSD	.15352	1.1402	1.2569	1.2763	.77977	.27269	.31134

#1	3.6484	16.229	.06478	-.08637	3.7575	1.6634	.76802
#2	3.6460	16.577	.06581	-.08787	3.8120	1.6693	.76907
#3	3.6377	16.524	.06641	-.08571	3.7653	1.6603	.76451

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.344	.00174	.26323	4.2932	2.7113	.02747	.85812
Stddev	.125	.00032	.00490	.0231	.0191	.00091	.00532
%RSD	.81261	18.596	1.8624	.53746	.70375	3.3072	.62010

#1	15.207	.00175	.26632	4.2675	2.7172	.02643	.85328
#2	15.450	.00207	.26579	4.3121	2.7266	.02812	.86382
#3	15.377	.00142	.25757	4.3002	2.6899	.02786	.85727

Sample Name: K3509-03 Acquired: 6/27/2019 17:56:07 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-06-062619 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05045	F 11.59	-.60299	<.00000	F<.00000
Stddev	.00179	.03	.00229	.12767	3.7443
%RSD	3.5453	.2799	.37940	2.0620	1.5659

#1	.04988	11.56	-.60035	-6.2110	-242.29
#2	.04902	11.63	-.60421	-6.0548	-240.06
#3	.05246	11.58	-.60442	-6.3078	-234.98

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2786.1	31189.	2383.2	33.114	2266.1
Stddev	8.4	84.	4.6	1.086	7.6
%RSD	.30133	.27000	.19106	3.2783	.33372

#1	2778.6	31284.	2379.2	32.047	2264.9
#2	2784.5	31159.	2388.1	34.218	2259.2
#3	2795.2	31124.	2382.3	33.078	2274.2

Sample Name: K3509-03DUP Acquired: 6/27/2019 18:00:24 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-06-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24432	.02798	.33578	-.04558	.01947	86.685	.27840
Stddev	.00165	.00251	.00066	.00384	.00148	.519	.00254
%RSD	.67433	8.9550	.19591	8.4239	7.5780	.59838	.91259

#1	.24557	.02696	.33502	-.04925	.01942	86.098	.27566
#2	.24495	.03083	.33617	-.04159	.02096	86.874	.27888
#3	.24246	.02613	.33614	-.04591	.01801	87.083	.28067

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03403	.02239	18.990	.48966	.08699	.24770	637.57
Stddev	.00060	.00042	.097	.00149	.00035	.00079	1.26
%RSD	1.7519	1.8543	.50876	.30348	.40741	.32048	.19796

#1	.03450	.02283	19.034	.49069	.08730	.24705	636.37
#2	.03336	.02231	19.056	.48796	.08660	.24747	637.45
#3	.03422	.02201	18.879	.49034	.08706	.24859	638.89

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5062	15.775	.06275	-.08426	3.6999	1.6047	.72204
Stddev	.0036	.197	.00130	.00074	.0598	.0026	.00221
%RSD	.10120	1.2462	2.0783	.88356	1.6162	.16430	.30654

#1	3.5061	15.603	.06127	-.08448	3.6665	1.6061	.72130
#2	3.5098	15.734	.06373	-.08343	3.6642	1.6017	.72029
#3	3.5027	15.989	.06326	-.08487	3.7689	1.6064	.72453

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.794	.00110	.27489	4.3975	2.8261	.02584	.86619
Stddev	.154	.00022	.02234	.0115	.0301	.00201	.00425
%RSD	1.0403	19.966	8.1254	.26066	1.0644	7.7946	.49065

#1	14.707	.00135	.28268	4.4107	2.8457	.02635	.86723
#2	14.704	.00095	.29229	4.3896	2.8412	.02755	.86981
#3	14.972	.00101	.24971	4.3922	2.7915	.02362	.86151

Sample Name: K3509-03DUP Acquired: 6/27/2019 18:00:24 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-06-062619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04858	F 11.17	-.58737	<.00000	F<.00000
Stddev	.00150	.04	.00139	.11817	2.5359
%RSD	3.0882	.3638	.23593	2.0831	1.1086

#1	.05031	11.21	-.58650	-5.7382	-225.97
#2	.04779	11.17	-.58664	-5.5364	-230.94
#3	.04764	11.13	-.58897	-5.7438	-229.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2794.6	31236.	2381.9	33.682	2291.1
Stddev	10.4	63.	15.0	1.609	6.8
%RSD	.37211	.20160	.62810	4.7762	.29882

#1	2805.1	31245.	2371.2	34.524	2294.5
#2	2794.4	31295.	2375.6	31.827	2295.7
#3	2784.4	31170.	2399.0	34.695	2283.3

Sample Name: K3509-03LX5 Acquired: 6/27/2019 18:04:41 Type: Unk
Method: P4-ICP2(v3237) 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	.05909	.01230	.04950	.01103	.00378	19.325	.06383
Stddev	.00234	.00140	.00150	.00223	.00288	.198	.00042
%RSD	3.9632	11.389	3.0224	20.256	76.117	1.0264	.65902

#1	.05669	.01079	.04870	.00854	.00691	19.137	.06349
#2	.06137	.01356	.05123	.01167	.00126	19.307	.06369
#3	.05920	.01255	.04858	.01287	.00316	19.532	.06430

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00474	-.00542	4.2416	.10883	.01674	.04811	202.91
Stddev	.00014	.00018	.0054	.00082	.00011	.00076	1.40
%RSD	2.8490	3.2859	.12834	.75604	.66050	1.5825	.68759

#1	.00488	-.00552	4.2472	.10802	.01682	.04899	203.61
#2	.00475	-.00521	4.2413	.10967	.01678	.04774	201.31
#3	.00461	-.00552	4.2363	.10878	.01661	.04761	203.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81075	3.5152	.00828	-.01175	.82305	.37172	.11820
Stddev	.00074	.0230	.00076	.00081	.00574	.00300	.00070
%RSD	.09128	.65523	9.1523	6.9033	.69776	.80730	.59577

#1	.81112	3.5288	.00852	-.01135	.82698	.36915	.11823
#2	.81122	3.4886	.00889	-.01268	.81646	.37502	.11890
#3	.80989	3.5282	.00743	-.01122	.82572	.37099	.11749

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2283	-.00040	.16610	.84993	.66408	.00535	.19616
Stddev	.0411	.00029	.00689	.00268	.01453	.00018	.00243
%RSD	1.2742	72.982	4.1495	.31545	2.1886	3.3347	1.2381

#1	3.1937	-.00070	.16119	.84765	.66305	.00517	.19870
#2	3.2738	-.00036	.16313	.84926	.67909	.00535	.19591
#3	3.2174	-.00013	.17398	.85288	.65008	.00553	.19387

Sample Name: K3509-03LX5 Acquired: 6/27/2019 18:04:41 Type: Unk
Method: P4-ICP2(v3237) 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	.00752	2.132	-.19752	2.0960	F<.00000
Stddev	.00403	.006	.00144	.0795	.58157
%RSD	53.550	.2818	.73055	3.7908	3.3992

#1	.01027	2.134	-.19829	2.1851	-17.000
#2	.00290	2.125	-.19585	2.0324	-17.738
#3	.00939	2.137	-.19841	2.0705	-16.590

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2587.6	29044.	2158.8	34.990	2586.6
Stddev	4.2	36.	16.5	.976	6.5
%RSD	.16146	.12513	.76518	2.7879	.25185

#1	2588.7	29002.	2140.0	34.241	2584.9
#2	2591.0	29071.	2165.2	36.093	2593.8
#3	2582.9	29057.	2171.2	34.636	2581.1

Sample Name: K3509-03MS Acquired: 6/27/2019 18:09:09 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-06-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89919	2.1014	1.3884	1.5765	.16449	96.654	.46993
Stddev	.00531	.0039	.0037	.0069	.00108	.387	.00192
%RSD	.59062	.18641	.26752	.44106	.65637	.40084	.40890

#1	.89312	2.0992	1.3916	1.5738	.16327	96.446	.46804
#2	.90146	2.0990	1.3892	1.5844	.16490	96.415	.46988
#3	.90299	2.1059	1.3843	1.5713	.16531	97.101	.47188

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21076	.22907	19.905	.85567	.30007	.50581	632.33
Stddev	.00017	.00027	.118	.00083	.00108	.00181	1.36
%RSD	.08260	.11789	.59147	.09748	.35866	.35746	.21437

#1	.21056	.22928	19.769	.85650	.30002	.50533	633.08
#2	.21086	.22876	19.966	.85568	.30117	.50430	633.13
#3	.21085	.22915	19.980	.85483	.29902	.50782	630.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4751	19.181	.59814	-.01511	6.7028	1.9189	.95832
Stddev	.0043	.063	.00170	.00064	.0331	.0014	.00078
%RSD	.12363	.33075	.28426	4.2639	.49376	.07234	.08140

#1	3.4749	19.147	.59725	-.01454	6.6815	1.9176	.95879
#2	3.4709	19.142	.59706	-.01498	6.6860	1.9204	.95742
#3	3.4795	19.254	.60010	-.01581	6.7410	1.9189	.95874

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.186	.30196	.50692	3.7824	3.2988	.72288	1.1106
Stddev	.178	.00025	.00665	.0211	.0300	.00265	.0089
%RSD	.65585	.08204	1.3111	.55848	.91066	.36653	.80020

#1	27.008	.30172	.49925	3.7682	3.3240	.72002	1.1206
#2	27.187	.30196	.51077	3.7722	3.3068	.72339	1.1075
#3	27.364	.30222	.51075	3.8066	3.2656	.72525	1.1036

Sample Name: K3509-03MS Acquired: 6/27/2019 18:09:09 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-06-062619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23614	F 17.67	-.33878	<.00000	F<.00000
Stddev	.00258	.04	.00246	.15999	4.8739
%RSD	1.0937	.2091	.72717	3.1751	2.1550
#1	.23480	17.70	-.34033	-4.9870	-224.47
#2	.23449	17.63	-.34006	-5.2184	-222.37
#3	.23911	17.69	-.33593	-4.9113	-231.66
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2773.9	31176.	2349.0	32.834	2257.2
Stddev	6.3	61.	14.7	1.168	3.2
%RSD	.22676	.19505	.62391	3.5583	.14057
#1	2778.2	31150.	2349.0	32.518	2257.5
#2	2766.6	31132.	2334.3	34.127	2253.8
#3	2776.7	31245.	2363.6	31.855	2260.2

Sample Name: K3509-03MSD Acquired: 6/27/2019 18:13:21 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-06-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90880	2.1139	1.3909	1.5706	.16806	98.419	.47454
Stddev	.00689	.0024	.0040	.0060	.00110	.457	.00283
%RSD	.75852	.11305	.28852	.38483	.65607	.46479	.59678

#1	.90160	2.1165	1.3935	1.5637	.16776	98.173	.47376
#2	.90947	2.1117	1.3929	1.5749	.16714	98.947	.47769
#3	.91534	2.1136	1.3863	1.5732	.16928	98.137	.47219

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21301	.23077	20.540	.86580	.30204	.51541	642.62
Stddev	.00092	.00120	.095	.00086	.00125	.00122	2.25
%RSD	.43137	.51974	.46472	.09891	.41402	.23609	.35080

#1	.21207	.22963	20.616	.86489	.30174	.51407	641.38
#2	.21391	.23202	20.570	.86593	.30342	.51573	645.22
#3	.21305	.23064	20.433	.86659	.30098	.51644	641.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5788	19.521	.60291	-.02072	6.7422	1.9614	.96732
Stddev	.0101	.274	.00203	.00070	.0352	.0020	.00387
%RSD	.28124	1.4040	.33730	3.3962	.52279	.10328	.39959

#1	3.5786	19.226	.60463	-.02082	6.7038	1.9592	.96430
#2	3.5688	19.767	.60344	-.01997	6.7731	1.9632	.97167
#3	3.5889	19.571	.60066	-.02136	6.7496	1.9618	.96598

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.449	.30231	.53538	3.8609	3.1945	.72627	1.1206
Stddev	.141	.00033	.02756	.0020	.0510	.00179	.0008
%RSD	.51543	.11022	5.1481	.05089	1.5962	.24579	.07130

#1	27.326	.30222	.54846	3.8604	3.2529	.72473	1.1205
#2	27.604	.30268	.50371	3.8631	3.1592	.72584	1.1214
#3	27.418	.30203	.55396	3.8593	3.1713	.72822	1.1198

Sample Name: K3509-03MSD Acquired: 6/27/2019 18:13:21 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-06-062619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23824	F 18.10	-.35012	<.00000	F<.00000
Stddev	.00045	.02	.00222	.26343	4.1588
%RSD	.18914	.1013	.63463	4.8640	1.7784

#1	.23868	18.10	-.34921	-5.4362	-236.62
#2	.23778	18.11	-.35265	-5.6686	-229.07
#3	.23825	18.08	-.34850	-5.1429	-235.87

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2774.0	31103.	2349.4	31.559	2248.9
Stddev	11.9	34.	19.6	1.067	6.5
%RSD	.43039	.10949	.83548	3.3808	.29046

#1	2787.4	31075.	2327.2	30.411	2253.6
#2	2764.6	31093.	2364.4	31.745	2241.5
#3	2770.1	31141.	2356.6	32.521	2251.7

Sample Name: K3509-03A Acquired: 6/27/2019 18:17:33 Type: Unk
Method: P4-ICP2(v3237) 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	.89830	2.0901	1.3766	1.5683	.16815	94.360	.45730
Stddev	.00556	.0050	.0010	.0045	.00414	2.050	.01493
%RSD	.61925	.23894	.07173	.28692	2.4612	2.1723	3.2641

#1	.89188	2.0852	1.3768	1.5705	.16355	94.665	.45898
#2	.90162	2.0952	1.3755	1.5713	.17157	92.175	.44161
#3	.90140	2.0900	1.3774	1.5632	.16934	96.240	.47132

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21148	.22695	19.890	.85870	.29833	.50864	637.44
Stddev	.00115	.00004	.135	.00099	.00028	.00163	.78
%RSD	.54528	.01911	.67820	.11570	.09433	.31995	.12199

#1	.21243	.22690	19.974	.85928	.29808	.51052	638.11
#2	.21181	.22696	19.961	.85927	.29829	.50775	636.59
#3	.21020	.22699	19.734	.85756	.29863	.50765	637.63

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4961	18.920	.59577	-.01749	6.5334	1.9296	.95166
Stddev	.0016	.603	.00136	.00058	.1597	.0014	.00262
%RSD	.04484	3.1847	.22888	3.3175	2.4444	.06982	.27519

#1	3.4979	18.843	.59515	-.01699	6.5250	1.9297	.94923
#2	3.4954	18.360	.59484	-.01813	6.3781	1.9309	.95443
#3	3.4950	19.558	.59734	-.01734	6.6972	1.9282	.95132

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.763	.30181	.54148	3.7553	3.3280	.71991	1.0930
Stddev	.714	.00043	.02890	.0150	.1210	.00195	.0119
%RSD	2.6686	.14346	5.3364	.39912	3.6345	.27137	1.0915

#1	26.789	.30131	.55491	3.7642	3.3718	.71766	1.0826
#2	26.036	.30207	.56123	3.7638	3.4209	.72088	1.0904
#3	27.464	.30204	.50832	3.7380	3.1912	.72119	1.1060

Sample Name: K3509-03A Acquired: 6/27/2019 18:17:33 Type: Unk
 Method: P4-ICP2(v3237) 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	.23818	F 17.67	-.34651	<.00000	F<.00000
Stddev	.00308	.02	.00183	.25874	1.0728
%RSD	1.2916	.1362	.52715	5.1205	.47047
#1	.23524	17.65	-.34857	-4.7660	-228.75
#2	.24137	17.69	-.34510	-5.1247	-228.56
#3	.23794	17.66	-.34586	-5.2683	-226.80
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2772.9	31066.	2298.0	31.821	2262.8
Stddev	3.4	44.	63.9	1.745	4.7
%RSD	.12295	.14250	2.7797	5.4838	.20646
#1	2776.7	31016.	2292.1	32.044	2267.8
#2	2770.1	31101.	2237.3	29.976	2258.5
#3	2771.9	31080.	2364.6	33.444	2262.0

Sample Name: K3526-11 Acquired: 6/27/2019 18:21:45 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	-.00161	.01122	.00265	-.00101	.12383	.32510	.00009
Stddev	.00188	.00153	.00038	.00045	.00142	.00886	.00242	.00006
%RSD	388.23	95.254	3.3721	17.085	140.05	7.1580	.74435	72.447

#1	-.00220	-.00325	.01112	.00317	-.00129	.11367	.32295	.00012
#2	-.00079	-.00021	.01090	.00234	.00052	.13000	.32464	.00013
#3	.00153	-.00136	.01163	.00244	-.00227	.12782	.32772	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	29.823	.00075	-.00026	.00224	.04096	.09463	3.4625
Stddev	.00013	.218	.00042	.00014	.00043	.00120	.00051	.0642
%RSD	26.403	.73046	55.818	54.595	19.081	2.9391	.53415	1.8533

#1	.00034	29.582	.00085	-.00028	.00181	.04234	.09518	3.4472
#2	.00059	29.882	.00029	-.00039	.00267	.04018	.09419	3.5330
#3	.00051	30.005	.00111	-.00011	.00225	.04034	.09453	3.4074

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00023	351.45	-.00000	.13794	1.2604	-.00019	.08994
Stddev	.00054	.00014	3.45	.00051	.00009	.0186	.00041	.01740
%RSD	154.96	63.610	.98288	12459.	.06820	1.4740	220.33	19.349

#1	-.00081	.00014	347.61	-.00042	.13799	1.2456	-.00014	.10449
#2	-.00049	.00015	352.44	-.00015	.13784	1.2543	.00020	.07066
#3	.00025	.00039	354.30	.00056	.13801	1.2813	-.00062	.09467

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68587	1.8819	.00174	.00165	-.00218	.0149	.20182	4.6399
Stddev	.00478	.0097	.00096	.00253	.00033	.0011	.00029	.1407
%RSD	.69703	.51363	55.392	152.96	15.187	7.109	.14207	3.0318

#1	.69080	1.8919	.00070	-.00120	-.00224	.0142	.20162	4.5369
#2	.68126	1.8726	.00261	.00361	-.00182	.0144	.20169	4.8002
#3	.68556	1.8812	.00191	.00255	-.00247	.0161	.20215	4.5827

Sample Name: K3526-11 Acquired: 6/27/2019 18:21:45 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.5872
 Stddev .7747
 %RSD 10.210

#1 6.9968
 #2 7.3005
 #3 8.4644

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2336.2	26257.	2052.2	32.964	2341.3
Stddev	10.0	79.	6.4	1.442	6.2
%RSD	.42799	.30084	.31321	4.3759	.26510

#1	2328.9	26248.	2045.3	32.125	2336.3
#2	2332.0	26340.	2057.9	34.630	2339.4
#3	2347.6	26183.	2053.5	32.138	2348.3

Sample Name: K3526-12 Acquired: 6/27/2019 18:26:09 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-02-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00209	-.00153	.00552	-.00232	-.00275	.08165	.42960	.00012
Stddev	.00085	.00074	.00045	.00489	.00036	.00771	.00142	.00003
%RSD	40.712	48.170	8.1553	210.14	12.981	9.4375	.32993	21.579

#1	-.00137	-.00206	.00601	-.00474	-.00234	.08827	.42838	.00009
#2	-.00304	-.00185	.00512	-.00553	-.00299	.08349	.43116	.00013
#3	-.00187	-.00069	.00543	.00330	-.00293	.07319	.42927	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	60.301	.00111	.00174	.00007	.00514	.67159	4.4511
Stddev	.00008	.313	.00057	.00017	.00068	.00007	.00027	.0927
%RSD	100.90	.51903	51.049	9.6936	966.39	1.3123	.03977	2.0829

#1	-.00004	59.973	.00111	.00186	-.00024	.00507	.67181	4.3928
#2	-.00003	60.335	.00054	.00154	.00085	.00515	.67167	4.5580
#3	-.00018	60.596	.00168	.00180	-.00040	.00521	.67130	4.4024

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02072	-.00027	354.63	-.00204	.09723	1.5023	-.00028	.05309
Stddev	.00017	.00102	.60	.00009	.00009	.0515	.00029	.01780
%RSD	.82649	372.67	.16965	4.5937	.09503	3.4299	103.55	33.534

#1	.02089	-.00000	354.52	-.00196	.09734	1.4839	-.00053	.07357
#2	.02055	-.00141	355.28	-.00214	.09719	1.5605	-.00033	.04127
#3	.02073	.00058	354.09	-.00201	.09717	1.4626	.00003	.04444

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33344	.51938	.00262	.00073	.00114	-.0019	.13301	4.6739
Stddev	.00684	.00541	.00032	.00207	.00275	.0013	.00071	.0810
%RSD	2.0512	1.0422	12.248	285.72	241.85	68.57	.53513	1.7338

#1	.32735	.52452	.00283	-.00126	-.00112	-.0019	.13237	4.6628
#2	.33213	.51373	.00278	.00288	.00033	-.0006	.13378	4.7599
#3	.34084	.51989	.00225	.00056	.00421	-.0033	.13288	4.5989

Sample Name: K3526-12 Acquired: 6/27/2019 18:26:09 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-02-COMP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.4400
Stddev	.9512
%RSD	10.076

#1	8.5936
#2	10.469
#3	9.2569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2327.9	26275.	2017.6	33.383	2307.3
Stddev	13.5	45.	3.6	.368	11.6
%RSD	.57947	.17184	.18043	1.1035	.50269

#1	2326.9	26224.	2018.3	33.196	2310.5
#2	2314.9	26307.	2020.7	33.808	2294.5
#3	2341.8	26296.	2013.6	33.146	2317.0

Sample Name: CCV08 Acquired: 6/27/2019 18:30:33 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15188 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0493	5.2083	5.0029	5.1326	5.0391	9.3286	10.000	.25721
Stddev	.0056	.0097	.0210	.0184	.0040	.1307	.078	.00034
%RSD	.11038	.18531	.41956	.35919	.07914	1.4011	.77994	.13040
#1	5.0499	5.1972	4.9828	5.1131	5.0345	9.2089	9.9253	.25684
#2	5.0545	5.2148	5.0011	5.1497	5.0419	9.3087	9.9945	.25733
#3	5.0434	5.2128	5.0247	5.1349	5.0408	9.4680	10.081	.25748
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5361	25.396	1.0059	2.5316	1.2658	5.0998	2.5673	24.154
Stddev	.0056	.112	.0021	.0034	.0022	.0043	.0004	.243
%RSD	.22098	.44151	.20919	.13554	.17514	.08527	.01719	1.0044
#1	2.5297	25.275	1.0045	2.5276	1.2644	5.1025	2.5668	23.880
#2	2.5388	25.414	1.0049	2.5339	1.2683	5.0948	2.5677	24.236
#3	2.5399	25.497	1.0083	2.5332	1.2646	5.1021	2.5675	24.344
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5430	1.2630	24.906	2.5456	2.5213	25.294	5.1334	4.9769
Stddev	.0041	.0020	.211	.0034	.0058	.154	.0147	.0160
%RSD	.16259	.16132	.84863	.13379	.23151	.61045	.28732	.32178
#1	2.5401	1.2608	24.694	2.5495	2.5150	25.231	5.1216	4.9862
#2	2.5411	1.2636	24.908	2.5434	2.5226	25.182	5.1499	4.9584
#3	2.5477	1.2647	25.117	2.5438	2.5264	25.470	5.1286	4.9862
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1300	5.0588	5.0728	5.0106	4.8779	5.337	5.4036	F 4.1669
Stddev	.0053	.0118	.0108	.0240	.0332	.006	.0288	.0621
%RSD	.10429	.23270	.21257	.47847	.68079	.1069	.53339	1.4905
#1	5.1358	5.0582	5.0609	4.9841	4.8707	5.333	5.3770	4.2302
#2	5.1289	5.0708	5.0818	5.0308	4.8489	5.344	5.3995	4.1061
#3	5.1253	5.0473	5.0758	5.0170	4.9141	5.334	5.4343	4.1644

Sample Name: CCV08 Acquired: 6/27/2019 18:30:33 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15188 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7748
Stddev	.6377
%RSD	22.981

#1	2.1469
#2	3.4219
#3	2.7556

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2432.1	27634.	2050.0	33.092	2450.4
Stddev	7.2	83.	4.6	2.689	4.8
%RSD	.29596	.30143	.22458	8.1264	.19495

#1	2437.4	27689.	2045.9	32.221	2455.9
#2	2423.9	27674.	2055.0	30.947	2447.1
#3	2435.0	27538.	2049.2	36.109	2448.2

Sample Name: CCB08 Acquired: 6/27/2019 18:34:31 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15188 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	.00150	-.00075	-.00100	-.00282	-.01528	.00206	.00013
Stddev	.00117	.00014	.00156	.00161	.00083	.01198	.00090	.00005
%RSD	108.58	9.2277	207.68	160.86	29.451	78.357	43.580	39.002

#1	-.00041	.00143	-.00249	-.00182	-.00191	-.01326	.00308	.00018
#2	-.00040	.00165	.00054	.00085	-.00300	-.00445	.00170	.00008
#3	-.00243	.00141	-.00030	-.00203	-.00355	-.02814	.00139	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00679	.00062	-.00001	-.00057	.00139	-.00008	-.05916
Stddev	.00010	.03862	.00012	.00012	.00012	.00032	.00001	.03986
%RSD	451.55	569.16	18.676	980.38	20.959	22.953	9.7267	67.375

#1	.00013	.04860	.00062	.00009	-.00059	.00114	-.00009	-.08403
#2	-.00007	-.00070	.00073	-.00015	-.00068	.00128	-.00008	-.08027
#3	.00001	-.02754	.00050	.00002	-.00044	.00175	-.00007	-.01319

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	.00032	.07636	-.00094	-.00020	.05185	-.00004	F .02996
Stddev	.00023	.00107	.01223	.00013	.00007	.01809	.00040	.02038
%RSD	67.942	335.19	16.012	13.897	35.249	34.895	903.54	68.040

#1	.00018	-.00004	.07725	-.00079	-.00027	.06913	.00025	.04047
#2	.00023	.00152	.06371	-.00102	-.00020	.03304	.00012	.04294
#3	.00059	-.00053	.08811	-.00102	-.00013	.05337	-.00050	.00646

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00177	-.00030	-.00025	.00015	-.00208	-.0028	-.00004	F 3.8732
Stddev	.00662	.00095	.00078	.00376	.00226	.0004	.00019	.1399
%RSD	375.30	313.53	307.64	2465.2	108.31	15.51	437.01	3.6106

#1	-.00579	-.00096	-.00071	-.00288	.00047	-.0025	-.00023	4.0299
#2	.00656	-.00074	.00064	.00435	-.00293	-.0033	.00016	3.7611
#3	.00453	.00079	-.00069	-.00102	-.00380	-.0025	-.00006	3.8287

Sample Name: CCB08 Acquired: 6/27/2019 18:34:31 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15188 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.3943
Stddev	1.5805
%RSD	113.35

#1	1.4944
#2	-.23388
#3	2.9223

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2512.9	28137.	2040.4	35.158	2751.7
Stddev	8.6	51.	8.2	1.652	9.7
%RSD	.34200	.18265	.40259	4.6976	.35262

#1	2508.9	28078.	2033.5	33.252	2744.7
#2	2507.1	28167.	2038.3	36.166	2747.7
#3	2522.8	28167.	2049.5	36.057	2762.8

Sample Name: K3526-13 Acquired: 6/27/2019 18:39:00 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-03-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00241	-.00154	.00453	-.00035	-.00079	.03009	.21990	.00017
Stddev	.00192	.00337	.00099	.00623	.00064	.03220	.00243	.00004
%RSD	79.761	219.01	21.901	1769.9	81.631	106.99	1.1058	23.292

#1	-.00083	-.00380	.00367	-.00349	-.00152	-.00256	.21813	.00019
#2	-.00454	.00233	.00431	-.00439	-.00032	.03102	.22267	.00020
#3	-.00184	-.00314	.00561	.00682	-.00052	.06182	.21890	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	9.1718	.00119	.00317	.00039	.00465	.11896	1.2504
Stddev	.00003	.0314	.00034	.00040	.00054	.00037	.00043	.0522
%RSD	47.763	.34280	28.572	12.555	136.98	8.0188	.35749	4.1742

#1	-.00003	9.1831	.00155	.00282	-.00022	.00423	.11942	1.1919
#2	-.00008	9.1362	.00114	.00308	.00061	.00476	.11890	1.2921
#3	-.00007	9.1960	.00088	.00360	.00078	.00495	.11857	1.2671

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00850	.00019	336.79	-.00076	.09081	1.2200	.00000	.03768
Stddev	.00050	.00036	3.57	.00015	.00013	.0297	.00029	.03250
%RSD	5.9192	187.70	1.0600	19.548	.14573	2.4389	6565.9	86.265

#1	.00808	.00058	333.18	-.00068	.09083	1.2276	.00012	.00448
#2	.00906	-.00013	340.32	-.00094	.09066	1.2452	.00022	.03912
#3	.00835	.00013	336.85	-.00067	.09093	1.1872	-.00033	.06944

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24780	.61493	.00223	-.00027	-.00034	-.0010	.09165	4.5861
Stddev	.00230	.01367	.00105	.00099	.00127	.0024	.00045	.0274
%RSD	.92878	2.2227	47.034	365.99	375.99	248.0	.49476	.59704

#1	.24765	.62667	.00344	-.00110	-.00175	.0001	.09192	4.5832
#2	.25018	.59992	.00160	-.00053	.00071	.0007	.09113	4.6148
#3	.24558	.61819	.00165	.00082	.00002	-.0037	.09191	4.5603

Sample Name: K3526-13 Acquired: 6/27/2019 18:39:00 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-03-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.6094
 Stddev .7886
 %RSD 9.1594

#1 8.8397
 #2 9.2571
 #3 7.7313

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2337.8	26170.	1994.2	31.761	2349.0
Stddev	7.9	73.	18.8	1.254	11.4
%RSD	.33831	.27710	.94145	3.9472	.48439

#1	2336.0	26172.	1976.8	31.130	2347.8
#2	2346.5	26097.	2014.1	33.205	2360.9
#3	2331.0	26242.	1991.7	30.948	2338.3

Sample Name: K3526-14 Acquired: 6/27/2019 18:43:26 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-04-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	-.00153	.00793	-.00061	-.00242	.07665	.23218	.00010
Stddev	.00511	.00157	.00101	.00407	.00136	.02396	.00080	.00004
%RSD	2052.1	103.20	12.776	673.03	55.988	31.255	.34252	41.362

#1	.00552	-.00303	.00744	-.00529	-.00364	.05351	.23131	.00007
#2	-.00009	.00011	.00909	.00136	-.00268	.07510	.23286	.00014
#3	-.00468	-.00166	.00726	.00211	-.00096	.10135	.23237	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	17.302	.00118	.00051	.00205	.03449	.05698	3.7696
Stddev	.00008	.026	.00069	.00022	.00030	.00117	.00025	.1982
%RSD	1159.0	.15293	58.806	43.340	14.800	3.4005	.43165	5.2577

#1	-.00007	17.272	.00054	.00054	.00192	.03316	.05707	3.7930
#2	.00008	17.313	.00192	.00028	.00184	.03496	.05717	3.9551
#3	.00002	17.322	.00107	.00073	.00240	.03536	.05670	3.5608

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00338	.00014	345.76	-.00012	.09470	1.5353	-.00042	.06352
Stddev	.00035	.00057	1.03	.00010	.00031	.0124	.00020	.01054
%RSD	10.472	418.13	.29907	85.095	.32882	.81074	48.482	16.588

#1	.00311	-.00021	344.73	-.00002	.09505	1.5263	-.00064	.06158
#2	.00325	.00079	346.79	-.00011	.09450	1.5495	-.00023	.07489
#3	.00378	-.00017	345.75	-.00022	.09453	1.5301	-.00040	.05409

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18994	.91327	.00203	.00401	.00558	.0139	.09699	4.7296
Stddev	.00489	.00392	.00055	.00179	.00221	.0016	.00043	.0874
%RSD	2.5733	.42963	27.234	44.589	39.712	11.81	.44267	1.8477

#1	.19554	.91760	.00151	.00598	.00583	.0151	.09694	4.6472
#2	.18770	.90995	.00261	.00248	.00765	.0120	.09659	4.7203
#3	.18657	.91227	.00196	.00358	.00324	.0145	.09744	4.8212

Sample Name: K3526-14 Acquired: 6/27/2019 18:43:26 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-04-COMP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.0606
Stddev .1500
%RSD 1.6553

#1 8.9099
#2 9.0621
#3 9.2098

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2331.1	26288.	2016.0	32.760	2335.4
Stddev	3.1	40.	7.6	.413	3.1
%RSD	.13301	.15274	.37462	1.2614	.13075

#1	2332.3	26290.	2008.7	32.291	2338.1
#2	2333.5	26246.	2023.8	33.070	2336.0
#3	2327.6	26326.	2015.4	32.918	2332.1

Sample Name: K3526-15 Acquired: 6/27/2019 18:47:51 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-05-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	-.00164	.00732	.00118	-.00301	.00788	.30286	.00015
Stddev	.00223	.00065	.00150	.00251	.00201	.01866	.00165	.00013
%RSD	308.36	39.664	20.411	212.62	66.886	236.86	.54614	88.452

#1	.00009	-.00191	.00683	-.00146	-.00514	.01057	.30423	.00030
#2	-.00325	-.00090	.00900	.00354	-.00274	.02505	.30333	.00013
#3	.00099	-.00212	.00614	.00147	-.00114	-.01198	.30102	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	10.701	.00128	-.00013	.00025	.00605	.01445	1.2961
Stddev	.00005	.023	.00017	.00008	.00018	.00081	.00014	.0663
%RSD	59.006	.21376	13.146	62.917	71.729	13.459	.98591	5.1125

#1	-.00006	10.717	.00119	-.00004	.00040	.00682	.01457	1.2388
#2	-.00015	10.711	.00117	-.00019	.00005	.00612	.01430	1.2809
#3	-.00006	10.675	.00147	-.00018	.00031	.00520	.01449	1.3687

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	-.00061	366.57	-.00043	.11351	1.0533	-.00032	.05800
Stddev	.00041	.00037	1.76	.00035	.00038	.0543	.00025	.00407
%RSD	58.911	60.309	.47947	80.058	.33680	5.1511	77.853	7.0250

#1	.00102	-.00047	368.58	-.00064	.11327	1.0293	-.00012	.05999
#2	.00023	-.00033	365.31	-.00062	.11332	1.1154	-.00024	.05331
#3	.00086	-.00103	365.82	-.00003	.11395	1.0151	-.00060	.06069

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30414	.70785	.00143	.00008	.00347	.0030	.05827	4.7146
Stddev	.00235	.01022	.00092	.00177	.00207	.0027	.00019	.0729
%RSD	.77382	1.4439	64.616	2108.7	59.512	89.34	.33466	1.5470

#1	.30214	.71664	.00081	.00130	.00120	.0002	.05842	4.6727
#2	.30673	.69663	.00099	.00089	.00524	.0033	.05833	4.6724
#3	.30354	.71027	.00249	-.00194	.00398	.0056	.05805	4.7989

Sample Name: K3526-15 Acquired: 6/27/2019 18:47:51 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-05-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.0446
 Stddev .7642
 %RSD 8.4495

#1 8.4469
 #2 8.7811
 #3 9.9057

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2318.8	26191.	1998.1	34.413	2327.9
Stddev	14.1	127.	8.7	.148	10.9
%RSD	.60708	.48443	.43653	.42877	.46677

#1	2327.8	26061.	1991.0	34.567	2333.8
#2	2326.1	26315.	2007.8	34.273	2334.4
#3	2302.6	26197.	1995.4	34.400	2315.3

Sample Name: K3528-11 Acquired: 6/27/2019 18:52:23 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-06-COMP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	-.00113	.01289	.00132	-.00148	.83811	.35124	.00016
Stddev	.00254	.00045	.00078	.00216	.00108	.01936	.00445	.00008
%RSD	838.75	40.269	6.0774	163.01	73.139	2.3105	1.2667	50.426

#1	.00059	-.00061	.01199	.00364	-.00127	.85869	.34618	.00008
#2	.00168	-.00131	.01342	-.00062	-.00052	.83541	.35455	.00016
#3	-.00317	-.00146	.01326	.00095	-.00265	.82024	.35299	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	13.691	.00271	.00116	.00346	.72774	.11641	2.7374
Stddev	.00005	.080	.00021	.00007	.00035	.00332	.00017	.0420
%RSD	83.715	.58731	7.7621	5.7941	10.215	.45620	.14850	1.5341

#1	-.00000	13.602	.00253	.00108	.00306	.72393	.11625	2.7749
#2	-.00009	13.758	.00266	.00119	.00361	.72934	.11659	2.6920
#3	-.00009	13.713	.00294	.00120	.00372	.72996	.11640	2.7453

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00775	.00057	387.09	.00152	.15537	.84947	-.00054	.06992
Stddev	.00037	.00069	3.02	.00053	.00028	.04997	.00035	.01470
%RSD	4.7965	120.34	.77995	34.686	.17777	5.8819	64.990	21.027

#1	.00732	.00089	384.24	.00160	.15522	.80117	-.00030	.05295
#2	.00802	.00105	386.79	.00199	.15521	.90095	-.00037	.07798
#3	.00790	-.00022	390.25	.00095	.15569	.84631	-.00094	.07882

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33129	1.8511	.00249	.02841	.00464	.1723	.07174	4.7649
Stddev	.00424	.0158	.00071	.00109	.00245	.0029	.00042	.1783
%RSD	1.2805	.85128	28.711	3.8321	52.770	1.695	.58120	3.7421

#1	.32991	1.8667	.00240	.02775	.00391	.1723	.07201	4.5766
#2	.33605	1.8513	.00182	.02967	.00264	.1695	.07194	4.9311
#3	.32791	1.8352	.00324	.02782	.00736	.1753	.07126	4.7871

Sample Name: K3528-11 Acquired: 6/27/2019 18:52:23 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-06-COMP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.4055
Stddev	.8726
%RSD	9.2775

#1	9.5325
#2	8.4763
#3	10.208

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2334.7	26204.	1994.5	31.671	2339.4
Stddev	5.2	35.	17.1	.593	.8
%RSD	.22270	.13353	.85864	1.8729	.03413

#1	2337.5	26225.	1974.8	31.095	2338.8
#2	2328.7	26224.	2002.8	32.280	2339.0
#3	2337.9	26164.	2005.8	31.639	2340.3

Sample Name: K3528-12 Acquired: 6/27/2019 18:56:51 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-07-COMP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00258	-.00144	.00592	.00030	-.00184	.10699	.33125	.00025
Stddev	.00097	.00266	.00168	.00074	.00219	.00624	.00425	.00008
%RSD	37.857	184.44	28.302	249.51	119.33	5.8359	1.2824	31.010

#1	-.00206	.00019	.00707	.00030	-.00177	.10271	.32678	.00026
#2	-.00370	-.00001	.00669	.00103	.00032	.11416	.33173	.00032
#3	-.00197	-.00451	.00400	-.00045	-.00406	.10412	.33524	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	48.706	.00170	.00138	.00064	.00575	.18418	2.4011
Stddev	.00005	.131	.00042	.00017	.00045	.00078	.00137	.0686
%RSD	62.120	.26983	24.485	12.179	70.339	13.609	.74149	2.8560

#1	-.00006	48.559	.00197	.00156	.00115	.00530	.18336	2.3778
#2	-.00005	48.746	.00190	.00123	.00031	.00665	.18575	2.3472
#3	-.00014	48.813	.00122	.00136	.00045	.00529	.18342	2.4783

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02194	-.00018	437.47	-.00050	.12325	2.6931	-.00039	.07266
Stddev	.00027	.00002	2.60	.00027	.00153	.0394	.00034	.00877
%RSD	1.2415	10.260	.59398	53.668	1.2412	1.4628	85.924	12.063

#1	.02168	-.00020	435.03	-.00019	.12349	2.6538	-.00011	.08278
#2	.02191	-.00016	440.20	-.00064	.12162	2.6928	-.00030	.06732
#3	.02222	-.00019	437.18	-.00068	.12465	2.7326	-.00076	.06789

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57107	.94755	.00123	-.00119	.00835	.0073	.29962	4.9158
Stddev	.01412	.01236	.00053	.00147	.00072	.0025	.00047	.0540
%RSD	2.4729	1.3047	43.127	122.76	8.5644	34.51	.15686	1.0986

#1	.56434	.95490	.00153	-.00263	.00753	.0093	.29911	4.9418
#2	.56158	.95446	.00062	-.00126	.00869	.0045	.29974	4.8537
#3	.58730	.93327	.00154	.00030	.00883	.0081	.30003	4.9518

Sample Name: K3528-12 Acquired: 6/27/2019 18:56:51 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-07-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.732
 Stddev .850
 %RSD 7.9197

#1 9.7979
 #2 11.460
 #3 10.937

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2327.3	26300.	2027.6	33.688	2302.4
Stddev	19.0	78.	15.9	.573	17.1
%RSD	.81532	.29709	.78520	1.6997	.74185

#1	2321.8	26367.	2010.6	33.436	2296.1
#2	2348.4	26319.	2030.2	34.343	2321.8
#3	2311.7	26215.	2042.1	33.284	2289.4

Sample Name: K3528-13 Acquired: 6/27/2019 19:01:25 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-08-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	-.00072	.00695	.00256	-.00375	.16467	.21268	.00019
Stddev	.00251	.00135	.00003	.00232	.00162	.02827	.00287	.00001
%RSD	110.59	186.34	.39801	90.610	43.276	17.169	1.3493	7.9863

#1	.00403	-.00226	.00693	.00495	-.00226	.13695	.20990	.00018
#2	.00339	-.00021	.00698	.00243	-.00548	.16361	.21563	.00017
#3	-.00060	.00029	.00695	.00031	-.00352	.19346	.21252	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	91.699	.00107	.00051	.00188	.04259	.19223	5.2589
Stddev	.00005	.546	.00039	.00024	.00050	.00107	.00115	.0664
%RSD	73.831	.59591	36.606	46.694	26.796	2.5043	.59901	1.2634

#1	-.00001	91.463	.00144	.00031	.00227	.04141	.19256	5.2315
#2	-.00009	91.310	.00111	.00077	.00131	.04289	.19319	5.3347
#3	-.00010	92.323	.00066	.00045	.00207	.04348	.19095	5.2105

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00948	-.00008	350.63	-.00035	.09891	1.8866	-.00030	.04021
Stddev	.00025	.00053	3.13	.00043	.00013	.0481	.00026	.01735
%RSD	2.6637	678.25	.89408	122.82	.13551	2.5496	89.034	43.136

#1	.00919	-.00069	347.52	-.00083	.09877	1.8441	-.00060	.05104
#2	.00964	.00016	353.78	.00001	.09903	1.8769	-.00018	.04939
#3	.00962	.00030	350.59	-.00024	.09893	1.9389	-.00011	.02021

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1641	1.2911	.00385	.00039	.01017	.1475	.56237	4.9309
Stddev	.0111	.0094	.00006	.00220	.00166	.0053	.00484	.0358
%RSD	.95670	.72513	1.6637	556.59	16.280	3.589	.86078	.72620

#1	1.1529	1.2934	.00384	-.00075	.00864	.1421	.56503	4.9034
#2	1.1643	1.2808	.00379	.00293	.00995	.1478	.55679	4.9714
#3	1.1751	1.2991	.00392	-.00099	.01193	.1527	.56530	4.9178

Sample Name: K3528-13 Acquired: 6/27/2019 19:01:25 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-08-COMP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.005
Stddev	1.094
%RSD	10.930

#1	11.072
#2	10.057
#3	8.8866

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2314.1	26172.	2013.6	32.901	2303.3
Stddev	12.2	4.	25.1	.146	17.6
%RSD	.52580	.01544	1.2454	.44394	.76294

#1	2327.9	26168.	1998.6	32.735	2322.7
#2	2309.7	26173.	2042.5	32.958	2298.5
#3	2304.8	26176.	1999.6	33.009	2288.6

Sample Name: K3528-14 Acquired: 6/27/2019 19:05:49 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09-COMP 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	-.00197	.01117	.00059	-.00274	.11062	.24806	.00026
Stddev	.00150	.00188	.00097	.00132	.00060	.00875	.00238	.00005
%RSD	1007.0	95.416	8.6614	221.46	21.959	7.9058	.95746	20.429

#1	.00065	-.00409	.01186	-.00088	-.00331	.10995	.24532	.00027
#2	.00078	-.00135	.01159	.00167	-.00211	.11968	.24946	.00020
#3	-.00188	-.00048	.01007	.00099	-.00280	.10222	.24940	.00031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	43.799	.00106	.00213	.00221	.03782	.30905	12.398
Stddev	.00016	.104	.00018	.00017	.00029	.00070	.00036	.180
%RSD	138.14	.23687	16.595	8.0219	13.179	1.8628	.11592	1.4487

#1	.00023	43.818	.00086	.00227	.00222	.03738	.30902	12.200
#2	.00018	43.687	.00118	.00217	.00192	.03864	.30870	12.442
#3	-.00006	43.892	.00114	.00194	.00250	.03745	.30942	12.551

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00263	.00078	407.52	-.00110	.12336	2.1352	-.00024	.06259
Stddev	.00076	.00048	4.82	.00036	.00032	.0630	.00023	.01663
%RSD	28.861	60.973	1.1839	32.541	.26252	2.9508	97.535	26.575

#1	.00178	.00109	406.25	-.00069	.12356	2.0794	-.00011	.07420
#2	.00288	.00023	403.45	-.00134	.12353	2.1227	-.00010	.07005
#3	.00323	.00103	412.85	-.00128	.12299	2.2035	-.00051	.04354

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33746	1.1136	.00312	.00081	.00739	.0413	.15791	4.9790
Stddev	.00645	.0111	.00047	.00166	.00243	.0026	.00082	.0543
%RSD	1.9099	.99255	15.180	204.95	32.877	6.274	.51736	1.0912

#1	.34317	1.1221	.00257	-.00109	.01018	.0421	.15716	4.9640
#2	.33874	1.1177	.00338	.00151	.00620	.0435	.15779	4.9338
#3	.33048	1.1011	.00341	.00201	.00578	.0385	.15878	5.0393

Sample Name: K3528-14 Acquired: 6/27/2019 19:05:49 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09-COMP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.8051
Stddev	1.5127
%RSD	15.428

#1	10.992
#2	10.321
#3	8.1019

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2314.9	26191.	1989.5	32.980	2293.8
Stddev	4.6	45.	20.2	1.076	6.7
%RSD	.19703	.17262	1.0150	3.2614	.29064

#1	2310.6	26142.	1968.2	32.014	2286.3
#2	2314.4	26230.	1992.0	32.786	2295.7
#3	2319.7	26202.	2008.4	34.139	2299.3

Sample Name: K3528-15 Acquired: 6/27/2019 19:10:22 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-10-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00103	-.00301	.00435	-.00022	-.00120	.02379	.22394	.00015
Stddev	.00244	.00171	.00074	.00299	.00045	.01218	.00186	.00012
%RSD	236.58	56.843	17.001	1366.6	37.733	51.207	.82896	80.299

#1	-.00051	-.00418	.00437	-.00255	-.00120	.01819	.22195	.00001
#2	.00110	-.00380	.00508	-.00127	-.00166	.03776	.22423	.00024
#3	-.00368	-.00105	.00360	.00316	-.00075	.01541	.22563	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	12.892	.00094	.00006	.00010	.00768	.04068	1.2430
Stddev	.00008	.038	.00038	.00039	.00038	.00126	.00026	.0222
%RSD	64.868	.29356	39.893	709.64	362.59	16.461	.64396	1.7860

#1	-.00017	12.925	.00113	.00045	.00036	.00768	.04044	1.2275
#2	-.00014	12.851	.00119	-.00033	-.00033	.00895	.04096	1.2331
#3	-.00003	12.901	.00051	.00004	.00029	.00642	.04064	1.2684

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00303	.00018	398.05	-.00075	.08537	2.3751	-.00042	.04310
Stddev	.00036	.00085	4.11	.00057	.00014	.0393	.00021	.01794
%RSD	11.988	461.58	1.0333	76.015	.16891	1.6530	50.173	41.625

#1	.00341	-.00045	393.31	-.00131	.08520	2.3959	-.00021	.06308
#2	.00301	-.00014	400.54	-.00077	.08546	2.3298	-.00042	.03786
#3	.00269	.00115	400.32	-.00017	.08544	2.3995	-.00063	.02836

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36411	.78148	.00234	.00276	.00436	-.0010	.12419	4.8894
Stddev	.00320	.00739	.00049	.00239	.00289	.0044	.00048	.0469
%RSD	.87990	.94515	21.086	86.629	66.250	463.9	.38613	.95860

#1	.36367	.78138	.00239	.00149	.00514	.0037	.12386	4.8612
#2	.36751	.78892	.00280	.00127	.00678	-.0015	.12474	4.8636
#3	.36114	.77415	.00182	.00552	.00116	-.0050	.12396	4.9436

Sample Name: K3528-15 Acquired: 6/27/2019 19:10:22 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-10-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.7648
 Stddev .8668
 %RSD 8.8765

#1 8.7752
 #2 10.389
 #3 10.130

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2327.2	26297.	2004.0	32.189	2321.8
Stddev	7.9	17.	15.2	.010	1.6
%RSD	.33927	.06538	.75846	.03236	.06995

#1	2336.3	26278.	1999.2	32.200	2323.6
#2	2322.7	26300.	1991.9	32.186	2321.2
#3	2322.5	26312.	2021.1	32.180	2320.6

Sample Name: K3529-01 Acquired: 6/27/2019 19:14:55 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00292	.00004	.01213	.00081	.00223	.13386	.19120	.00013
Stddev	.00201	.00101	.00029	.00044	.00116	.02261	.00054	.00010
%RSD	69.082	2348.4	2.3570	54.292	51.947	16.889	.28017	72.036

#1	-.00337	-.00050	.01182	.00118	.00121	.11019	.19092	.00014
#2	-.00071	-.00058	.01220	.00094	.00200	.13617	.19182	.00003
#3	-.00467	.00121	.01238	.00032	.00349	.15523	.19087	.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	71.573	.00026	.00410	.00456	12.071	.32467	.96247
Stddev	.00006	.400	.00041	.00020	.00037	.026	.00167	.07700
%RSD	8.0110	.55840	160.00	4.9474	8.0467	.21328	.51297	8.0008

#1	-.00070	71.121	.00073	.00394	.00497	12.100	.32629	.95913
#2	-.00080	71.879	.00010	.00403	.00425	12.055	.32296	1.0411
#3	-.00081	71.719	-.00005	.00433	.00447	12.057	.32475	.88718

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01790	-.00070	265.59	-.00015	1.5839	.49187	.00126	.06330
Stddev	.00111	.00047	.50	.00055	.0036	.04458	.00038	.01833
%RSD	6.1931	66.776	.18781	380.97	.22594	9.0634	30.378	28.951

#1	.01837	-.00115	266.17	-.00050	1.5869	.44042	.00084	.05253
#2	.01869	-.00022	265.29	-.00043	1.5849	.51638	.00135	.05291
#3	.01663	-.00073	265.32	.00049	1.5800	.51883	.00160	.08446

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55100	.87026	.00300	-.00198	.01834	.0381	.21186	4.8646
Stddev	.00395	.01077	.00047	.00454	.00140	.0018	.00178	.0761
%RSD	.71708	1.2375	15.520	229.39	7.6094	4.839	.84123	1.5653

#1	.54645	.86725	.00354	.00261	.01799	.0402	.20981	4.8475
#2	.55345	.88222	.00277	-.00647	.01714	.0366	.21303	4.7984
#3	.55312	.86132	.00270	-.00209	.01987	.0376	.21274	4.9478

Sample Name: K3529-01 Acquired: 6/27/2019 19:14:55 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.9946
 Stddev .3875
 %RSD 4.8475

#1 7.7943
 #2 7.7483
 #3 8.4413

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2317.9	26278.	1998.7	32.611	2327.5
Stddev	3.7	137.	13.4	.212	3.7
%RSD	.16101	.52189	.66880	.64976	.15761

#1	2318.9	26124.	2010.0	32.379	2324.9
#2	2313.7	26323.	1984.0	32.660	2326.0
#3	2320.9	26387.	2002.2	32.795	2331.7

Sample Name: K3532-06 Acquired: 6/27/2019 19:19:17 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TRIANGLE-ARE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00240	-.00052	.06806	.00091	-.00284	.15931	.23976	.00008
Stddev	.00248	.00123	.00141	.00071	.00106	.01033	.00108	.00006
%RSD	103.28	237.93	2.0717	77.628	37.531	6.4815	.45061	66.617

#1	.00046	-.00112	.06700	.00129	-.00169	.16217	.24059	.00014
#2	-.00369	.00090	.06751	.00010	-.00303	.16790	.24014	.00008
#3	-.00397	-.00134	.06966	.00135	-.00379	.14785	.23854	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00251	93.417	.00058	.00333	.04190	.02365	.47488	3.7828
Stddev	.00004	.415	.00024	.00009	.00084	.00091	.00073	.0933
%RSD	1.4435	.44437	42.288	2.8419	2.0166	3.8337	.15355	2.4666

#1	.00255	93.340	.00086	.00324	.04250	.02469	.47571	3.7680
#2	.00247	93.866	.00045	.00332	.04093	.02301	.47458	3.6978
#3	.00251	93.046	.00043	.00343	.04227	.02325	.47435	3.8826

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00561	.00021	404.27	-.00071	.39486	1.0452	-.00027	.02109
Stddev	.00024	.00043	.89	.00017	.00151	.0109	.00023	.01676
%RSD	4.2124	208.52	.22083	23.409	.38352	1.0427	82.322	79.451

#1	.00569	-.00029	403.24	-.00064	.39650	1.0532	-.00010	.00786
#2	.00580	.00049	404.87	-.00090	.39350	1.0495	-.00020	.03993
#3	.00535	.00043	404.69	-.00059	.39459	1.0328	-.00053	.01548

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81355	1.2790	.00263	-.00109	.00831	.0175	.42726	5.1914
Stddev	.00466	.0133	.00114	.00261	.00369	.0018	.00010	.0948
%RSD	.57247	1.0401	43.525	239.75	44.394	10.40	.02421	1.8258

#1	.81795	1.2719	.00221	-.00409	.00409	.0158	.42725	5.1253
#2	.80867	1.2708	.00392	.00021	.01093	.0194	.42736	5.3000
#3	.81403	1.2944	.00175	.00061	.00990	.0172	.42716	5.1491

Sample Name: K3532-06 Acquired: 6/27/2019 19:19:17 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TRIANGLE-ARE Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.6747
Stddev	.6941
%RSD	7.1742

#1	9.1913
#2	9.3629
#3	10.470

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2274.0	25484.	1956.2	32.279	2251.5
Stddev	12.7	116.	8.8	.408	12.2
%RSD	.55843	.45367	.45166	1.2635	.54223

#1	2259.7	25355.	1960.2	32.708	2238.9
#2	2284.1	25517.	1946.1	31.896	2263.3
#3	2278.2	25579.	1962.4	32.235	2252.5

Sample Name: CCV09 Acquired: 6/27/2019 19:23:50 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15194 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1134	5.3064	5.0548	5.1900	5.0728	9.3089	10.035	.26025
Stddev	.0127	.0071	.0114	.0052	.0234	.0956	.026	.00020
%RSD	.24826	.13436	.22552	.10027	.46202	1.0273	.25946	.07610
#1	5.1256	5.3062	5.0680	5.1953	5.0990	9.2780	10.027	.26003
#2	5.1002	5.2993	5.0474	5.1849	5.0538	9.4162	10.064	.26042
#3	5.1142	5.3136	5.0492	5.1898	5.0656	9.2326	10.013	.26029
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5836	26.237	1.0196	2.5602	1.2774	5.1911	2.6200	24.549
Stddev	.0039	.170	.0021	.0046	.0026	.0071	.0023	.249
%RSD	.15083	.64817	.20473	.17805	.20377	.13762	.08683	1.0156
#1	2.5867	26.200	1.0174	2.5654	1.2798	5.1913	2.6189	24.398
#2	2.5792	26.089	1.0200	2.5572	1.2746	5.1839	2.6185	24.836
#3	2.5849	26.423	1.0215	2.5579	1.2779	5.1982	2.6226	24.412
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5903	1.2749	25.407	2.6156	2.5346	25.546	5.2143	5.1319
Stddev	.0058	.0017	.059	.0010	.0052	.056	.0105	.0377
%RSD	.22219	.13683	.23403	.03827	.20670	.21818	.20199	.73540
#1	2.5954	1.2731	25.422	2.6167	2.5401	25.487	5.2262	5.1600
#2	2.5841	1.2766	25.457	2.6147	2.5297	25.598	5.2103	5.1467
#3	2.5915	1.2749	25.341	2.6156	2.5341	25.554	5.2063	5.0890
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1951	5.0822	5.1576	5.1020	4.8811	5.429	5.4941	4.7943
Stddev	.0043	.0559	.0110	.0241	.0382	.012	.0505	.0505
%RSD	.08204	1.1001	.21362	.47319	.78258	.2131	.91906	1.0542
#1	5.1984	5.0668	5.1628	5.1008	4.8729	5.435	5.4806	4.8331
#2	5.1903	5.0356	5.1449	5.0785	4.8477	5.416	5.4518	4.8127
#3	5.1965	5.1442	5.1651	5.1268	4.9228	5.437	5.5500	4.7372

Sample Name: CCV09 Acquired: 6/27/2019 19:23:50 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15194 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9287
Stddev 1.7982
%RSD 61.400

#1 1.9163
#2 1.8649
#3 5.0048

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2420.8	27627.	2023.6	33.767	2438.7
Stddev	4.7	94.	17.4	1.043	4.4
%RSD	.19330	.34136	.85868	3.0877	.17898

#1	2415.6	27627.	2024.4	34.699	2436.4
#2	2424.7	27532.	2040.6	33.962	2443.7
#3	2422.0	27721.	2005.9	32.641	2435.9

Sample Name: CCB09 Acquired: 6/27/2019 19:27:48 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15194 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00356	-.00066	-.00041	-.00108	-.00313	-.02244	.00235	.00013
Stddev	.00399	.00027	.00042	.00228	.00056	.00187	.00063	.00005
%RSD	112.26	41.279	103.33	210.10	17.918	8.3573	27.005	37.689
#1	-.00729	-.00072	-.00020	.00110	-.00339	-.02335	.00162	.00012
#2	.00066	-.00036	-.00013	-.00091	-.00248	-.02367	.00265	.00008
#3	-.00404	-.00089	-.00090	-.00344	-.00351	-.02028	.00278	.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01100	.00018	-.00015	-.00058	.00177	-.00001	-.04253
Stddev	.00009	.02312	.00053	.00023	.00025	.00092	.00003	.06849
%RSD	360.09	210.17	299.88	161.07	43.914	51.963	509.12	161.03
#1	.00013	.03596	-.00017	-.00013	-.00078	.00071	-.00003	-.07238
#2	-.00003	.00675	.00079	-.00039	-.00067	.00228	.00003	-.09103
#3	-.00002	-.00970	-.00009	.00008	-.00029	.00233	-.00002	.03582
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00012	.22314	-.00043	-.00017	.00925	.00038	F .02978
Stddev	.00024	.00072	.01037	.00030	.00010	.02303	.00035	.01403
%RSD	1057.7	588.72	4.6489	71.019	55.703	248.95	90.506	47.100
#1	-.00022	-.00038	.22499	-.00036	-.00023	.02596	.00077	.04286
#2	-.00009	.00070	.23247	-.00076	-.00023	-.01702	.00028	.03152
#3	.00025	-.00068	.21197	-.00016	-.00006	.01882	.00010	.01497
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00084	.00325	.00045	.00033	.00164	-.0014	.00005	F 4.4065
Stddev	.00347	.00326	.00104	.00231	.00407	.0009	.00011	.0730
%RSD	412.92	100.53	229.49	698.46	248.36	64.08	203.50	1.6559
#1	-.00077	.00122	.00012	-.00111	.00632	-.0016	-.00005	4.4696
#2	.00259	.00701	.00161	.00300	-.00032	-.0004	.00004	4.4232
#3	-.00435	.00151	-.00038	-.00090	-.00108	-.0021	.00016	4.3266

Sample Name: CCB09 Acquired: 6/27/2019 19:27:48 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15194 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.7497
 Stddev .3719
 %RSD 21.256

#1 2.1291
 #2 1.7343
 #3 1.3857

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2485.2	28019.	2013.4	34.632	2726.6
Stddev	16.1	26.	17.7	.255	19.5
%RSD	.64656	.09314	.87908	.73559	.71376

#1	2472.6	28016.	1998.9	34.673	2706.3
#2	2479.6	27994.	2008.3	34.359	2728.5
#3	2503.3	28046.	2033.1	34.864	2745.1

Sample Name: K3532-08 Acquired: 6/27/2019 19:32:16 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TRIANGLE-ARE Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	-.00063	.02871	-.00027	-.00022	.06353	.21631	.00011
Stddev	.00312	.00090	.00125	.00331	.00084	.00937	.00171	.00007
%RSD	439.67	144.59	4.3620	1243.5	382.19	14.757	.78916	70.949

#1	-.00292	-.00166	.02838	.00349	.00053	.05271	.21485	.00019
#2	-.00206	-.00020	.03010	-.00273	-.00007	.06920	.21588	.00007
#3	.00286	-.00001	.02766	-.00155	-.00113	.06867	.21819	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	31.776	.00090	.00002	.01272	.01975	.10575	6.0300
Stddev	.00004	.251	.00103	.00017	.00033	.00029	.00048	.0297
%RSD	4.1501	.78884	114.84	897.13	2.5853	1.4497	.45659	.49303

#1	.00101	31.490	.00167	-.00016	.01240	.01948	.10525	6.0020
#2	.00095	31.878	.00129	.00006	.01270	.02005	.10621	6.0612
#3	.00093	31.959	-.00027	.00016	.01306	.01972	.10579	6.0268

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	-.00039	311.21	.00007	.17060	.57307	.00031	.02891
Stddev	.00041	.00026	1.18	.00042	.00046	.03899	.00004	.00229
%RSD	22.319	67.167	.37817	607.68	.27127	6.8035	12.834	7.9248

#1	.00138	-.00035	310.83	-.00040	.17015	.54698	.00035	.02687
#2	.00215	-.00015	310.26	.00041	.17108	.55434	.00029	.02847
#3	.00201	-.00067	312.52	.00019	.17056	.61789	.00028	.03139

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17143	.63169	.00228	.00022	.00211	.0650	.13746	5.0327
Stddev	.00720	.00578	.00010	.00221	.00240	.0034	.00121	.0714
%RSD	4.1991	.91568	4.3323	993.03	113.54	5.172	.87709	1.4196

#1	.16657	.62665	.00227	-.00047	.00044	.0640	.13609	4.9808
#2	.16802	.63800	.00239	.00270	.00104	.0687	.13836	5.1142
#3	.17970	.63041	.00219	-.00156	.00486	.0622	.13794	5.0032

Sample Name: K3532-08 Acquired: 6/27/2019 19:32:16 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TRIANGLE-ARE Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.4154
 Stddev .1670
 %RSD 1.9841

#1 8.5525
 #2 8.4641
 #3 8.2294

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2339.4	26151.	1985.9	32.645	2342.1
Stddev	17.2	40.	11.6	1.010	13.8
%RSD	.73725	.15182	.58483	3.0924	.59011

#1	2320.2	26106.	1993.7	33.098	2329.2
#2	2344.4	26181.	1972.5	33.348	2340.4
#3	2353.7	26166.	1991.3	31.488	2356.7

Sample Name: K3532-10 Acquired: 6/27/2019 19:36:41 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TRIANGLE-ARE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00217	-.00190	.12278	.00529	-.00047	.10502	.23793	.00015
Stddev	.00353	.00096	.00218	.00440	.00179	.01233	.00211	.00004
%RSD	162.86	50.503	1.7732	83.271	376.73	11.738	.88827	24.537

#1	.00105	-.00100	.12297	.00830	-.00048	.10246	.23631	.00013
#2	-.00161	-.00291	.12051	.00732	.00131	.11842	.23716	.00020
#3	-.00595	-.00180	.12485	.00023	-.00226	.09417	.24032	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00508	45.075	.00017	.00847	.95200	.06224	.51571	5.2561
Stddev	.00015	.329	.00045	.00017	.00404	.00087	.00215	.0785
%RSD	2.9420	.72884	272.83	1.9636	.42391	1.3969	.41764	1.4929

#1	.00491	44.696	-.00013	.00837	.95404	.06302	.51466	5.1700
#2	.00520	45.270	-.00006	.00866	.94735	.06240	.51819	5.2744
#3	.00512	45.259	.00069	.00838	.95460	.06131	.51429	5.3237

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01193	.00050	341.47	-.00077	.69410	.70674	-.00061	.03404
Stddev	.00048	.00078	2.54	.00034	.00120	.02463	.00064	.02084
%RSD	4.0041	157.57	.74302	44.026	.17312	3.4845	105.58	61.212

#1	.01204	.00102	339.26	-.00094	.69283	.73465	.00001	.05625
#2	.01235	.00087	340.92	-.00038	.69522	.69749	-.00126	.03095
#3	.01141	-.00040	344.24	-.00098	.69425	.68808	-.00057	.01492

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46793	.68912	.00331	-.00004	.00372	.0281	.19928	4.6774
Stddev	.00255	.00806	.00101	.00254	.00269	.0028	.00126	.0348
%RSD	.54454	1.1690	30.490	6025.4	72.203	10.11	.62981	.74480

#1	.46653	.69528	.00372	.00255	.00399	.0299	.19785	4.6703
#2	.47087	.69209	.00216	-.00253	.00091	.0296	.19978	4.6467
#3	.46639	.68001	.00405	-.00014	.00626	.0248	.20021	4.7153

Sample Name: K3532-10 Acquired: 6/27/2019 19:36:41 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TRIANGLE-ARE Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.398
 Stddev 1.039
 %RSD 9.9954

#1 10.667
 #2 11.276
 #3 9.2506

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2389.6	26850.	2036.6	32.709	2368.9
Stddev	8.6	97.	2.7	.435	6.3
%RSD	.35809	.36115	.13355	1.3290	.26408

#1	2380.9	26956.	2035.9	32.293	2363.6
#2	2398.0	26829.	2034.3	32.673	2375.8
#3	2389.8	26766.	2039.6	33.160	2367.4

Sample Name: K3532-10DUP Acquired: 6/27/2019 19:41:03 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TRIANGLE-ARE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00266	-.00095	.12372	.00203	-.00012	.11288	.24297	.00017
Stddev	.00169	.00128	.00095	.00105	.00233	.00992	.00313	.00014
%RSD	63.359	134.40	.77017	52.026	1933.6	8.7899	1.2880	83.634

#1	.00104	-.00162	.12265	.00169	.00089	.10720	.23935	.00016
#2	.00253	.00052	.12449	.00321	.00154	.10711	.24477	.00003
#3	.00441	-.00176	.12402	.00118	-.00279	.12434	.24478	.00032

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00508	46.130	.00055	.00836	.96330	.06256	.52274	5.3820
Stddev	.00003	.300	.00077	.00028	.00256	.00060	.00129	.1298
%RSD	.52602	.64936	140.19	3.2954	.26542	.96400	.24668	2.4116

#1	.00506	46.103	.00107	.00862	.96312	.06213	.52130	5.2893
#2	.00507	45.845	.00091	.00807	.96084	.06230	.52377	5.3263
#3	.00511	46.442	-.00033	.00839	.96594	.06325	.52315	5.5303

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01170	.00026	350.61	-.00163	.69667	.78377	-.00050	.02203
Stddev	.00034	.00040	2.50	.00038	.00309	.08688	.00016	.01330
%RSD	2.9420	153.71	.71202	23.311	.44364	11.085	32.002	60.350

#1	.01136	-.00019	347.87	-.00156	.69766	.69822	-.00035	.02695
#2	.01170	.00056	352.76	-.00129	.69320	.78118	-.00067	.03216
#3	.01205	.00041	351.20	-.00204	.69914	.87192	-.00049	.00698

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46877	.69023	.00242	.00323	.00248	.0288	.20369	4.9113
Stddev	.00646	.00839	.00050	.00277	.00300	.0033	.00074	.0256
%RSD	1.3785	1.2157	20.724	85.932	120.97	11.29	.36502	.52171

#1	.46369	.69853	.00273	.00112	.00107	.0319	.20358	4.8958
#2	.47604	.69042	.00268	.00637	.00044	.0254	.20301	4.8973
#3	.46657	.68175	.00184	.00219	.00592	.0293	.20448	4.9409

Sample Name: K3532-10DUP Acquired: 6/27/2019 19:41:03 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TRIANGLE-ARE Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.389
Stddev	.708
%RSD	6.8123

#1	9.7661
#2	10.243
#3	11.159

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2342.8	26180.	1996.8	32.886	2330.8
Stddev	10.2	43.	17.5	.274	9.9
%RSD	.43519	.16476	.87526	.83384	.42667

#1	2335.9	26210.	1977.4	32.732	2320.6
#2	2354.5	26200.	2011.4	32.724	2340.5
#3	2338.0	26131.	2001.4	33.203	2331.3

Sample Name: K3532-10LX5 Acquired: 6/27/2019 19:45:26 Type: Unk
Method: P4-ICP2(v3237) 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	-.00058	-.00024	.02601	-.00084	-.00304	.00491	.04988	.00014
Stddev	.00223	.00135	.00067	.00325	.00112	.00729	.00121	.00016
%RSD	382.08	563.80	2.5771	386.74	36.755	148.48	2.4206	111.19

#1	-.00271	-.00092	.02618	.00283	-.00411	.00853	.04882	.00001
#2	-.00077	.00132	.02527	-.00199	-.00312	-.00348	.05119	.00010
#3	.00173	-.00112	.02658	-.00335	-.00188	.00968	.04962	.00032

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00099	9.5339	.00017	.00159	.20313	.01509	.10953	1.0396
Stddev	.00008	.0360	.00025	.00027	.00053	.00023	.00050	.0769
%RSD	7.9553	.37723	147.41	17.021	.25946	1.5547	.46087	7.3933

#1	.00104	9.5198	.00004	.00185	.20363	.01533	.10909	1.1264
#2	.00103	9.5748	.00046	.00161	.20317	.01507	.10941	1.0124
#3	.00090	9.5072	.00002	.00131	.20258	.01487	.11008	.98009

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00154	.00018	69.542	-.00020	.13890	.20420	-.00051	.00721
Stddev	.00023	.00070	.163	.00036	.00021	.05906	.00014	.01670
%RSD	14.729	382.83	.23412	176.97	.15458	28.924	27.557	231.57

#1	.00129	.00030	69.724	-.00019	.13892	.24610	-.00044	.02057
#2	.00158	-.00057	69.491	.00015	.13911	.22986	-.00068	-.01151
#3	.00174	.00082	69.410	-.00056	.13868	.13665	-.00043	.01258

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09480	.15285	.00174	.00144	.00274	.0065	.04171	4.3772
Stddev	.00571	.00307	.00035	.00099	.00332	.0020	.00014	.2140
%RSD	6.0251	2.0060	20.032	68.669	121.17	30.93	.34580	4.8885

#1	.09593	.15310	.00150	.00108	.00274	.0088	.04167	4.1455
#2	.09986	.14966	.00214	.00069	.00607	.0056	.04187	4.4185
#3	.08860	.15578	.00159	.00257	-.00058	.0051	.04159	4.5675

Sample Name: K3532-10LX5 Acquired: 6/27/2019 19:45:26 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.4375
Stddev	.8123
%RSD	18.305

#1	5.3439
#2	4.1931
#3	3.7755

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2425.4	27175.	1978.1	34.520	2524.2
Stddev	8.3	53.	12.3	.768	6.1
%RSD	.34057	.19342	.62389	2.2247	.24067

#1	2415.9	27154.	1976.4	33.641	2517.2
#2	2429.8	27235.	1991.2	35.063	2527.6
#3	2430.6	27136.	1966.7	34.855	2527.9

Sample Name: K3532-10MS Acquired: 6/27/2019 19:49:50 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TRIANGLE-ARE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82752	2.0903	1.1555	2.1350	.83507	2.0908	.46285	.21471	.21844
Stddev	.00282	.0160	.0089	.0140	.00457	.0194	.00532	.00076	.00149
%RSD	.34049	.76485	.76729	.65604	.54772	.92602	1.1503	.35264	.68240
#1	.82860	2.0817	1.1515	2.1227	.83080	2.0836	.45672	.21388	.21770
#2	.82432	2.0804	1.1493	2.1321	.83452	2.1127	.46634	.21487	.21746
#3	.82964	2.1087	1.1656	2.1503	.83990	2.0760	.46548	.21537	.22015
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.857	.43245	.22431	1.2819	3.3161	.74193	7.4696	.55576	.07565
Stddev	.499	.00085	.00178	.0090	.0038	.00115	.0947	.00382	.00091
%RSD	1.0426	.19584	.79387	.70062	.11386	.15449	1.2675	.68798	1.2080
#1	47.330	.43248	.22354	1.2777	3.3164	.74072	7.3607	.55262	.07533
#2	47.917	.43328	.22305	1.2757	3.3122	.74208	7.5159	.55464	.07668
#3	48.322	.43158	.22635	1.2922	3.3198	.74299	7.5322	.56002	.07494
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	352.80	.33863	.91407	12.066	.44455	.35599	.46553	1.6288	.76436
Stddev	2.31	.00051	.00504	.129	.00329	.02353	.01055	.0040	.01061
%RSD	.65515	.15020	.55132	1.0666	.74058	6.6097	2.2660	.24240	1.3887
#1	350.13	.33806	.91046	11.920	.44373	.37555	.46058	1.6264	.75765
#2	354.15	.33877	.91193	12.163	.44174	.36252	.45836	1.6266	.75883
#3	354.11	.33905	.91983	12.115	.44817	.32988	.47764	1.6333	.77660
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21758	.21904	7.024	.47552	5.2547	6.5052			
Stddev	.00176	.00353	.058	.00358	.0488	1.3359			
%RSD	.81067	1.6138	.8309	.75280	.92786	20.536			
#1	.21887	.21671	6.996	.47139	5.2087	8.0231			
#2	.21557	.22311	6.985	.47779	5.2496	5.5079			
#3	.21829	.21729	7.091	.47737	5.3058	5.9847			

Sample Name: K3532-10MS Acquired: 6/27/2019 19:49:50 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TRIANGLE-ARE 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	2312.7	26305.	1972.9	32.698	2305.8
Stddev	7.7	36.	7.2	.515	12.1
%RSD	.33388	.13589	.36562	1.5746	.52510
#1	2318.5	26264.	1964.5	33.231	2313.3
#2	2315.8	26328.	1977.2	32.203	2312.3
#3	2303.9	26324.	1976.9	32.661	2291.9

Sample Name: K3532-10MSD Acquired: 6/27/2019 19:53:57 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TRIANGLE-ARE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82619	2.0818	1.1517	2.1203	.83101	2.1022	.46575	.21615	.21796
Stddev	.00679	.0080	.0013	.0037	.00382	.0053	.00357	.00045	.00047
%RSD	.82164	.38659	.11501	.17405	.45974	.25216	.76561	.20697	.21338

#1	.82316	2.0727	1.1532	2.1167	.83532	2.1081	.46168	.21566	.21830
#2	.83397	2.0847	1.1510	2.1203	.82968	2.0978	.46832	.21653	.21743
#3	.82145	2.0880	1.1509	2.1241	.82803	2.1008	.46725	.21627	.21815

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.855	.43505	.22359	1.2747	3.3242	.74406	7.5106	.55318	.07582
Stddev	.456	.00165	.00017	.0046	.0051	.00097	.1008	.00061	.00128
%RSD	.95233	.37907	.07658	.36513	.15232	.13056	1.3421	.10968	1.6923

#1	47.428	.43320	.22359	1.2801	3.3208	.74293	7.3945	.55344	.07475
#2	47.802	.43636	.22375	1.2726	3.3300	.74460	7.5612	.55249	.07724
#3	48.335	.43558	.22341	1.2715	3.3218	.74463	7.5760	.55361	.07546

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	356.50	.33870	.91520	12.170	.44214	.35770	.46240	1.6404	.75964
Stddev	2.89	.00046	.00281	.089	.00178	.02376	.00634	.0024	.00341
%RSD	.81085	.13570	.30753	.73501	.40249	6.6418	1.3711	.14872	.44845

#1	353.20	.33826	.91837	12.097	.44420	.35089	.46156	1.6432	.75913
#2	357.74	.33867	.91422	12.143	.44112	.33810	.45652	1.6390	.75652
#3	358.57	.33918	.91300	12.270	.44111	.38412	.46912	1.6390	.76328

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22095	.22032	6.984	.47603	5.1479	6.3241
Stddev	.00060	.00143	.022	.00293	.1437	1.2467
%RSD	.27140	.64871	.3182	.61579	2.7916	19.713

#1	.22028	.22195	6.962	.47307	5.1928	5.7783
#2	.22112	.21973	6.984	.47608	5.2639	7.7506
#3	.22144	.21929	7.006	.47893	4.9872	5.4435

Sample Name: K3532-10MSD Acquired: 6/27/2019 19:53:57 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TRIANGLE-ARE 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	2330.3	26224.	1974.5	32.385	2321.8
Stddev	13.0	77.	13.0	.191	8.5
%RSD	.55919	.29488	.65891	.58830	.36813
#1	2317.0	26311.	1976.9	32.516	2312.4
#2	2330.9	26195.	1986.1	32.166	2323.7
#3	2343.0	26165.	1960.4	32.472	2329.2

Sample Name: K3532-10A Acquired: 6/27/2019 19:58:04 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8362 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83240	2.0887	1.1583	2.1406	.83404	2.1076	.46853	.21668	.21888
Stddev	.00209	.0018	.0044	.0061	.00161	.0211	.00095	.00023	.00006
%RSD	.25077	.08796	.37829	.28438	.19337	.99946	.20373	.10725	.02741

#1	.83461	2.0867	1.1608	2.1365	.83426	2.0843	.46743	.21642	.21882
#2	.83213	2.0893	1.1608	2.1476	.83232	2.1253	.46907	.21675	.21894
#3	.83047	2.0902	1.1532	2.1379	.83553	2.1132	.46909	.21687	.21887

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.076	.43503	.22483	1.2754	3.3280	.74505	7.6338	.55550	.07567
Stddev	.204	.00136	.00041	.0017	.0047	.00117	.0700	.00033	.00032
%RSD	.42344	.31218	.18318	.13334	.14157	.15755	.91719	.05851	.42201

#1	47.844	.43443	.22528	1.2758	3.3241	.74509	7.6707	.55562	.07599
#2	48.164	.43659	.22448	1.2736	3.3267	.74620	7.6776	.55575	.07567
#3	48.222	.43408	.22472	1.2769	3.3333	.74385	7.5530	.55514	.07535

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	356.56	.34061	.91448	12.235	.44282	.36136	.46085	1.6334	.76640
Stddev	.25	.00112	.00227	.093	.00049	.03017	.00689	.0043	.00202
%RSD	.06980	.32905	.24867	.76210	.11098	8.3496	1.4958	.26000	.26333

#1	356.46	.33985	.91663	12.137	.44313	.36927	.46428	1.6305	.76826
#2	356.39	.34009	.91210	12.322	.44308	.38679	.46536	1.6382	.76669
#3	356.85	.34190	.91470	12.246	.44226	.32802	.45292	1.6313	.76426

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21784	.21798	7.042	.47836	5.1747	6.8502
Stddev	.00104	.00216	.013	.00089	.0496	1.7003
%RSD	.47859	.99017	.1846	.18612	.95795	24.821

#1	.21686	.21575	7.033	.47734	5.1218	6.5481
#2	.21894	.22006	7.036	.47879	5.1823	5.3212
#3	.21773	.21813	7.057	.47896	5.2201	8.6812

Sample Name: K3532-10A Acquired: 6/27/2019 19:58:04 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8362 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	2339.7	26397.	1992.6	32.933	2326.2
Stddev	9.0	43.	5.5	1.367	9.2
%RSD	.38463	.16329	.27379	4.1519	.39657
#1	2331.4	26362.	1986.8	33.366	2321.5
#2	2349.3	26384.	1993.5	31.402	2336.8
#3	2338.3	26445.	1997.6	34.032	2320.2

Sample Name: K3157-12 Acquired: 6/27/2019 20:02:11 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00452	-.00093	.00978	-.00109	-.00170	.19553	.10260	.00027
Stddev	.00093	.00162	.00081	.00153	.00225	.02871	.00074	.00004
%RSD	20.593	173.05	8.2824	140.08	132.04	14.684	.72068	16.863

#1	-.00501	-.00264	.01069	.00046	.00064	.22654	.10192	.00025
#2	-.00345	-.00072	.00912	-.00114	-.00384	.19017	.10250	.00023
#3	-.00510	.00057	.00953	-.00260	-.00191	.16987	.10339	.00032

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	7.9895	.00090	.00539	.00455	.39133	1.0947	.65821
Stddev	.00009	.0235	.00011	.00008	.00023	.00130	.0004	.02879
%RSD	179.53	.29393	12.803	1.5614	5.0468	.33239	.03522	4.3747

#1	-.00003	7.9647	.00099	.00548	.00456	.39072	1.0943	.68297
#2	.00004	8.0113	.00077	.00532	.00478	.39282	1.0947	.66504
#3	.00014	7.9926	.00093	.00536	.00432	.39045	1.0951	.62661

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	-.00007	330.35	-.00386	.02930	.60721	-.00023	.01151
Stddev	.00017	.00022	1.04	.00020	.00002	.01952	.00027	.02287
%RSD	11.750	306.12	.31428	5.2183	.07881	3.2146	117.79	198.70

#1	.00143	.00001	330.02	-.00395	.02932	.62699	-.00015	.00608
#2	.00128	.00009	329.51	-.00399	.02928	.60668	-.00000	.03660
#3	.00162	-.00032	331.51	-.00362	.02930	.58796	-.00053	-.00816

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21267	.56141	.00211	.00558	.00150	.0044	.03942	4.4467
Stddev	.00530	.01206	.00055	.00208	.00216	.0044	.00009	.1651
%RSD	2.4916	2.1482	25.923	37.266	144.55	101.4	.22700	3.7130

#1	.21522	.57517	.00191	.00323	.00169	.0045	.03946	4.2779
#2	.20657	.55639	.00169	.00719	-.00076	.0087	.03949	4.4543
#3	.21620	.55267	.00272	.00634	.00356	-.0001	.03932	4.6078

Sample Name: K3157-12 Acquired: 6/27/2019 20:02:11 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.9130
Stddev	.9152
%RSD	9.2324

#1	9.3331
#2	10.968
#3	9.4379

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.1	27023.	2035.8	34.221	2419.2
Stddev	16.0	63.	15.6	1.432	14.5
%RSD	.65907	.23411	.76567	4.1845	.60113

#1	2410.6	26953.	2022.0	32.589	2407.9
#2	2440.3	27076.	2032.7	34.804	2435.6
#3	2415.4	27041.	2052.7	35.268	2414.1

Sample Name: K3157-12DUP Acquired: 6/27/2019 20:06:37 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00103	-.00068	.01000	-.00010	-.00153	.16842	.10400	.00016
Stddev	.00359	.00069	.00059	.00483	.00122	.00065	.00159	.00010
%RSD	349.91	101.20	5.9447	4998.4	79.832	.38395	1.5298	65.043

#1	-.00469	.00003	.00937	-.00454	-.00012	.16848	.10242	.00012
#2	-.00088	-.00135	.01008	-.00081	-.00225	.16903	.10560	.00007
#3	.00249	-.00072	.01055	.00505	-.00221	.16774	.10400	.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	8.0006	.00076	.00551	.00469	.39298	1.1066	.66866
Stddev	.00005	.0498	.00058	.00011	.00003	.00311	.0038	.02850
%RSD	208.64	.62301	75.470	1.9609	.74077	.79052	.34283	4.2623

#1	.00003	7.9520	.00119	.00550	.00465	.39147	1.1041	.63877
#2	.00007	7.9981	.00099	.00541	.00471	.39656	1.1110	.69554
#3	-.00003	8.0516	.00011	.00562	.00471	.39093	1.1047	.67167

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00217	.00012	334.98	-.00377	.02904	.67571	-.00017	.02472
Stddev	.00029	.00100	2.70	.00036	.00022	.07988	.00039	.01770
%RSD	13.408	837.33	.80719	9.5022	.75907	11.821	226.74	71.587

#1	.00183	.00123	332.06	-.00389	.02926	.60740	-.00046	.03983
#2	.00234	-.00016	337.40	-.00405	.02904	.65619	-.00033	.00525
#3	.00233	-.00071	335.48	-.00337	.02882	.76354	.00027	.02909

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21323	.55564	.00122	.00510	.00001	.0058	.03978	4.5716
Stddev	.00213	.00962	.00044	.00299	.00315	.0023	.00007	.0922
%RSD	.99698	1.7320	36.355	58.709	52452.	39.11	.17946	2.0165

#1	.21192	.56622	.00096	.00251	.00255	.0044	.03970	4.5810
#2	.21568	.55331	.00097	.00441	.00099	.0084	.03981	4.4751
#3	.21209	.54740	.00174	.00838	-.00352	.0046	.03984	4.6588

Sample Name: K3157-12DUP Acquired: 6/27/2019 20:06:37 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.4944
Stddev	.2767
%RSD	2.9146

#1	9.4668
#2	9.7839
#3	9.2325

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2400.4	26798.	2031.4	33.760	2400.1
Stddev	10.5	107.	17.0	.518	7.6
%RSD	.43783	.39884	.83490	1.5333	.31712

#1	2400.8	26897.	2015.9	33.164	2398.7
#2	2389.7	26685.	2049.5	34.095	2393.3
#3	2410.7	26812.	2028.7	34.021	2408.3

Sample Name: K3157-12LX5 Acquired: 6/27/2019 20:11:04 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8362 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	-.00016	.00199	-.00084	-.00278	.03541	.02194	.00015
Stddev	.00366	.00036	.00058	.00301	.00041	.00948	.00042	.00007
%RSD	613.96	229.59	29.343	357.82	14.789	26.785	1.9193	44.928

#1	.00234	.00025	.00148	.00237	-.00311	.02818	.02212	.00014
#2	.00057	-.00043	.00187	-.00361	-.00232	.03190	.02225	.00021
#3	-.00470	-.00030	.00263	-.00128	-.00291	.04615	.02146	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	1.6837	.00164	.00114	.00057	.08585	.22773	.07666
Stddev	.00001	.0819	.00044	.00011	.00009	.00074	.00109	.02439
%RSD	282.27	4.8668	26.606	9.3854	15.905	.86669	.47776	31.808

#1	.00001	1.7770	.00207	.00126	.00065	.08627	.22711	.06591
#2	-.00001	1.6233	.00165	.00109	.00047	.08629	.22710	.10458
#3	.00002	1.6509	.00119	.00107	.00058	.08499	.22899	.05950

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	-.00011	65.963	-.00102	.00564	.18930	-.00035	.01355
Stddev	.00056	.00056	.294	.00011	.00006	.01924	.00045	.00275
%RSD	121.68	503.19	.44550	11.179	1.0501	10.162	129.41	20.331

#1	-.00010	.00022	66.301	-.00111	.00567	.18851	-.00082	.01039
#2	.00045	-.00076	65.766	-.00105	.00557	.17046	.00008	.01478
#3	.00102	.00021	65.823	-.00089	.00567	.20891	-.00031	.01547

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04125	.12121	.00029	.00250	.00122	.0000	.00839	4.0829
Stddev	.00187	.00650	.00113	.00291	.00118	.0009	.00055	.1098
%RSD	4.5366	5.3594	394.51	116.18	96.883	7972.	6.5110	2.6883

#1	.04262	.12850	-.00072	-.00039	.00111	-.0010	.00902	4.2060
#2	.03912	.11909	.00007	.00542	.00010	.0003	.00805	4.0479
#3	.04202	.11604	.00151	.00248	.00246	.0007	.00809	3.9950

Sample Name: K3157-12LX5 Acquired: 6/27/2019 20:11:04 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8362 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.0638
 Stddev .2653
 %RSD 6.5287

#1 4.1647
 #2 4.2640
 #3 3.7629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2487.8	27976.	2002.2	32.966	2597.9
Stddev	5.4	60.	88.9	.944	8.0
%RSD	.21728	.21415	4.4401	2.8645	.30811

#1	2494.1	27908.	1900.8	32.611	2605.8
#2	2484.8	28003.	2066.8	34.036	2598.3
#3	2484.6	28019.	2038.9	32.251	2589.8

Sample Name: CCV10 Acquired: 6/27/2019 20:15:32 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0264	5.1906	4.9879	5.0726	5.0122	9.2592	9.8767	.25690
Stddev	.0309	.0286	.0421	.0401	.0352	.0842	.0353	.00072
%RSD	.61579	.55194	.84485	.79088	.70140	.90888	.35748	.27929
#1	5.0603	5.2229	5.0337	5.1184	5.0523	9.1622	9.8404	.25687
#2	4.9996	5.1682	4.9509	5.0553	4.9864	9.3112	9.9109	.25620
#3	5.0193	5.1806	4.9790	5.0440	4.9980	9.3044	9.8786	.25764
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5474	25.671	1.0067	2.5192	1.2595	5.1236	2.5778	24.254
Stddev	.0203	.010	.0036	.0194	.0102	.0062	.0078	.277
%RSD	.79485	.03789	.35347	.76852	.80690	.12018	.30093	1.1417
#1	2.5697	25.674	1.0101	2.5408	1.2707	5.1283	2.5814	23.970
#2	2.5302	25.660	1.0030	2.5036	1.2507	5.1166	2.5689	24.524
#3	2.5422	25.678	1.0069	2.5131	1.2572	5.1260	2.5831	24.269
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5402	1.2593	24.890	2.5670	2.5003	25.051	5.1118	5.0153
Stddev	.0190	.0045	.104	.0045	.0180	.125	.0331	.0706
%RSD	.74934	.36076	.41862	.17459	.71895	.49812	.64728	1.4066
#1	2.5620	1.2626	24.813	2.5722	2.5201	24.932	5.1494	4.9484
#2	2.5269	1.2541	25.008	2.5641	2.4850	25.181	5.0873	5.0890
#3	2.5317	1.2611	24.847	2.5648	2.4958	25.040	5.0987	5.0085
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0724	5.0148	5.0627	5.0083	4.8547	5.348	5.3965	4.6345
Stddev	.0401	.0435	.0333	.0121	.0494	.040	.0298	.1396
%RSD	.79157	.86725	.65723	.24235	1.0184	.7412	.55273	3.0131
#1	5.1173	5.0587	5.0973	5.0127	4.9055	5.392	5.4303	4.4743
#2	5.0400	4.9718	5.0310	4.9946	4.8068	5.316	5.3738	4.6995
#3	5.0599	5.0140	5.0598	5.0177	4.8517	5.335	5.3854	4.7299

Sample Name: CCV10 Acquired: 6/27/2019 20:15:32 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.2340
Stddev	.7420
%RSD	22.944

#1	2.4087
#2	3.4474
#3	3.8459

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2447.4	27587.	2028.6	33.500	2462.6
Stddev	15.0	36.	20.0	1.580	17.4
%RSD	.61404	.13199	.98547	4.7155	.70640

#1	2430.3	27550.	2008.0	31.820	2443.1
#2	2458.4	27623.	2047.9	34.956	2476.4
#3	2453.4	27589.	2029.9	33.724	2468.5

Sample Name: CCB10 Acquired: 6/27/2019 20:19:31 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00340	.00115	-.00008	-.00417	-.00063	-.02535	.00277	.00019
Stddev	.00139	.00183	.00075	.00131	.00253	.00985	.00085	.00010
%RSD	40.932	158.79	917.78	31.500	403.69	38.863	30.589	54.457
#1	-.00420	.00113	-.00006	-.00568	-.00261	-.03297	.00331	.00007
#2	-.00422	-.00067	.00066	-.00345	-.00150	-.01423	.00179	.00022
#3	-.00180	.00299	-.00084	-.00337	.00222	-.02885	.00321	.00027
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00009	.00029	.00008	-.00061	.00119	-.00002	-.06083
Stddev	.00005	.02017	.00029	.00015	.00022	.00072	.00007	.03618
%RSD	88.401	22158.	99.823	195.09	36.353	60.500	463.05	59.490
#1	.00006	.01901	.00015	.00015	-.00043	.00173	.00003	-.03063
#2	.00010	.00238	.00010	.00019	-.00086	.00037	.00002	-.10093
#3	.00001	-.02112	.00062	-.00010	-.00055	.00146	-.00010	-.05092
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00016	.20133	-.00052	-.00025	.03101	.00017	.01725
Stddev	.00019	.00011	.01032	.00024	.00006	.04745	.00023	.01088
%RSD	292.75	66.816	5.1272	45.292	24.132	153.03	141.25	63.057
#1	.00025	.00028	.20207	-.00074	-.00032	.02551	.00038	.00536
#2	-.00013	.00011	.21125	-.00055	-.00020	.08096	-.00008	.02669
#3	.00008	.00009	.19065	-.00027	-.00024	-.01345	.00020	.01969
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	-.00027	-.00040	-.00116	-.00088	-.0046	.00009	F 3.8402
Stddev	.00437	.00277	.00079	.00153	.00185	.0026	.00015	.1035
%RSD	244.34	1017.1	199.38	131.93	209.19	56.30	167.60	2.6943
#1	-.00259	-.00057	-.00067	-.00286	.00091	-.0024	.00019	3.7208
#2	.00614	-.00289	-.00102	.00010	-.00079	-.0074	.00016	3.9030
#3	.00181	.00263	.00050	-.00071	-.00278	-.0040	-.00008	3.8968

Sample Name: CCB10 Acquired: 6/27/2019 20:19:31 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.0279
Stddev .7674
%RSD 37.841

#1 2.0178
#2 2.8004
#3 1.2657

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2539.7	28538.	2063.8	34.280	2774.5
Stddev	2.4	35.	10.0	1.053	5.3
%RSD	.09277	.12197	.48518	3.0729	.18961

#1	2537.7	28534.	2074.2	34.859	2769.9
#2	2542.3	28574.	2063.0	33.064	2780.2
#3	2539.0	28505.	2054.2	34.916	2773.5

Sample Name: K3157-12MS Acquired: 6/27/2019 20:23:59 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78310	1.9990	.99781	2.0348	.79326	2.0976	.31404	.20413	.20565
Stddev	.00358	.0097	.00249	.0088	.00282	.0273	.00313	.00018	.00040
%RSD	.45653	.48674	.24907	.43030	.35532	1.3005	.99619	.08789	.19487

#1	.78286	1.9881	.99800	2.0250	.79544	2.0682	.31140	.20424	.20568
#2	.77965	2.0068	.99523	2.0418	.79008	2.1221	.31750	.20392	.20603
#3	.78679	2.0021	1.0002	2.0376	.79427	2.1024	.31322	.20422	.20523

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8726	.41466	.21258	.31114	3.5112	1.2826	2.7023	.52343	.07210
Stddev	.0383	.00086	.00060	.00075	.0071	.0027	.0498	.00084	.00023
%RSD	.43186	.20824	.28010	.24214	.20220	.21008	1.8414	.15959	.31362

#1	8.8560	.41544	.21241	.31055	3.5132	1.2830	2.6651	.52430	.07223
#2	8.8454	.41483	.21324	.31087	3.5171	1.2851	2.7588	.52336	.07224
#3	8.9164	.41373	.21208	.31198	3.5034	1.2797	2.6829	.52264	.07184

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	324.01	.32084	.23212	11.397	.42306	.32847	.20263	1.4403	.73284
Stddev	1.45	.00077	.00016	.160	.00036	.02582	.00457	.0311	.00221
%RSD	.44808	.24098	.06751	1.4055	.08483	7.8601	2.2540	2.1619	.30124

#1	322.54	.32007	.23227	11.252	.42290	.35766	.19952	1.4543	.73107
#2	325.45	.32083	.23214	11.569	.42281	.31916	.20788	1.4047	.73531
#3	324.04	.32162	.23196	11.370	.42347	.30861	.20050	1.4621	.73213

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21499	.20807	6.526	.29782	5.0095	7.5535
Stddev	.00079	.00346	.003	.00055	.0626	.7361
%RSD	.36562	1.6650	.0490	.18574	1.2504	9.7449

#1	.21458	.20588	6.523	.29728	5.0256	7.7072
#2	.21590	.20627	6.526	.29778	5.0626	6.7527
#3	.21450	.21206	6.529	.29838	4.9404	8.2005

Sample Name: K3157-12MS Acquired: 6/27/2019 20:23:59 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-062619 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	2376.7	26690.	2002.2	31.983	2375.1
Stddev	7.8	39.	22.5	1.175	4.1
%RSD	.32880	.14686	1.1219	3.6731	.17253
#1	2375.3	26709.	1992.4	30.626	2372.7
#2	2385.2	26645.	2027.9	32.656	2379.9
#3	2369.7	26716.	1986.3	32.665	2372.9

Sample Name: K3157-12MSD Acquired: 6/27/2019 20:28:08 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78440	1.9990	.99834	2.0265	.78914	2.0876	.31196	.20383	.20565
Stddev	.00523	.0054	.00280	.0072	.00282	.0334	.00191	.00072	.00026
%RSD	.66721	.26978	.28082	.35447	.35680	1.5996	.61195	.35238	.12578

#1	.78452	1.9973	1.0011	2.0201	.79240	2.0783	.30991	.20387	.20535
#2	.77910	2.0050	.99545	2.0343	.78746	2.1247	.31369	.20454	.20577
#3	.78957	1.9946	.99853	2.0250	.78758	2.0599	.31228	.20310	.20582

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9328	.41816	.21277	.30962	3.5157	1.2929	2.5805	.52289	.07304
Stddev	.1304	.00293	.00080	.00240	.0214	.0070	.0445	.00075	.00085
%RSD	1.4593	.70188	.37476	.77393	.60988	.54556	1.7226	.14395	1.1574

#1	8.7897	.41633	.21193	.31175	3.5106	1.2913	2.5292	.52341	.07398
#2	8.9638	.42154	.21289	.31008	3.5393	1.3006	2.6076	.52203	.07280
#3	9.0448	.41660	.21351	.30702	3.4973	1.2867	2.6048	.52324	.07234

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	327.00	.32259	.23225	11.484	.42245	.31523	.19700	1.4530	.73238
Stddev	2.97	.00215	.00021	.108	.00044	.00336	.00519	.0121	.00084
%RSD	.90895	.66555	.08999	.94351	.10351	1.0650	2.6328	.83214	.11485

#1	325.07	.32296	.23225	11.375	.42291	.31137	.19607	1.4488	.73141
#2	330.42	.32452	.23204	11.591	.42238	.31748	.20259	1.4435	.73296
#3	325.50	.32028	.23246	11.487	.42205	.31683	.19235	1.4666	.73275

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21196	.20671	6.522	.29624	4.9465	7.0022
Stddev	.00236	.00252	.017	.00315	.0306	1.2001
%RSD	1.1131	1.2197	.2579	1.0644	.61871	17.139

#1	.21195	.20391	6.537	.29260	4.9745	6.7565
#2	.20960	.20743	6.525	.29795	4.9513	5.9439
#3	.21431	.20880	6.504	.29817	4.9138	8.3061

Sample Name: K3157-12MSD Acquired: 6/27/2019 20:28:08 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-062619 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	2378.9	26695.	2002.5	32.543	2372.3
Stddev	12.3	134.	2.8	2.458	11.0
%RSD	.51582	.50034	.13979	7.5521	.46310
#1	2365.6	26676.	2001.2	35.289	2361.6
#2	2389.8	26572.	2000.5	30.550	2383.6
#3	2381.3	26837.	2005.7	31.790	2371.6

Sample Name: K3157-12A Acquired: 6/27/2019 20:32:16 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8366 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78269	2.0053	.99777	2.0137	.78888	2.0791	.31220	.20347	.20549
Stddev	.00332	.0036	.00035	.0019	.00615	.0226	.00428	.00033	.00045
%RSD	.42442	.17921	.03528	.09201	.77920	1.0876	1.3721	.16421	.21666

#1	.77989	2.0038	.99818	2.0123	.78181	2.0542	.30751	.20374	.20543
#2	.78183	2.0028	.99756	2.0130	.79288	2.0984	.31316	.20310	.20508
#3	.78636	2.0094	.99758	2.0158	.79197	2.0847	.31591	.20359	.20597

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9643	.41689	.21252	.30916	3.5114	1.2918	2.6068	.52114	.07296
Stddev	.0320	.00145	.00042	.00167	.0043	.0007	.0558	.00037	.00151
%RSD	.35735	.34859	.19839	.53944	.12211	.05312	2.1391	.07078	2.0720

#1	8.9794	.41834	.21203	.30851	3.5155	1.2921	2.5663	.52074	.07211
#2	8.9859	.41543	.21278	.30791	3.5116	1.2922	2.5836	.52122	.07207
#3	8.9275	.41689	.21275	.31105	3.5070	1.2910	2.6704	.52146	.07471

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	327.29	.32231	.23192	11.442	.42295	.34479	.19723	1.4473	.73192
Stddev	3.73	.00143	.00017	.181	.00154	.03690	.00893	.0187	.00106
%RSD	1.1399	.44362	.07377	1.5789	.36436	10.701	4.5270	1.2907	.14491

#1	323.28	.32074	.23210	11.234	.42212	.35472	.20448	1.4688	.73254
#2	327.92	.32354	.23177	11.548	.42201	.30394	.18726	1.4359	.73252
#3	330.67	.32264	.23187	11.546	.42473	.37570	.19995	1.4371	.73069

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21726	.20989	6.515	.29781	5.0412	6.8529
Stddev	.00259	.00265	.009	.00073	.0584	1.2614
%RSD	1.1929	1.2607	.1349	.24393	1.1591	18.407

#1	.21447	.20745	6.525	.29738	5.0037	8.0606
#2	.21771	.21270	6.511	.29740	5.1085	5.5439
#3	.21960	.20952	6.510	.29865	5.0114	6.9543

Sample Name: K3157-12A Acquired: 6/27/2019 20:32:16 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8366 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	2364.1	26554.	1982.3	33.706	2358.5
Stddev	7.0	91.	19.9	.176	8.9
%RSD	.29780	.34191	1.0026	.52138	.37940
#1	2356.4	26643.	1959.4	33.508	2348.2
#2	2370.2	26558.	1994.6	33.843	2364.3
#3	2365.7	26461.	1992.9	33.766	2363.0

Sample Name: K3157-14 Acquired: 6/27/2019 20:36:25 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	-.00102	.00853	.00047	-.00282	.16740	.14439	.00016
Stddev	.00232	.00137	.00160	.00196	.00064	.01215	.00129	.00008
%RSD	434.83	135.04	18.713	414.78	22.782	7.2607	.89417	49.224

#1	-.00198	-.00194	.00796	.00268	-.00218	.15468	.14307	.00025
#2	.00258	-.00167	.01033	-.00017	-.00281	.17890	.14565	.00011
#3	.00100	.00056	.00729	-.00108	-.00347	.16862	.14444	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	16.068	.00045	.00993	.00634	.24691	1.2420	1.3477
Stddev	.00008	.109	.00032	.00009	.00011	.00155	.0013	.0358
%RSD	251.43	.67616	72.082	.90298	1.7077	.62720	.10377	2.6580

#1	-.00006	15.951	.00012	.00983	.00625	.24652	1.2431	1.3517
#2	-.00010	16.086	.00045	.00997	.00630	.24861	1.2424	1.3813
#3	.00006	16.166	.00077	.01000	.00646	.24559	1.2406	1.3100

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00592	.00049	383.86	-.00411	.03728	1.2673	-.00046	.01736
Stddev	.00025	.00034	3.59	.00049	.00002	.0448	.00024	.00973
%RSD	4.2444	69.117	.93455	12.002	.06647	3.5342	52.673	56.060

#1	.00580	.00084	380.10	-.00378	.03727	1.2177	-.00074	.01392
#2	.00576	.00046	387.24	-.00467	.03726	1.2793	-.00028	.00982
#3	.00621	.00017	384.24	-.00386	.03730	1.3048	-.00036	.02835

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27226	.75151	.00233	.00042	.00348	.0020	.06088	4.8427
Stddev	.00635	.00265	.00068	.00296	.00280	.0019	.00036	.0600
%RSD	2.3306	.35221	29.266	711.71	80.646	92.59	.58331	1.2395

#1	.27952	.75053	.00232	.00322	.00197	.0013	.06055	4.8281
#2	.26780	.75451	.00166	.00072	.00671	.0006	.06084	4.9087
#3	.26946	.74949	.00302	-.00269	.00174	.0042	.06125	4.7913

Sample Name: K3157-14 Acquired: 6/27/2019 20:36:25 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.4552
Stddev	.4899
%RSD	5.7940

#1	8.5819
#2	7.9144
#3	8.8693

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2350.2	26425.	2008.4	32.968	2333.7
Stddev	9.0	127.	10.8	1.934	8.6
%RSD	.38308	.48175	.53817	5.8663	.37017

#1	2346.2	26452.	2000.3	34.016	2329.7
#2	2360.5	26286.	2020.7	30.736	2343.6
#3	2343.8	26536.	2004.2	34.152	2327.8

Sample Name: K3157-16 Acquired: 6/27/2019 20:41:00 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00152	.00519	-.00328	-.00034	.12279	.13527	.00022
Stddev	.00425	.00045	.00086	.00283	.00279	.00577	.00026	.00004
%RSD	1556.9	29.797	16.488	86.433	819.79	4.7022	.19003	16.710

#1	-.00421	-.00196	.00599	-.00016	.00285	.12912	.13502	.00018
#2	.00424	-.00105	.00429	-.00570	-.00230	.12146	.13554	.00022
#3	.00079	-.00155	.00530	-.00397	-.00157	.11780	.13526	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	14.277	.00038	.00941	.00449	.07422	1.3212	1.1173
Stddev	.00007	.025	.00005	.00013	.00011	.00079	.0024	.0266
%RSD	470.92	.17275	12.459	1.3901	2.3948	1.0646	.17949	2.3815

#1	-.00001	14.252	.00039	.00939	.00461	.07432	1.3214	1.0941
#2	.00005	14.277	.00042	.00954	.00440	.07338	1.3235	1.1114
#3	-.00009	14.301	.00033	.00928	.00447	.07495	1.3188	1.1463

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00273	.00028	367.10	-.00455	.02958	.87659	-.00059	.00502
Stddev	.00074	.00014	4.23	.00067	.00007	.01281	.00040	.02456
%RSD	27.027	51.867	1.1535	14.763	.22028	1.4619	67.318	488.91

#1	.00190	.00040	367.38	-.00530	.02950	.87701	-.00061	.00859
#2	.00333	.00012	371.18	-.00438	.02963	.86357	-.00098	.02760
#3	.00294	.00031	362.73	-.00399	.02959	.88919	-.00018	-.02112

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43671	.70637	.00187	.00333	.00320	.0004	.07874	4.7336
Stddev	.00448	.00526	.00090	.00242	.00172	.0022	.00030	.1164
%RSD	1.0269	.74520	47.908	72.584	53.666	568.9	.37668	2.4583

#1	.43963	.70112	.00084	.00284	.00280	.0021	.07842	4.8678
#2	.43895	.70635	.00232	.00120	.00509	.0012	.07900	4.6600
#3	.43154	.71165	.00245	.00596	.00172	-.0021	.07881	4.6731

Sample Name: K3157-16 Acquired: 6/27/2019 20:41:00 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.6885
Stddev	2.0331
%RSD	23.400

#1	6.9557
#2	10.927
#3	8.1831

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2377.9	26563.	2020.9	32.735	2371.0
Stddev	10.3	147.	11.3	1.715	14.8
%RSD	.43401	.55221	.55909	5.2381	.62493

#1	2373.1	26430.	2012.0	31.101	2361.7
#2	2370.8	26539.	2017.0	32.582	2363.3
#3	2389.7	26720.	2033.6	34.520	2388.1

Sample Name: K3157-18 Acquired: 6/27/2019 20:45:31 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	-.00213	.00562	-.00040	-.00228	.73518	.13655	.00028
Stddev	.00157	.00087	.00086	.00230	.00163	.04311	.00736	.00005
%RSD	198.10	40.683	15.361	569.45	71.506	5.8644	5.3919	17.325

#1	-.00055	-.00298	.00661	-.00233	-.00383	.78395	.14500	.00022
#2	.00252	-.00125	.00507	-.00103	-.00058	.70214	.13152	.00032
#3	.00040	-.00216	.00518	.00215	-.00241	.71946	.13311	.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	20.455	.00139	.00948	.00575	1.0295	1.1323	1.2119
Stddev	.00001	.250	.00055	.00006	.00038	.0662	.0754	.1175
%RSD	1140.4	1.2239	39.762	.62314	6.6750	6.4290	6.6582	9.6918

#1	.00002	20.174	.00196	.00955	.00531	1.1040	1.2182	1.3433
#2	-.00000	20.654	.00137	.00948	.00601	.97746	1.0772	1.1754
#3	-.00001	20.536	.00085	.00943	.00593	1.0070	1.1016	1.1171

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00513	.00035	328.84	-.00228	.02813	1.1297	-.00048	.00959
Stddev	.00029	.00070	19.95	.00066	.00004	.0656	.00035	.00857
%RSD	5.7389	200.52	6.0676	28.899	.14414	5.8079	71.868	89.289

#1	.00546	.00069	351.70	-.00158	.02809	1.2022	-.00045	.00302
#2	.00490	-.00045	314.91	-.00289	.02817	1.1125	-.00015	.00648
#3	.00503	.00081	319.90	-.00236	.02814	1.0744	-.00084	.01928

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49141	1.8642	.00251	.03408	.00500	.0144	.10533	4.7884
Stddev	.00565	.0246	.00044	.00198	.00290	.0005	.00111	.4686
%RSD	1.1496	1.3199	17.529	5.8143	58.050	3.245	1.0524	9.7850

#1	.49592	1.8368	.00260	.03180	.00529	.0149	.10411	5.3174
#2	.48508	1.8710	.00204	.03506	.00774	.0142	.10562	4.4254
#3	.49324	1.8846	.00291	.03538	.00196	.0141	.10627	4.6226

Sample Name: K3157-18 Acquired: 6/27/2019 20:45:31 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.0532
 Stddev .6035
 %RSD 6.6660

#1 8.9453
 #2 8.5109
 #3 9.7033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2377.2	26249.	2027.3	33.021	2377.7
Stddev	6.4	1567.	17.5	1.529	12.3
%RSD	.26872	5.9686	.86343	4.6312	.51618

#1	2372.8	24468.	2047.4	31.467	2373.1
#2	2374.2	27415.	2018.8	33.070	2368.4
#3	2384.5	26864.	2015.7	34.525	2391.6

Sample Name: K3157-20 Acquired: 6/27/2019 20:49:56 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00277	-.00220	.01394	.00231	-.00162	.10431	.13638	.00012
Stddev	.00183	.00112	.00089	.00199	.00122	.01219	.00118	.00011
%RSD	66.145	50.982	6.3899	86.095	74.860	11.684	.86596	98.836

#1	-.00351	-.00324	.01478	.00171	-.00151	.10391	.13509	.00018
#2	-.00068	-.00101	.01301	.00454	-.00289	.11669	.13664	.00019
#3	-.00410	-.00236	.01403	.00069	-.00047	.09233	.13741	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	14.655	.00038	.00941	.00317	.08294	1.2574	1.1660
Stddev	.00010	.118	.00053	.00029	.00020	.00120	.0002	.0393
%RSD	210.40	.80182	140.13	3.0931	6.4480	1.4512	.01915	3.3705

#1	-.00002	14.547	.00097	.00946	.00307	.08406	1.2577	1.1339
#2	.00016	14.780	.00025	.00968	.00303	.08167	1.2574	1.2098
#3	.00000	14.638	-.00008	.00910	.00340	.08311	1.2572	1.1542

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00469	.00021	355.26	-.00386	.03068	1.0477	-.00034	.01517
Stddev	.00016	.00060	.57	.00027	.00013	.0660	.00009	.00566
%RSD	3.4145	281.39	.16006	7.0296	.43935	6.3040	26.707	37.310

#1	.00451	.00002	354.62	-.00416	.03084	1.1165	-.00024	.02170
#2	.00474	.00088	355.49	-.00363	.03062	.98481	-.00042	.01218
#3	.00482	-.00027	355.69	-.00379	.03060	1.0417	-.00037	.01164

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63061	.61615	.00187	.00481	.00460	.0012	.07252	4.7496
Stddev	.00516	.00357	.00021	.00360	.00294	.0011	.00049	.1039
%RSD	.81801	.57906	11.018	74.921	63.964	92.57	.67244	2.1865

#1	.63654	.61644	.00202	.00226	.00338	.0015	.07197	4.6380
#2	.62804	.61245	.00196	.00324	.00795	.0021	.07291	4.7676
#3	.62723	.61957	.00164	.00893	.00246	-.0000	.07269	4.8434

Sample Name: K3157-20 Acquired: 6/27/2019 20:49:56 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-062619 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.784
 Stddev .930
 %RSD 8.6260

#1 11.380
 #2 9.7120
 #3 11.259

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2379.5	26693.	2021.0	33.895	2380.6
Stddev	8.2	163.	20.6	1.081	5.1
%RSD	.34393	.61033	1.0216	3.1897	.21357

#1	2375.4	26511.	1999.9	33.182	2382.7
#2	2374.2	26743.	2022.0	35.139	2374.8
#3	2388.9	26826.	2041.1	33.363	2384.4

Sample Name: K3159-10 Acquired: 6/27/2019 20:54:22 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00087	-.00055	.01567	.00037	-.00026	.76960	.08371	.00022
Stddev	.00270	.00075	.00123	.00118	.00249	.00826	.00070	.00013
%RSD	312.18	135.57	7.8176	316.81	948.40	1.0734	.83297	60.127

#1	.00139	.00007	.01445	.00029	.00054	.76020	.08338	.00007
#2	-.00012	-.00035	.01566	-.00076	-.00305	.77569	.08451	.00026
#3	-.00386	-.00138	.01690	.00159	.00173	.77292	.08323	.00033

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	19.671	.00140	.00336	.00774	.85371	.39435	1.6897
Stddev	.00006	.057	.00088	.00015	.00019	.00637	.00135	.1351
%RSD	140.93	.28820	63.062	4.4415	2.4430	.74651	.34255	7.9956

#1	.00003	19.713	.00110	.00323	.00759	.86094	.39556	1.6657
#2	.00010	19.606	.00240	.00352	.00767	.84892	.39460	1.5682
#3	-.00001	19.693	.00071	.00333	.00795	.85125	.39289	1.8352

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00197	.00024	316.64	-.00024	.02986	.66213	-.00034	.02157
Stddev	.00029	.00025	1.46	.00052	.00012	.06940	.00034	.01823
%RSD	14.969	105.09	.46049	216.83	.38928	10.481	102.23	84.529

#1	.00200	.00052	317.93	.00021	.02994	.58817	-.00036	.00052
#2	.00224	.00002	315.06	-.00012	.02972	.72582	.00002	.03162
#3	.00165	.00018	316.93	-.00081	.02991	.67238	-.00067	.03257

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23400	1.5813	.00243	.02990	.00365	.0202	.07419	4.6750
Stddev	.00808	.0289	.00060	.00133	.00172	.0031	.00005	.0521
%RSD	3.4517	1.8304	24.628	4.4353	47.078	15.45	.06146	1.1145

#1	.23908	1.6048	.00185	.03139	.00167	.0200	.07422	4.6218
#2	.23823	1.5901	.00240	.02944	.00476	.0172	.07420	4.6772
#3	.22468	1.5490	.00305	.02886	.00453	.0235	.07414	4.7259

Sample Name: K3159-10 Acquired: 6/27/2019 20:54:22 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-062619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.3540
Stddev	1.6840
%RSD	20.158

#1	7.4691
#2	7.2970
#3	10.296

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2376.4	26875.	2046.4	34.381	2373.8
Stddev	.9	169.	11.0	1.195	5.3
%RSD	.03601	.62818	.53965	3.4745	.22505

#1	2376.8	26681.	2035.1	33.002	2371.7
#2	2377.0	26981.	2047.1	35.056	2379.8
#3	2375.4	26964.	2057.2	35.086	2369.8

Sample Name: K3159-12 Acquired: 6/27/2019 20:58:47 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	-.00193	.00919	-.00130	-.00033	.47595	.10796	.00019
Stddev	.00221	.00051	.00085	.00079	.00323	.00280	.00122	.00004
%RSD	215.10	26.280	9.2724	60.602	978.41	.58899	1.1339	18.912

#1	-.00138	-.00248	.01013	-.00058	.00102	.47488	.10913	.00016
#2	.00296	-.00150	.00847	-.00118	.00200	.47384	.10807	.00023
#3	.00150	-.00180	.00895	-.00213	-.00401	.47913	.10669	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	16.107	.00163	.00210	.00502	.49983	.36184	1.0282
Stddev	.00007	.033	.00032	.00008	.00018	.00202	.00097	.0601
%RSD	166.42	.20382	19.464	3.6468	3.5298	.40347	.26906	5.8438

#1	.00006	16.093	.00163	.00205	.00509	.50053	.36165	1.0288
#2	-.00003	16.145	.00131	.00205	.00481	.50140	.36289	1.0880
#3	.00010	16.084	.00195	.00218	.00514	.49756	.36097	.96782

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00155	.00050	320.71	-.00065	.03345	.64218	-.00031	.03993
Stddev	.00069	.00053	1.71	.00046	.00008	.03257	.00031	.00423
%RSD	44.707	106.35	.53400	70.776	.22705	5.0719	99.789	10.587

#1	.00129	.00086	319.10	-.00021	.03351	.60750	-.00022	.04066
#2	.00103	-.00011	322.51	-.00061	.03347	.64694	-.00005	.03539
#3	.00234	.00075	320.52	-.00113	.03336	.67212	-.00065	.04375

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16253	1.0444	.00297	.01615	.00360	.0145	.05908	4.7333
Stddev	.00253	.0095	.00052	.00077	.00098	.0006	.00040	.0468
%RSD	1.5590	.91296	17.467	4.7375	27.299	3.827	.68003	.98820

#1	.16234	1.0533	.00355	.01603	.00310	.0141	.05868	4.7295
#2	.16515	1.0343	.00257	.01697	.00474	.0142	.05949	4.7818
#3	.16010	1.0456	.00278	.01545	.00297	.0151	.05908	4.6885

Sample Name: K3159-12 Acquired: 6/27/2019 20:58:47 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-062619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.5719
Stddev	.4791
%RSD	5.5896

#1	8.9158
#2	8.0246
#3	8.7752

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2364.5	26562.	1999.1	32.070	2369.4
Stddev	10.7	113.	8.0	.960	11.2
%RSD	.45060	.42685	.40091	2.9930	.47127

#1	2352.5	26489.	1994.1	31.099	2358.0
#2	2368.0	26504.	1994.8	32.091	2370.1
#3	2372.9	26692.	2008.3	33.019	2380.3

Sample Name: K3507-02 Acquired: 6/27/2019 21:03:12 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-062619 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	-.00090	.00548	-.00112	-.00225	.43853	.08930	.00025
Stddev	.00177	.00187	.00102	.00154	.00264	.01757	.00084	.00008
%RSD	179.36	207.06	18.594	138.10	117.58	4.0071	.94374	33.855

#1	-.00242	-.00293	.00561	-.00093	-.00241	.44809	.08903	.00034
#2	-.00154	.00075	.00440	.00032	.00047	.44926	.09025	.00023
#3	.00099	-.00053	.00642	-.00275	-.00481	.41825	.08863	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	14.640	.00101	.00274	.01097	.48163	.54779	2.0728
Stddev	.00004	.065	.00008	.00015	.00014	.00174	.00225	.0277
%RSD	33.119	.44501	8.1924	5.4710	1.2318	.36103	.41028	1.3353

#1	-.00013	14.566	.00097	.00262	.01110	.47969	.54519	2.1036
#2	-.00009	14.665	.00096	.00268	.01098	.48217	.54913	2.0499
#3	-.00017	14.689	.00111	.00291	.01083	.48304	.54904	2.0650

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00297	-.00012	357.23	-.00150	.02912	.81239	-.00055	.03456
Stddev	.00033	.00012	1.95	.00058	.00012	.05867	.00022	.02373
%RSD	11.071	100.57	.54538	38.915	.42738	7.2224	39.438	68.661

#1	.00305	-.00026	356.08	-.00083	.02923	.80567	-.00039	.01262
#2	.00326	-.00003	359.48	-.00188	.02899	.87413	-.00046	.05974
#3	.00261	-.00008	356.13	-.00180	.02916	.75736	-.00079	.03131

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97375	.87553	.00216	.01506	.00508	.0064	.06605	4.6938
Stddev	.00916	.00854	.00096	.00083	.00225	.0009	.00025	.0520
%RSD	.94042	.97545	44.549	5.5368	44.263	14.08	.37408	1.1076

#1	.97831	.86937	.00278	.01439	.00307	.0057	.06577	4.7151
#2	.96321	.88528	.00264	.01600	.00751	.0061	.06623	4.6345
#3	.97974	.87195	.00105	.01480	.00467	.0074	.06615	4.7317

Sample Name: K3507-02 Acquired: 6/27/2019 21:03:12 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-07-062619 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.5204
 Stddev .9415
 %RSD 11.050

#1 8.7049
 #2 9.3560
 #3 7.5003

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2358.1	26769.	2022.5	34.273	2364.5
Stddev	4.4	48.	2.6	.722	6.3
%RSD	.18826	.17881	.12789	2.1070	.26560

#1	2357.1	26764.	2021.1	35.092	2359.6
#2	2363.0	26723.	2025.5	33.727	2371.6
#3	2354.3	26819.	2020.9	34.000	2362.5

Sample Name: CCV11 Acquired: 6/27/2019 21:07:39 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15196 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9545	5.1492	4.9376	5.0131	4.9425	9.1593	9.7294	.25384
Stddev	.0221	.0109	.0075	.0099	.0027	.0694	.0878	.00036
%RSD	.44663	.21101	.15223	.19769	.05471	.75738	.90298	.14168
#1	4.9545	5.1391	4.9292	5.0231	4.9397	9.0810	9.6325	.25342
#2	4.9324	5.1607	4.9398	5.0033	4.9426	9.2129	9.7518	.25400
#3	4.9766	5.1477	4.9438	5.0128	4.9451	9.1841	9.8039	.25408
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5254	25.342	1.0012	2.4955	1.2442	5.0795	2.5479	23.709
Stddev	.0025	.171	.0053	.0025	.0009	.0109	.0018	.209
%RSD	.09902	.67445	.53447	.10033	.07344	.21358	.07014	.88016
#1	2.5237	25.179	.99918	2.4927	1.2450	5.0682	2.5468	23.477
#2	2.5283	25.329	.99721	2.4969	1.2445	5.0803	2.5499	23.766
#3	2.5242	25.520	1.0073	2.4971	1.2432	5.0899	2.5469	23.882
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5233	1.2437	24.757	2.5511	2.4683	24.735	5.0615	4.9589
Stddev	.0011	.0035	.148	.0027	.0040	.031	.0038	.0268
%RSD	.04239	.27936	.59898	.10464	.16146	.12416	.07425	.53988
#1	2.5227	1.2410	24.590	2.5493	2.4638	24.704	5.0609	4.9898
#2	2.5245	1.2426	24.809	2.5542	2.4698	24.735	5.0580	4.9445
#3	2.5226	1.2476	24.873	2.5500	2.4714	24.765	5.0655	4.9425
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0106	4.9675	5.0314	4.9553	4.8263	5.296	5.3485	F 4.3783
Stddev	.0075	.0178	.0051	.0151	.0195	.011	.0268	.0511
%RSD	.14880	.35862	.10090	.30392	.40471	.2079	.50137	1.1681
#1	5.0192	4.9571	5.0270	4.9381	4.8041	5.293	5.3226	4.3562
#2	5.0068	4.9574	5.0301	4.9612	4.8410	5.308	5.3467	4.4367
#3	5.0059	4.9881	5.0369	4.9664	4.8338	5.287	5.3762	4.3419

Sample Name: CCV11 Acquired: 6/27/2019 21:07:39 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15196 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.6171
 Stddev .1768
 %RSD 6.7565

#1 2.8132
 #2 2.4698
 #3 2.5682

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2480.4	27961.	2045.0	34.203	2493.4
Stddev	3.2	37.	2.8	.333	1.5
%RSD	.13006	.13190	.13765	.97305	.06121

#1	2479.7	28003.	2042.7	34.168	2495.2
#2	2483.9	27934.	2048.1	34.552	2492.4
#3	2477.6	27945.	2044.2	33.889	2492.6

Sample Name: CCB11 Acquired: 6/27/2019 21:11:38 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15196 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.00048	-.00084	-.00401	-.00254	-.01305	.00266	.00015
Stddev	.00138	.00019	.00053	.00167	.00124	.01283	.00063	.00007
%RSD	831.47	39.561	63.878	41.492	48.701	98.286	23.546	45.491
#1	-.00155	.00049	-.00143	-.00457	-.00121	-.02664	.00210	.00009
#2	.00121	.00029	-.00040	-.00533	-.00278	-.00115	.00333	.00013
#3	-.00015	.00067	-.00067	-.00214	-.00365	-.01136	.00254	.00023
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00396	.00036	-.00011	-.00047	.00126	-.00006	-.05004
Stddev	.00005	.03113	.00007	.00024	.00013	.00017	.00008	.06209
%RSD	76.026	785.76	20.504	215.95	27.868	13.510	129.59	124.10
#1	.00001	.00619	.00029	-.00029	-.00047	.00127	-.00007	.01191
#2	.00009	-.03891	.00043	.00016	-.00060	.00108	-.00013	-.04974
#3	.00010	.02083	.00035	-.00019	-.00034	.00142	.00002	-.11228
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	.00064	.26450	-.00015	-.00024	-.02624	.00038	.00399
Stddev	.00027	.00053	.00824	.00053	.00022	.05585	.00021	.01821
%RSD	90.623	83.224	3.1161	359.40	93.139	212.84	54.122	456.79
#1	.00055	.00100	.27317	-.00066	-.00001	.03691	.00052	.00650
#2	.00036	.00089	.25676	-.00018	-.00045	-.04649	.00049	.02081
#3	.00001	.00003	.26358	.00040	-.00025	-.06914	.00015	-.01535
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00424	-.00002	-.00038	.00089	.00089	-.0016	.00010	F 3.6747
Stddev	.00138	.00220	.00031	.00072	.00171	.0024	.00018	.1548
%RSD	32.595	11394.	82.543	80.918	192.88	156.2	174.41	4.2111
#1	.00387	-.00171	-.00051	.00070	.00150	-.0039	.00028	3.8396
#2	.00577	.00247	-.00002	.00169	-.00104	.0009	.00011	3.5326
#3	.00309	-.00083	-.00059	.00029	.00221	-.0016	-.00008	3.6519

Sample Name: CCB11 Acquired: 6/27/2019 21:11:38 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15196 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1386
Stddev .4652
%RSD 21.754

#1 1.6825
#2 2.1209
#3 2.6124

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2569.6	28646.	2062.1	36.196	2813.5
Stddev	2.9	67.	20.6	.295	4.9
%RSD	.11193	.23345	.99864	.81552	.17369

#1	2566.5	28587.	2039.3	36.339	2807.8
#2	2570.2	28719.	2067.4	35.857	2816.3
#3	2572.1	28632.	2079.5	36.393	2816.3

Sample Name: K3507-04 Acquired: 6/27/2019 21:16:07 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00392	-.00279	.01063	-.00137	-.00282	.28160	.15504	.00036
Stddev	.00231	.00240	.00134	.00236	.00263	.02313	.00065	.00007
%RSD	58.959	85.915	12.573	171.74	93.200	8.2127	.42196	20.434

#1	-.00652	-.00433	.00963	.00019	-.00256	.29409	.15439	.00043
#2	-.00207	-.00003	.01215	-.00023	-.00033	.29580	.15570	.00036
#3	-.00319	-.00403	.01011	-.00408	-.00557	.25492	.15502	.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	17.636	.00068	.00779	.01166	1.1895	1.0321	1.6232
Stddev	.00015	.102	.00034	.00017	.00064	.0120	.0016	.0353
%RSD	187.44	.57706	49.455	2.1315	5.5057	1.0069	.15460	2.1732

#1	.00023	17.539	.00104	.00760	.01095	1.2029	1.0331	1.6189
#2	-.00007	17.626	.00062	.00789	.01220	1.1796	1.0303	1.5902
#3	.00008	17.742	.00038	.00788	.01182	1.1862	1.0329	1.6603

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00577	-.00003	429.29	-.00330	.05009	1.1895	-.00042	.03924
Stddev	.00031	.00006	1.95	.00046	.00014	.0103	.00041	.01960
%RSD	5.3752	239.29	.45451	13.922	.27359	.86956	98.351	49.937

#1	.00612	.00002	428.74	-.00286	.05019	1.1779	-.00051	.02044
#2	.00552	-.00001	427.67	-.00326	.05015	1.1978	.00003	.03773
#3	.00568	-.00009	431.45	-.00378	.04993	1.1927	-.00078	.05955

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97642	.78163	.00226	.00679	.00133	.0015	.06549	4.7177
Stddev	.00298	.01098	.00023	.00017	.00207	.0017	.00034	.1197
%RSD	.30536	1.4044	10.006	2.5038	154.88	113.5	.51336	2.5362

#1	.97598	.78606	.00250	.00660	.00142	.0008	.06522	4.5998
#2	.97367	.76913	.00224	.00683	.00336	.0034	.06586	4.7141
#3	.97959	.78970	.00205	.00693	-.00077	.0002	.06538	4.8391

Sample Name: K3507-04 Acquired: 6/27/2019 21:16:07 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-062619 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.159
Stddev	1.327
%RSD	13.063

#1	11.641
#2	9.7556
#3	9.0801

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2348.0	26303.	2006.4	33.623	2335.1
Stddev	9.1	105.	10.5	1.607	10.0
%RSD	.38829	.39994	.52574	4.7786	.42776

#1	2345.1	26185.	1994.8	35.395	2330.9
#2	2340.7	26334.	2015.5	33.214	2328.0
#3	2358.2	26388.	2008.8	32.261	2346.5

Sample Name: K3509-02 Acquired: 6/27/2019 21:20:41 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-06-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	-.00195	.00688	-.00213	-.00005	.52586	.05095	.00017
Stddev	.00044	.00128	.00043	.00178	.00093	.01159	.00131	.00008
%RSD	45.145	65.433	6.1784	83.465	1872.3	2.2033	2.5780	45.518

#1	-.00146	-.00260	.00643	-.00035	-.00044	.51281	.04967	.00023
#2	-.00088	-.00048	.00694	-.00213	-.00072	.52981	.05087	.00008
#3	-.00059	-.00277	.00728	-.00390	.00101	.53495	.05229	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	11.212	.00239	.00116	.00489	2.2751	.22457	1.2859
Stddev	.00001	.037	.00027	.00005	.00058	.0099	.00159	.0399
%RSD	4.5547	.33448	11.423	4.3547	11.775	.43401	.70693	3.1018

#1	-.00022	11.209	.00213	.00120	.00466	2.2700	.22274	1.2962
#2	-.00021	11.250	.00267	.00110	.00447	2.2865	.22556	1.2418
#3	-.00023	11.175	.00237	.00118	.00555	2.2688	.22542	1.3196

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00126	-.00014	355.75	.00483	.02378	1.0111	-.00065	.04548
Stddev	.00032	.00139	1.20	.00040	.00010	.0302	.00039	.01354
%RSD	25.084	963.16	.33659	8.3615	.40234	2.9881	59.256	29.763

#1	.00131	-.00084	354.71	.00440	.02387	1.0439	-.00050	.06106
#2	.00092	-.00105	357.06	.00489	.02377	1.0050	-.00037	.03661
#3	.00154	.00146	355.49	.00521	.02368	.98441	-.00109	.03876

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76204	1.7114	.00167	.01157	.00187	.0211	.03404	4.7644
Stddev	.00683	.0117	.00099	.00249	.00119	.0017	.00026	.0724
%RSD	.89645	.68259	59.221	21.521	63.493	7.919	.75661	1.5201

#1	.75585	1.7003	.00132	.00977	.00307	.0229	.03419	4.8475
#2	.76937	1.7236	.00091	.01441	.00183	.0210	.03418	4.7146
#3	.76092	1.7103	.00280	.01053	.00070	.0195	.03374	4.7311

Sample Name: K3509-02 Acquired: 6/27/2019 21:20:41 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-06-062619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.2557
Stddev	1.1362
%RSD	13.762

#1	7.2648
#2	8.0066
#3	9.4958

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2363.0	26528.	1999.6	33.005	2369.7
Stddev	4.1	118.	13.5	.949	1.9
%RSD	.17159	.44419	.67306	2.8753	.08112

#1	2366.5	26411.	1987.4	33.026	2371.8
#2	2358.6	26526.	1997.4	33.944	2368.1
#3	2364.0	26646.	2014.0	32.046	2369.1

Sample Name: K3509-04 Acquired: 6/27/2019 21:25:07 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-06-062619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00313	-.00168	.00577	-.00051	-.00081	1.1469	.09318	.00025
Stddev	.00031	.00231	.00040	.00176	.00154	.0816	.00057	.00005
%RSD	9.9942	137.24	6.8943	344.67	189.97	7.1175	.60806	21.413

#1	.00280	-.00149	.00623	-.00244	-.00223	1.0688	.09264	.00031
#2	.00342	.00053	.00550	.00100	.00082	1.2317	.09377	.00020
#3	.00316	-.00409	.00558	-.00009	-.00102	1.1402	.09312	.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	7.3595	.00418	.00180	.00381	5.8518	.29128	2.1108
Stddev	.00007	.3507	.00030	.00022	.00035	.0124	.00054	.0198
%RSD	19.019	4.7653	7.2815	12.243	9.2762	.21272	.18526	.93722

#1	-.00033	7.5737	.00383	.00195	.00420	5.8472	.29166	2.1081
#2	-.00047	6.9548	.00430	.00155	.00370	5.8659	.29152	2.1318
#3	-.00037	7.5500	.00440	.00190	.00353	5.8423	.29066	2.0925

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	-.00012	357.98	.01235	.04451	1.5596	-.00048	.05487
Stddev	.00004	.00060	3.17	.00022	.00014	.0463	.00008	.00965
%RSD	3.4248	493.94	.88454	1.7580	.31577	2.9706	16.565	17.581

#1	.00112	-.00079	355.39	.01210	.04444	1.5151	-.00051	.06567
#2	.00108	.00037	357.04	.01244	.04467	1.6076	-.00055	.04710
#3	.00104	.00005	361.51	.01251	.04441	1.5561	-.00039	.05185

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3888	2.8277	.00191	.02705	.00088	.0427	.02496	4.5434
Stddev	.0053	.1607	.00042	.00284	.00071	.0004	.00143	.0662
%RSD	.37893	5.6827	21.794	10.493	81.067	.8354	5.7082	1.4563

#1	1.3939	2.9629	.00225	.02377	.00034	.0424	.02594	4.6056
#2	1.3834	2.6501	.00205	.02870	.00061	.0431	.02333	4.5508
#3	1.3893	2.8703	.00145	.02867	.00168	.0425	.02562	4.4739

Sample Name: K3509-04 Acquired: 6/27/2019 21:25:07 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-06-062619 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.0179
 Stddev 1.1935
 %RSD 14.886

#1 7.1877
 #2 9.3857
 #3 7.4803

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2390.7	26731.	2079.7	34.903	2385.6
Stddev	12.1	42.	112.3	1.949	8.9
%RSD	.50548	.15633	5.4013	5.5839	.37211

#1	2379.0	26754.	1996.9	33.611	2375.7
#2	2403.1	26682.	2207.6	37.145	2392.8
#3	2390.0	26756.	2034.7	33.952	2388.3

Sample Name: K3541-05 Acquired: 6/27/2019 21:29:34 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: UNKNOWN-3B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	-.00141	.00524	.00497	-.00428	.09059	.50500	.00028
Stddev	.00486	.00073	.00212	.00354	.00119	.00135	.00546	.00003
%RSD	1236.4	51.540	40.383	71.274	27.874	1.4897	1.0814	11.399

#1	.00079	-.00205	.00451	.00866	-.00444	.08985	.49870	.00024
#2	.00377	-.00062	.00359	.00465	-.00302	.09215	.50806	.00030
#3	-.00573	-.00156	.00763	.00160	-.00539	.08977	.50825	.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	49.604	.00053	.01044	-.00007	9.0166	1.7381	10.080
Stddev	.00004	1.278	.00027	.00006	.00017	.0107	.0018	.142
%RSD	8.5442	2.5759	51.484	.60586	255.86	.11858	.10217	1.4100

#1	-.00040	48.129	.00085	.01045	.00007	9.0225	1.7402	9.9184
#2	-.00045	50.387	.00035	.01049	-.00001	9.0229	1.7371	10.184
#3	-.00048	50.295	.00040	.01037	-.00026	9.0042	1.7371	10.138

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02546	.00034	385.95	-.00468	.21093	4.7753	.00037	.08769
Stddev	.00062	.00016	1.11	.00010	.00057	.1172	.00047	.01354
%RSD	2.4294	48.354	.28714	2.1499	.26968	2.4533	126.91	15.444

#1	.02487	.00031	385.40	-.00465	.21033	4.6798	.00053	.10328
#2	.02542	.00019	385.23	-.00460	.21100	4.9060	-.00016	.08102
#3	.02610	.00051	387.23	-.00479	.21146	4.7402	.00074	.07878

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45541	1.9754	.00341	.00116	.00426	.0062	.34946	4.7909
Stddev	.00371	.0402	.00128	.00185	.00128	.0029	.01132	.0161
%RSD	.81389	2.0359	37.646	159.71	30.099	46.32	3.2384	.33675

#1	.45140	1.9290	.00487	-.00043	.00278	.0075	.33643	4.8029
#2	.45612	2.0010	.00289	.00071	.00506	.0029	.35685	4.7972
#3	.45871	1.9961	.00247	.00319	.00494	.0081	.35510	4.7725

Sample Name: K3541-05 Acquired: 6/27/2019 21:29:34 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: UNKNOWN-3B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.6912
 Stddev 1.0534
 %RSD 10.869

#1 8.5699
 #2 9.8438
 #3 10.660

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2345.4	26461.	2051.1	32.708	2316.8
Stddev	3.8	111.	27.6	1.412	3.5
%RSD	.16284	.41926	1.3460	4.3175	.15060

#1	2349.8	26382.	2083.0	31.095	2320.6
#2	2342.9	26587.	2035.8	33.307	2316.2
#3	2343.5	26412.	2034.6	33.723	2313.7

Sample Name: K3544-01 Acquired: 6/27/2019 21:34:07 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-COMP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00429	-.00118	.00239	-.00247	-.00046	.25162	.24460	.00006
Stddev	.00225	.00098	.00071	.00364	.00155	.02177	.00052	.00006
%RSD	52.337	82.595	29.870	147.27	334.50	8.6538	.21084	93.318

#1	-.00414	-.00068	.00247	-.00047	-.00131	.24769	.24520	.00006
#2	-.00661	-.00231	.00306	-.00028	.00132	.27509	.24425	.00012
#3	-.00213	-.00056	.00164	-.00667	-.00141	.23208	.24437	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	2.4586	.00127	-.00044	-.00056	.20753	.02195	.15127
Stddev	.00007	.0176	.00042	.00002	.00007	.00105	.00006	.03726
%RSD	78.080	.71733	32.721	3.7600	11.735	.50810	.28882	24.630

#1	-.00008	2.4768	.00080	-.00046	-.00052	.20667	.02194	.12217
#2	-.00015	2.4574	.00158	-.00044	-.00052	.20871	.02190	.13837
#3	-.00002	2.4416	.00144	-.00043	-.00063	.20723	.02202	.19326

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	-.00009	325.44	-.00044	.64855	.94160	.00060	.09378
Stddev	.00037	.00098	2.13	.00005	.00114	.07780	.00048	.00435
%RSD	34.943	1064.4	.65311	12.308	.17608	8.2625	80.942	4.6375

#1	.00115	-.00123	323.69	-.00038	.64957	.86676	.00096	.08959
#2	.00066	.00042	324.82	-.00048	.64731	1.0221	.00005	.09827
#3	.00139	.00053	327.81	-.00046	.64877	.93599	.00078	.09347

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44237	.82106	.00124	.00839	.00294	.2879	.00772	4.7041
Stddev	.00170	.01112	.00101	.00213	.00276	.0014	.00016	.0520
%RSD	.38444	1.3542	81.952	25.403	93.577	.4855	2.0671	1.1057

#1	.44223	.81508	.00007	.00678	.00587	.2877	.00764	4.7361
#2	.44075	.83389	.00189	.00758	.00040	.2867	.00790	4.6441
#3	.44414	.81422	.00176	.01081	.00257	.2894	.00762	4.7321

Sample Name: K3544-01 Acquired: 6/27/2019 21:34:07 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-COMP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.3311
Stddev .6548
%RSD 8.9323

#1 8.0141
#2 6.7086
#3 7.2706

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.2	26479.	1983.4	32.733	2405.9
Stddev	13.8	54.	8.5	.305	9.8
%RSD	.58135	.20490	.42951	.93210	.40872

#1	2366.4	26429.	1985.7	32.383	2394.8
#2	2387.5	26536.	1973.9	32.945	2413.3
#3	2392.5	26471.	1990.4	32.870	2409.8

Sample Name: K3546-01 Acquired: 6/27/2019 21:38:33 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VNJ-219-CONC Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00264	-.00128	.00646	.00035	-.00259	.31402	.09303	.00011
Stddev	.00132	.00128	.00213	.00373	.00017	.02606	.00125	.00003
%RSD	50.060	99.931	33.011	1071.1	6.5662	8.3002	1.3469	28.421

#1	-.00112	.00020	.00831	-.00132	-.00277	.28486	.09163	.00009
#2	-.00330	-.00204	.00413	-.00226	-.00244	.33505	.09342	.00014
#3	-.00351	-.00199	.00695	.00462	-.00257	.32215	.09405	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	172.10	.00138	-.00054	.00006	.03719	.04377	3.0554
Stddev	.00005	.45	.00014	.00005	.00020	.00038	.00010	.0913
%RSD	14.695	.26081	10.169	9.3852	355.16	1.0091	.22664	2.9891

#1	-.00039	172.10	.00140	-.00049	.00001	.03683	.04375	3.0617
#2	-.00035	172.55	.00151	-.00053	.00027	.03758	.04387	2.9611
#3	-.00029	171.66	.00123	-.00059	-.00012	.03716	.04368	3.1435

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00237	-.00060	375.91	.00095	.02016	.73790	-.00027	.06359
Stddev	.00034	.00064	4.15	.00046	.00012	.01630	.00023	.01123
%RSD	14.536	107.10	1.1043	48.446	.61344	2.2093	85.851	17.652

#1	-.00239	-.00058	371.25	.00042	.02014	.72295	-.00007	.06895
#2	-.00270	.00003	377.27	.00125	.02029	.73546	-.00022	.05069
#3	-.00201	-.00125	379.21	.00119	.02004	.75528	-.00053	.07114

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6264	6.0920	.00190	.00054	.00655	.0188	.83769	4.8971
Stddev	.0214	.0454	.00093	.00306	.00066	.0033	.00511	.0997
%RSD	.38094	.74520	49.040	565.58	10.060	17.73	.61034	2.0358

#1	5.6236	6.1048	.00181	-.00278	.00687	.0168	.83972	4.9438
#2	5.6492	6.1296	.00288	.00116	.00579	.0227	.84147	4.7826
#3	5.6066	6.0416	.00102	.00324	.00698	.0170	.83187	4.9649

Sample Name: K3546-01 Acquired: 6/27/2019 21:38:33 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VNJ-219-CONC Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.105
Stddev	.841
%RSD	8.3221

#1	11.037
#2	9.8764
#3	9.4020

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2326.8	26448.	2023.7	32.698	2302.1
Stddev	6.1	46.	18.4	1.623	7.2
%RSD	.26017	.17549	.91137	4.9650	.31160

#1	2333.6	26411.	2016.6	31.092	2308.4
#2	2322.1	26432.	2009.9	32.664	2294.3
#3	2324.6	26500.	2044.7	34.338	2303.6

Sample Name: K3541-02 Acquired: 6/27/2019 21:43:07 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: UNKNOWN-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	-.01318	.01833	.00482	.00067	.07863	.00790	.00012
Stddev	.00380	.00057	.00140	.00528	.00223	.02206	.00048	.00009
%RSD	758.22	4.3350	7.6585	109.68	333.93	28.053	6.0376	77.282

#1	-.00160	-.01302	.01994	-.00034	.00297	.05671	.00816	.00013
#2	-.00178	-.01382	.01742	.01022	.00052	.10082	.00819	.00020
#3	.00489	-.01271	.01762	.00457	-.00148	.07835	.00735	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	18.543	.00426	.00021	.02588	2.0552	.07315	3.5711
Stddev	.00008	.111	.00060	.00019	.00030	.0064	.00025	.0766
%RSD	26.221	.59836	13.975	92.644	1.1493	.31182	.33605	2.1451

#1	.00022	18.430	.00491	.00042	.02622	2.0580	.07288	3.4922
#2	.00030	18.652	.00413	.00015	.02574	2.0597	.07323	3.6451
#3	.00037	18.546	.00374	.00005	.02567	2.0479	.07335	3.5761

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	.00015	109.25	.00014	5.3877	138.64	.10075	1.5269
Stddev	.00053	.00056	.50	.00043	.0056	.69	.00012	.0330
%RSD	74.597	367.36	.45454	313.63	.10359	.49506	.12281	2.1639

#1	.00071	.00080	108.68	.00045	5.3831	137.85	.10083	1.5512
#2	.00125	-.00021	109.53	-.00035	5.3862	138.97	.10081	1.5402
#3	.00018	-.00013	109.55	.00031	5.3939	139.10	.10061	1.4893

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.544	.64456	.00671	.00344	.02733	6.903	.02786	4.3930
Stddev	.011	.01000	.00066	.00249	.00099	.006	.00010	.0244
%RSD	.07786	1.5517	9.7975	72.335	3.6298	.0924	.37219	.55508

#1	14.533	.63308	.00727	.00213	.02632	6.908	.02788	4.3855
#2	14.555	.64926	.00687	.00188	.02830	6.905	.02775	4.4202
#3	14.543	.65135	.00599	.00632	.02737	6.896	.02795	4.3732

Sample Name: K3541-02 Acquired: 6/27/2019 21:43:07 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: UNKNOWN-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6198
Stddev .9855
%RSD 60.843

#1 2.1565
#2 2.2205
#3 .48239

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2381.0	27061.	2021.2	33.024	2492.9
Stddev	7.3	59.	9.3	.228	5.1
%RSD	.30473	.21681	.45847	.68942	.20351

#1	2388.4	27004.	2031.8	32.976	2498.8
#2	2380.6	27121.	2015.4	33.271	2490.4
#3	2373.9	27058.	2016.2	32.824	2489.6

Sample Name: K3541-03 Acquired: 6/27/2019 21:47:29 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: UNKNOWN-3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	-.00174	-.00073	-.00346	-.00131	.58340	.07594	.00008
Stddev	.00420	.00042	.00047	.00191	.00065	.01885	.00130	.00005
%RSD	414.45	24.119	64.532	55.107	49.786	3.2318	1.7157	63.891

#1	.00471	-.00127	-.00117	-.00174	-.00071	.60516	.07459	.00013
#2	.00188	-.00208	-.00079	-.00313	-.00201	.57189	.07606	.00003
#3	-.00355	-.00186	-.00023	-.00552	-.00122	.57315	.07719	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.93021	.00101	-.00022	.00252	.11968	.00202	-.03153
Stddev	.00008	.01188	.00027	.00020	.00028	.00077	.00005	.01362
%RSD	256.59	1.2770	27.334	91.336	10.941	.64170	2.4109	43.212

#1	.00012	.91705	.00109	-.00040	.00250	.11994	.00206	-.04661
#2	-.00004	.93342	.00123	-.00023	.00281	.12029	.00197	-.02012
#3	.00001	.94014	.00070	-.00001	.00226	.11882	.00203	-.02786

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	-.00004	50.048	.00623	.02182	3.9829	.00272	.06527
Stddev	.00048	.00050	.142	.00051	.00028	.0252	.00022	.01508
%RSD	227.27	1175.2	.28340	8.1434	1.2801	.63173	8.2015	23.109

#1	.00076	-.00061	49.892	.00641	.02163	3.9689	.00266	.05428
#2	.00002	.00026	50.170	.00566	.02214	4.0120	.00296	.08247
#3	-.00014	.00023	50.081	.00662	.02168	3.9680	.00253	.05906

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1018	4.2814	-.00045	.00580	-.00328	.0099	.01378	3.8755
Stddev	.0088	.0486	.00013	.00380	.00395	.0016	.00009	.0599
%RSD	.41832	1.1346	27.891	65.472	120.35	16.17	.66953	1.5456

#1	2.1047	4.3342	-.00048	.00981	-.00087	.0100	.01367	3.9382
#2	2.0920	4.2386	-.00031	.00535	-.00114	.0114	.01384	3.8696
#3	2.1089	4.2714	-.00056	.00225	-.00785	.0082	.01383	3.8188

Sample Name: K3541-03 Acquired: 6/27/2019 21:47:29 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: UNKNOWN-3A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0341
 Stddev .5386
 %RSD 26.478

#1 2.2355
 #2 1.4239
 #3 2.4430

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2497.3	28228.	2057.1	34.232	2657.3
Stddev	8.7	21.	18.5	1.439	5.4
%RSD	.34747	.07320	.90138	4.2037	.20183

#1	2488.7	28238.	2038.8	33.011	2651.1
#2	2497.1	28204.	2075.9	33.866	2661.0
#3	2506.1	28242.	2056.6	35.819	2659.7

Sample Name: K3541-03DUP Acquired: 6/27/2019 21:51:57 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: UNKNOWN-3ADU Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	.00071	.00070	-.00034	-.00224	.58593	.07611	.00007
Stddev	.00143	.00015	.00132	.00150	.00082	.01049	.00146	.00002
%RSD	496.88	20.892	189.23	437.06	36.406	1.7908	1.9146	31.804
#1	-.00010	.00088	.00206	.00022	-.00131	.57584	.07588	.00009
#2	-.00180	.00062	.00062	.00079	-.00260	.58517	.07766	.00008
#3	.00103	.00064	-.00058	-.00204	-.00281	.59679	.07478	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.91802	.00121	-.00006	.00283	.12125	.00204	-.00784
Stddev	.00007	.01677	.00012	.00015	.00042	.00111	.00007	.02936
%RSD	190.83	1.8264	10.052	267.73	15.000	.91960	3.2257	374.42
#1	-.00011	.92505	.00132	-.00011	.00323	.11997	.00211	-.01499
#2	-.00005	.89888	.00124	-.00018	.00239	.12174	.00198	-.03296
#3	.00004	.93013	.00108	.00012	.00286	.12203	.00204	.02443
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	.00028	50.369	.00658	.02205	4.0490	.00277	.04382
Stddev	.00019	.00044	.258	.00008	.00023	.0157	.00005	.01288
%RSD	49.416	158.50	.51175	1.1415	1.0640	.38785	1.9312	29.385
#1	.00060	.00001	50.077	.00655	.02219	4.0377	.00272	.03334
#2	.00028	.00079	50.565	.00653	.02178	4.0670	.00278	.03993
#3	.00027	.00003	50.465	.00666	.02217	4.0424	.00282	.05819
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1272	4.3244	-.00113	.00395	-.00217	.0070	.01379	4.0433
Stddev	.0060	.0760	.00061	.00109	.00121	.0018	.00038	.0263
%RSD	.28366	1.7580	54.208	27.685	55.725	25.18	2.7197	.65145
#1	2.1342	4.3117	-.00181	.00272	-.00344	.0051	.01371	4.0543
#2	2.1236	4.2556	-.00097	.00433	-.00203	.0072	.01346	4.0623
#3	2.1239	4.4060	-.00061	.00481	-.00104	.0086	.01420	4.0132

Sample Name: K3541-03DUP Acquired: 6/27/2019 21:51:57 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: UNKNOWN-3ADU Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.3225
Stddev	.9295
%RSD	40.024

#1	3.2928
#2	1.4399
#3	2.2348

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2486.6	28021.	2042.4	34.886	2642.2
Stddev	2.0	41.	14.9	.393	1.8
%RSD	.08128	.14525	.72780	1.1256	.06934

#1	2484.9	28044.	2043.6	35.333	2642.0
#2	2488.8	27974.	2056.7	34.594	2644.1
#3	2486.0	28045.	2027.0	34.732	2640.5

Sample Name: K3541-03LX5 Acquired: 6/27/2019 21:56:25 Type: Unk
Method: P4-ICP2(v3237) 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	.00100	.00037	-.00138	-.00249	-.00164	.09910	.01723	.00005
Stddev	.00061	.00151	.00077	.00033	.00090	.00500	.00012	.00002
%RSD	60.672	402.32	55.912	13.265	54.905	5.0422	.69059	43.595

#1	.00096	-.00050	-.00119	-.00217	-.00062	.09923	.01734	.00006
#2	.00162	.00212	-.00222	-.00247	-.00197	.09404	.01711	.00007
#3	.00041	-.00049	-.00071	-.00283	-.00232	.10403	.01723	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.20069	.00626	.00003	-.00030	.05327	.00064	-.09171
Stddev	.00012	.01398	.00062	.00019	.00045	.00164	.00006	.04416
%RSD	106.64	6.9647	9.9483	581.77	150.52	3.0798	9.4246	48.156

#1	.00002	.18685	.00633	.00007	.00011	.05423	.00061	-.09902
#2	.00007	.21480	.00561	.00020	-.00023	.05137	.00061	-.13176
#3	.00026	.20042	.00685	-.00017	-.00078	.05419	.00071	-.04435

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00401	-.00007	10.568	.00132	.00472	.77123	.00079	.03667
Stddev	.00029	.00070	.064	.00042	.00008	.02879	.00009	.02472
%RSD	7.1533	1023.1	.60874	32.038	1.7921	3.7335	11.272	67.407

#1	.00399	.00024	10.502	.00175	.00479	.77886	.00086	.05614
#2	.00374	-.00087	10.572	.00129	.00474	.79545	.00069	.04499
#3	.00431	.00043	10.630	.00091	.00462	.73940	.00082	.00886

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43520	.91692	-.00060	.00358	-.00045	.0004	.00262	3.7995
Stddev	.00217	.01304	.00102	.00182	.00059	.0019	.00007	.1816
%RSD	.49854	1.4220	169.25	50.817	131.91	500.8	2.5918	4.7793

#1	.43469	.92571	-.00151	.00173	.00021	.0015	.00255	3.6050
#2	.43333	.92311	.00050	.00537	-.00094	-.0018	.00265	3.8291
#3	.43758	.90194	-.00079	.00366	-.00061	.0015	.00267	3.9645

Sample Name: K3541-03LX5 Acquired: 6/27/2019 21:56:25 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.5023
Stddev	.3210
%RSD	9.1656

#1	3.1323
#2	3.6683
#3	3.7063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2516.1	28366.	2046.1	35.083	2741.6
Stddev	.8	168.	14.2	1.354	1.4
%RSD	.03215	.59308	.69604	3.8584	.05281

#1	2517.0	28193.	2030.1	35.523	2743.3
#2	2515.8	28530.	2050.9	33.564	2740.8
#3	2515.6	28375.	2057.3	36.161	2740.8

Sample Name: CCV12 Acquired: 6/27/2019 22:00:54 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15197 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9832	5.1594	4.9507	5.0308	4.9716	9.2105	9.8315	.25540
Stddev	.0142	.0080	.0092	.0191	.0027	.0694	.0450	.00029
%RSD	.28412	.15458	.18473	.38008	.05386	.75397	.45760	.11506
#1	4.9952	5.1671	4.9509	5.0465	4.9688	9.1317	9.7797	.25534
#2	4.9676	5.1512	4.9414	5.0363	4.9742	9.2627	9.8607	.25572
#3	4.9869	5.1598	4.9597	5.0095	4.9717	9.2371	9.8541	.25515
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5444	25.762	1.0080	2.5083	1.2571	5.1214	2.5633	23.887
Stddev	.0001	.127	.0006	.0041	.0018	.0069	.0003	.083
%RSD	.00472	.49369	.06309	.16434	.14606	.13440	.00984	.34913
#1	2.5443	25.620	1.0080	2.5096	1.2565	5.1149	2.5636	23.820
#2	2.5445	25.864	1.0086	2.5036	1.2557	5.1286	2.5631	23.860
#3	2.5444	25.803	1.0073	2.5115	1.2592	5.1206	2.5632	23.980
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5425	1.2565	24.766	2.5732	2.4797	24.971	5.0875	4.9913
Stddev	.0029	.0026	.071	.0038	.0017	.072	.0114	.0170
%RSD	.11377	.20720	.28773	.14798	.06734	.28918	.22311	.34075
#1	2.5453	1.2582	24.695	2.5733	2.4812	24.896	5.0956	4.9731
#2	2.5427	1.2535	24.766	2.5694	2.4779	25.040	5.0745	5.0068
#3	2.5395	1.2579	24.837	2.5770	2.4798	24.976	5.0923	4.9940
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0166	5.0309	5.0433	5.0273	4.8848	5.338	5.4317	4.5108
Stddev	.0241	.0190	.0096	.0204	.0323	.010	.0222	.1273
%RSD	.48063	.37685	.19100	.40565	.66105	.1910	.40903	2.8213
#1	5.0199	5.0470	5.0323	5.0128	4.9031	5.341	5.4327	4.3742
#2	5.0389	5.0100	5.0476	5.0186	4.8475	5.346	5.4089	4.6261
#3	4.9910	5.0357	5.0500	5.0507	4.9038	5.326	5.4533	4.5320

Sample Name: CCV12 Acquired: 6/27/2019 22:00:54 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15197 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0706
Stddev	1.0572
%RSD	51.056

#1	3.2654
#2	1.6897
#3	1.2566

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2448.8	27607.	2014.5	32.210	2462.3
Stddev	11.6	52.	12.0	1.536	6.6
%RSD	.47165	.18900	.59330	4.7685	.26863

#1	2437.3	27552.	2003.1	33.655	2454.9
#2	2460.4	27613.	2026.9	30.597	2467.6
#3	2448.7	27656.	2013.5	32.377	2464.4

Sample Name: CCB12 Acquired: 6/27/2019 22:04:53 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15197 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	.00040	-.00050	-.00157	-.00163	-.02179	.00189	.00011
Stddev	.00506	.00108	.00021	.00205	.00061	.02046	.00058	.00002
%RSD	824.80	270.94	42.607	131.07	37.678	93.907	30.821	13.645

#1	-.00165	-.00007	-.00073	-.00328	-.00110	-.04528	.00254	.00013
#2	-.00292	.00163	-.00030	-.00212	-.00147	-.01224	.00142	.00011
#3	.00641	-.00037	-.00047	.00071	-.00230	-.00784	.00171	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00526	.00080	-.00029	-.00043	.00194	-.00006	-.08922
Stddev	.00006	.02862	.00015	.00005	.00031	.00041	.00011	.02008
%RSD	36.783	544.09	18.293	18.518	71.951	20.891	182.49	22.505

#1	.00013	.02772	.00084	-.00030	-.00038	.00230	-.00012	-.08383
#2	.00012	.01503	.00092	-.00035	-.00015	.00150	-.00011	-.07239
#3	.00022	-.02696	.00064	-.00024	-.00076	.00201	.00006	-.11145

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	-.00004	.15767	-.00009	-.00021	-.00912	.00078	F .03514
Stddev	.00033	.00038	.00577	.00035	.00001	.07045	.00043	.01609
%RSD	68.286	985.62	3.6617	396.36	4.6590	772.22	54.596	45.780

#1	.00080	-.00022	.15860	.00019	-.00021	-.04995	.00030	.01881
#2	.00015	.00040	.16292	-.00048	-.00021	-.04965	.00093	.05097
#3	.00047	-.00030	.15149	.00002	-.00020	.07223	.00112	.03564

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00138	.00088	-.00050	.00137	.00007	-.0020	.00024	F 3.7641
Stddev	.00039	.00176	.00054	.00188	.00224	.0015	.00018	.1196
%RSD	28.558	200.17	107.16	137.61	3077.1	74.67	74.849	3.1773

#1	.00103	.00290	-.00025	.00249	.00258	-.0030	.00006	3.8460
#2	.00130	-.00034	-.00014	-.00081	-.00175	-.0003	.00024	3.6269
#3	.00180	.00008	-.00111	.00242	-.00061	-.0028	.00042	3.8195

Sample Name: CCB12 Acquired: 6/27/2019 22:04:53 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15197 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9205
Stddev	.9824
%RSD	51.155

#1	.78754
#2	2.4372
#3	2.5368

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2553.9	28602.	2051.8	34.128	2793.7
Stddev	5.0	90.	20.9	.841	5.3
%RSD	.19605	.31364	1.0175	2.4650	.19108

#1	2554.0	28506.	2042.9	33.523	2798.7
#2	2548.9	28683.	2075.6	35.089	2788.1
#3	2558.9	28618.	2036.8	33.773	2794.3

Sample Name: K3541-03MS Acquired: 6/27/2019 22:09:23 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: UNKNOWN-3AMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74444	1.9449	.93805	1.8722	.75899	2.3861	.27629	.19343	.19143
Stddev	.00353	.0024	.00201	.0061	.00174	.0399	.00113	.00061	.00013
%RSD	.47396	.12478	.21446	.32694	.22935	1.6736	.41025	.31423	.06871

#1	.74804	1.9464	.94008	1.8702	.76082	2.3400	.27498	.19316	.19130
#2	.74430	1.9463	.93605	1.8790	.75879	2.4100	.27696	.19300	.19156
#3	.74099	1.9421	.93803	1.8673	.75735	2.4082	.27692	.19412	.19143

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9754	.40907	.19549	.30873	3.2046	.20846	1.8917	.49452	.07026
Stddev	.0371	.00052	.00070	.00086	.0034	.00029	.0390	.00183	.00080
%RSD	1.8788	.12833	.35711	.27784	.10548	.13837	2.0629	.36972	1.1393

#1	1.9798	.40847	.19629	.30933	3.2085	.20838	1.8694	.49655	.06990
#2	1.9363	.40945	.19500	.30911	3.2032	.20877	1.9367	.49400	.06971
#3	2.0102	.40929	.19519	.30775	3.2022	.20821	1.8689	.49301	.07118

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.148	.32081	.20884	13.900	.41144	.38598	2.0114	5.0077	.67651
Stddev	.258	.00056	.00014	.120	.00101	.04248	.0056	.0548	.00115
%RSD	.50388	.17453	.06665	.86530	.24460	11.006	.27719	1.0936	.17063

#1	50.929	.32110	.20875	13.802	.41122	.34466	2.0102	5.0275	.67782
#2	51.083	.32117	.20900	13.863	.41254	.42953	2.0065	5.0498	.67607
#3	51.432	.32017	.20876	14.034	.41056	.38374	2.0175	4.9458	.67565

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20911	.19743	5.797	.26763	4.3589	.36014
Stddev	.00050	.00146	.008	.00085	.1162	1.6314
%RSD	.24004	.73765	.1435	.31931	2.6665	453.00

#1	.20908	.19611	5.805	.26666	4.4292	-.13566
#2	.20963	.19899	5.799	.26797	4.2247	2.1820
#3	.20863	.19718	5.788	.26826	4.4227	-.96588

Sample Name: K3541-03MS Acquired: 6/27/2019 22:09:23 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: UNKNOWN-3AMS 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	2458.4	27620.	2013.1	33.636	2589.0
Stddev	7.2	43.	9.2	1.221	6.9
%RSD	.29353	.15505	.45484	3.6305	.26534
#1	2451.7	27580.	2005.2	32.407	2581.4
#2	2457.5	27615.	2011.1	33.651	2590.7
#3	2466.1	27666.	2023.1	34.849	2594.8

Sample Name: K3541-03MSD Acquired: 6/27/2019 22:13:32 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: UNKNOWN-3AMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73641	1.9422	.93532	1.8507	.75882	2.3450	.27148	.19288	.19079
Stddev	.00051	.0037	.00277	.0043	.00176	.0323	.00209	.00036	.00030
%RSD	.06952	.19157	.29642	.22957	.23132	1.3784	.76893	.18842	.15588

#1	.73653	1.9381	.93463	1.8547	.76027	2.3475	.27121	.19246	.19097
#2	.73685	1.9431	.93295	1.8512	.75687	2.3115	.26954	.19306	.19045
#3	.73585	1.9454	.93837	1.8462	.75933	2.3760	.27369	.19313	.19096

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9323	.40854	.19523	.30750	3.1958	.20798	1.8201	.49310	.06906
Stddev	.0237	.00112	.00070	.00079	.0019	.00080	.0510	.00171	.00180
%RSD	1.2261	.27413	.35906	.25610	.05946	.38486	2.8000	.34694	2.6049

#1	1.9067	.40783	.19567	.30761	3.1946	.20728	1.8535	.49352	.07036
#2	1.9535	.40796	.19443	.30822	3.1980	.20781	1.8455	.49122	.06701
#3	1.9367	.40983	.19561	.30666	3.1948	.20886	1.7615	.49457	.06980

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.629	.32043	.20814	13.609	.41052	.35776	1.9896	5.0373	.67873
Stddev	.181	.00088	.00046	.103	.00066	.02447	.0069	.0601	.00118
%RSD	.35714	.27384	.21912	.75787	.16138	6.8391	.34528	1.1931	.17328

#1	50.489	.32120	.20851	13.524	.41087	.32977	1.9964	5.0723	.67761
#2	50.565	.31947	.20763	13.580	.40976	.37511	1.9827	5.0716	.67862
#3	50.833	.32061	.20828	13.724	.41094	.36839	1.9899	4.9679	.67996

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20305	.20138	5.769	.26694	4.3663	1.2003
Stddev	.00263	.00170	.010	.00270	.1023	1.2731
%RSD	1.2972	.84224	.1693	1.0128	2.3429	106.06

#1	.20462	.20315	5.779	.26708	4.2486	2.4988
#2	.20451	.20122	5.767	.26957	4.4337	-.04579
#3	.20000	.19977	5.760	.26417	4.4166	1.1479

Sample Name: K3541-03MSD Acquired: 6/27/2019 22:13:32 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: UNKNOWN-3AMS 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	2448.2	27678.	1986.3	34.886	2579.8
Stddev	10.0	39.	22.0	.595	10.6
%RSD	.40955	.13973	1.1078	1.7064	.41147
#1	2438.1	27654.	1975.3	35.494	2567.6
#2	2448.2	27722.	1972.0	34.860	2584.9
#3	2458.2	27656.	2011.7	34.304	2586.9

Sample Name: K3541-03A Acquired: 6/27/2019 22:17:41 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8368 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74263	1.9529	.94324	1.8621	.76361	2.3684	.27287	.19390
Stddev	.00132	.0011	.00204	.0007	.00260	.0489	.00284	.00103
%RSD	.17816	.05481	.21578	.03693	.34027	2.0652	1.0411	.53294
#1	.74112	1.9522	.94423	1.8614	.76096	2.3173	.26959	.19271
#2	.74356	1.9541	.94090	1.8623	.76372	2.4149	.27462	.19434
#3	.74322	1.9523	.94459	1.8627	.76616	2.3730	.27440	.19463
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19203	1.9394	.40843	.19649	.30863	3.2019	.20938	1.8072
Stddev	.00009	.0226	.00080	.00035	.00074	.0042	.00060	.0726
%RSD	.04679	1.1670	.19488	.18032	.24122	.13071	.28419	4.0148
#1	.19212	1.9315	.40801	.19626	.30807	3.1972	.20873	1.7272
#2	.19203	1.9218	.40793	.19690	.30836	3.2034	.20990	1.8255
#3	.19194	1.9650	.40935	.19631	.30948	3.2051	.20951	1.8688
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49544	.07002	51.014	.32138	.21020	13.773	.41240	.34454
Stddev	.00117	.00024	.230	.00080	.00044	.170	.00056	.00116
%RSD	.23557	.33678	.44992	.24925	.21038	1.2373	.13553	.33605
#1	.49428	.07006	50.763	.32052	.21071	13.627	.41190	.34557
#2	.49542	.07024	51.213	.32209	.20991	13.961	.41301	.34329
#3	.49661	.06977	51.064	.32154	.20999	13.732	.41230	.34477
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0261	5.0097	.67986	.20405	.19897	5.801	.26629	4.4760
Stddev	.0050	.0320	.00079	.00174	.00283	.011	.00083	.0975
%RSD	.24742	.63829	.11603	.85253	1.4247	.1925	.31145	2.1795
#1	2.0221	5.0464	.68018	.20220	.20214	5.808	.26699	4.4963
#2	2.0317	4.9875	.67896	.20565	.19669	5.807	.26537	4.5617
#3	2.0245	4.9954	.68043	.20432	.19807	5.788	.26651	4.3698

Sample Name: K3541-03A Acquired: 6/27/2019 22:17:41 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8368 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.17915
%RSD	638.54

#1	-.12314
#2	-.13962
#3	.17859

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2460.9	27676.	2004.4	33.376	2586.8
Stddev	7.4	32.	19.0	1.181	8.9
%RSD	.30193	.11740	.94742	3.5394	.34252

#1	2453.4	27666.	1983.2	32.034	2577.7
#2	2468.2	27651.	2019.8	33.839	2595.4
#3	2461.2	27713.	2010.1	34.256	2587.5

Sample Name: K3541-04 Acquired: 6/27/2019 22:21:50 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: UNKNOWN-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01103	-.00040	.01007	.00081	.00036	5.6976	.11454	.00050
Stddev	.00468	.00071	.00103	.00219	.00146	.0484	.00095	.00002
%RSD	42.444	176.32	10.232	270.22	403.21	.84924	.83049	4.0152
#1	.00709	-.00063	.01036	.00051	.00158	5.6532	.11404	.00048
#2	.01621	-.00096	.01093	-.00121	-.00126	5.6903	.11564	.00049
#3	.00980	.00039	.00893	.00314	.00077	5.7492	.11395	.00052
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	1.8148	.03066	.00384	.05306	10.210	.21034	1.9075
Stddev	.00006	.0242	.00036	.00029	.00013	.013	.00041	.0739
%RSD	17.754	1.3325	1.1585	7.4334	.23580	.12645	.19577	3.8754
#1	-.00037	1.8015	.03068	.00362	.05317	10.203	.20988	1.8726
#2	-.00026	1.8427	.03101	.00373	.05292	10.225	.21067	1.9924
#3	-.00036	1.8003	.03030	.00416	.05309	10.202	.21047	1.8574
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00934	-.00012	84.122	.05377	.25097	4.5323	.01189	.13268
Stddev	.00017	.00016	.476	.00015	.00064	.0092	.00035	.01487
%RSD	1.7688	134.19	.56583	.27819	.25438	.20372	2.9796	11.211
#1	.00939	-.00022	83.700	.05391	.25156	4.5218	.01170	.11573
#2	.00915	.00007	84.638	.05378	.25104	4.5366	.01167	.13873
#3	.00946	-.00021	84.026	.05361	.25029	4.5387	.01230	.14357
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8068	F 16.424	.00024	.22442	.00149	.3193	.00859	4.0620
Stddev	.0184	.067	.00083	.00229	.00221	.0008	.00010	.0738
%RSD	.27053	.40532	350.54	1.0208	148.28	.2434	1.1337	1.8176
#1	6.7859	16.348	.00119	.22616	.00335	.3198	.00870	4.1454
#2	6.8142	16.474	-.00020	.22527	-.00095	.3197	.00850	4.0360
#3	6.8204	16.449	-.00029	.22182	.00207	.3184	.00858	4.0048

Sample Name: K3541-04 Acquired: 6/27/2019 22:21:50 Type: Unk
 Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: UNKNOWN-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.4852
Stddev	1.2513
%RSD	50.351

#1	3.1009
#2	1.0453
#3	3.3093

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2464.8	27720.	2035.2	34.664	2561.2
Stddev	12.7	122.	4.6	.748	14.1
%RSD	.51568	.43867	.22797	2.1584	.55134

#1	2451.1	27630.	2037.3	34.095	2546.2
#2	2467.1	27672.	2029.9	35.512	2563.3
#3	2476.2	27858.	2038.4	34.386	2574.2

Sample Name: CCV13 Acquired: 6/27/2019 22:26:13 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8368 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9678	5.1619	4.9392	5.0169	4.9490	9.1997	9.7738	.25560
Stddev	.0129	.0057	.0011	.0059	.0077	.0850	.0014	.00025
%RSD	.26007	.11012	.02146	.11666	.15541	.92435	.01446	.09785
#1	4.9531	5.1682	4.9391	5.0137	4.9411	9.1278	9.7730	.25582
#2	4.9727	5.1604	4.9403	5.0236	4.9564	9.1778	9.7730	.25532
#3	4.9775	5.1572	4.9381	5.0133	4.9496	9.2936	9.7755	.25565
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5398	25.737	1.0049	2.4993	1.2509	5.1231	2.5564	23.979
Stddev	.0021	.082	.0011	.0011	.0016	.0040	.0027	.266
%RSD	.08114	.31699	.10792	.04281	.12473	.07787	.10521	1.1080
#1	2.5420	25.651	1.0061	2.5004	1.2505	5.1276	2.5563	23.801
#2	2.5396	25.813	1.0046	2.4994	1.2527	5.1218	2.5591	23.851
#3	2.5379	25.749	1.0040	2.4982	1.2496	5.1200	2.5537	24.284
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5368	1.2529	24.677	2.5683	2.4710	24.874	5.0847	4.9862
Stddev	.0006	.0026	.039	.0054	.0008	.059	.0069	.0529
%RSD	.02403	.20531	.15852	.21197	.03016	.23573	.13605	1.0604
#1	2.5374	1.2541	24.669	2.5691	2.4706	24.941	5.0770	4.9361
#2	2.5362	1.2547	24.719	2.5733	2.4706	24.832	5.0903	4.9810
#3	2.5368	1.2500	24.642	2.5625	2.4719	24.849	5.0869	5.0415
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0062	5.0603	5.0407	5.0054	4.8504	5.329	5.4061	F 4.4584
Stddev	.0058	.0305	.0011	.0130	.0241	.005	.0208	.0553
%RSD	.11520	.60342	.02255	.25919	.49686	.0886	.38547	1.2401
#1	5.0002	5.0950	5.0414	5.0004	4.8772	5.333	5.4283	4.4005
#2	5.0067	5.0373	5.0394	4.9957	4.8305	5.324	5.4032	4.4640
#3	5.0117	5.0487	5.0413	5.0202	4.8434	5.331	5.3869	4.5106

Sample Name: CCV13 Acquired: 6/27/2019 22:26:13 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8368 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6980
Stddev 1.6877
%RSD 62.554

#1 .81593
#2 3.2012
#3 4.0769

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2453.3	27701.	2019.2	33.708	2468.4
Stddev	4.7	65.	13.0	.559	3.7
%RSD	.19188	.23466	.64358	1.6583	.15147

#1	2454.6	27662.	2006.1	34.084	2466.2
#2	2448.0	27665.	2019.4	33.065	2466.3
#3	2457.2	27776.	2032.1	33.973	2472.8

Sample Name: CCB13 Acquired: 6/27/2019 22:30:13 Type: Unk
Method: P4-ICP2(v3237) 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	.00036	-.00062	-.00376	-.00084	-.01787	.00227	.00014
Stddev	.00055	.00031	.00028	.00237	.00122	.00398	.00045	.00005
%RSD	108.83	86.269	44.933	62.917	145.68	22.270	19.698	34.294
#1	.00051	.00066	-.00094	-.00525	-.00179	-.01626	.00178	.00019
#2	.00105	.00004	-.00045	-.00103	.00053	-.02240	.00237	.00010
#3	-.00005	.00038	-.00046	-.00501	-.00125	-.01495	.00265	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.01329	.00004	-.00007	-.00070	.00185	-.00007	-.07739
Stddev	.00001	.02092	.00052	.00019	.00003	.00079	.00005	.06435
%RSD	9.9529	157.41	1232.1	295.71	4.3314	42.665	74.634	83.155
#1	.00010	.00224	.00063	-.00024	-.00066	.00274	-.00011	-.00337
#2	.00012	-.03707	-.00033	-.00010	-.00072	.00124	-.00001	-.10876
#3	.00012	-.00503	-.00018	.00014	-.00071	.00156	-.00009	-.12003
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	.00042	.12954	-.00028	-.00023	-.02688	.00054	F .04076
Stddev	.00024	.00010	.01219	.00043	.00002	.07905	.00017	.00234
%RSD	89.429	23.663	9.4105	152.38	10.592	294.12	32.146	5.7451
#1	.00053	.00053	.13631	-.00006	-.00021	.04730	.00071	.03806
#2	.00006	.00040	.13685	-.00078	-.00024	-.11004	.00036	.04231
#3	.00022	.00034	.11547	-.00001	-.00025	-.01790	.00055	.04190
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00190	.00279	-.00014	.00035	-.00067	-.0019	.00024	F 3.8852
Stddev	.00111	.00077	.00029	.00121	.00223	.0013	.00025	.0665
%RSD	58.286	27.778	207.87	346.30	332.05	69.44	103.82	1.7113
#1	.00068	.00198	.00011	.00153	-.00166	-.0027	-.00005	3.8226
#2	.00220	.00353	-.00045	-.00090	-.00224	-.0025	.00039	3.8779
#3	.00284	.00285	-.00007	.00042	.00188	-.0004	.00038	3.9550

Sample Name: CCB13 Acquired: 6/27/2019 22:30:13 Type: Unk
Method: P4-ICP2(v3237) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2945
Stddev	1.7882
%RSD	77.932

#1	3.7540
#2	2.8296
#3	.29990

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2540.7	28410.	2046.5	35.167	2780.2
Stddev	13.0	52.	23.1	1.172	15.7
%RSD	.51186	.18344	1.1284	3.3318	.56412

#1	2533.8	28351.	2038.9	36.514	2770.9
#2	2532.5	28429.	2028.2	34.377	2771.4
#3	2555.7	28450.	2072.5	34.611	2798.3