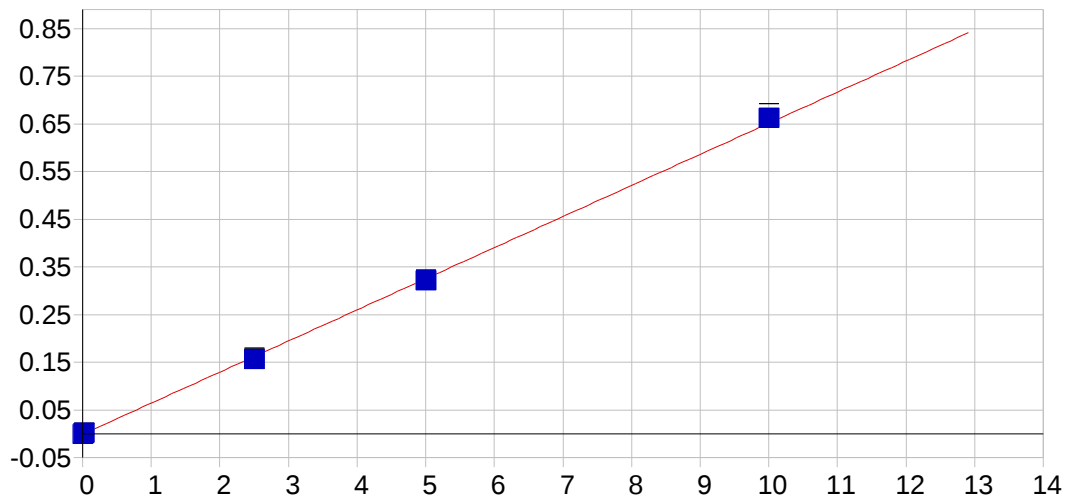


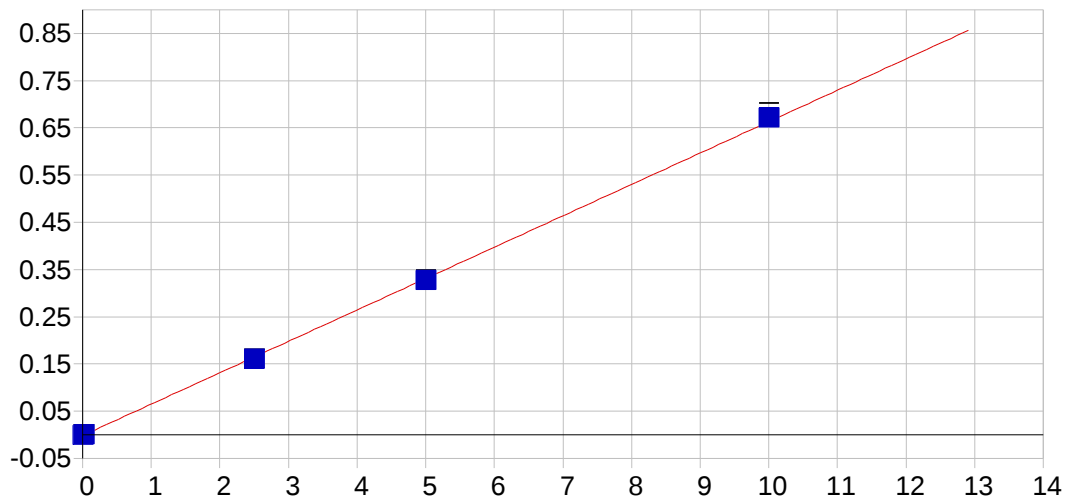


As 189.042 {478}

Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001144 Re-Slope: 1.000000
 A1 (Gain): 0.065262 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999774 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.004208
 Predicted MQL: 0.014028

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00114	.000	1
S1	.02000	.02537	.005	26.8	.00051	.000	1
S3	2.5000	2.4056	-.094	-3.78	.15584	.002	1
S4	5.0000	4.9403	-.060	-1.19	.32125	.001	1
S5	10.000	10.149	.149	1.49	.66114	.010	1



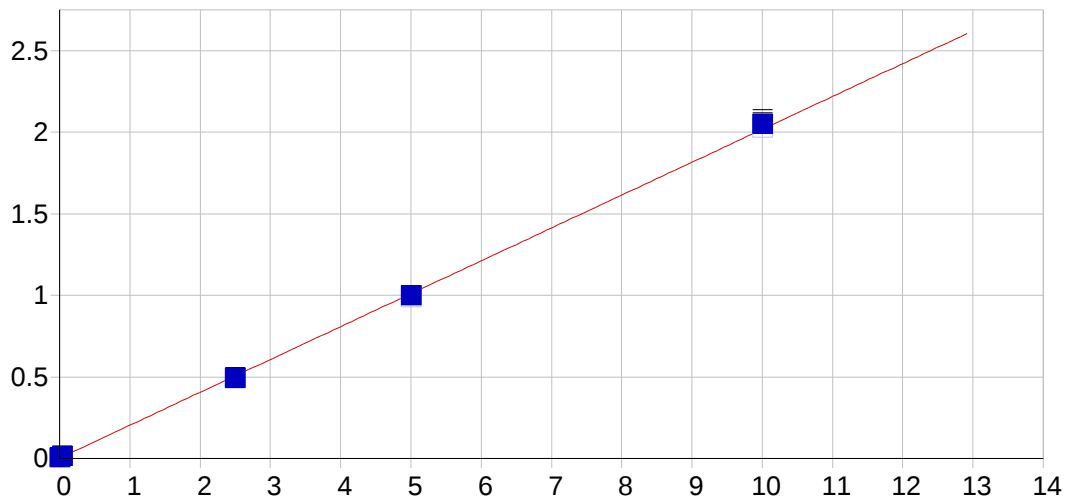
As 189.042 {479}

Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001463 Re-Slope: 1.000000

A1 (Gain): 0.066455 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.003407
 Predicted MQL: 0.011355

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00146	.000	1
S1	.02000	.02280	.003	14.0	.00005	.000	1
S3	2.5000	2.4320	-.068	-2.72	.16009	.000	1
S4	5.0000	4.9393	-.061	-1.21	.32663	.002	1
S5	10.000	10.126	.126	1.26	.67117	.010	1

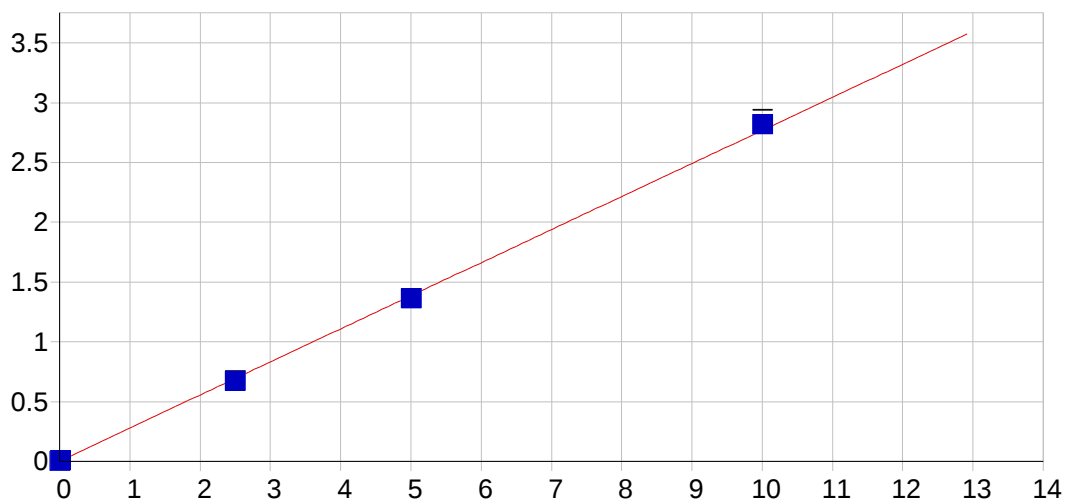


TI 190.856 {477}

Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002348 Re-Slope: 1.000000
 A1 (Gain): 0.201484 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999842 Status: OK.
 Std Error of Est: 0.000121
 Predicted MDL: 0.001315
 Predicted MQL: 0.004383

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00235	.000	1
S1	.04000	.04109	.001	2.73	.01042	.000	1
S3	2.5000	2.4240	-.076	-3.04	.48558	.002	1
S4	5.0000	4.9301	-.070	-1.40	.98536	.002	1
S5	10.000	10.145	.145	1.45	2.0257	.029	1

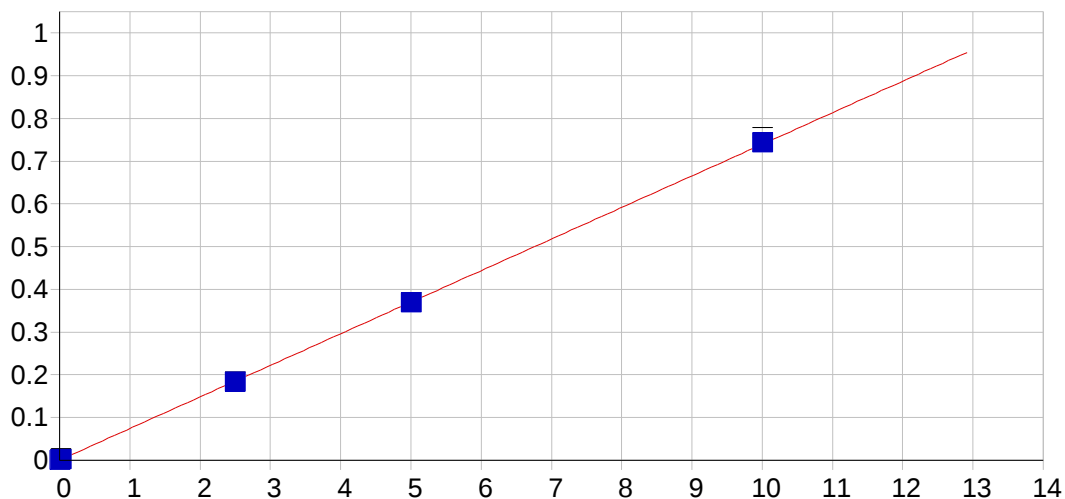


Pb 220.353 {453}

Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002622 Re-Slope: 1.000000
 A1 (Gain): 0.276561 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999766 Status: OK.
 Std Error of Est: 0.000112
 Predicted MDL: 0.001428
 Predicted MQL: 0.004761

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00262	.000	1
S1	.01200	.01270	.001	5.80	.00607	.000	1
S3	2.5000	2.4114	-.089	-3.54	.66845	.004	1
S4	5.0000	4.9072	-.093	-1.86	1.3576	.002	1
S5	10.000	10.181	.181	1.81	2.8139	.038	1



Se 196.090 {472}

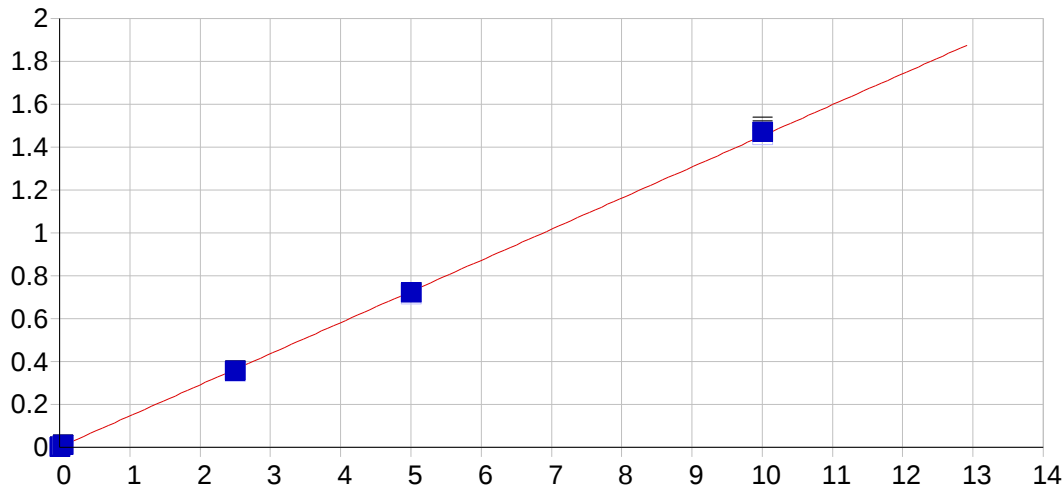
Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000578 Re-Slope: 1.000000
 A1 (Gain): 0.073898 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969
 Std Error of Est: 0.000014
 Predicted MDL: 0.003772
 Predicted MQL: 0.012572

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00058	.000	1
S1	.02000	.02224	.002	11.2	.00222	.000	1
S3	2.5000	2.4672	-.033	-1.31	.18286	.001	1
S4	5.0000	4.9769	-.023	-.462	.36828	.000	1
S5	10.000	10.054	.054	.536	.74336	.011	1



Sb 206.833 {463}

Date of Fit: 9/20/2019 14:44:14

Type of Fit: Linear

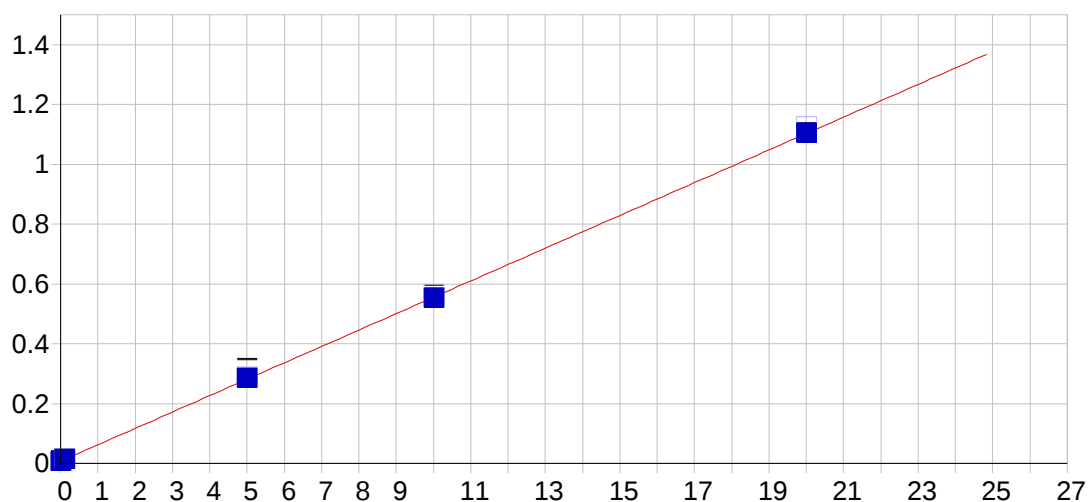
Weighting: 1/Conc

A0 (Offset): 0.001338
 A1 (Gain): 0.145111
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889
 Std Error of Est: 0.000082
 Predicted MDL: 0.002468
 Predicted MQL: 0.008227

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	.00134	.000	1
S1	.05000	.05219	.002	4.39	.00873	.000	1
S3	2.5000	2.4328	-.067	-2.69	.35029	.001	1
S4	5.0000	4.9479	-.052	-1.04	.71117	.001	1
S5	10.000	10.117	.117	1.17	1.4531	.022	1

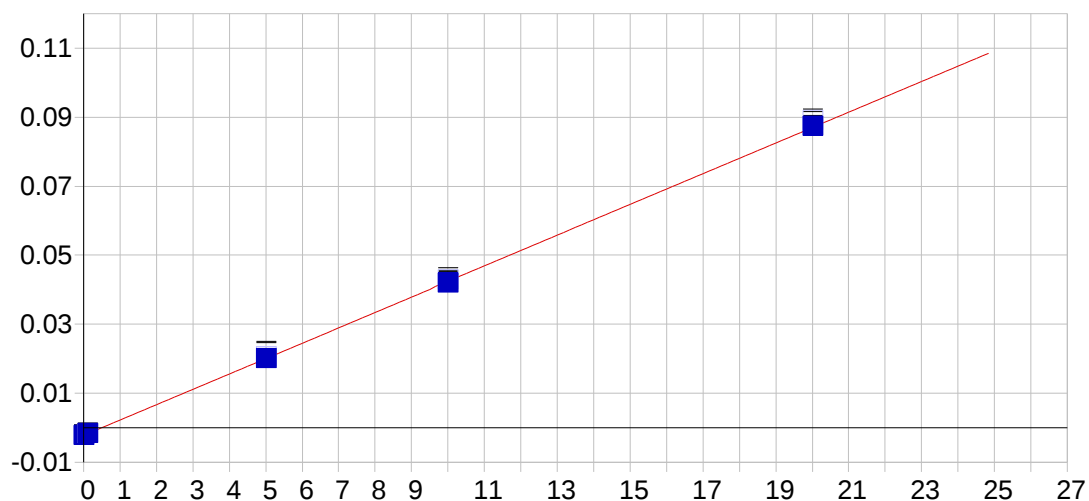


AI 308.215 {109}

Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007453 Re-Slope: 1.000000
 A1 (Gain): 0.054772 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.004162
 Predicted MQL: 0.013873

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00745	.000	1
S1	.10000	.11563	.016	15.6	.01417	.000	1
S3	5.0000	5.0433	.043	.867	.28914	.028	1
S4	10.000	9.9266	-.073	-.734	.56206	.001	1
S5	20.000	20.014	.014	.069	1.1255	.001	1



AI 309.271 {109}

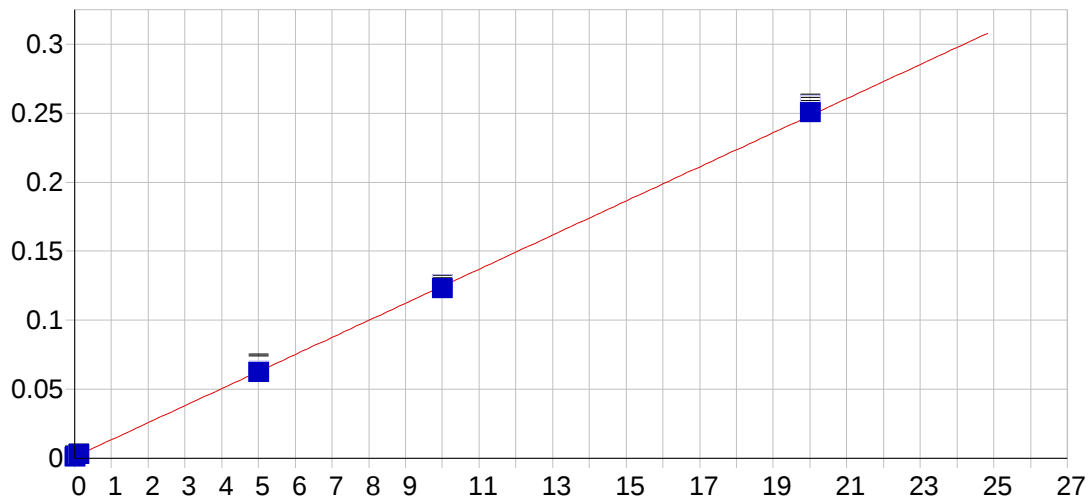
Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002176 Re-Slope: 1.000000
 A1 (Gain): 0.004457 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953
 Std Error of Est: 0.000003
 Predicted MDL: 0.034403
 Predicted MQL: 0.114676

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00218	.000	1
S1	.10000	.11524	.015	15.2	-.00163	.000	1
S3	5.0000	4.9987	-.001	-.025	.02055	.002	1
S4	10.000	9.9093	-.091	-.907	.04287	.001	1
S5	20.000	20.076	.076	.380	.08907	.000	1



AI 396.152 { 85}

Date of Fit: 9/20/2019 14:44:14

Type of Fit: Linear

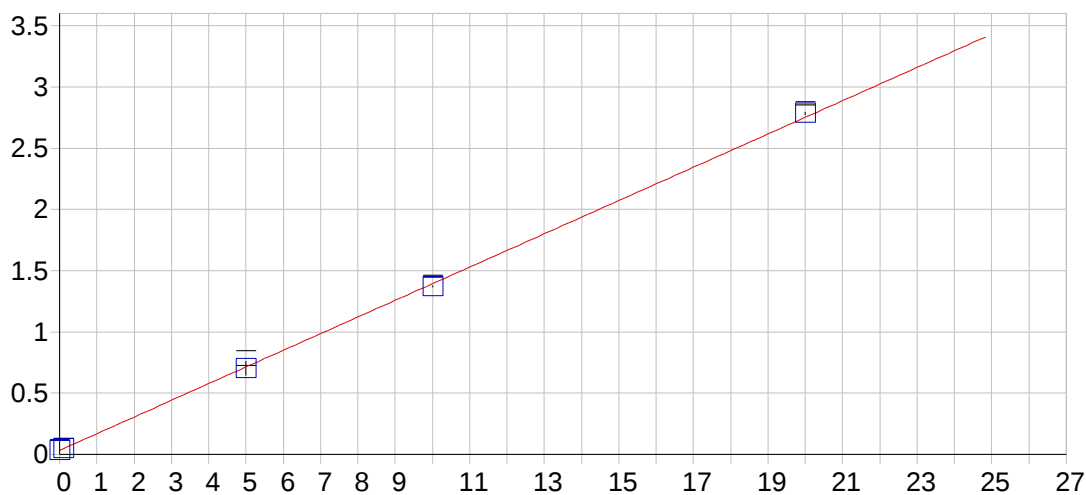
Weighting: 1/Conc

A0 (Offset): 0.001084
 A1 (Gain): 0.012356
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887
 Std Error of Est: 0.000015
 Predicted MDL: 0.017760
 Predicted MQL: 0.059202

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00108	.000	1
S1	.10000	.11975	.020	19.7	.00265	.000	1
S3	5.0000	4.9328	-.067	-1.34	.06326	.005	1
S4	10.000	9.8651	-.135	-1.35	.12544	.000	1
S5	20.000	20.181	.181	.907	.25536	.001	1

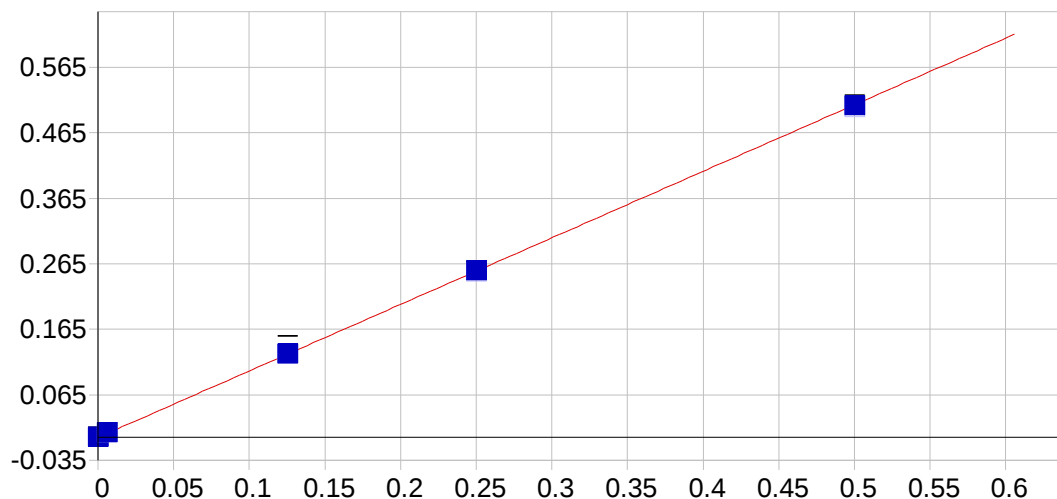


Ba 493.409 { 68}

Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.033869 Re-Slope: 1.000000
 A1 (Gain): 0.135885 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904 Status: OK.
 Std Error of Est: 0.000144
 Predicted MDL: 0.003592
 Predicted MQL: 0.011974

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.03387	.000	1
S1	.10000	.10682	.007	6.82	.04838	.001	1
S3	5.0000	4.9216	-.078	-1.57	.70264	.058	1
S5	20.000	20.228	.228	1.14	2.7825	.013	1
S4	10.000	9.8437	-.156	-1.56	1.3715	.008	1



Be 234.861 {144}

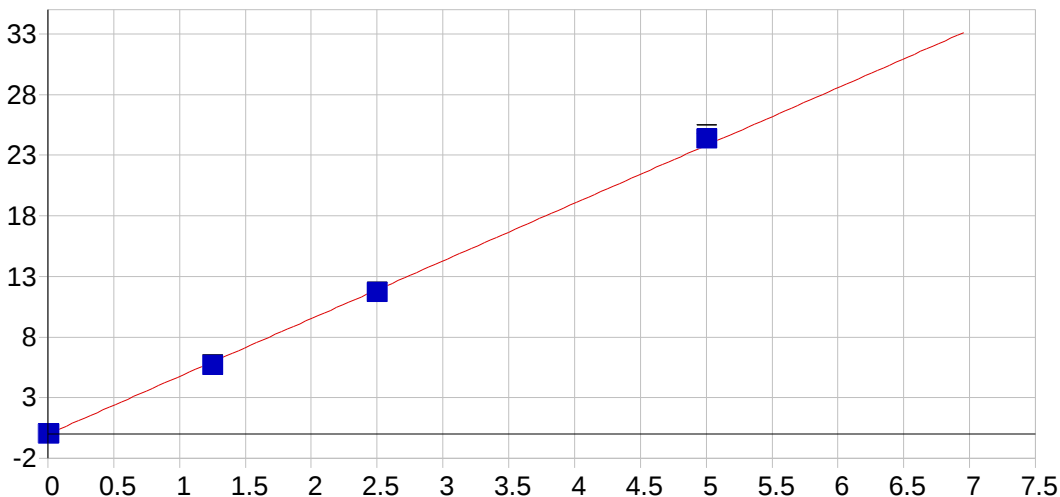
Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000187 Re-Slope: 1.000000
 A1 (Gain): 1.016163 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930
 Std Error of Est: 0.000035
 Predicted MDL: 0.000112
 Predicted MQL: 0.000374

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00019	.000	1
S1	.00600	.00682	.001	13.6	.00667	.000	1
S3	.12500	.12573	.001	.581	.12677	.012	1
S4	.25000	.25016	.000	.063	.25241	.001	1
S5	.50000	.49830	-.002	-.339	.50298	.001	1



Cd 226.502 {449}

Date of Fit: 9/20/2019 14:44:14

Type of Fit: Linear

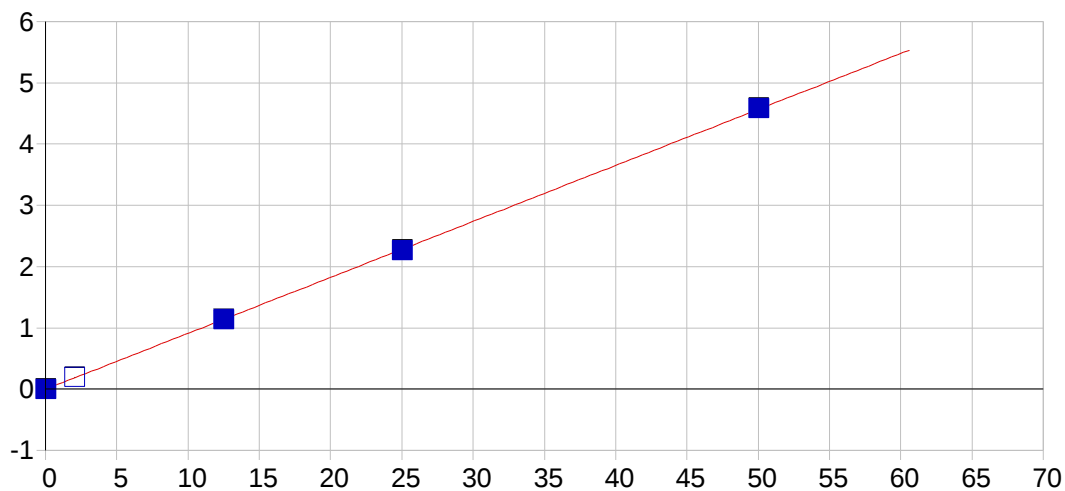
Weighting: 1/Conc

A0 (Offset): -0.007178
 A1 (Gain): 4.761305
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999621
 Std Error of Est: 0.001226
 Predicted MDL: 0.000107
 Predicted MQL: 0.000357

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	-.00718	.000	1
S1	.00600	.00612	.000	2.08	.02199	.000	1
S3	1.2500	1.1848	-.065	-5.22	5.6342	.057	1
S4	2.5000	2.4550	-.045	-1.80	11.682	.011	1
S5	5.0000	5.1100	.110	2.20	24.324	.333	1

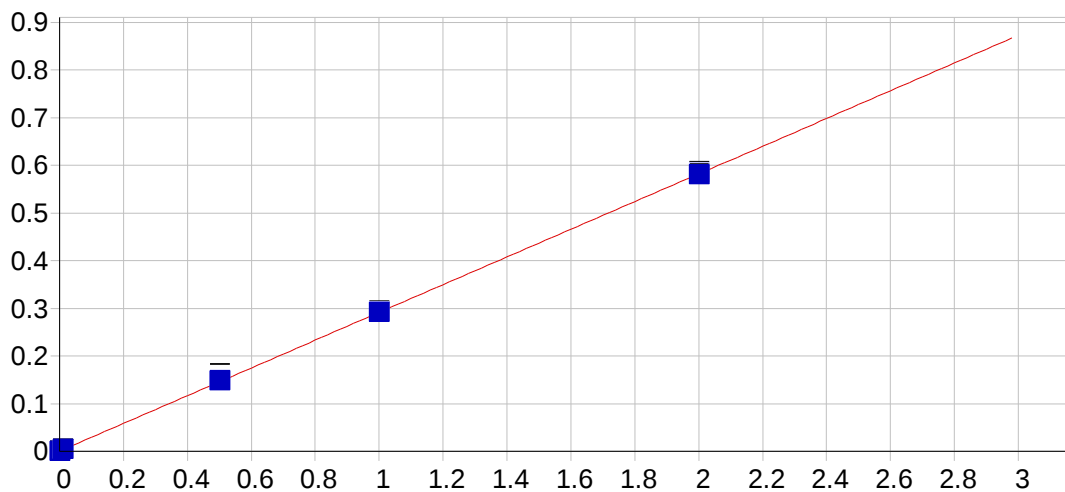


Ca 373.690 { 90}

Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003183 Re-Slope: 1.000000
 A1 (Gain): 0.091377 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000547
 Predicted MDL: 0.018429
 Predicted MQL: 0.061429

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1209	.121	6.04	.19062	.001	1
S0	.00000	-.00010	-.000	.000	-.00319	.002	1
S3	12.500	12.472	-.028	-.220	1.1371	.005	1
S4	25.000	24.736	-.264	-1.06	2.2583	.014	1
S5	50.000	50.171	.171	.342	4.5837	.002	1



Cr 267.716 {126}

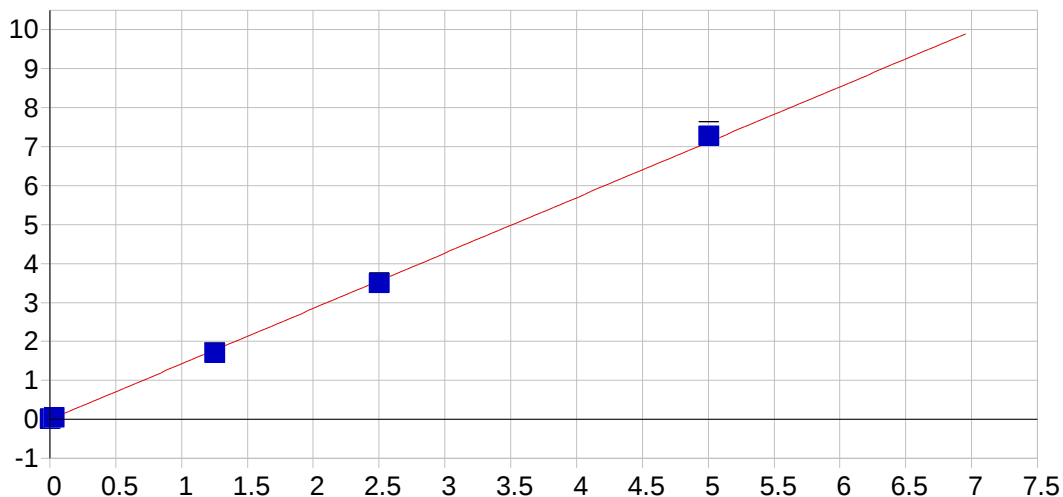
Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000553 Re-Slope: 1.000000
 A1 (Gain): 0.290797 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960
 Std Error of Est: 0.000020
 Predicted MDL: 0.000583
 Predicted MQL: 0.001942

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00055	.000	1
S1	.01000	.01128	.001	12.8	.00385	.000	1
S3	.50000	.50699	.007	1.40	.14913	.014	1
S4	1.0000	.99889	-.001	-.111	.29331	.001	1
S5	2.0000	1.9928	-.007	-.358	.58464	.002	1



Co 228.616 {447}

Date of Fit: 9/20/2019 14:44:14

Type of Fit: Linear

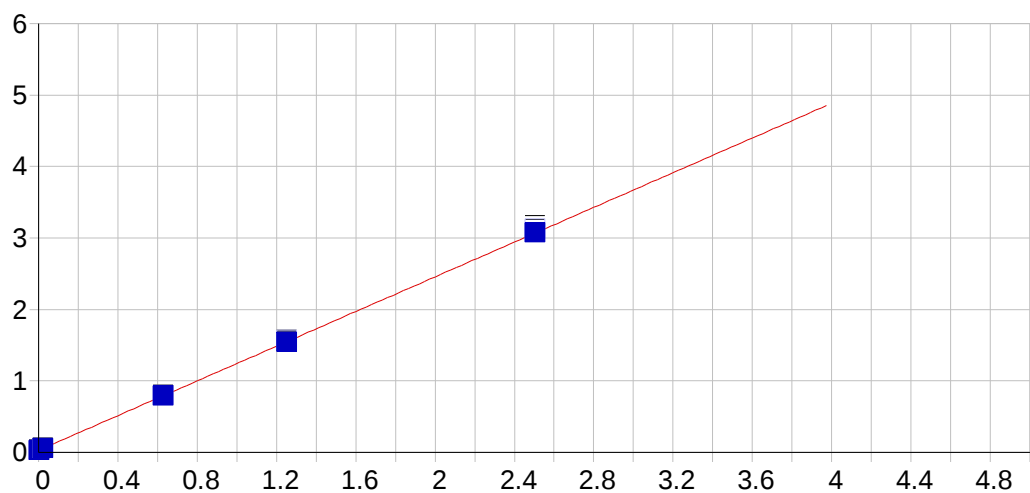
Weighting: 1/Conc

A0 (Offset): -0.003205
 A1 (Gain): 1.423547
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999639
 Std Error of Est: 0.000801
 Predicted MDL: 0.000297
 Predicted MQL: 0.000990

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	-.00320	.000	1
S1	.03000	.03086	.001	2.87	.04044	.000	1
S3	1.2500	1.1879	-.062	-4.97	1.6892	.017	1
S4	2.5000	2.4529	-.047	-1.88	3.4914	.004	1
S5	5.0000	5.1084	.108	2.17	7.2744	.104	1

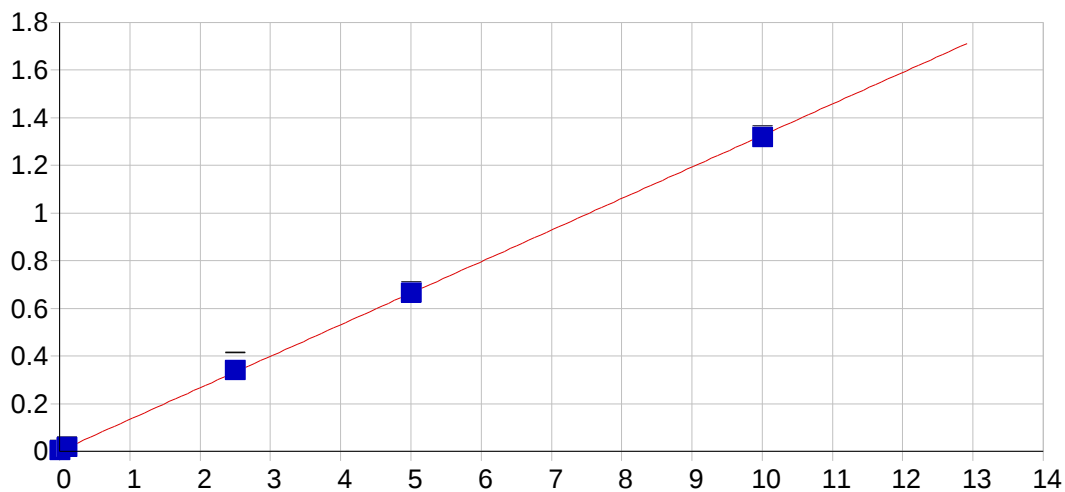


Cu 224.700 {450}

Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.029346 Re-Slope: 1.000000
 A1 (Gain): 1.213726 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000114
 Predicted MDL: 0.000449
 Predicted MQL: 0.001495

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02934	.000	1
S1	.02000	.02200	.002	9.98	.05644	.000	1
S3	.62500	.62390	-.001	-.176	.79946	.001	1
S4	1.2500	1.2425	-.007	-.598	1.5632	.006	1
S5	2.5000	2.5066	.007	.263	3.1231	.049	1



Fe 240.488 {140}

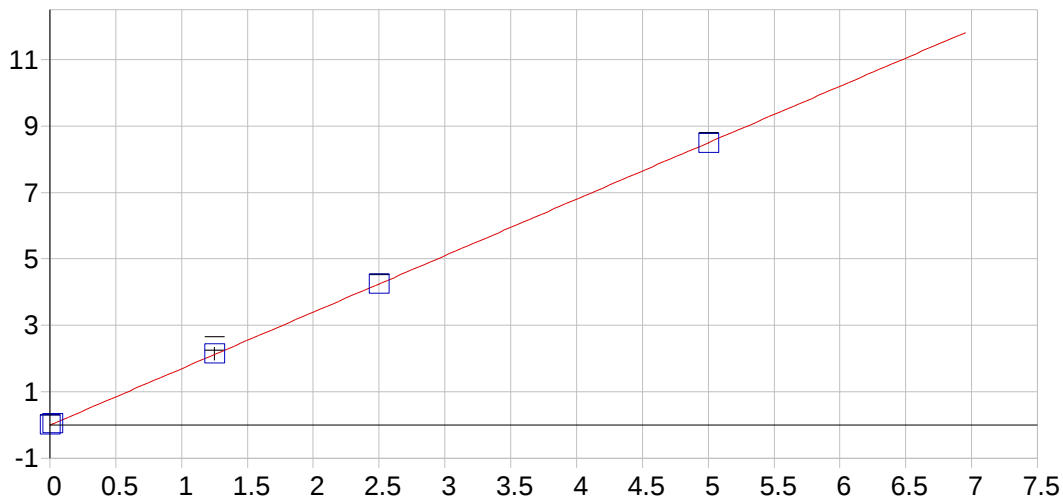
Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001738 Re-Slope: 1.000000
 A1 (Gain): 0.132400 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908
 Std Error of Est: 0.000097
 Predicted MDL: 0.001038
 Predicted MQL: 0.003459

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00174	.000	1
S1	.10000	.11339	.013	13.4	.01682	.000	1
S3	2.5000	2.5520	.052	2.08	.34086	.032	1
S4	5.0000	4.9954	-.005	-.092	.66560	.003	1
S5	10.000	9.9392	-.061	-.608	1.3226	.002	1



Mn 257.610 {131}

Date of Fit: 9/20/2019 14:44:14

Type of Fit: Linear

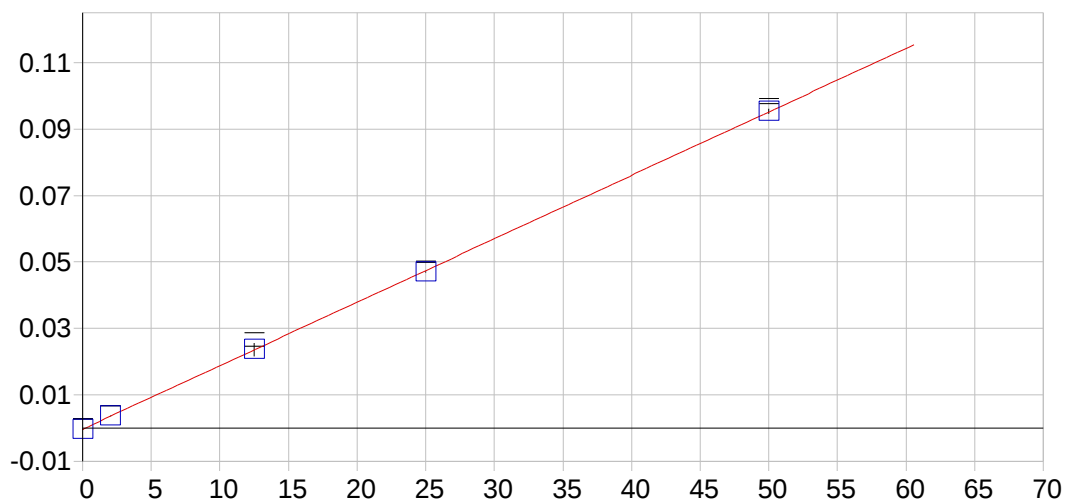
Weighting: 1/Conc

A0 (Offset): -0.000569
 A1 (Gain): 1.699167
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963
 Std Error of Est: 0.000250
 Predicted MDL: 0.000093
 Predicted MQL: 0.000309

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	-.00057	.000	1
S1	.02000	.02303	.003	15.2	.03857	.001	1
S3	1.2500	1.2633	.013	1.06	2.1460	.205	1
S4	2.5000	2.4900	-.010	-.398	4.2304	.005	1
S5	5.0000	4.9936	-.006	-.128	8.4844	.005	1

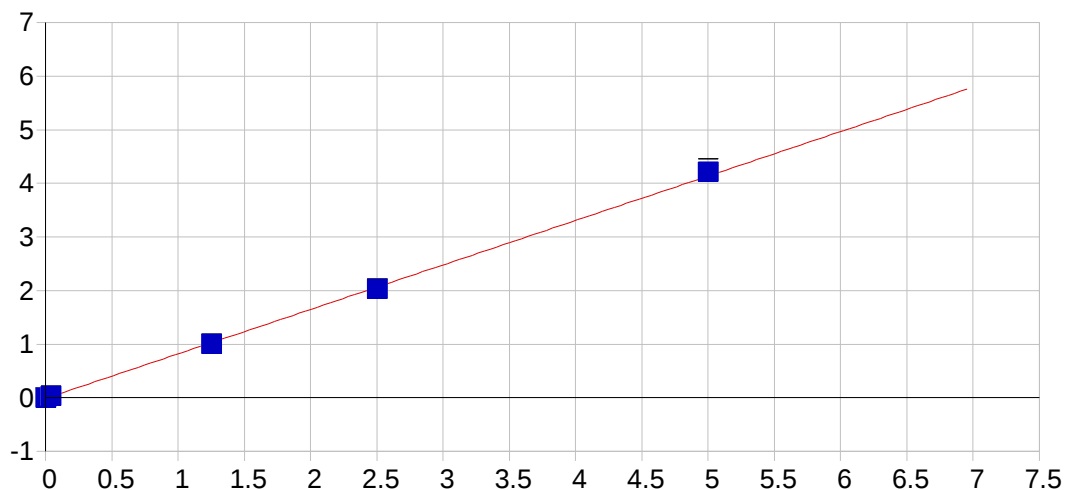


Mg 279.079 {121}

Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000298 Re-Slope: 1.000000
 A1 (Gain): 0.001909 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.045455
 Predicted MQL: 0.151517

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0803	.080	4.02	.00367	.000	1
S0	.00000	-.00007	-.000	.000	-.00030	.000	1
S3	12.500	12.533	.033	.264	.02363	.002	1
S4	25.000	24.774	-.226	-.905	.04700	.000	1
S5	50.000	50.113	.113	.226	.09538	.001	1



Ni 231.604 {445}

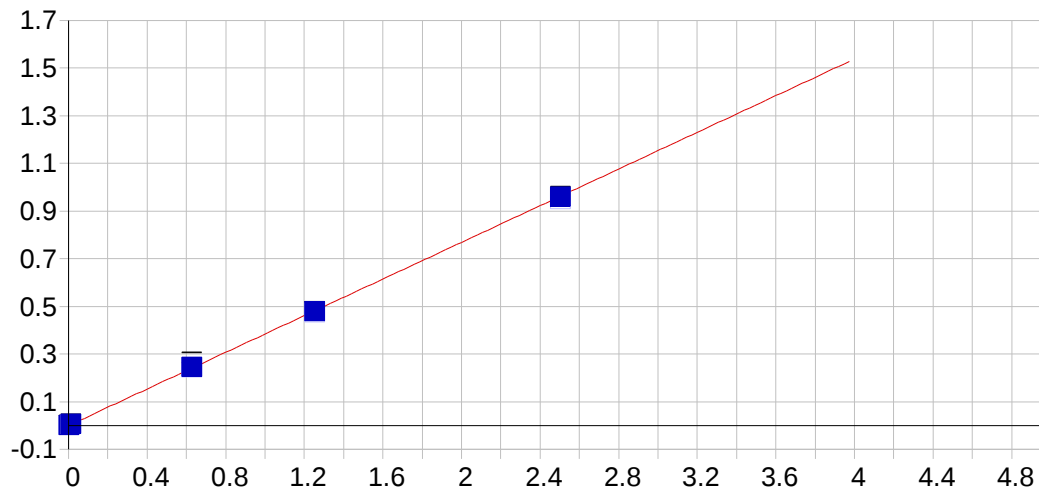
Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.012390 Re-Slope: 1.000000
 A1 (Gain): 0.829668 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796
 Std Error of Est: 0.000406
 Predicted MDL: 0.000541
 Predicted MQL: 0.001802

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01239	.000	1
S1	.04000	.04301	.003	7.52	.02331	.000	1
S3	1.2500	1.2113	-.039	-3.09	.99373	.004	1
S4	2.5000	2.4541	-.046	-1.84	2.0259	.001	1
S5	5.0000	5.0816	.082	1.63	4.2082	.062	1



Ag 328.068 {103}

Date of Fit: 9/20/2019 14:44:14

Type of Fit: Linear

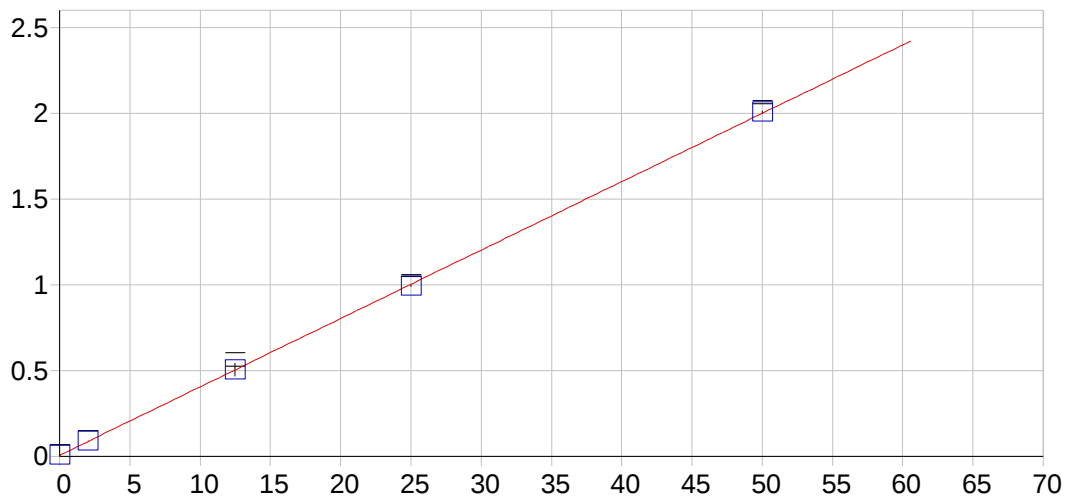
Weighting: 1/Conc

A0 (Offset): -0.000615
 A1 (Gain): 0.384718
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954
 Std Error of Est: 0.000031
 Predicted MDL: 0.000752
 Predicted MQL: 0.002507

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	-.00062	.000	1
S1	.01000	.01146	.001	14.6	.00371	.000	1
S3	.62500	.63456	.010	1.53	.24077	.022	1
S4	1.2500	1.2445	-.005	-.438	.47270	.000	1
S5	2.5000	2.4945	-.006	-.221	.94810	.002	1

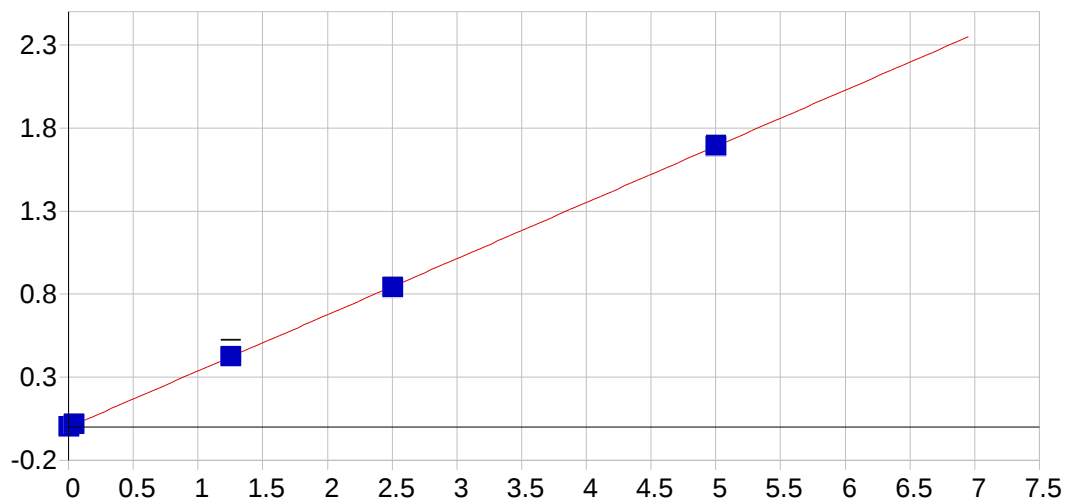


Na 589.592 { 57}

Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006556 Re-Slope: 1.000000
 A1 (Gain): 0.039862 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000165
 Predicted MDL: 0.012306
 Predicted MQL: 0.041021

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0683	.068	3.42	.08900	.001	1
S0	.00000	-.00006	-.000	.000	.00655	.001	1
S3	12.500	12.510	.010	.077	.50522	.041	1
S4	25.000	24.761	-.239	-.956	.99359	.005	1
S5	50.000	50.161	.161	.322	2.0061	.010	1



V 292.402 {115}

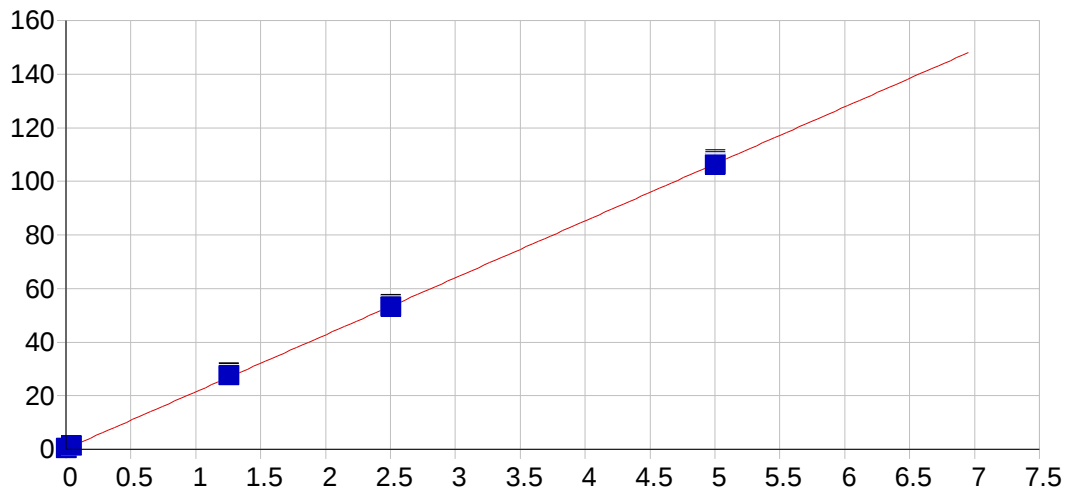
Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000241 Re-Slope: 1.000000
 A1 (Gain): 0.337954 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983
 Std Error of Est: 0.000048
 Predicted MDL: 0.000603
 Predicted MQL: 0.002008

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00024	.000	1
S1	.04000	.04229	.002	5.72	.01384	.000	1
S3	1.2500	1.2556	.006	.446	.42132	.041	1
S4	2.5000	2.4822	-.018	-.713	.83310	.001	1
S5	5.0000	5.0100	.010	.200	1.6819	.002	1



Zn 206.200 {163}

Date of Fit: 9/20/2019 14:44:14

Type of Fit: Linear

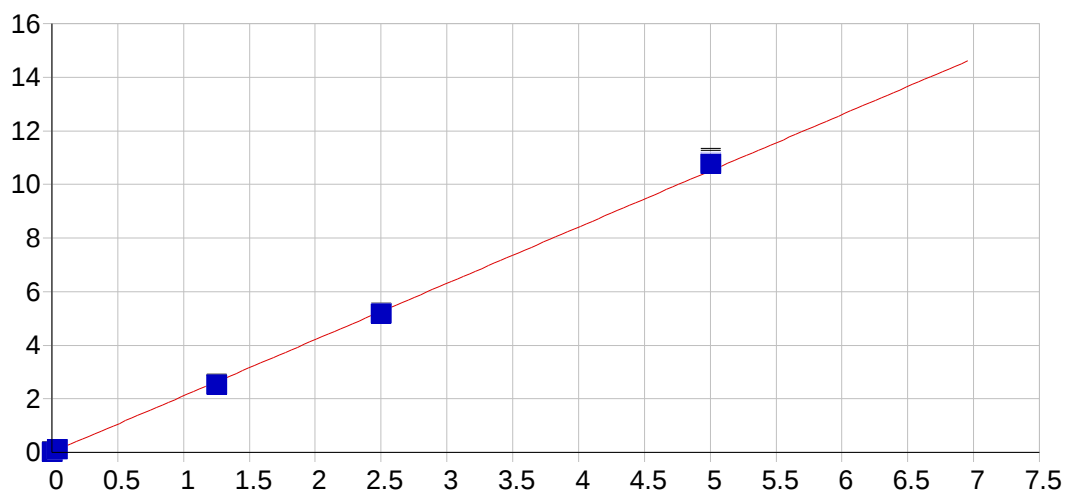
Weighting: 1/Conc

A0 (Offset): 0.192424
 A1 (Gain): 21.262329
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942
 Std Error of Est: 0.005595
 Predicted MDL: 0.000390
 Predicted MQL: 0.001301

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	.19234	.005	1
S1	.04000	.04360	.004	9.00	1.1250	.018	1
S3	1.2500	1.2771	.027	2.17	27.508	.792	1
S4	2.5000	2.4893	-.011	-.428	53.442	.537	1
S5	5.0000	4.9799	-.020	-.401	106.72	1.19	1

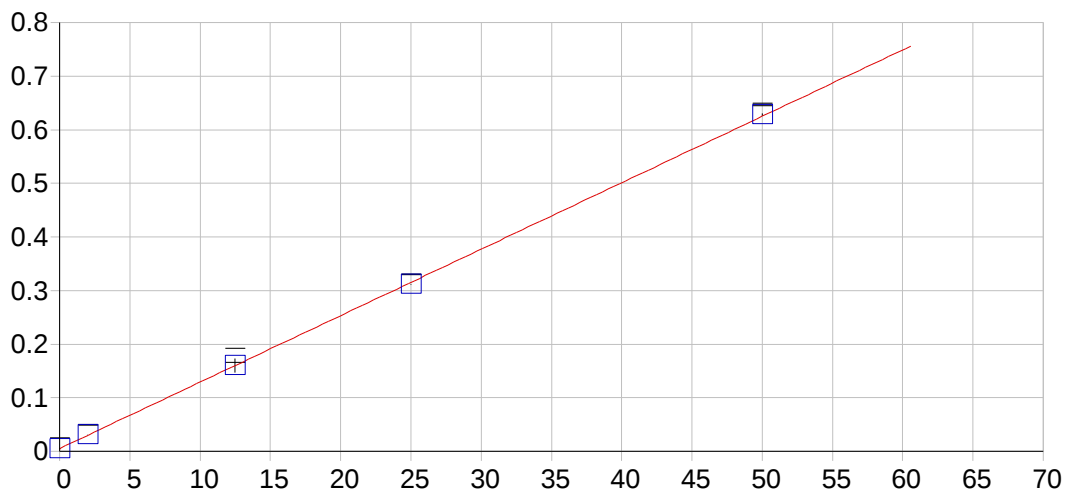


Zn 213.856 {458}

Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008637 Re-Slope: 1.000000
 A1 (Gain): 2.099039 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999621 Status: OK.
 Std Error of Est: 0.001408
 Predicted MDL: 0.000149
 Predicted MQL: 0.000497

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00864	.000	1
S1	.04000	.03896	-.001	-2.61	.09100	.000	1
S3	1.2500	1.1863	-.064	-5.10	2.5154	.025	1
S4	2.5000	2.4518	-.048	-1.93	5.1885	.004	1
S5	5.0000	5.1130	.113	2.26	10.808	.147	1



K 766.490 {44}

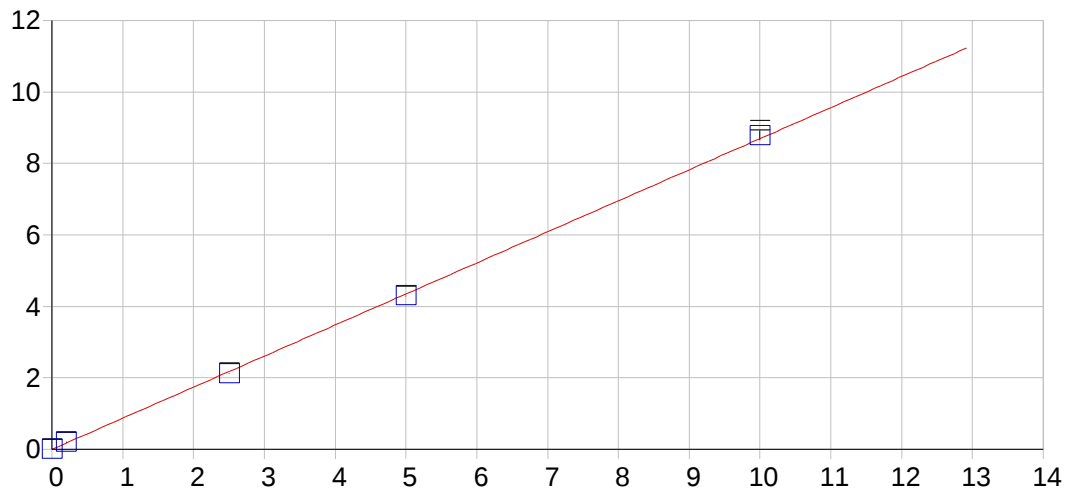
Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005120 Re-Slope: 1.000000
 A1 (Gain): 0.012399 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000055
 Predicted MDL: 0.045471
 Predicted MQL: 0.151570

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0495	.049	2.47	.03053	.000	1
S0	.00000	-.00004	-.000	.000	.00512	.001	1
S3	12.500	12.495	-.005	-.044	.16004	.013	1
S4	25.000	24.705	-.295	-1.18	.31143	.001	1
S5	50.000	50.251	.251	.503	.62818	.003	1



Mo 202.030 {467}

Date of Fit: 9/20/2019 14:44:14

Type of Fit: Linear

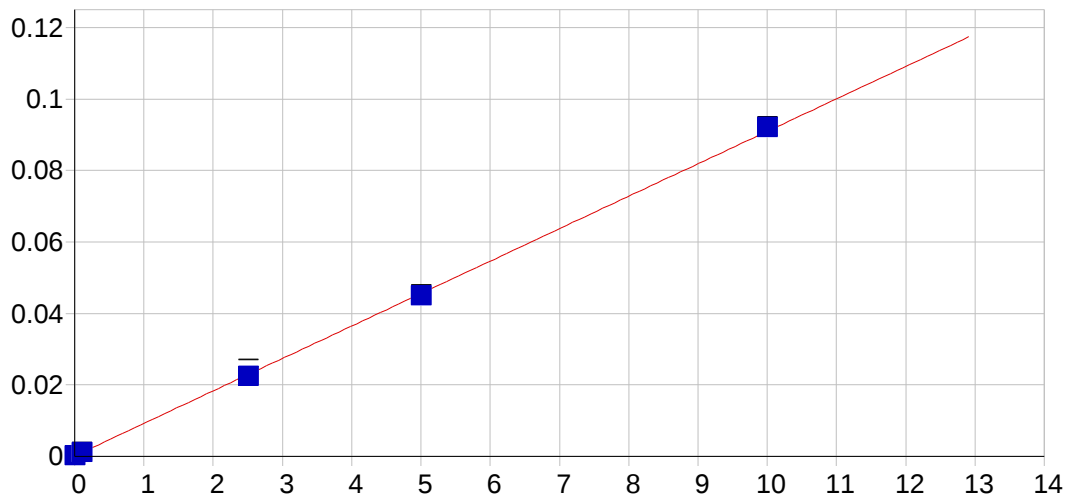
Weighting: 1/Conc

A0 (Offset): 0.000997
 A1 (Gain): 0.869238
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869
 Std Error of Est: 0.001081
 Predicted MDL: 0.000372
 Predicted MQL: 0.001240

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	.00099	.000	1
S1	.20000	.21670	.017	8.35	.18936	.000	1
S3	2.5000	2.4383	-.062	-2.47	2.1205	.015	1
S4	5.0000	4.9421	-.058	-1.16	4.2969	.010	1
S5	10.000	10.103	.103	1.03	8.7828	.132	1

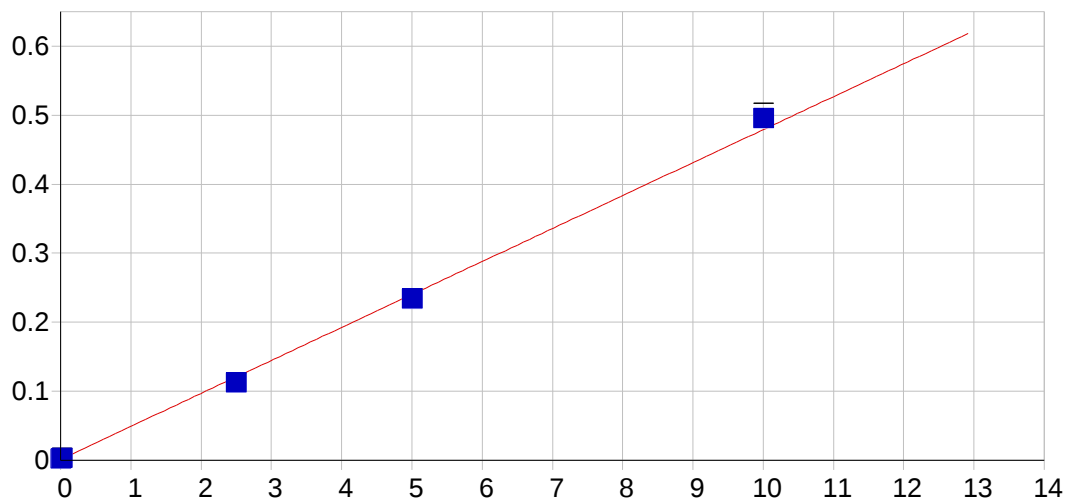


B 249.678 {135}

Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000163 Re-Slope: 1.000000
 A1 (Gain): 0.009079 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.008255
 Predicted MQL: 0.027517

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00016	.000	1
S1	.10000	.09510	-.005	-4.90	.00102	.000	1
S3	2.5000	2.4487	-.051	-2.05	.02234	.002	1
S4	5.0000	4.9316	-.068	-1.37	.04483	.000	1
S5	10.000	10.125	.125	1.25	.09188	.000	1



S 182.034 {485}

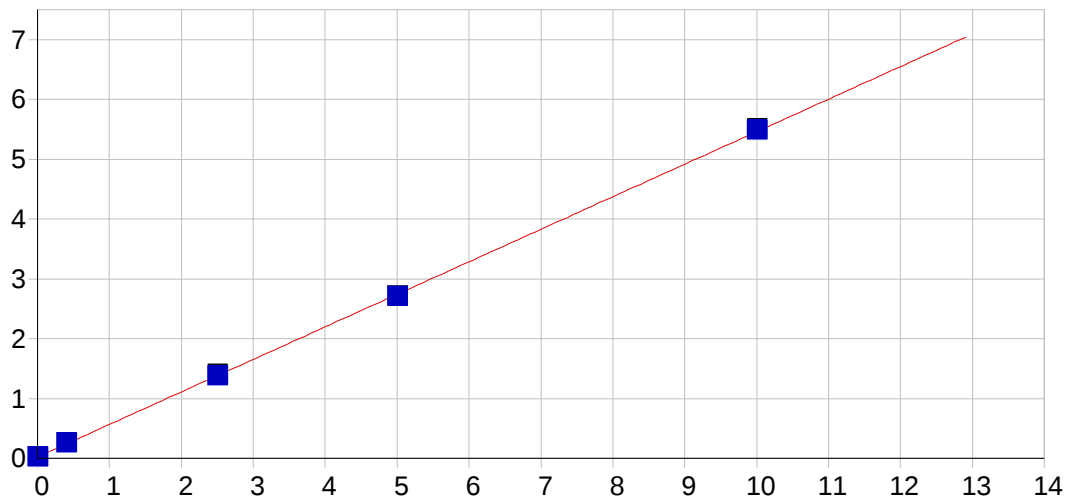
Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001457 Re-Slope: 1.000000
 A1 (Gain): 0.047760 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999150
 Std Error of Est: 0.000048
 Predicted MDL: 0.004136
 Predicted MQL: 0.013788

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00146	.000	1
S1	.02000	.01920	-.001	-4.00	.00235	.000	1
S3	2.5000	2.3107	-.189	-7.57	.11168	.000	1
S4	5.0000	4.8554	-.145	-2.89	.23308	.000	1
S5	10.000	10.335	.335	3.35	.49451	.008	1



Si 288.158 {117}

Date of Fit: 9/20/2019 14:44:14

Type of Fit: Linear

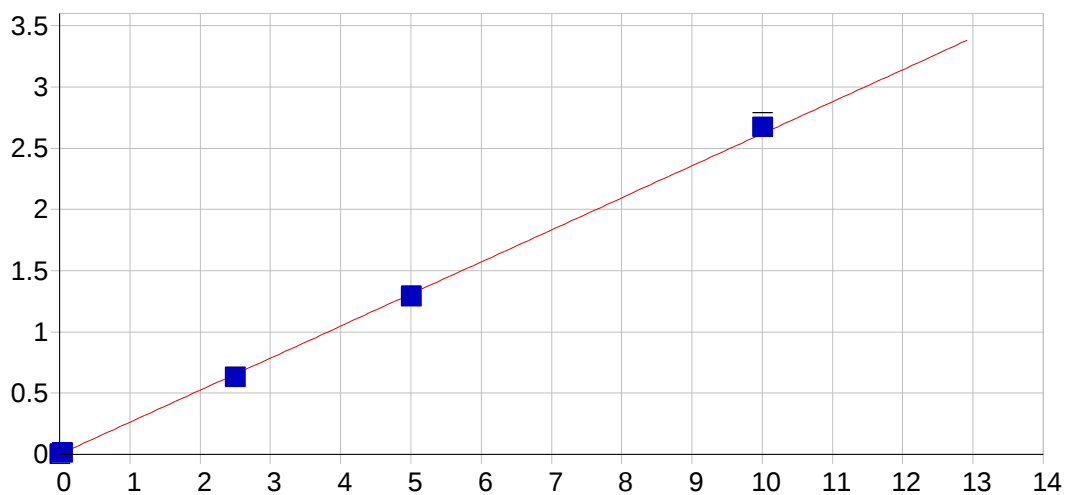
Weighting: 1/Conc

A0 (Offset): 0.022021
 A1 (Gain): 0.543803
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921
 Std Error of Est: 0.000747
 Predicted MDL: 0.003247
 Predicted MQL: 0.010822

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.02201	.002	1
S1	.40000	.42710	.027	6.78	.25410	.003	1
S3	2.5000	2.4880	-.012	-.482	1.3743	.026	1
S4	5.0000	4.9395	-.060	-1.21	2.7067	.013	1
S5	10.000	10.045	.045	.454	5.4819	.021	1

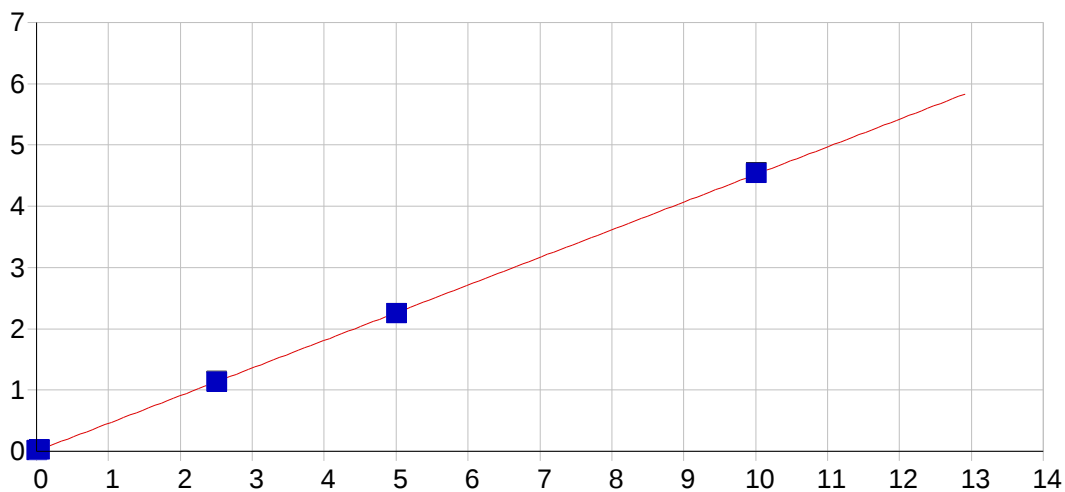


Sn 189.989 {477}

Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000957 Re-Slope: 1.000000
 A1 (Gain): 0.261662 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999731 Status: OK.
 Std Error of Est: 0.000207
 Predicted MDL: 0.000851
 Predicted MQL: 0.002837

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00096	.000	1
S1	.04000	.03895	-.001	-2.62	.01115	.000	1
S3	2.5000	2.3957	-.104	-4.17	.62795	.001	1
S4	5.0000	4.9150	-.085	-1.70	1.2873	.001	1
S5	10.000	10.190	.190	1.90	2.6678	.041	1



Ti 336.121 {100}

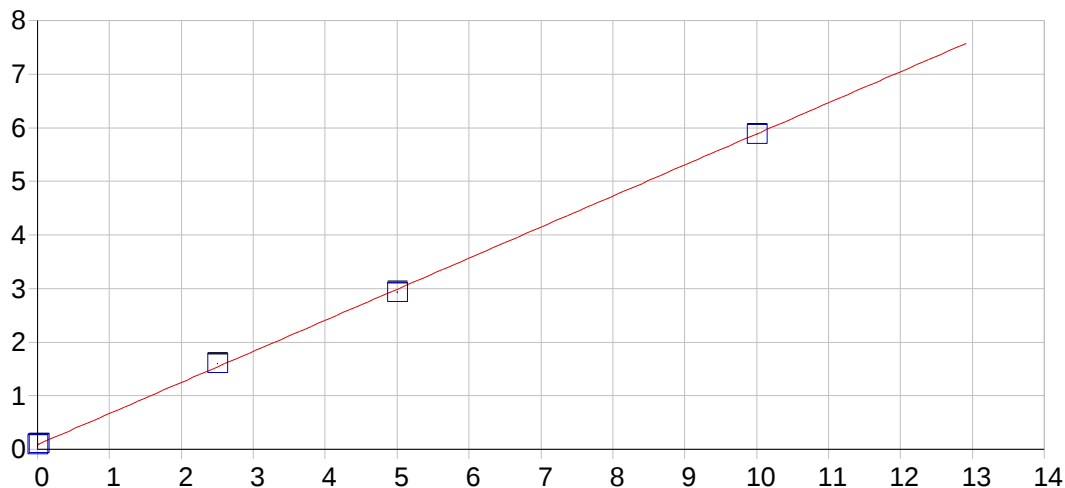
Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005710 Re-Slope: 1.000000
 A1 (Gain): 0.451276 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983
 Std Error of Est: 0.000091
 Predicted MDL: 0.002458
 Predicted MQL: 0.008194

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00571	.001	1
S1	.04000	.04136	.001	3.39	.02436	.001	1
S3	2.5000	2.4945	-.006	-.221	1.1313	.003	1
S4	5.0000	4.9585	-.042	-.831	2.2431	.004	1
S5	10.000	10.046	.046	.457	4.5385	.008	1



Li 670.784 { 50}

Date of Fit: 9/20/2019 14:44:14

Type of Fit: Linear

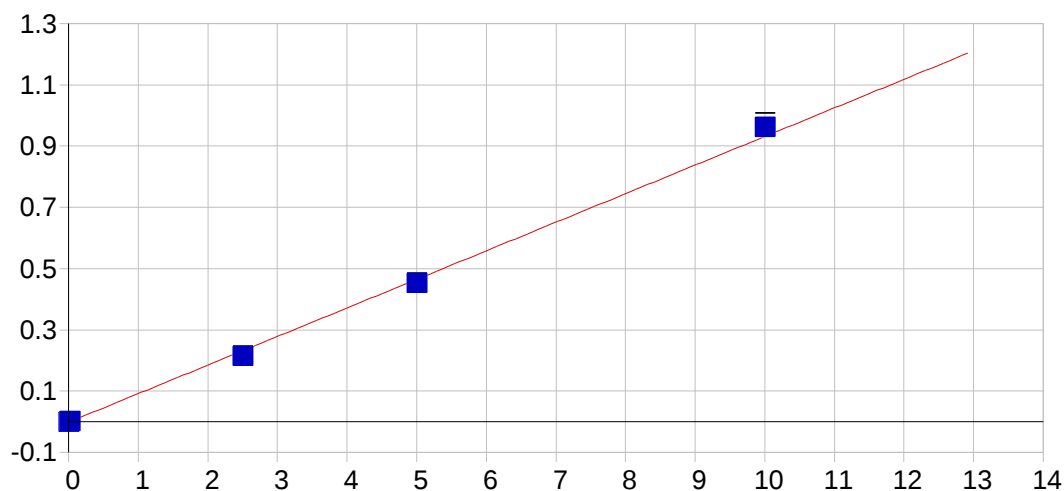
Weighting: 1/Conc

A0 (Offset): 0.087803
 A1 (Gain): 0.579684
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999732
 Std Error of Est: 0.000324
 Predicted MDL: 0.007123
 Predicted MQL: 0.023742

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	.08780	.008	1
S1	.02000	.02737	.007	36.9	.10367	.003	1
S3	2.5000	2.6060	.106	4.24	1.5984	.012	1
S4	5.0000	4.8958	-.104	-2.08	2.9258	.018	1
S5	10.000	9.9909	-.009	-.091	5.8793	.006	1

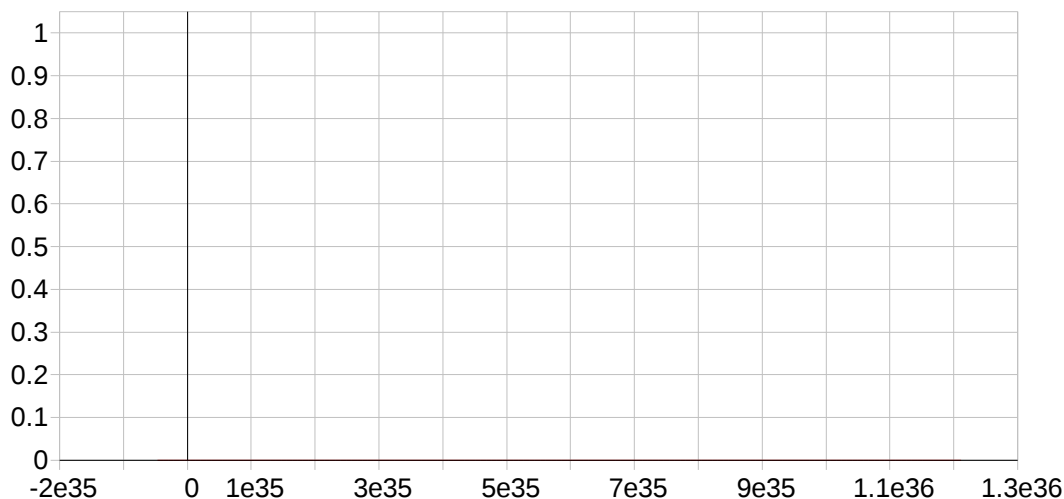


P 177.495 {490}

Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001601 Re-Slope: 1.000000
 A1 (Gain): 0.093293 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999203 Status: OK.
 Std Error of Est: 0.000090
 Predicted MDL: 0.002008
 Predicted MQL: 0.006693

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00160	.000	1
S1	.02000	.02150	.002	7.50	.00040	.000	1
S3	2.5000	2.3126	-.187	-7.49	.21381	.001	1
S4	5.0000	4.8669	-.133	-2.66	.45177	.001	1
S5	10.000	10.319	.319	3.19	.95974	.015	1



Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

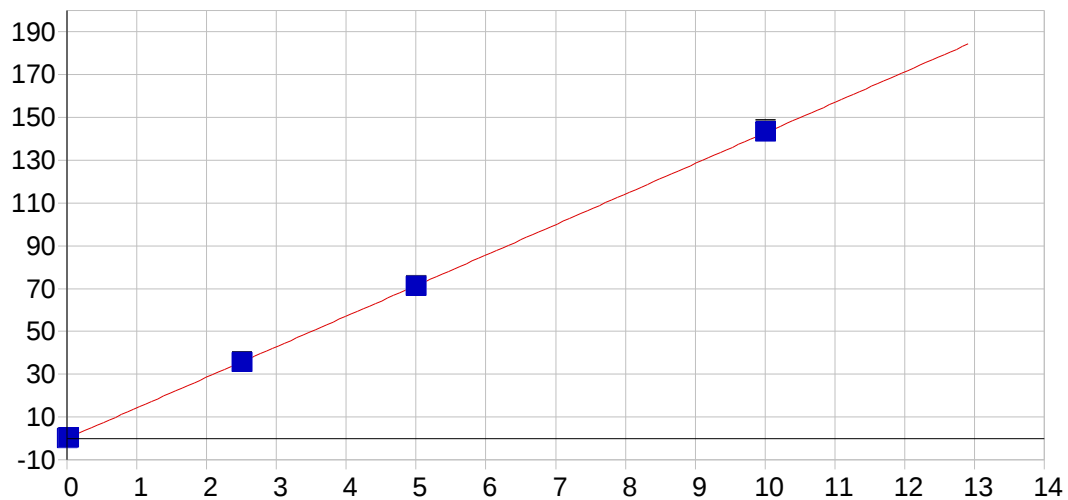
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit: 9/20/2019 14:44:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.019609

Re-Slope: 1.000000

A1 (Gain): 14.277747

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999986

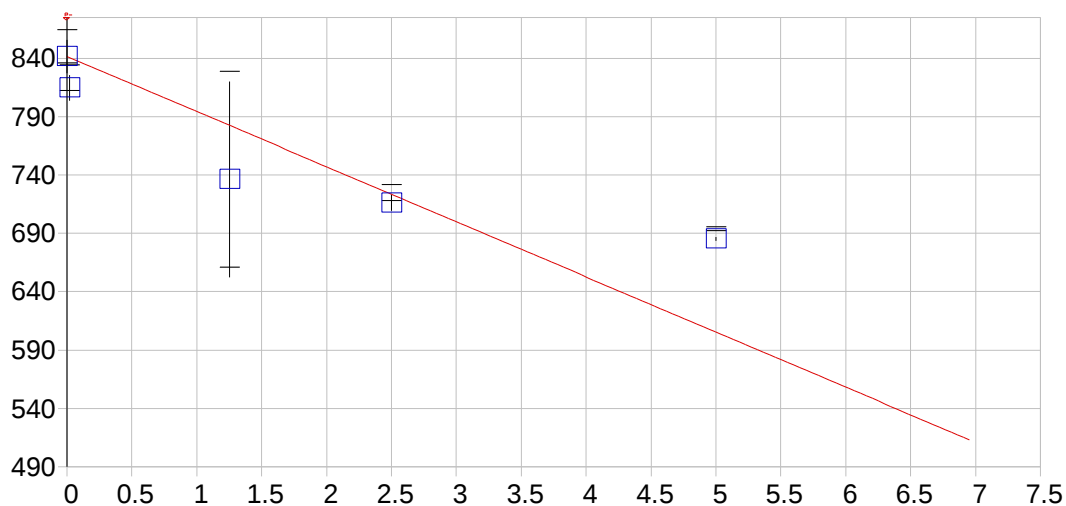
Status: OK.

Std Error of Est: 0.001795

Predicted MDL: 0.000149

Predicted MQL: 0.000498

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01963	.002	1
S1	.02000	.02163	.002	8.13	.29073	.002	1
S3	2.5000	2.4907	-.009	-.370	35.582	.108	1
S4	5.0000	4.9707	-.029	-.586	71.029	.435	1
S5	10.000	10.037	.037	.369	143.44	.659	1

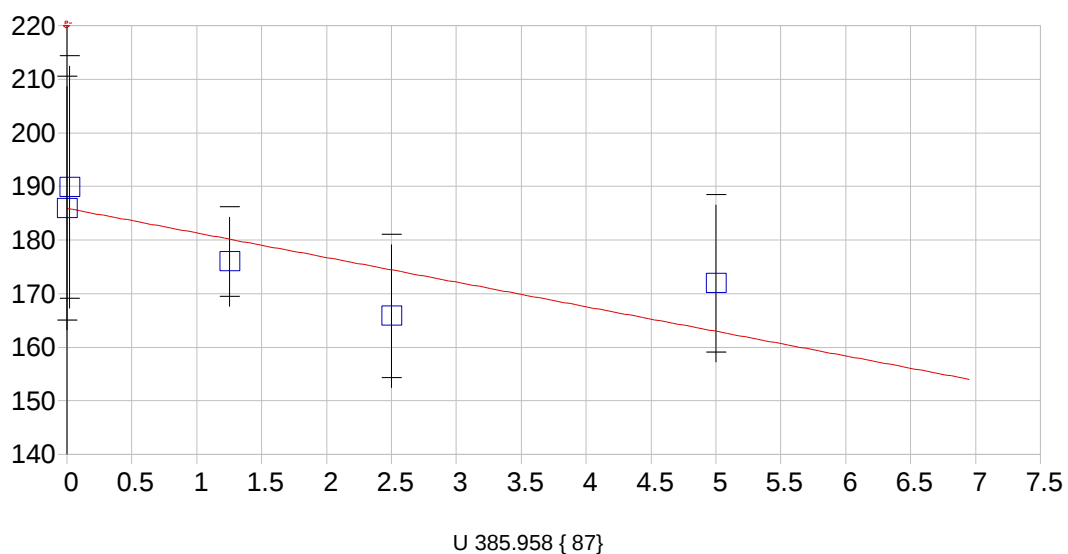


U 367.007 { 92 }

Date of Fit: 9/20/2019 14:44:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 841.672960 Re-Slope: 1.000000
A1 (Gain): -47.247612 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.590753 Status: Warning Negative Gain
Std Error of Est: 1.102747
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00056	-.001	.000	841.70	14.4	1
S1	.02000	.56760	.548	2740.	814.86	11.0	1
S3	1.2500	2.2320	.982	78.6	736.22	83.7	1
S4	2.5000	2.6573	.157	6.29	716.12	6.96	1
S5	5.0000	3.3131	-1.69	-33.7	685.14	1.59	1



Date of Fit: 9/20/2019 14:44:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 185.903848

Re-Slope: 1.000000

A1 (Gain): -4.588307

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.417155

Status: Warning Negative Gain

Std Error of Est: 0.170824

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00086	.001	.000	185.90	22.8	1
S1	.02000	-.85984	-.880	-4400.	189.85	22.6	1
S3	1.2500	2.1840	.934	74.7	175.88	8.36	1
S4	2.5000	4.3902	1.89	75.6	165.76	13.4	1
S5	5.0000	3.0557	-1.94	-38.9	171.88	14.6	1

Sample Name: S0 Acquired: 9/20/2019 11:34:41 Type: Cal
Method: P4-ICP2(v3395) 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	-.00146	.00235	.00262	.00058	.00134	.00108	.03387	-.00019
Stddev	.00024	.00002	.00007	.00031	.00010	.00017	.00021	.00009
%RSD	16.738	.64315	2.8336	53.039	7.1357	15.641	.61022	50.484
#1	-.00155	.00236	.00269	.00079	.00129	.00094	.03408	-.00013
#2	-.00119	.00236	.00263	.00023	.00128	.00104	.03385	-.00014
#3	-.00165	.00233	.00254	.00072	.00145	.00127	.03367	-.00030
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	-.00718	-.00319	.00055	-.00320	.02934	.00174	-.00057	-.00030
Stddev	.00012	.00165	.00010	.00014	.00014	.00010	.00011	.00008
%RSD	1.7413	51.549	18.347	4.4330	.48540	5.6590	19.384	26.567
#1	-.00703	-.00506	.00052	-.00334	.02951	.00184	-.00070	-.00037
#2	-.00723	-.00196	.00047	-.00305	.02924	.00172	-.00052	-.00031
#3	-.00727	-.00256	.00066	-.00322	.02929	.00164	-.00050	-.00021
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	-.01239	-.00062	.00655	-.00024	.00864	.00512	.00099	.00016
Stddev	.00001	.00028	.00069	.00010	.00027	.00076	.00016	.00005
%RSD	.10425	44.903	10.488	39.605	3.1270	14.773	16.070	29.870
#1	-.01240	-.00038	.00589	-.00021	.00877	.00439	.00115	.00022
#2	-.01238	-.00092	.00652	-.00016	.00833	.00590	.00097	.00013
#3	-.01240	-.00054	.00726	-.00035	.00882	.00507	.00084	.00014
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	.00146	.02201	.00096	.00571	.08780	-.0016	-.01963	841.70
Stddev	.00034	.00168	.00019	.00080	.00787	.0002	.00176	14.36
%RSD	23.387	7.6105	20.354	14.022	8.9600	11.23	8.9512	1.7066
#1	.00133	.02381	.00096	.00518	.09502	-.0015	-.01963	827.81
#2	.00184	.02173	.00076	.00663	.07942	-.0015	-.02139	856.50
#3	.00120	.02049	.00115	.00532	.08896	-.0018	-.01787	840.79

Sample Name: S0 Acquired: 9/20/2019 11:34:41 Type: Cal
 Method: P4-ICP2(v3395) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	185.90
Stddev	22.76
%RSD	12.245

#1	190.24
#2	161.28
#3	206.18

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2457.4	27187.	2566.0	131.51	2584.2
Stddev	16.8	200.	92.7	4.34	17.5
%RSD	.68259	.73621	3.6144	3.3003	.67747

#1	2446.3	26962.	2459.2	126.78	2570.1
#2	2449.3	27251.	2625.8	135.31	2578.7
#3	2476.7	27347.	2613.1	132.44	2603.8

Sample Name: S1 Acquired: 9/20/2019 11:39:07 Type: Cal
Method: P4-ICP2(v3395) 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	.00005	.01042	.00607	.00222	.00873	.00265	.04838	.00667
Stddev	.00028	.00004	.00020	.00008	.00036	.00016	.00091	.00013
%RSD	573.76	.37650	3.3633	3.8143	4.1416	6.1012	1.8846	1.8849

#1	.00038	.01038	.00583	.00213	.00915	.00282	.04778	.00663
#2	-.00011	.01046	.00621	.00229	.00854	.00264	.04795	.00682
#3	-.00011	.01041	.00615	.00224	.00851	.00249	.04943	.00658

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	.02199	.00385	.04044	.05644	.01682	.03857	.02331	.00371
Stddev	.00049	.00018	.00039	.00004	.00022	.00051	.00014	.00032
%RSD	2.2346	4.7845	.96480	.07184	1.2857	1.3326	.62139	8.6434

#1	.02229	.00364	.04075	.05646	.01659	.03798	.02328	.00369
#2	.02142	.00392	.04000	.05647	.01684	.03896	.02347	.00341
#3	.02226	.00398	.04056	.05640	.01702	.03875	.02318	.00405

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	.01384	.09100	.18936	.00102	.00235	.25410	.01115	.02436
Stddev	.00038	.00010	.00017	.00005	.00016	.00336	.00028	.00095
%RSD	2.7775	.10469	.09113	5.0939	6.6737	1.3236	2.5520	3.8824

#1	.01356	.09092	.18950	.00098	.00240	.25645	.01092	.02422
#2	.01369	.09097	.18917	.00108	.00217	.25025	.01147	.02537
#3	.01428	.09110	.18942	.00101	.00247	.25560	.01105	.02350

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.10367	.0004	.29073	814.86	189.85
Stddev	.00302	.0002	.00183	10.97	22.60
%RSD	2.9083	41.06	.62888	1.3461	11.906

#1	.10178	.0005	.28872	805.81	213.84
#2	.10715	.0005	.29118	827.06	168.95
#3	.10208	.0002	.29230	811.70	186.76

Sample Name: S1 Acquired: 9/20/2019 11:39:07 Type: Cal
Method: P4-ICP2(v3395) 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	2453.5	27158.	2605.3	134.09	2582.8
Stddev	13.7	24.	25.5	3.12	11.5
%RSD	.55759	.08979	.98048	2.3231	.44452
#1	2438.5	27160.	2576.1	130.68	2570.2
#2	2465.2	27182.	2623.4	134.83	2592.6
#3	2456.9	27133.	2616.5	136.78	2585.7

Sample Name: S2 Acquired: 9/20/2019 11:43:46 Type: Cal
 Method: P4-ICP2(v3395) 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	.19062	.00367	.08900	.03053
Stddev	.00113	.00005	.00079	.00019
%RSD	.59091	1.4731	.88588	.61020

#1	.19131	.00362	.08858	.03056
#2	.19123	.00372	.08852	.03070
#3	.18932	.00368	.08991	.03033

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	27525.	2653.7
Stddev	6.	29.6
%RSD	.02292	1.1149

#1	27518.	2629.8
#2	27528.	2644.5
#3	27529.	2686.8

Sample Name: S3 Acquired: 9/20/2019 11:48:00 Type: Cal
Method: P4-ICP2(v3395) 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	.16009	.48558	.66845	.18286	.35029	.06326	.70264	.12677
Stddev	.00039	.00198	.00405	.00057	.00080	.00494	.05822	.01191
%RSD	.24283	.40786	.60634	.31238	.22944	7.8120	8.2862	9.3986

#1	.16028	.48697	.67191	.18307	.35098	.06227	.69724	.12588
#2	.15964	.48331	.66399	.18330	.35049	.06863	.76338	.13911
#3	.16033	.48645	.66944	.18221	.34941	.05889	.64731	.11533

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	5.6342	1.1371	.14913	1.6892	.79946	.34086	2.1460	.02363
Stddev	.0571	.0053	.01379	.0168	.00124	.03213	.2051	.00208
%RSD	1.0138	.46545	9.2438	.99243	.15527	9.4257	9.5571	8.7976

#1	5.6373	1.1329	.14911	1.6929	.80089	.33936	2.1377	.02321
#2	5.5756	1.1431	.16292	1.6709	.79865	.37371	2.3551	.02589
#3	5.6897	1.1354	.13535	1.7038	.79884	.30951	1.9452	.02179

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	.99373	.24077	.50522	.42132	2.5154	.16004	2.1205	.02234
Stddev	.00387	.02164	.04054	.04053	.0245	.01270	.0147	.00188
%RSD	.38919	8.9877	8.0239	9.6206	.97509	7.9374	.69082	8.4224

#1	.99802	.24032	.50141	.41979	2.5149	.15964	2.1210	.02201
#2	.99051	.26264	.54753	.46261	2.4911	.17294	2.1056	.02437
#3	.99266	.21937	.46672	.38158	2.5402	.14754	2.1348	.02065

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	.11168	1.3743	.62795	1.1313	1.5984	.2138	35.582	736.22
Stddev	.00046	.0259	.00052	.0027	.0124	.0006	.108	83.68
%RSD	.40948	1.8829	.08352	.23386	.77605	.2951	.30330	11.367

#1	.11121	1.3859	.62793	1.1289	1.5886	.2140	35.591	736.03
#2	.11171	1.3923	.62743	1.1308	1.6124	.2131	35.685	652.63
#3	.11212	1.3446	.62848	1.1341	1.5943	.2143	35.470	820.00

Sample Name: S3 Acquired: 9/20/2019 11:48:00 Type: Cal
 Method: P4-ICP2(v3395) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	175.88
Stddev	8.36
%RSD	4.7512

#1	169.31
#2	173.05
#3	185.29

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2464.9	26846.	2635.8	132.59	2496.4
Stddev	16.2	2203.	14.4	2.88	23.1
%RSD	.65886	8.2043	.54536	2.1690	.92352

#1	2461.7	26792.	2621.6	129.33	2492.6
#2	2482.5	24670.	2635.3	133.69	2521.1
#3	2450.5	29074.	2650.4	134.75	2475.4

Sample Name: S4 Acquired: 9/20/2019 11:52:05 Type: Cal
Method: P4-ICP2(v3395) 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	.32663	.98536	1.3576	.36828	.71117	.12544	1.3715	.25241
Stddev	.00197	.00247	.0019	.00047	.00113	.00028	.0083	.00055
%RSD	.60417	.25051	.14107	.12767	.15921	.22231	.60617	.21759

#1	.32878	.98608	1.3597	.36882	.71239	.12518	1.3626	.25237
#2	.32491	.98261	1.3559	.36801	.71097	.12540	1.3791	.25298
#3	.32621	.98738	1.3572	.36800	.71016	.12573	1.3727	.25189

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	11.682	2.2583	.29331	3.4914	1.5632	.66560	4.2304	.04700
Stddev	.011	.0141	.00090	.0037	.0056	.00252	.0050	.00022
%RSD	.09466	.62469	.30719	.10598	.35601	.37797	.11814	.47589

#1	11.693	2.2423	.29257	3.4933	1.5658	.66315	4.2250	.04691
#2	11.684	2.2691	.29432	3.4938	1.5669	.66818	4.2314	.04725
#3	11.671	2.2635	.29306	3.4872	1.5568	.66547	4.2349	.04683

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0259	.47270	.99359	.83310	5.1885	.31143	4.2969	.04483
Stddev	.0013	.00041	.00454	.00109	.0041	.00072	.0102	.00023
%RSD	.06638	.08722	.45667	.13114	.07836	.23231	.23783	.51249

#1	2.0272	.47293	.98849	.83274	5.1929	.31199	4.3087	.04485
#2	2.0261	.47223	.99717	.83433	5.1848	.31169	4.2904	.04460
#3	2.0245	.47295	.99512	.83223	5.1880	.31061	4.2916	.04505

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	.23308	2.7067	1.2873	2.2431	2.9258	.4518	71.029	716.12
Stddev	.00008	.0130	.0012	.0045	.0175	.0014	.435	6.96
%RSD	.03610	.47844	.09557	.19928	.59857	.3186	.61212	.97228

#1	.23314	2.6928	1.2875	2.2423	2.9065	.4506	70.571	714.35
#2	.23298	2.7088	1.2859	2.2390	2.9304	.4513	71.435	723.80
#3	.23311	2.7185	1.2884	2.2479	2.9406	.4534	71.082	710.22

Sample Name: S4 Acquired: 9/20/2019 11:52:05 Type: Cal
Method: P4-ICP2(v3395) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	165.76
Stddev	13.35
%RSD	8.0559

#1	176.32
#2	150.75
#3	170.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2350.2	26180.	2580.1	129.90	2327.4
Stddev	9.1	45.	8.6	1.29	5.1
%RSD	.38628	.17059	.33355	.99375	.21940

#1	2342.5	26224.	2590.0	131.16	2323.0
#2	2347.9	26135.	2574.5	129.97	2326.2
#3	2360.2	26181.	2575.7	128.58	2333.0

Sample Name: S5 Acquired: 9/20/2019 11:56:03 Type: Cal
Method: P4-ICP2(v3395) 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	.67117	2.0257	2.8139	.74336	1.4531	.25536	2.7825	.50298
Stddev	.00979	.0287	.0379	.01129	.0220	.00125	.0125	.00072
%RSD	1.4581	1.4163	1.3468	1.5194	1.5137	.49002	.45004	.14277

#1	.68220	2.0572	2.8560	.75611	1.4784	.25396	2.7701	.50365
#2	.66352	2.0010	2.7824	.73464	1.4379	.25637	2.7951	.50306
#3	.66780	2.0190	2.8033	.73931	1.4431	.25576	2.7823	.50222

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	24.324	4.5837	.58464	7.2744	3.1231	1.3226	8.4844	.09538
Stddev	.333	.0019	.00179	.1040	.0488	.0022	.0047	.00071
%RSD	1.3696	.04169	.30666	1.4301	1.5629	.16693	.05575	.74693

#1	24.689	4.5854	.58564	7.3874	3.1786	1.3235	8.4898	.09469
#2	24.035	4.5842	.58572	7.1827	3.0869	1.3243	8.4825	.09611
#3	24.248	4.5816	.58257	7.2529	3.1038	1.3201	8.4809	.09533

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	4.2082	.94810	2.0061	1.6819	10.808	.62818	8.7828	.09188
Stddev	.0619	.00173	.0100	.0020	.147	.00252	.1323	.00017
%RSD	1.4717	.18266	.50033	.12084	1.3571	.40125	1.5067	.18061

#1	4.2760	.94705	1.9962	1.6796	10.970	.62589	8.9347	.09170
#2	4.1547	.95010	2.0163	1.6834	10.685	.63088	8.6923	.09190
#3	4.1939	.94716	2.0058	1.6826	10.769	.62778	8.7215	.09203

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	.49451	5.4819	2.6678	4.5385	5.8793	.9597	143.44	685.14
Stddev	.00798	.0213	.0407	.0081	.0055	.0147	.66	1.59
%RSD	1.6147	.38934	1.5269	.17874	.09417	1.536	.45971	.23221

#1	.50334	5.5026	2.7126	4.5409	5.8857	.9760	142.85	686.49
#2	.48780	5.4600	2.6329	4.5452	5.8759	.9472	143.33	685.53
#3	.49239	5.4830	2.6580	4.5295	5.8764	.9560	144.15	683.38

Sample Name: S5 Acquired: 9/20/2019 11:56:03 Type: Cal
 Method: P4-ICP2(v3395) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	171.88
Stddev	14.63
%RSD	8.5126

#1	170.88
#2	186.99
#3	157.78

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2300.4	26018.	2556.0	127.27	2208.4
Stddev	31.7	77.	17.6	1.29	27.4
%RSD	1.3800	.29561	.68822	1.0139	1.2418

#1	2263.7	26001.	2536.7	127.85	2177.6
#2	2319.3	25951.	2560.3	128.17	2230.0
#3	2318.1	26102.	2571.1	125.79	2217.7

Sample Name: ICV01 Acquired: 9/20/2019 12:06:33 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97864	.99883	.97024	.99872	.97636	2.4923	.50065
Stddev	.00387	.00224	.00156	.00404	.00177	.0238	.00499
%RSD	.39510	.22436	.16126	.40456	.18158	.95304	.99644
#1	.98308	1.0010	.96853	1.0010	.97623	2.4905	.49883
#2	.97680	.99904	.97060	1.0011	.97820	2.4695	.49682
#3	.97604	.99649	.97160	.99406	.97466	2.5169	.50629
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48553	.47229	10.132	.49223	.48300	.51149	5.0314
Stddev	.00114	.00135	.022	.00051	.00031	.00065	.0119
%RSD	.23489	.28641	.21661	.10353	.06409	.12624	.23644
#1	.48685	.47080	10.156	.49193	.48328	.51075	5.0355
#2	.48488	.47344	10.113	.49194	.48267	.51195	5.0180
#3	.48487	.47262	10.127	.49282	.48305	.51177	5.0406
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50551	5.9033	.48632	.49852	9.8626	.48467	.95486
Stddev	.00089	.0323	.00143	.00029	.0163	.00115	.00381
%RSD	.17604	.54795	.29337	.05903	.16560	.23643	.39893
#1	.50486	5.8971	.48785	.49879	9.8531	.48509	.95050
#2	.50515	5.9383	.48611	.49821	9.8532	.48338	.95751
#3	.50653	5.8745	.48502	.49855	9.8814	.48555	.95658
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9300	2.4698	2.4604	F .00513	2.3408	2.3739	2.4515
Stddev	.0150	.0114	.0139	.00231	.0046	.0041	.0067
%RSD	.15093	.46045	.56405	45.017	.19595	.17224	.27507
#1	9.9162	2.4586	2.4554	.00740	2.3401	2.3781	2.4592
#2	9.9460	2.4813	2.4497	.00279	2.3457	2.3737	2.4489
#3	9.9280	2.4693	2.4761	.00519	2.3365	2.3699	2.4464

Sample Name: ICV01 Acquired: 9/20/2019 12:06:33 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01220	F .0027	F .00601	F 1.8872	F<.00000
Stddev	.00986	.0019	.00013	.1232	2.8508
%RSD	80.835	69.50	2.0901	6.5261	29.631
#1	-.01184	.0025	.00612	1.8053	-7.0133
#2	-.02223	.0046	.00587	2.0288	-12.665
#3	-.00252	.0009	.00604	1.8275	-9.1852
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2490.9	27740.	2681.7	137.78	2563.9
Stddev	12.5	53.	12.6	1.66	12.8
%RSD	.50086	.19261	.47131	1.2016	.50035
#1	2504.6	27682.	2670.7	139.63	2578.5
#2	2480.3	27748.	2678.9	136.43	2554.4
#3	2487.7	27788.	2695.5	137.27	2558.7

Sample Name: LLICV01 Acquired: 9/20/2019 12:10:39 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02186	.04071	.01132	.02165	.05277	.09071	.11329
Stddev	.00270	.00090	.00093	.00213	.00218	.01135	.00253
%RSD	12.363	2.2122	8.1878	9.8523	4.1297	12.515	2.2350

#1	.02282	.04175	.01238	.02275	.05268	.10339	.11433
#2	.01880	.04018	.01090	.02301	.05499	.08151	.11513
#3	.02394	.04019	.01067	.01919	.05064	.08721	.11040

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00671	.00614	2.1368	.01122	.03068	.02132	.10857
Stddev	.00010	.00004	.0004	.00014	.00029	.00048	.00023
%RSD	1.5583	.64723	.01760	1.2098	.95873	2.2742	.21426

#1	.00680	.00616	2.1369	.01132	.03094	.02188	.10834
#2	.00659	.00609	2.1371	.01127	.03075	.02098	.10880
#3	.00673	.00616	2.1364	.01107	.03036	.02111	.10858

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02350	2.1321	.04157	.01097	2.0680	.04183	.03821
Stddev	.00007	.0413	.00052	.00031	.0098	.00035	.00016
%RSD	.28441	1.9368	1.2490	2.8455	.47591	.82853	.41889

#1	.02344	2.1409	.04115	.01068	2.0616	.04152	.03825
#2	.02348	2.0872	.04215	.01093	2.0632	.04177	.03835
#3	.02357	2.1684	.04141	.01130	2.0794	.04220	.03804

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0607	.21367	.09661	F .01386	.43583	.03776	.04185
Stddev	.0532	.00102	.01036	.00368	.00257	.00043	.00256
%RSD	2.5806	.47820	10.726	26.546	.59018	1.1388	6.1232

#1	2.0488	.21482	.10590	.00999	.43874	.03773	.04424
#2	2.1188	.21333	.08543	.01731	.43387	.03820	.03914
#3	2.0144	.21286	.09850	.01427	.43487	.03734	.04216

Sample Name: LLICV01 Acquired: 9/20/2019 12:10:39 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01692	.0208	.02128	F 1.9503	F<.00000
Stddev	.00484	.0012	.00004	.1039	.53185
%RSD	28.630	5.717	.17393	5.3260	86.833

#1	.01240	.0217	.02132	2.0446	-.28002
#2	.01632	.0194	.02126	1.9674	-1.2259
#3	.02203	.0211	.02125	1.8390	-.33156

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2494.7	27545.	2670.1	140.48	2641.7
Stddev	6.9	59.	12.0	1.76	6.7
%RSD	.27752	.21560	.45013	1.2548	.25550

#1	2487.0	27478.	2657.8	142.09	2634.0
#2	2496.9	27567.	2670.8	140.74	2645.2
#3	2500.4	27591.	2681.8	138.60	2646.1

Sample Name: ICB01 Acquired: 9/20/2019 12:15:04 Type: Unk
Method: P4-ICP2(v3395) 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	.00148	-.00119	-.00125	-.00389	-.00250	-.00808	.00573	.00010
Stddev	.00626	.00189	.00052	.00199	.00280	.00448	.00115	.00003
%RSD	423.09	159.34	41.146	51.027	111.91	55.425	20.132	34.740
#1	.00455	.00084	-.00123	-.00296	-.00529	-.00554	.00661	.00006
#2	-.00572	-.00150	-.00178	-.00617	.00030	-.01326	.00442	.00011
#3	.00561	-.00290	-.00075	-.00254	-.00251	-.00545	.00615	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.02522	.00061	.00009	-.00017	-.00253	.00022	.05134
Stddev	.00010	.01115	.00047	.00016	.00094	.00028	.00007	.01623
%RSD	325.49	44.199	76.182	179.64	543.30	11.050	29.655	31.620
#1	.00013	.03327	.00081	.00008	-.00098	-.00249	.00017	.04480
#2	-.00007	.01250	.00096	-.00007	.00086	-.00227	.00020	.03939
#3	.00004	.02990	.00008	.00026	-.00040	-.00283	.00029	.06982
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	-.00031	-.03792	-.00035	-.00009	.00709	.00009	-.00993
Stddev	.00036	.00047	.00186	.00038	.00012	.00471	.00037	.00810
%RSD	145.15	155.70	4.9048	108.41	123.44	66.369	411.30	81.629
#1	.00067	-.00042	-.03593	-.00068	-.00021	.00375	.00014	-.01810
#2	-.00001	.00022	-.03961	-.00042	.00002	.00505	.00043	-.00978
#3	.00009	-.00072	-.03824	.00006	-.00009	.01248	-.00031	-.00189
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00170	.00040	-.00066	.00362	-.00891	.0001	.00007	F 1.8789
Stddev	.00004	.00108	.00062	.00119	.00698	.0006	.00011	.0599
%RSD	2.5821	273.67	93.905	33.007	78.402	773.6	163.40	3.1888
#1	-.00166	.00121	.00005	.00225	-.00606	-.0002	.00020	1.9479
#2	-.00170	.00081	-.00096	.00414	-.00380	.0008	.00001	1.8403
#3	-.00175	-.00083	-.00107	.00446	-.01686	-.0003	-.00001	1.8484

Sample Name: ICB01 Acquired: 9/20/2019 12:15:04 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.3793
Stddev	3.3523
%RSD	243.04

#1	4.6245
#2	1.5841
#3	-2.0706

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2426.4	27699.	2647.9	140.30	2581.9
Stddev	82.3	128.	15.9	1.95	88.5
%RSD	3.3932	.46243	.60089	1.3887	3.4276

#1	2467.4	27579.	2629.5	140.18	2622.3
#2	2331.6	27834.	2656.1	142.31	2480.4
#3	2480.2	27684.	2658.0	138.42	2642.9

Sample Name: CRI01 Acquired: 9/20/2019 12:19:32 Type: Unk
Method: P4-ICP2(v3395) 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	.01596	.04184	.01273	.01960	.05226	.10031	.10689	.00661
Stddev	.00094	.00166	.00046	.00292	.00085	.01870	.00349	.00007
%RSD	5.8625	3.9623	3.6456	14.909	1.6311	18.647	3.2696	1.0697
#1	.01630	.03993	.01318	.01802	.05128	.10782	.10384	.00653
#2	.01490	.04272	.01277	.01781	.05275	.11408	.10611	.00661
#3	.01667	.04287	.01225	.02297	.05277	.07901	.11070	.00667
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00613	2.1428	.01088	.03043	.02193	.10771	.02334	2.1448
Stddev	.00006	.0139	.00048	.00019	.00031	.00046	.00010	.0382
%RSD	.97802	.64727	4.3741	.63292	1.4241	.42991	.44279	1.7808
#1	.00620	2.1421	.01069	.03026	.02229	.10718	.02328	2.1765
#2	.00610	2.1570	.01142	.03064	.02170	.10801	.02327	2.1024
#3	.00609	2.1293	.01052	.03037	.02181	.10794	.02346	2.1556
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04191	.01067	2.0502	.04127	.03797	2.0632	.21340	.09089
Stddev	.00038	.00010	.0120	.00046	.00014	.0213	.00131	.00179
%RSD	.89992	.90233	.58482	1.1041	.35973	1.0342	.61549	1.9713
#1	.04158	.01077	2.0464	.04092	.03791	2.0579	.21193	.09296
#2	.04185	.01058	2.0407	.04179	.03788	2.0450	.21445	.08978
#3	.04232	.01064	2.0637	.04110	.03813	2.0867	.21383	.08994
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01525	.43354	.03704	.04474	F .00454	.0175	.02134	F 1.6897
Stddev	.00578	.00388	.00071	.00109	.00663	.0016	.00020	.5834
%RSD	37.921	.89580	1.9085	2.4475	146.12	9.154	.95744	34.526
#1	.00860	.43800	.03628	.04594	.01170	.0174	.02146	1.7216
#2	.01806	.43094	.03768	.04446	.00329	.0160	.02111	1.0911
#3	.01909	.43167	.03716	.04381	-.00138	.0192	.02147	2.2566

Sample Name: CRI01 Acquired: 9/20/2019 12:19:32 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3727
Stddev 1.2972
%RSD 54.673

#1 1.9997
#2 3.8156
#3 1.3028

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2478.5	27655.	2668.2	142.81	2635.5
Stddev	3.3	92.	17.8	.70	7.8
%RSD	.13383	.33270	.66654	.48698	.29529

#1	2477.4	27609.	2649.8	142.02	2628.6
#2	2482.2	27761.	2669.4	143.08	2644.0
#3	2475.8	27595.	2685.3	143.33	2633.9

Sample Name: ICSA01 Acquired: 9/20/2019 12:23:58 Type: Unk
Method: P4-ICP2(v3395) 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	.01195	.02158	-.00214	.00879	.00684	262.51	.01501	.00000
Stddev	.00164	.00218	.00225	.00330	.00237	20.28	.02020	.00011
%RSD	13.727	10.100	105.14	37.535	34.664	7.7269	134.59	15110.
#1	.01010	.02205	-.00258	.01064	.00776	271.71	.02835	.00011
#2	.01253	.01920	.00030	.01074	.00415	276.55	.02492	-.00001
#3	.01323	.02348	-.00414	.00498	.00862	239.25	-.00823	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00372	247.80	.04860	-.00125	.00256	92.370	.01242	255.54
Stddev	.00015	.75	.00379	.00027	.00265	7.117	.00106	19.30
%RSD	4.1221	.30423	7.7968	21.951	103.39	7.7052	8.5392	7.5530
#1	.00383	247.11	.05118	-.00094	.00024	96.564	.01288	264.91
#2	.00355	247.69	.05038	-.00146	.00200	96.393	.01316	268.38
#3	.00378	248.61	.04425	-.00136	.00544	84.152	.01120	233.35
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01010	-.00345	-.00992	.00364	-.01339	-.00192	.00080	.07489
Stddev	.00035	.00039	.00279	.00096	.00176	.03971	.00032	.00893
%RSD	3.5023	11.202	28.103	26.506	13.149	2063.7	39.616	11.921
#1	-.00973	-.00389	-.01036	.00458	-.01456	.01693	.00076	.07759
#2	-.01043	-.00327	-.00694	.00265	-.01425	.02484	.00113	.08216
#3	-.01015	-.00319	-.01247	.00368	-.01137	-.04755	.00050	.06493
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00182	-.00058	.00353	-.00287	F .03048	.0085	-.00133	4.3098
Stddev	.00622	.00146	.00130	.00060	.00184	.0028	.00848	1.8579
%RSD	341.98	252.36	36.887	20.970	6.0435	33.10	636.11	43.109
#1	-.00451	.00045	.00449	-.00328	.02888	.0111	-.00594	5.2707
#2	.00529	.00006	.00406	-.00218	.03008	.0091	-.00651	5.4904
#3	-.00623	-.00225	.00205	-.00316	.03250	.0055	.00845	2.1682

Sample Name: ICSA01 Acquired: 9/20/2019 12:23:58 Type: Unk
 Method: P4-ICP2(v3395) 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	4.0245
%RSD	2.0264

#1	-202.74
#2	-198.36
#3	-194.71

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2296.1	26537.	2580.6	130.84	2167.2
Stddev	15.6	2234.	14.2	1.92	17.4
%RSD	.67936	8.4168	.55035	1.4689	.80481

#1	2314.1	25318.	2564.2	128.88	2187.0
#2	2287.6	25178.	2589.7	130.92	2154.2
#3	2286.6	29115.	2587.8	132.72	2160.3

Sample Name: ICSAB01 Acquired: 9/20/2019 12:28:37 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11204	.12249	.05223	.06181	.61414	268.48	.55085
Stddev	.00613	.00276	.00228	.00406	.00428	1.66	.00143
%RSD	5.4711	2.2516	4.3616	6.5745	.69637	.61699	.25946

#1	.11906	.12566	.05025	.05842	.61898	266.87	.55002
#2	.10774	.12111	.05170	.06632	.61253	268.41	.55003
#3	.10931	.12069	.05472	.06070	.61090	270.18	.55250

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52702	.99633	242.71	.54743	.49899	.49770	95.005
Stddev	.00124	.01574	.95	.00223	.00537	.00590	.315
%RSD	.23544	1.5798	.39062	.40672	1.0754	1.1858	.33120

#1	.52710	1.0133	241.90	.55000	.50517	.50451	95.351
#2	.52574	.99362	242.48	.54611	.49558	.49406	94.736
#3	.52822	.98213	243.75	.54619	.49621	.49453	94.928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52242	262.08	.98224	.20464	-.00153	.50737	1.0328
Stddev	.00097	1.24	.01104	.00053	.00613	.00094	.0164
%RSD	.18530	.47422	1.1240	.25779	401.85	.18542	1.5927

#1	.52229	261.11	.99499	.20524	-.00812	.50636	1.0498
#2	.52152	261.65	.97574	.20444	-.00048	.50755	1.0316
#3	.52345	263.48	.97599	.20424	.00401	.50821	1.0170

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01652	1.0197	1.1274	F .00377	.91786	1.0218	.97439
Stddev	.01736	.0116	.0048	.00535	.01264	.0113	.00577
%RSD	105.06	1.1359	.42571	142.11	1.3774	1.1031	.59259

#1	-.01111	1.0330	1.1246	.00006	.90428	1.0348	.96816
#2	-.00252	1.0119	1.1329	.00134	.92003	1.0148	.97955
#3	-.03594	1.0142	1.1246	.00990	.92929	1.0157	.97548

Sample Name: ICSAB01 Acquired: 9/20/2019 12:28:37 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .02847	F .0175	F -.00610	5.4369	<.00000
Stddev	.00089	.0047	.00062	.4152	4.5843
%RSD	3.1250	27.12	10.199	7.6369	2.3672
#1	.02940	.0123	-.00682	4.9893	-191.02
#2	.02763	.0187	-.00579	5.5119	-191.00
#3	.02839	.0215	-.00570	5.8095	-198.95
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2273.3	25331.	2585.6	129.82	2154.4
Stddev	34.4	38.	4.0	2.37	32.7
%RSD	1.5113	.14880	.15639	1.8263	1.5183
#1	2238.3	25291.	2580.9	127.09	2119.6
#2	2274.5	25366.	2587.8	130.97	2159.2
#3	2307.0	25336.	2588.1	131.39	2184.5

Sample Name: CCV01 Acquired: 9/20/2019 12:33:02 Type: Unk
Method: P4-ICP2(v3395) 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	4.7998	4.8266	4.7879	4.8819	4.8747	9.8486	9.6400	.24403
Stddev	.0135	.0152	.0024	.0062	.0166	.0297	.0186	.00033
%RSD	.28103	.31397	.05013	.12735	.34128	.30158	.19255	.13570
#1	4.7950	4.8438	4.7882	4.8887	4.8809	9.8746	9.6606	.24366
#2	4.8150	4.8150	4.7901	4.8803	4.8873	9.8551	9.6246	.24411
#3	4.7893	4.8211	4.7854	4.8766	4.8558	9.8162	9.6349	.24431
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3909	25.494	.95731	2.3832	1.2231	4.8459	2.4768	24.197
Stddev	.0064	2.391	.00319	.0085	.0017	.0083	.0035	.157
%RSD	.26584	9.3767	.33272	.35529	.14051	.17108	.14272	.64736
#1	2.3980	28.232	.96076	2.3915	1.2222	4.8544	2.4728	24.372
#2	2.3886	23.818	.95448	2.3834	1.2251	4.8454	2.4793	24.150
#3	2.3859	24.434	.95670	2.3746	1.2220	4.8378	2.4783	24.069
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3800	1.2024	24.117	2.4229	2.3821	24.364	4.8542	4.9254
Stddev	.0041	.0022	.052	.0032	.0063	.084	.0029	.0146
%RSD	.17296	.17990	.21494	.13199	.26492	.34545	.06083	.29692
#1	2.3843	1.2045	24.177	2.4194	2.3890	24.386	4.8569	4.9370
#2	2.3797	1.2002	24.089	2.4256	2.3806	24.435	4.8510	4.9090
#3	2.3760	1.2024	24.085	2.4237	2.3766	24.271	4.8547	4.9302
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7952	5.1950	F 4.7421	5.0370	5.1439	4.852	5.0688	F 3.3160
Stddev	.0186	.4736	.0167	.4778	.5233	.005	.5029	.1137
%RSD	.38876	9.1158	.35168	9.4848	10.174	.1044	9.9217	3.4297
#1	4.8011	5.7349	4.7611	5.5803	5.7418	4.853	5.6434	3.4386
#2	4.7744	4.8499	4.7351	4.6825	4.7693	4.847	4.7086	3.2138
#3	4.8102	5.0002	4.7301	4.8482	4.9205	4.857	4.8545	3.2958

Sample Name: CCV01 Acquired: 9/20/2019 12:33:02 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .65759
Stddev 1.9741
%RSD 300.20

#1 -1.3521
#2 .73096
#3 2.5940

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2399.6	26814.	2534.6	130.93	2392.6
Stddev	4.9	75.	238.0	10.63	7.3
%RSD	.20377	.27900	9.3898	8.1173	.30370

#1	2395.4	26727.	2263.4	119.07	2384.5
#2	2398.3	26858.	2708.9	139.59	2394.8
#3	2405.0	26855.	2631.3	134.13	2398.5

Sample Name: LLCCV01 Acquired: 9/20/2019 12:37:01 Type: Unk
Method: P4-ICP2(v3395) 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	.01933	.04047	.01200	.02037	.04908	.09411	.09480	.00615
Stddev	.00269	.00012	.00129	.00215	.00232	.01601	.00675	.00007
%RSD	13.934	.29503	10.714	10.540	4.7211	17.009	7.1203	1.1867
#1	.01630	.04041	.01277	.02088	.04776	.07673	.08747	.00617
#2	.02146	.04061	.01052	.02221	.04772	.10826	.09618	.00620
#3	.02023	.04039	.01272	.01801	.05176	.09733	.10076	.00606
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00595	2.0266	.01007	.02897	.02079	.10008	.02215	2.0283
Stddev	.00009	.0034	.00038	.00029	.00057	.00148	.00028	.0246
%RSD	1.4866	.17012	3.7358	1.0097	2.7200	1.4801	1.2850	1.2119
#1	.00588	2.0258	.01027	.02865	.02144	.09843	.02184	2.0022
#2	.00591	2.0236	.01031	.02922	.02040	.10129	.02239	2.0510
#3	.00605	2.0304	.00964	.02904	.02053	.10051	.02223	2.0316
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03969	.01035	1.9283	.03922	.03875	1.9208	.20559	.08807
Stddev	.00028	.00044	.0396	.00062	.00024	.0262	.00107	.00539
%RSD	.70632	4.2964	2.0565	1.5803	.61654	1.3642	.51978	6.1236
#1	.03973	.00983	1.8851	.03852	.03858	1.8922	.20560	.09003
#2	.03995	.01059	1.9364	.03971	.03903	1.9268	.20666	.08197
#3	.03939	.01062	1.9632	.03942	.03866	1.9435	.20452	.09221
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01390	.38490	.03556	.04280	.01604	.0207	.02024	F 2.1811
Stddev	.00340	.00279	.00032	.00132	.00490	.0006	.00006	.2450
%RSD	24.453	.72469	.89187	3.0902	30.519	2.977	.28548	11.231
#1	.01781	.38636	.03563	.04433	.01566	.0200	.02027	1.9352
#2	.01172	.38666	.03521	.04203	.02112	.0209	.02017	2.4251
#3	.01216	.38169	.03583	.04205	.01135	.0212	.02027	2.1829

Sample Name: LLCCV01 Acquired: 9/20/2019 12:37:01 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.0898
 Stddev 2.1391
 %RSD 102.36

#1 .08908
 #2 1.8358
 #3 4.3446

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.7	27812.	2660.3	142.21	2635.3
Stddev	17.4	246.	20.0	.74	17.2
%RSD	.70194	.88499	.75266	.51928	.65218

#1	2469.6	28090.	2640.6	141.59	2630.5
#2	2499.8	27625.	2659.7	142.01	2654.4
#3	2469.7	27720.	2680.6	143.03	2621.0

Sample Name: CCB01 Acquired: 9/20/2019 12:41:30 Type: Unk
 Method: P4-ICP2(v3395) 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	.00171	-.00098	-.00089	-.00043	-.00168	-.00885	.00751	.00004
Stddev	.00305	.00089	.00013	.00356	.00198	.01745	.00306	.00007
%RSD	178.40	90.671	14.815	827.94	118.01	197.11	40.806	149.44
#1	.00008	.00004	-.00080	.00030	-.00395	-.01723	.00953	-.00000
#2	.00523	-.00138	-.00104	.00271	-.00077	.01120	.00902	.00012
#3	-.00018	-.00161	-.00084	-.00430	-.00031	-.02052	.00398	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00571	.00028	.00018	-.00059	-.00122	.00022	.05113
Stddev	.00006	.00827	.00055	.00023	.00020	.00042	.00006	.04560
%RSD	45.586	144.94	195.73	127.64	33.938	34.721	29.183	89.172
#1	.00011	.00173	-.00032	-.00004	-.00040	-.00170	.00020	.06280
#2	.00020	.00018	.00075	.00042	-.00057	-.00088	.00029	.08976
#3	.00008	.01522	.00041	.00017	-.00080	-.00110	.00017	.00084
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	-.00035	-.05117	-.00080	-.00027	-.03556	-.00025	-.01825
Stddev	.00010	.00048	.00894	.00025	.00012	.01452	.00048	.00931
%RSD	26.259	139.33	17.477	32.030	44.137	40.829	195.49	51.022
#1	.00043	-.00025	-.06147	-.00074	-.00018	-.02001	.00027	-.01471
#2	.00045	-.00087	-.04669	-.00107	-.00041	-.04877	-.00069	-.02882
#3	.00027	.00008	-.04535	-.00057	-.00023	-.03790	-.00032	-.01123
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00114	-.00155	.00261	-.00549	-.0003	.00008	F 2.4719
Stddev	.00126	.00363	.00043	.00246	.00884	.0013	.00009	.1273
%RSD	5923.3	319.61	27.851	94.562	161.06	440.3	110.87	5.1498
#1	.00131	.00186	-.00167	.00413	.00471	-.0018	.00013	2.5357
#2	-.00017	-.00517	-.00107	-.00024	-.01029	.0005	-.00002	2.3253
#3	-.00120	-.00009	-.00191	.00392	-.01088	.0004	.00013	2.5547

Sample Name: CCB01 Acquired: 9/20/2019 12:41:30 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.9213
Stddev	2.0569
%RSD	52.455

#1	6.2879
#2	2.9116
#3	2.5643

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2488.2	27419.	2622.3	139.80	2652.1
Stddev	21.6	123.	19.5	1.26	22.1
%RSD	.86757	.44714	.74282	.89840	.83170

#1	2480.1	27378.	2606.4	138.80	2642.5
#2	2512.7	27322.	2616.4	139.39	2677.3
#3	2471.9	27557.	2644.0	141.21	2636.4

Sample Name: LR CHECK 1 Acquired: 9/20/2019 12:47:58 Type: Unk
Method: P4-ICP2(v3395) 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	.17338	.13963	-.02223	-.15425	.05912	1801.5	.05728	.03224
Stddev	.00875	.00308	.00429	.00804	.00563	22.5	.00457	.00039
%RSD	5.0455	2.2079	19.287	5.2130	9.5200	1.2514	7.9866	1.2204

#1	.16554	.14226	-.01809	-.14545	.06237	1798.9	.06253	.03199
#2	.18281	.14040	-.02194	-.16122	.05262	1780.4	.05417	.03204
#3	.17179	.13624	-.02665	-.15606	.06237	1825.3	.05514	.03269

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09760	1706.0	.01471	.07117	.15167	898.04	-.02094	1724.6
Stddev	.00081	76.2	.00119	.00063	.00131	2.84	.00029	11.6
%RSD	.83375	4.4658	8.1019	.87843	.86219	.31655	1.4013	.67478

#1	.09849	1790.6	.01498	.07185	.15020	901.30	-.02112	1737.0
#2	.09740	1684.6	.01340	.07105	.15271	896.71	-.02060	1713.9
#3	.09690	1642.8	.01574	.07061	.15209	896.10	-.02110	1722.9

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04878	-.13370	1725.5	.01665	.04941	1015.6	.00660	.08504
Stddev	.00130	.00172	24.5	.00097	.00109	9.1	.00079	.01074
%RSD	2.6557	1.2890	1.4206	5.8331	2.2063	.89531	11.949	12.625

#1	.05027	-.13257	1706.7	.01736	.04859	1021.6	.00590	.07383
#2	.04818	-.13568	1716.6	.01555	.04900	1019.9	.00745	.09523
#3	.04789	-.13284	1753.2	.01706	.05065	1005.1	.00645	.08604

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34148	.02022	.02898	-.06587	.27556	.1584	-.97893	<.00000
Stddev	.01700	.00686	.00274	.00449	.01969	.0003	.00254	.46425
%RSD	4.9775	33.949	9.4695	6.8093	7.1456	.1662	.25900	5.0782

#1	.33126	.02813	.02881	-.06879	.29814	.1581	-.98185	-8.7175
#2	.36110	.01664	.03180	-.06811	.26651	.1586	-.97753	-9.6377
#3	.33209	.01587	.02632	-.06070	.26201	.1586	-.97739	-9.0705

Sample Name: LR CHECK 1 Acquired: 9/20/2019 12:47:58 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 5.4312
%RSD .14683

#1 -3697.2
#2 -3705.0
#3 -3694.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1917.4	21090.	2366.5	114.75	1405.5
Stddev	6.3	26.	97.5	5.13	4.4
%RSD	.32989	.12366	4.1181	4.4667	.31580

#1	1924.7	21065.	2264.1	108.99	1410.5
#2	1913.6	21117.	2377.5	116.49	1403.6
#3	1913.8	21087.	2458.0	118.79	1402.3

Sample Name: LR CHECK 2 Acquired: 9/20/2019 12:53:02 Type: Unk
Method: P4-ICP2(v3395) 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	-.01721	.01000	274.98	.04553	-.04687	2.3692	107.51	-.00231
Stddev	.00277	.00178	2.28	.00166	.00132	.0296	1.04	.00002
%RSD	16.111	17.798	.82779	3.6382	2.8100	1.2498	.96774	.76700

#1	-.01401	.00877	277.40	.04365	-.04795	2.4020	107.85	-.00230
#2	-.01878	.00919	274.66	.04678	-.04541	2.3612	106.34	-.00229
#3	-.01884	.01204	272.88	.04617	-.04726	2.3444	108.34	-.00233

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01135	.50502	-.12611	.00686	245.10	-.69867	48.971	.02908
Stddev	.00005	.04510	.00152	.00046	3.33	.01540	.292	.06946
%RSD	.44932	8.9313	1.2051	6.7043	1.3582	2.2046	.59566	238.90

#1	-.01139	.55706	-.12763	.00638	241.26	-.68114	49.169	.06560
#2	-.01138	.48075	-.12610	.00730	246.83	-.70486	48.636	.07266
#3	-.01130	.47725	-.12460	.00689	247.21	-.71001	49.108	-.05103

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.702	.00362	.86206	-.12449	32.814	.93306	-.00538	-.01587
Stddev	.152	.00085	.02860	.00166	.228	.02751	.00042	.01105
%RSD	.27788	23.565	3.3172	1.3371	.69519	2.9479	7.7678	69.626

#1	54.778	.00394	.88920	-.12361	33.046	.94912	-.00586	-.02671
#2	54.800	.00426	.86478	-.12345	32.805	.94876	-.00510	-.00462
#3	54.527	.00265	.83220	-.12641	32.590	.90130	-.00518	-.01628

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07004	.01949	-.00050	.00802	.00241	.5224	.00134	3.5703
Stddev	.00418	.00174	.00083	.00266	.00822	.0071	.00008	.1898
%RSD	5.9630	8.9466	163.91	33.115	341.39	1.366	5.7135	5.3174

#1	.06537	.02013	.00045	.00800	-.00247	.5155	.00128	3.7201
#2	.07343	.02082	-.00093	.00538	-.00221	.5298	.00132	3.6339
#3	.07130	.01751	-.00103	.01069	.01190	.5218	.00143	3.3568

Sample Name: LR CHECK 2 Acquired: 9/20/2019 12:53:02 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 55.575
 Stddev 1.845
 %RSD 3.3207

#1 56.635
 #2 53.444
 #3 56.646

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2202.6	27927.	2663.0	139.26	2497.3
Stddev	7.9	209.	14.1	.54	4.5
%RSD	.35733	.74770	.52845	.38893	.17910

#1	2206.8	27743.	2647.0	139.68	2495.0
#2	2193.5	28154.	2668.6	138.65	2494.5
#3	2207.5	27885.	2673.5	139.46	2502.5

Sample Name: K4944-02DLX10 Acquired: 9/20/2019 13:02:12 Type: Unk
Method: P4-ICP2(v3395) 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	-.00064	-.00137	.00281	.00283	-.00319	-.00210	.01243	.00018
Stddev	.00293	.00103	.00045	.00165	.00157	.00836	.00089	.00007
%RSD	461.36	74.631	15.860	58.539	49.148	397.40	7.1947	39.080

#1	.00038	-.00121	.00260	.00295	-.00335	-.00023	.01192	.00022
#2	.00165	-.00247	.00251	.00111	-.00155	-.01125	.01191	.00022
#3	-.00394	-.00044	.00332	.00441	-.00468	.00516	.01346	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	14.141	.32593	.00041	.00001	.00733	.00562	1.2582
Stddev	.00005	.140	.00168	.00018	.00025	.00186	.00009	.0248
%RSD	85.825	.98993	.51430	44.589	2825.7	25.448	1.6810	1.9693

#1	.00010	13.981	.32531	.00034	.00026	.00893	.00573	1.2866
#2	.00000	14.241	.32464	.00062	.00002	.00528	.00554	1.2471
#3	.00009	14.201	.32782	.00028	-.00025	.00776	.00560	1.2408

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00600	-.00052	27.546	.00026	.00229	.29481	-.00036	-.00889
Stddev	.00028	.00058	.262	.00017	.00024	.04106	.00020	.00262
%RSD	4.6960	112.94	.94987	66.515	10.502	13.929	57.138	29.427

#1	.00568	-.00119	27.251	.00025	.00220	.26559	-.00029	-.00863
#2	.00613	-.00014	27.751	.00044	.00257	.34176	-.00059	-.01163
#3	.00620	-.00022	27.637	.00009	.00211	.27708	-.00019	-.00642

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20207	.22207	-.00138	.00210	-.00258	.0001	.02964	2.5246
Stddev	.00497	.00242	.00075	.00231	.00391	.0014	.00007	.2545
%RSD	2.4594	1.0886	54.389	109.95	151.36	2218.	.24738	10.082

#1	.20775	.21952	-.00141	.00110	-.00658	-.0001	.02958	2.3200
#2	.19994	.22433	-.00062	.00046	.00123	.0015	.02962	2.4442
#3	.19852	.22237	-.00212	.00475	-.00239	-.0012	.02972	2.8096

Sample Name: K4944-02DLX10 Acquired: 9/20/2019 13:02:12 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.2226
 Stddev 2.5291
 %RSD 78.478

#1 5.3827
 #2 .44060
 #3 3.8446

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2470.5	27422.	2678.8	143.19	2591.9
Stddev	12.9	54.	12.8	1.61	13.7
%RSD	.52400	.19676	.47781	1.1237	.52930

#1	2459.5	27450.	2675.7	143.06	2580.7
#2	2467.3	27455.	2692.9	144.86	2587.9
#3	2484.8	27359.	2667.9	141.65	2607.2

Sample Name: K4962-01 Acquired: 9/20/2019 13:06:36 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TH-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16623	.00803	.31395	.00300	.00094	198.99	1.1705
Stddev	.00233	.00179	.00134	.00630	.00043	1.27	.0102
%RSD	1.4039	22.268	.42563	209.76	45.728	.64043	.87171

#1	.16861	.00962	.31337	.00263	.00045	197.55	1.1616
#2	.16395	.00609	.31299	-.00310	.00110	199.48	1.1683
#3	.16612	.00839	.31547	.00947	.00126	199.95	1.1817

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01913	.02762	9.8895	.28808	.34335	.26315	343.01
Stddev	.00025	.00024	.0135	.00200	.00076	.00025	.95
%RSD	1.2871	.85995	.13671	.69414	.22149	.09677	.27562

#1	.01895	.02787	9.8898	.28896	.34266	.26329	341.92
#2	.01941	.02759	9.8758	.28579	.34322	.26286	343.51
#3	.01903	.02740	9.9028	.28948	.34416	.26331	343.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.778	84.333	.50035	-.01872	1.2050	.45707	1.4080
Stddev	.010	.378	.00029	.00080	.0190	.00117	.0066
%RSD	.08898	.44763	.05856	4.2603	1.5756	.25536	.46626

#1	10.767	83.906	.50002	-.01787	1.1957	.45597	1.4009
#2	10.784	84.473	.50059	-.01885	1.2269	.45693	1.4095
#3	10.783	84.621	.50044	-.01944	1.1924	.45830	1.4138

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.747	.00341	.26476	.70213	1.9470	.01935	4.0170
Stddev	.080	.00013	.00582	.00553	.0182	.00166	.0267
%RSD	.47816	3.7438	2.1964	.78727	.93296	8.5664	.66359

#1	16.659	.00341	.27077	.70812	1.9474	.01907	4.0065
#2	16.766	.00328	.26437	.69723	1.9650	.02112	3.9972
#3	16.816	.00353	.25916	.70105	1.9287	.01784	4.0473

Sample Name: K4962-01 Acquired: 9/20/2019 13:06:36 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TH-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.42359	6.810	-.27667	<.00000	F<.00000
Stddev	.00596	.019	.00094	.08024	3.2116
%RSD	1.4068	.2755	.33846	.78285	.19497
#1	.42261	6.789	-.27571	-10.333	-1644.3
#2	.41818	6.816	-.27758	-10.173	-1646.7
#3	.42998	6.824	-.27671	-10.242	-1650.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3480.8	38595.	3853.1	138.67	2248.7
Stddev	9.2	35.	18.4	1.69	9.5
%RSD	.26327	.09098	.47779	1.2196	.42338
#1	3491.1	38630.	3833.3	137.22	2259.7
#2	3473.6	38595.	3856.3	138.26	2242.9
#3	3477.7	38560.	3869.7	140.53	2243.6

Sample Name: K4962-01DUP Acquired: 9/20/2019 13:11:09 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TH-2DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16881	.00664	.31317	.00458	.00465	203.96	1.2054
Stddev	.00445	.00067	.00272	.00378	.00242	3.63	.0283
%RSD	2.6379	10.151	.86957	82.597	52.143	1.7817	2.3508

#1	.17362	.00648	.31025	.00894	.00737	207.20	1.2330
#2	.16798	.00738	.31565	.00234	.00272	204.63	1.2070
#3	.16483	.00606	.31361	.00245	.00385	200.03	1.1764

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01985	.02799	9.8797	.29467	.34989	.26373	352.61
Stddev	.00074	.00065	.0309	.00767	.00094	.00263	7.71
%RSD	3.7436	2.3275	.31273	2.6044	.26822	.99724	2.1862

#1	.02058	.02724	9.8531	.30243	.35000	.26081	360.28
#2	.01987	.02832	9.8723	.29449	.34890	.26446	352.69
#3	.01909	.02841	9.9136	.28709	.35077	.26592	344.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.983	86.303	.50607	-.01970	1.2188	.46688	1.4173
Stddev	.309	1.602	.00222	.00025	.0119	.00712	.0049
%RSD	2.8150	1.8560	.43887	1.2902	.97643	1.5259	.34699

#1	11.297	87.914	.50432	-.01999	1.2325	.47312	1.4144
#2	10.974	86.283	.50533	-.01950	1.2106	.46841	1.4146
#3	10.679	84.711	.50857	-.01961	1.2134	.45912	1.4230

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.063	.00347	.27811	.71639	1.8541	.01985	4.0182
Stddev	.328	.00041	.01346	.00646	.0101	.00024	.0160
%RSD	1.9221	11.848	4.8395	.90228	.54232	1.2037	.39716

#1	17.350	.00301	.29048	.71376	1.8647	.02010	4.0338
#2	17.134	.00359	.28006	.72376	1.8529	.01962	4.0019
#3	16.705	.00381	.26378	.71166	1.8447	.01982	4.0191

Sample Name: K4962-01DUP Acquired: 9/20/2019 13:11:09 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TH-2DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.42293	6.910	-.28677	<.00000	F<.00000
Stddev	.00292	.019	.00833	.34997	11.290
%RSD	.69154	.2791	2.9043	3.8284	.69018
#1	.41959	6.893	-.29502	-8.7552	-1622.8
#2	.42417	6.906	-.28695	-9.2315	-1643.5
#3	.42503	6.931	-.27836	-9.4376	-1641.1
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3442.6	37413.	3815.2	137.88	2217.9
Stddev	4.3	822.	12.8	.83	1.9
%RSD	.12500	2.1958	.33506	.60408	.08390
#1	3441.4	36593.	3800.5	137.56	2219.1
#2	3439.0	37409.	3823.7	137.25	2218.7
#3	3447.3	38236.	3821.5	138.82	2215.7

Sample Name: K4962-01LX5 Acquired: 9/20/2019 13:15:43 Type: Unk
Method: P4-ICP2(v3395) 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	.05373	.00412	.06121	.00823	.00014	51.107	.30774
Stddev	.00348	.00132	.00079	.00108	.00134	.335	.00375
%RSD	6.4729	31.951	1.2915	13.124	965.78	.65524	1.2194

#1	.04976	.00544	.06210	.00916	-.00089	50.722	.30354
#2	.05625	.00281	.06095	.00705	.00166	51.267	.31077
#3	.05517	.00411	.06058	.00849	-.00035	51.332	.30892

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00360	.00438	2.6297	.07512	.06595	.06585	112.56
Stddev	.00013	.00014	.0072	.00101	.00041	.00084	.31
%RSD	3.5322	3.2001	.27320	1.3456	.62642	1.2683	.27333

#1	.00350	.00422	2.6314	.07407	.06619	.06491	112.91
#2	.00356	.00450	2.6359	.07522	.06618	.06615	112.36
#3	.00374	.00442	2.6218	.07608	.06547	.06649	112.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0122	21.949	.09477	-.00213	.34595	.11953	.25610
Stddev	.0048	.154	.00048	.00055	.00262	.00094	.00189
%RSD	.16021	.70276	.50300	25.862	.75664	.78299	.73950

#1	3.0081	21.773	.09438	-.00160	.34298	.11847	.25483
#2	3.0175	22.010	.09530	-.00210	.34792	.12022	.25827
#3	3.0111	22.062	.09462	-.00270	.34695	.11992	.25518

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3755	.00039	.09603	.14249	.60487	.00319	1.0534
Stddev	.0319	.00050	.00598	.00236	.00721	.00041	.0059
%RSD	.72951	125.81	6.2249	1.6534	1.1924	12.766	.55593

#1	4.3934	.00046	.09871	.14403	.61257	.00277	1.0474
#2	4.3386	.00085	.08918	.14367	.59827	.00358	1.0535
#3	4.3944	-.00013	.10020	.13978	.60377	.00322	1.0591

Sample Name: K4962-01LX5 Acquired: 9/20/2019 13:15:43 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09957	1.287	-.09703	1.3949	F<.00000
Stddev	.00248	.011	.00053	.4085	2.9688
%RSD	2.4885	.8204	.54878	29.287	1.1654

#1	.09812	1.281	-.09764	1.7981	-254.06
#2	.09817	1.299	-.09678	1.4052	-252.19
#3	.10243	1.280	-.09668	.98127	-258.01

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2680.2	29850.	2910.1	140.86	2492.0
Stddev	13.7	104.	14.8	1.17	14.9
%RSD	.51179	.34872	.50740	.82870	.59861

#1	2693.1	29804.	2894.0	140.90	2496.1
#2	2665.8	29778.	2913.1	139.67	2475.4
#3	2681.9	29970.	2923.1	142.01	2504.4

Sample Name: K4962-01MS Acquired: 9/20/2019 13:20:09 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TH-2MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71383	2.1170	1.3767	1.2096	.11525	215.51	1.2824
Stddev	.00800	.0088	.0018	.0033	.00254	4.43	.0305
%RSD	1.1213	.41651	.13096	.27547	2.2078	2.0551	2.3803

#1	.70604	2.1075	1.3751	1.2123	.11534	210.44	1.2471
#2	.72203	2.1187	1.3763	1.2106	.11266	217.48	1.3003
#3	.71341	2.1249	1.3787	1.2059	.11775	218.61	1.2997

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16738	.24142	11.246	.58746	.52775	.48207	334.56
Stddev	.00420	.00088	.076	.01225	.00188	.00362	9.23
%RSD	2.5089	.36328	.67937	2.0848	.35561	.75185	2.7597

#1	.16257	.24041	11.331	.57345	.52560	.48619	323.90
#2	.16923	.24196	11.183	.59281	.52859	.47936	339.62
#3	.17033	.24189	11.224	.59612	.52906	.48066	340.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5737	88.087	1.0656	.03414	3.4952	.67086	1.7220
Stddev	.1439	1.882	.0030	.00114	.0824	.01609	.0104
%RSD	1.5029	2.1365	.28461	3.3347	2.3588	2.3988	.60657

#1	9.4202	85.924	1.0622	.03285	3.4014	.65228	1.7101
#2	9.5955	88.992	1.0667	.03497	3.5283	.67982	1.7296
#3	9.7054	89.346	1.0680	.03462	3.5560	.68048	1.7264

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.445	.25163	.43670	.74893	3.1469	.70395	4.1496
Stddev	.514	.00067	.01234	.00071	.0168	.00045	.0057
%RSD	2.0183	.26742	2.8260	.09460	.53402	.06356	.13742

#1	24.852	.25212	.42319	.74946	3.1415	.70348	4.1554
#2	25.730	.25086	.43954	.74920	3.1657	.70400	4.1440
#3	25.753	.25190	.44738	.74813	3.1334	.70438	4.1494

Sample Name: K4962-01MS Acquired: 9/20/2019 13:20:09 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TH-2MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.60781	F 13.43	-.11366	<.00000	F<.00000
Stddev	.00448	.04	.01068	.88809	18.676
%RSD	.73741	.2904	9.3959	10.290	1.1622

#1	.61204	13.39	-.10133	-9.6469	-1588.6
#2	.60829	13.45	-.11985	-8.0024	-1625.9
#3	.60311	13.46	-.11981	-8.2434	-1606.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3458.2	38531.	3762.0	137.65	2226.3
Stddev	5.6	682.	16.9	1.28	12.8
%RSD	.16215	1.7709	.44790	.92914	.57575

#1	3464.6	39317.	3742.6	136.26	2241.1
#2	3455.9	38176.	3769.7	137.89	2218.4
#3	3454.1	38098.	3773.5	138.79	2219.5

Sample Name: K4962-01MSD Acquired: 9/20/2019 13:24:38 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TH-2MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72003	2.1257	1.3828	1.2258	.11453	223.49	1.3575
Stddev	.00792	.0040	.0017	.0086	.00066	12.95	.0929
%RSD	1.1001	.19067	.12191	.70560	.57196	5.7923	6.8405

#1	.72171	2.1263	1.3812	1.2163	.11479	215.01	1.2975
#2	.72697	2.1295	1.3845	1.2332	.11502	238.39	1.4645
#3	.71140	2.1214	1.3826	1.2280	.11378	217.07	1.3106

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17739	.24212	11.111	.61666	.52701	.47096	343.12
Stddev	.01141	.00022	.115	.04080	.00077	.01461	12.41
%RSD	6.4294	.09057	1.0315	6.6170	.14604	3.1026	3.6159

#1	.16936	.24213	11.127	.59233	.52790	.48043	336.10
#2	.19045	.24190	10.990	.66377	.52657	.45413	357.44
#3	.17237	.24234	11.217	.59389	.52656	.47831	335.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8320	91.877	1.0647	.03565	3.6729	.70172	1.6873
Stddev	.4751	5.057	.0033	.00110	.2295	.04630	.0168
%RSD	4.8326	5.5046	.31343	3.0823	6.2476	6.5986	.99393

#1	9.5618	88.430	1.0664	.03645	3.5202	.67469	1.7005
#2	10.381	97.683	1.0668	.03611	3.9368	.75519	1.6684
#3	9.5536	89.518	1.0609	.03440	3.5617	.67529	1.6931

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.445	.25078	.44753	.74456	3.0407	.70091	4.0509
Stddev	1.532	.00066	.01088	.00729	.0339	.00496	.0314
%RSD	5.7927	.26403	2.4301	.97864	1.1153	.70788	.77435

#1	25.505	.25153	.45235	.74032	3.0032	.70662	4.0371
#2	28.213	.25031	.45515	.75298	3.0499	.69847	4.0288
#3	25.618	.25049	.43507	.74038	3.0691	.69764	4.0868

Sample Name: K4962-01MSD Acquired: 9/20/2019 13:24:38 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TH-2MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.60421	F 13.37	-.12447	<.00000	F<.00000
Stddev	.00058	.02	.01490	1.0368	24.612
%RSD	.09569	.1666	11.973	13.371	1.5338
#1	.60356	13.36	-.11742	-7.9901	-1594.7
#2	.60464	13.39	-.14159	-6.6195	-1632.6
#3	.60445	13.34	-.11440	-8.6525	-1586.5
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3452.1	36913.	3787.4	139.33	2229.2
Stddev	29.6	1872.	26.9	1.80	17.1
%RSD	.85650	5.0712	.70980	1.2895	.76730
#1	3429.8	38012.	3768.4	138.56	2216.0
#2	3485.6	34752.	3818.2	141.38	2248.5
#3	3440.8	37976.	3775.8	138.04	2223.0

Sample Name: K4962-01A Acquired: 9/20/2019 13:29:07 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-091819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72251	2.1245	1.3800	1.2339	.11728	214.98	1.2955
Stddev	.00649	.0068	.0053	.0050	.00152	3.67	.0258
%RSD	.89806	.32208	.38392	.40082	1.2937	1.7072	1.9939

#1	.71566	2.1167	1.3740	1.2395	.11759	216.47	1.3057
#2	.72331	2.1275	1.3839	1.2302	.11563	217.67	1.3147
#3	.72857	2.1293	1.3822	1.2319	.11861	210.80	1.2662

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17132	.24307	10.766	.60028	.52898	.47965	337.93
Stddev	.00023	.00022	.853	.00107	.00163	.00075	.90
%RSD	.13229	.09193	7.9265	.17752	.30809	.15597	.26715

#1	.17154	.24283	11.260	.59910	.52710	.47883	338.58
#2	.17133	.24328	11.257	.60118	.52996	.48030	338.30
#3	.17109	.24310	9.7803	.60056	.52987	.47982	336.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5774	88.232	1.0722	.03527	3.5478	.67616	1.7544
Stddev	.0742	1.514	.0026	.00030	.0616	.00027	.0100
%RSD	.77451	1.7159	.23962	.83975	1.7367	.04055	.57143

#1	9.6082	88.885	1.0709	.03548	3.5679	.67629	1.7433
#2	9.6313	89.310	1.0751	.03539	3.5969	.67634	1.7629
#3	9.4928	86.501	1.0705	.03493	3.4787	.67585	1.7570

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.407	.25274	.44246	.74671	2.9765	.70183	3.9165
Stddev	.369	.00052	.00356	.01664	.1609	.00058	.2826
%RSD	1.4512	.20413	.80359	2.2278	5.4072	.08285	7.2146

#1	25.543	.25334	.44467	.74066	3.0860	.70117	4.0966
#2	25.689	.25241	.43836	.76552	3.0517	.70208	4.0621
#3	24.990	.25248	.44436	.73394	2.7917	.70225	3.5909

Sample Name: K4962-01A Acquired: 9/20/2019 13:29:07 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-091819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.56855	F 13.46	-.12771	<.00000	F<.00000
Stddev	.05279	.01	.01660	.21060	7.9274
%RSD	9.2844	.0833	13.002	2.5207	.50324
#1	.60407	13.47	-.11769	-8.2107	-1582.5
#2	.59369	13.45	-.11856	-8.2578	-1566.8
#3	.50789	13.47	-.14687	-8.5968	-1576.5
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3422.3	37806.	3887.9	144.33	2203.9
Stddev	24.2	136.	229.5	12.08	17.1
%RSD	.70827	.35876	5.9023	8.3729	.77548
#1	3447.5	37774.	3747.4	135.71	2221.7
#2	3399.2	37690.	3763.5	139.14	2187.6
#3	3420.2	37955.	4152.7	158.14	2202.5

Sample Name: CCV02 Acquired: 9/20/2019 13:33:37 Type: Unk
Method: P4-ICP2(v3395) 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	4.8567	4.8415	4.8059	4.8996	4.8678	9.9268	9.7165	.24456
Stddev	.0254	.0014	.0092	.0145	.0190	.1209	.0844	.00051
%RSD	.52189	.02967	.19106	.29598	.39016	1.2174	.86911	.20947
#1	4.8288	4.8424	4.7967	4.8861	4.8460	9.7884	9.6243	.24444
#2	4.8783	4.8423	4.8060	4.9149	4.8766	9.9811	9.7901	.24512
#3	4.8630	4.8399	4.8150	4.8977	4.8807	10.011	9.7353	.24412
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3842	24.376	.95976	2.3778	1.2281	4.8700	2.4649	24.369
Stddev	.0043	.061	.00161	.0066	.0029	.0050	.0019	.289
%RSD	.17865	.25088	.16770	.27891	.23425	.10197	.07891	1.1848
#1	2.3810	24.312	.95961	2.3739	1.2252	4.8643	2.4630	24.041
#2	2.3891	24.433	.96144	2.3855	1.2310	4.8733	2.4669	24.586
#3	2.3826	24.383	.95824	2.3740	1.2281	4.8725	2.4650	24.479
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3891	1.2087	24.213	2.4406	2.3830	24.749	4.9112	5.0035
Stddev	.0072	.0032	.217	.0058	.0031	.301	.0170	.0639
%RSD	.30145	.26045	.89824	.23693	.12901	1.2148	.34706	1.2765
#1	2.3820	1.2081	23.962	2.4354	2.3806	24.403	4.8935	4.9314
#2	2.3964	1.2120	24.325	2.4468	2.3865	24.897	4.9276	5.0263
#3	2.3888	1.2058	24.352	2.4395	2.3821	24.947	4.9124	5.0529
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8440	4.9684	4.7695	4.8551	4.9006	4.917	4.8551	F 3.0468
Stddev	.0088	.0347	.0154	.0115	.0110	.003	.0294	.2200
%RSD	.18226	.69886	.32195	.23753	.22536	.0654	.60497	7.2208
#1	4.8484	5.0082	4.7724	4.8510	4.9133	4.914	4.8796	2.8163
#2	4.8338	4.9446	4.7833	4.8462	4.8953	4.921	4.8630	3.0695
#3	4.8498	4.9523	4.7530	4.8681	4.8932	4.917	4.8225	3.2546

Sample Name: CCV02 Acquired: 9/20/2019 13:33:37 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.6245
Stddev	3.2815
%RSD	70.960

#1	3.5661
#2	8.3046
#3	2.0027

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2429.1	27073.	2671.8	138.42	2427.3
Stddev	6.0	51.	23.4	2.40	3.2
%RSD	.24804	.18954	.87426	1.7311	.13076

#1	2434.4	27131.	2645.9	135.77	2426.3
#2	2422.5	27057.	2678.3	140.42	2424.7
#3	2430.3	27032.	2691.2	139.08	2430.8

Sample Name: CCB02 Acquired: 9/20/2019 13:37:34 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB123224BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00213	.00062	.00024	-.00346	-.00260	-.01023	-.00545	.00002
Stddev	.00287	.00064	.00079	.00290	.00255	.00500	.01172	.00003
%RSD	135.09	103.03	332.63	83.829	98.147	48.884	215.04	174.47
#1	.00196	-.00011	.00012	-.00344	-.00130	-.00747	.00283	.00004
#2	-.00066	.00088	-.00049	-.00057	-.00096	-.00721	-.01887	.00003
#3	.00508	.00110	.00109	-.00638	-.00554	-.01600	-.00032	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.01599	.00022	-.00001	-.00106	-.00239	.00024	.04568
Stddev	.00001	.01349	.00043	.00027	.00037	.00135	.00007	.00882
%RSD	7.6176	84.383	195.64	2536.2	34.452	56.581	30.252	19.310
#1	.00018	.01902	.00011	-.00031	-.00074	-.00154	.00032	.03551
#2	.00016	.02771	-.00014	.00020	-.00100	-.00396	.00021	.05035
#3	.00018	.00124	.00069	.00008	-.00146	-.00168	.00018	.05118
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00018	.00926	-.00036	-.00003	.00781	.00080	-.00839
Stddev	.00030	.00045	.01398	.00045	.00025	.03811	.00060	.00267
%RSD	916.53	245.45	150.90	127.26	828.84	487.84	75.199	31.801
#1	-.00015	-.00045	-.00226	-.00078	-.00029	.04993	.00140	-.00814
#2	-.00026	.00034	.00524	-.00040	-.00001	-.02429	.00080	-.01117
#3	.00031	-.00044	.02481	.00012	.00021	-.00221	.00020	-.00585
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00186	.00079	-.00043	.00388	-.00684	.0005	.00009	F 1.3589
Stddev	.00385	.00254	.00027	.00332	.01170	.0021	.00004	.8587
%RSD	207.09	323.26	61.816	85.582	170.90	381.5	43.477	63.189
#1	.00124	.00281	-.00025	.00099	-.00261	-.0004	.00006	1.9629
#2	-.00616	.00162	-.00074	.00314	.00214	.0029	.00006	.37592
#3	-.00065	-.00207	-.00031	.00751	-.02007	-.0009	.00013	1.7378

Sample Name: CCB02 Acquired: 9/20/2019 13:37:34 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB123224BS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1057
Stddev	2.1837
%RSD	197.49

#1	-.72512
#2	.51962
#3	3.5227

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2498.9	28867.	2696.3	142.34	2662.5
Stddev	2.7	1638.	20.4	1.74	1.8
%RSD	.10839	5.6729	.75704	1.2232	.06622

#1	2501.9	27878.	2672.9	140.33	2663.0
#2	2497.8	30757.	2709.9	143.39	2660.6
#3	2496.8	27966.	2706.2	143.30	2664.0

Sample Name: K4940-02 Acquired: 9/20/2019 13:42:02 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 40278 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00225	-.00160	.00091	.00153	-.00189	-.00032	.13145	.00005
Stddev	.00184	.00081	.00035	.00241	.00105	.01559	.01189	.00006
%RSD	81.830	50.564	38.135	158.00	55.580	4907.2	9.0432	131.36

#1	.00272	-.00152	.00131	.00064	-.00235	-.01615	.11977	.00001
#2	.00022	-.00084	.00080	.00426	-.00264	.01502	.14354	.00012
#3	.00381	-.00245	.00064	-.00032	-.00069	.00018	.13104	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.95165	.00081	.00045	-.00112	1.5567	.04669	.85706
Stddev	.00002	.02608	.00013	.00012	.00032	.0606	.00199	.04640
%RSD	17.168	2.7406	16.232	26.221	28.500	3.8953	4.2717	5.4138

#1	.00013	.93164	.00084	.00056	-.00092	1.5089	.04507	.90863
#2	.00016	.98115	.00092	.00045	-.00148	1.6249	.04892	.84384
#3	.00011	.94216	.00066	.00033	-.00095	1.5364	.04609	.81870

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00238	-.00009	24.469	-.00056	.03063	.77102	.00006	.07603
Stddev	.00017	.00015	.950	.00009	.00022	.04246	.00023	.01403
%RSD	6.9754	160.90	3.8828	15.699	.72725	5.5068	386.13	18.456

#1	.00246	.00004	23.613	-.00052	.03069	.72646	-.00015	.07811
#2	.00249	-.00025	25.491	-.00066	.03082	.81101	.00002	.08891
#3	.00219	-.00007	24.304	-.00050	.03038	.77560	.00031	.06108

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93945	.60527	-.00169	.00242	-.01268	.1949	.01642	2.1312
Stddev	.00986	.00435	.00057	.00305	.00386	.0017	.00010	.7729
%RSD	1.0490	.71839	33.912	125.81	30.422	.8686	.57989	36.268

#1	.95047	.60025	-.00216	.00234	-.01304	.1935	.01644	1.4774
#2	.93149	.60783	-.00185	-.00058	-.01635	.1944	.01632	2.9843
#3	.93640	.60773	-.00105	.00551	-.00866	.1968	.01650	1.9319

Sample Name: K4940-02 Acquired: 9/20/2019 13:42:02 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 40278 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .03839
Stddev 1.3199
%RSD 3438.6

#1 -1.3898
#2 1.2133
#3 .29170

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2491.0	27574.	2724.1	143.80	2623.7
Stddev	4.7	944.	10.0	.36	6.2
%RSD	.18800	3.4222	.36557	.25306	.23779

#1	2488.3	28346.	2720.0	144.21	2621.3
#2	2488.2	26522.	2716.9	143.51	2618.9
#3	2496.4	27855.	2735.5	143.69	2630.7

Sample Name: K4940-02DUP Acquired: 9/20/2019 13:46:29 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 40278DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00110	-.00188	-.00043	-.00105	-.00159	-.00733	.12516	.00004
Stddev	.00237	.00040	.00142	.00362	.00254	.00832	.00182	.00001
%RSD	215.38	21.120	331.89	345.90	159.54	113.59	1.4508	34.979

#1	.00036	-.00148	.00072	.00253	.00019	-.01046	.12593	.00003
#2	.00375	-.00227	-.00201	-.00471	-.00046	-.01363	.12308	.00006
#3	-.00081	-.00188	.00001	-.00096	-.00450	.00211	.12646	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.93953	.00051	.00013	-.00131	1.5218	.04604	.83717
Stddev	.00008	.01581	.00023	.00011	.00046	.0065	.00012	.01908
%RSD	64.079	1.6830	44.651	81.372	34.961	.42639	.25840	2.2788

#1	.00022	.93446	.00030	.00003	-.00180	1.5202	.04596	.85314
#2	.00011	.95726	.00048	.00013	-.00126	1.5163	.04598	.84234
#3	.00006	.92687	.00076	.00024	-.00088	1.5290	.04618	.81605

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00204	-.00011	24.031	-.00064	.03077	.75343	-.00034	.05993
Stddev	.00083	.00017	.201	.00064	.00030	.00541	.00041	.00635
%RSD	40.832	161.22	.83731	99.065	.98705	.71830	121.82	10.587

#1	.00198	-.00015	23.830	-.00138	.03057	.75652	-.00018	.05692
#2	.00290	-.00025	24.032	-.00023	.03062	.75659	-.00081	.06722
#3	.00124	.00008	24.232	-.00032	.03112	.74718	-.00003	.05566

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94406	.60375	-.00164	.00115	-.01197	.1938	.01619	2.2783
Stddev	.00499	.00784	.00099	.00081	.00705	.0026	.00002	.2196
%RSD	.52873	1.2979	60.243	70.164	58.960	1.347	.11343	9.6379

#1	.94012	.60700	-.00241	.00169	-.00614	.1936	.01620	2.3858
#2	.94239	.60943	-.00053	.00154	-.00994	.1913	.01617	2.0257
#3	.94967	.59481	-.00199	.00022	-.01981	.1965	.01621	2.4234

Sample Name: K4940-02DUP Acquired: 9/20/2019 13:46:29 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 40278DUP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .68325
 Stddev .91052
 %RSD 133.26

#1 -.33701
 #2 1.4133
 #3 .97350

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2489.9	27971.	2731.7	143.43	2622.0
Stddev	34.0	43.	31.4	2.82	32.7
%RSD	1.3654	.15273	1.1499	1.9669	1.2486

#1	2486.0	27959.	2713.8	140.47	2618.8
#2	2525.7	27936.	2713.3	143.74	2656.3
#3	2458.1	28019.	2768.0	146.09	2591.0

Sample Name: K4940-02LX5 Acquired: 9/20/2019 13:50:57 Type: Unk
Method: P4-ICP2(v3395) 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	.00087	-.00132	-.00123	-.00362	-.00188	-.00973	.02536	.00001
Stddev	.00266	.00085	.00072	.00237	.00083	.00375	.01046	.00004
%RSD	306.87	64.690	59.085	65.570	43.877	38.593	41.223	410.84

#1	.00394	-.00153	-.00066	-.00267	-.00160	-.01186	.02352	-.00004
#2	-.00047	-.00205	-.00204	-.00186	-.00281	-.01193	.01595	.00002
#3	-.00086	-.00038	-.00098	-.00632	-.00123	-.00539	.03662	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.20214	.00014	.00027	-.00131	.31628	.00991	.23102
Stddev	.00001	.01551	.00018	.00005	.00011	.00992	.00022	.02428
%RSD	6.4377	7.6708	130.44	19.870	8.5376	3.1371	2.2004	10.512

#1	.00016	.19195	.00024	.00032	-.00137	.31100	.00979	.22001
#2	.00014	.19448	.00025	.00028	-.00138	.31012	.00978	.25885
#3	.00015	.21998	-.00007	.00021	-.00118	.32773	.01016	.21419

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	-.00014	5.0443	-.00061	.00838	.16354	-.00073	.00377
Stddev	.00016	.00030	.1719	.00042	.00012	.03031	.00020	.00373
%RSD	19.921	207.61	3.4076	68.857	1.4581	18.533	27.969	99.121

#1	.00097	-.00046	4.9172	-.00012	.00847	.14764	-.00067	-.00040
#2	.00064	.00014	4.9759	-.00085	.00824	.14449	-.00095	.00490
#3	.00083	-.00012	5.2399	-.00085	.00843	.19849	-.00056	.00680

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18885	.12438	-.00204	.00456	-.00219	.0417	.00340	2.0909
Stddev	.00354	.00214	.00026	.00225	.00443	.0010	.00014	.6019
%RSD	1.8748	1.7226	12.769	49.454	201.89	2.367	4.0670	28.788

#1	.19294	.12680	-.00234	.00305	-.00428	.0407	.00356	1.9417
#2	.18671	.12360	-.00189	.00715	.00289	.0418	.00332	1.5776
#3	.18690	.12273	-.00188	.00347	-.00518	.0427	.00332	2.7534

Sample Name: K4940-02LX5 Acquired: 9/20/2019 13:50:57 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.1979
%RSD	290.67

#1	-1.0038
#2	.96649
#3	-1.1991

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2505.6	27508.	2708.0	143.71	2661.4
Stddev	11.1	674.	8.1	1.58	3.0
%RSD	.44155	2.4506	.29915	1.1013	.11450

#1	2506.9	27851.	2698.9	143.16	2662.4
#2	2493.9	27941.	2714.2	142.47	2658.0
#3	2515.9	26731.	2711.1	145.49	2663.8

Sample Name: K4940-02MS Acquired: 9/20/2019 13:55:25 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 40278MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75393	1.9106	.94868	1.8399	.76533	2.0305	.30936
Stddev	.00346	.0034	.00230	.0017	.00439	.0527	.01113
%RSD	.45888	.17782	.24266	.09393	.57413	2.5934	3.5968

#1	.75768	1.9092	.94732	1.8415	.76766	2.0670	.31578
#2	.75322	1.9144	.94738	1.8403	.76026	1.9701	.29651
#3	.75087	1.9081	.95134	1.8381	.76807	2.0543	.31579

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18965	.18500	1.8574	.39830	.19362	.30839	4.3052
Stddev	.00379	.00046	.0074	.00840	.00027	.00053	.0930
%RSD	2.0003	.25088	.39838	2.1081	.14010	.17288	2.1595

#1	.19122	.18464	1.8492	.39936	.19370	.30886	4.3435
#2	.18533	.18485	1.8637	.38943	.19332	.30781	4.1992
#3	.19241	.18553	1.8593	.40612	.19385	.30851	4.3728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24654	2.7551	.48566	.07019	23.566	.30488	.21335
Stddev	.00484	.1141	.00136	.00180	.417	.00610	.00050
%RSD	1.9626	4.1401	.27962	2.5659	1.7702	2.0010	.23229

#1	.24912	2.8484	.48409	.07036	23.732	.30697	.21341
#2	.24096	2.6279	.48634	.06830	23.092	.29800	.21283
#3	.24955	2.7891	.48654	.07189	23.875	.30965	.21382

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.852	.40593	.36574	.82691	1.4605	.65539	.19767
Stddev	.213	.00136	.00720	.00061	.0051	.00091	.00240
%RSD	1.9639	.33385	1.9688	.07332	.34727	.13915	1.2144

#1	10.905	.40737	.37277	.82695	1.4642	.65544	.19900
#2	10.617	.40468	.35838	.82749	1.4625	.65445	.19490
#3	11.034	.40572	.36609	.82628	1.4547	.65627	.19911

Sample Name: K4940-02MS Acquired: 9/20/2019 13:55:25 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 40278MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19420	5.584	.21259	2.5293	F<.00000
Stddev	.00888	.005	.00167	.2654	4.1834
%RSD	4.5743	.0925	.78339	10.493	31.114

#1	.19705	5.581	.21320	2.8344	-11.375
#2	.18425	5.590	.21071	2.3524	-10.700
#3	.20132	5.581	.21386	2.4010	-18.260

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2440.0	27595.	2655.1	141.46	2542.3
Stddev	7.5	472.	15.3	.95	4.5
%RSD	.30796	1.7121	.57714	.67463	.17791

#1	2431.4	27279.	2638.3	141.37	2537.5
#2	2445.0	28138.	2658.9	142.45	2546.5
#3	2443.6	27368.	2668.2	140.55	2542.9

Sample Name: K4940-02MSD Acquired: 9/20/2019 13:59:32 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 40278MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74831	1.9014	.94578	1.8267	.76476	2.0142	.31105
Stddev	.00821	.0078	.00058	.0120	.00426	.0298	.00977
%RSD	1.0974	.41049	.06096	.65877	.55661	1.4812	3.1417

#1	.75656	1.9095	.94625	1.8397	.76160	1.9812	.30083
#2	.74014	1.9009	.94594	1.8244	.76960	2.0220	.32031
#3	.74822	1.8939	.94514	1.8160	.76308	2.0394	.31201

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18967	.18482	1.8861	.39957	.19291	.30722	4.3372
Stddev	.00070	.00039	.0214	.00142	.00063	.00091	.0148
%RSD	.37038	.21097	1.1363	.35622	.32550	.29758	.34069

#1	.18886	.18527	1.8689	.39833	.19355	.30745	4.3203
#2	.19004	.18455	1.9101	.40112	.19287	.30800	4.3475
#3	.19011	.18464	1.8793	.39925	.19230	.30621	4.3438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24769	2.7702	.48295	.06991	24.220	.30488	.21267
Stddev	.00081	.0616	.00097	.00091	.282	.00061	.00008
%RSD	.32600	2.2252	.20169	1.3073	1.1648	.19984	.03824

#1	.24684	2.6993	.48248	.07087	23.896	.30549	.21261
#2	.24778	2.8108	.48407	.06905	24.412	.30490	.21276
#3	.24845	2.8006	.48230	.06979	24.351	.30427	.21264

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.805	.40552	.36196	.85123	1.4732	.65542	.19694
Stddev	.145	.00136	.01572	.00482	.0171	.00108	.00284
%RSD	1.3382	.33506	4.3417	.56619	1.1641	.16553	1.4426

#1	10.645	.40554	.34382	.84677	1.4896	.65665	.19367
#2	10.925	.40687	.37051	.85058	1.4746	.65463	.19879
#3	10.846	.40416	.37155	.85634	1.4554	.65496	.19836

Sample Name: K4940-02MSD Acquired: 9/20/2019 13:59:32 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 40278MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19461	5.555	.21229	2.7718	F<.00000
Stddev	.00541	.007	.00237	.1141	2.8200
%RSD	2.7801	.1268	1.1177	4.1154	16.030

#1	.19744	5.560	.21061	2.6905	-15.967
#2	.19803	5.558	.21500	2.7228	-20.848
#3	.18838	5.547	.21125	2.9022	-15.961

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2450.7	27676.	2671.1	140.18	2551.3
Stddev	4.5	57.	13.9	1.98	3.3
%RSD	.18554	.20479	.52033	1.4129	.12874

#1	2445.6	27739.	2658.5	141.52	2547.7
#2	2452.5	27628.	2668.8	137.91	2552.0
#3	2454.1	27662.	2686.0	141.12	2554.2

Sample Name: K4940-02A Acquired: 9/20/2019 14:03:38 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8574 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75029	1.8978	.94587	1.8227	.76308	1.9975	.31005
Stddev	.00521	.0046	.00307	.0043	.00336	.0544	.00336
%RSD	.69502	.24301	.32447	.23415	.44037	2.7230	1.0842

#1	.75177	1.9009	.94769	1.8225	.76688	1.9349	.30619
#2	.75460	1.8925	.94760	1.8271	.76047	2.0330	.31156
#3	.74449	1.8999	.94233	1.8186	.76190	2.0247	.31238

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18999	.18400	1.8659	.40263	.19360	.30747	4.3309
Stddev	.00045	.00029	.0182	.00190	.00019	.00111	.0124
%RSD	.23663	.15545	.97397	.47107	.09776	.36211	.28735

#1	.18950	.18428	1.8536	.40046	.19365	.30803	4.3179
#2	.19038	.18401	1.8868	.40398	.19376	.30619	4.3427
#3	.19010	.18371	1.8574	.40346	.19339	.30820	4.3320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24741	2.7645	.48367	.07085	23.762	.30716	.21160
Stddev	.00062	.0484	.00056	.00065	.073	.00078	.00050
%RSD	.25012	1.7494	.11506	.91754	.30566	.25508	.23679

#1	.24730	2.7413	.48423	.07096	23.687	.30716	.21218
#2	.24808	2.7321	.48312	.07015	23.832	.30795	.21133
#3	.24686	2.8201	.48367	.07144	23.766	.30638	.21129

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.794	.40739	.36745	.82694	1.4569	.65467	.19868
Stddev	.072	.00061	.00587	.00673	.0047	.00252	.00144
%RSD	.66615	.14988	1.5972	.81341	.32158	.38462	.72522

#1	10.711	.40774	.37004	.83136	1.4520	.65660	.19813
#2	10.835	.40668	.37158	.83026	1.4574	.65182	.20031
#3	10.836	.40775	.36073	.81920	1.4613	.65559	.19760

Sample Name: K4940-02A Acquired: 9/20/2019 14:03:38 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8574 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19788	5.540	.21439	2.8827	F<.00000
Stddev	.00637	.002	.00036	.0903	2.2208
%RSD	3.2169	.0364	.16729	3.1311	12.641

#1	.19385	5.539	.21400	2.9869	-17.931
#2	.19458	5.542	.21471	2.8304	-15.188
#3	.20522	5.538	.21444	2.8308	-19.585

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2449.6	27606.	2647.5	141.31	2559.9
Stddev	12.8	68.	9.6	.89	11.1
%RSD	.52058	.24752	.36383	.62742	.43307

#1	2461.2	27597.	2636.5	140.29	2570.6
#2	2451.6	27542.	2652.0	141.90	2560.5
#3	2436.0	27678.	2654.1	141.74	2548.5

Sample Name: K4942-03DLX10 Acquired: 9/20/2019 14:07:46 Type: Unk
Method: P4-ICP2(v3395) 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	.08882	.00719	2.7194	.04135	.01744	49.727	1.2046
Stddev	.00346	.00115	.0040	.00189	.00289	.240	.0046
%RSD	3.8934	15.945	.14605	4.5808	16.590	.48200	.38192

#1	.08524	.00666	2.7169	.04174	.01680	49.459	1.1998
#2	.09214	.00641	2.7174	.03930	.01493	49.803	1.2050
#3	.08909	.00851	2.7240	.04303	.02061	49.920	1.2089

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03331	.01486	27.739	.55619	.31742	5.6915	169.06
Stddev	.00013	.00008	.161	.00150	.00038	.0163	1.18
%RSD	.38730	.53417	.57876	.27053	.12111	.28701	.69600

#1	.03328	.01487	27.565	.55744	.31698	5.7073	169.40
#2	.03345	.01478	27.882	.55660	.31758	5.6747	167.76
#3	.03320	.01493	27.771	.55452	.31770	5.6925	170.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2896	8.6511	2.2041	.00773	2.6228	.07806	10.208
Stddev	.0016	.0482	.0027	.00020	.0116	.00045	.016
%RSD	.12696	.55718	.12360	2.6336	.44149	.57344	.15807

#1	1.2882	8.6128	2.2048	.00796	2.6100	.07853	10.203
#2	1.2892	8.6353	2.2011	.00766	2.6258	.07800	10.195
#3	1.2914	8.7052	2.2064	.00758	2.6325	.07764	10.226

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0344	.10315	.58989	2.8481	.20072	.79773	1.2735
Stddev	.0244	.00055	.01880	.0056	.00220	.00083	.0076
%RSD	.48385	.52868	3.1862	.19586	1.0943	.10458	.59736

#1	5.0063	.10270	.59008	2.8500	.20148	.79676	1.2663
#2	5.0485	.10299	.57100	2.8418	.19824	.79825	1.2815
#3	5.0484	.10376	.60859	2.8524	.20243	.79816	1.2727

Sample Name: K4942-03DLX10 Acquired: 9/20/2019 14:07:46 Type: Unk
Method: P4-ICP2(v3395) 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	.03067	1.166	.14765	1.3393	F<.00000
Stddev	.00690	.004	.00212	.2749	4.4664
%RSD	22.486	.3460	1.4380	20.527	1.2098

#1	.03103	1.162	.14523	1.6265	-370.07
#2	.03738	1.167	.14923	1.0786	-364.36
#3	.02360	1.170	.14848	1.3130	-373.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2522.7	28212.	2775.1	142.21	2470.3
Stddev	3.5	23.	5.9	2.07	2.2
%RSD	.13995	.08072	.21438	1.4559	.08931

#1	2518.7	28228.	2770.5	140.17	2471.6
#2	2524.5	28222.	2773.0	144.31	2471.5
#3	2525.0	28186.	2781.8	142.15	2467.8

Sample Name: K4962-05 Acquired: 9/20/2019 14:16:41 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TH-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14969	.00896	.30103	.00604	.00441	207.96	1.2682
Stddev	.00353	.00289	.00325	.00317	.00184	3.04	.0221
%RSD	2.3550	32.278	1.0785	52.435	41.775	1.4601	1.7443

#1	.14805	.00961	.30379	.00256	.00436	209.26	1.2774
#2	.15373	.01147	.29745	.00874	.00260	204.49	1.2430
#3	.14728	.00580	.30184	.00682	.00628	210.13	1.2843

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01891	.02783	11.819	.28605	.34250	.25695	338.08
Stddev	.00011	.00011	.284	.00495	.00122	.00241	6.85
%RSD	.58816	.37979	2.4017	1.7301	.35586	.93654	2.0256

#1	.01890	.02779	12.134	.28914	.34391	.25741	332.89
#2	.01902	.02774	11.583	.28034	.34188	.25434	345.84
#3	.01880	.02795	11.739	.28866	.34172	.25909	335.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.089	96.786	.58413	-.01678	1.3276	.42651	1.5587
Stddev	.315	1.328	.00131	.00168	.0208	.00627	.0062
%RSD	2.8369	1.3725	.22495	9.9982	1.5671	1.4711	.39752

#1	11.232	97.134	.58361	-.01781	1.3342	.43009	1.5634
#2	10.728	95.319	.58562	-.01484	1.3043	.41927	1.5516
#3	11.306	97.907	.58315	-.01769	1.3443	.43018	1.5610

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.106	.00342	.28354	.41326	1.1864	.01780	3.7593
Stddev	.256	.00044	.01546	.00597	.0251	.00141	.0711
%RSD	1.2111	12.739	5.4534	1.4448	2.1119	7.9461	1.8913

#1	21.189	.00297	.27554	.41842	1.2153	.01710	3.8332
#2	20.819	.00343	.30136	.41465	1.1703	.01942	3.6914
#3	21.309	.00384	.27372	.40672	1.1737	.01686	3.7532

Sample Name: K4962-05 Acquired: 9/20/2019 14:16:41 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TH-4 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.52652	6.166	-.25793	<.00000	F<.00000
Stddev	.00899	.015	.00916	.33891	2.4460
%RSD	1.7074	.2384	3.5497	3.7604	.15088

#1	.53078	6.179	-.25038	-8.7979	-1622.9
#2	.51619	6.168	-.26811	-9.4033	-1622.1
#3	.53258	6.150	-.25529	-8.8366	-1618.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3459.5	38495.	3912.1	141.64	2211.3
Stddev	4.7	418.	64.7	3.92	4.3
%RSD	.13704	1.0870	1.6533	2.7669	.19232

#1	3461.4	38296.	3837.5	137.58	2207.8
#2	3454.1	38976.	3952.4	145.41	2210.1
#3	3463.0	38214.	3946.5	141.92	2216.0

Sample Name: K4962-07 Acquired: 9/20/2019 14:21:15 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TH-5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15117	.00978	.28278	.01585	.00247	186.33	.95103
Stddev	.01164	.00081	.00088	.00936	.00079	11.92	.07621
%RSD	7.7024	8.2451	.31185	59.074	32.099	6.3948	8.0135

#1	.14587	.00909	.28181	.01071	.00242	178.65	.90430
#2	.14312	.00958	.28299	.01018	.00328	180.27	.90982
#3	.16452	.01067	.28354	.02665	.00170	200.05	1.0390

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01566	.02053	16.280	.26480	.26924	.25859	314.14
Stddev	.00139	.00017	.030	.02039	.00090	.00790	19.99
%RSD	8.8632	.84573	.18543	7.7010	.33281	3.0556	6.3625

#1	.01468	.02065	16.291	.25185	.26843	.26324	301.54
#2	.01504	.02061	16.304	.25423	.27020	.26306	303.69
#3	.01725	.02033	16.246	.28830	.26909	.24947	337.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.966	83.525	.44741	-.01419	1.2300	.38411	1.2694
Stddev	.709	5.397	.00086	.00189	.0934	.02844	.0076
%RSD	6.4672	6.4616	.19324	13.306	7.5934	7.4032	.59933

#1	10.522	80.138	.44667	-.01383	1.1605	.36754	1.2725
#2	10.592	80.687	.44836	-.01250	1.1934	.36784	1.2750
#3	11.784	89.749	.44719	-.01623	1.3362	.41694	1.2607

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.425	.00252	.25938	.59368	1.3019	.01595	3.2189
Stddev	1.066	.00032	.01333	.01579	.0066	.00109	.0086
%RSD	6.4866	12.876	5.1385	2.6603	.50817	6.8026	.26690

#1	15.739	.00224	.25994	.57681	1.3059	.01548	3.2256
#2	15.885	.00288	.24577	.60811	1.3055	.01518	3.2220
#3	17.653	.00243	.27241	.59613	1.2942	.01719	3.2093

Sample Name: K4962-07 Acquired: 9/20/2019 14:21:15 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TH-5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.41395	6.153	-.22471	<.00000	F<.00000
Stddev	.00449	.023	.02205	1.4132	6.6699
%RSD	1.0849	.3777	9.8104	28.499	.53031
#1	.41899	6.139	-.21076	-5.8351	-1250.6
#2	.41252	6.180	-.21325	-5.7128	-1263.8
#3	.41036	6.140	-.25013	-3.3285	-1258.8
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3245.0	34639.	3573.6	139.16	2287.0
Stddev	7.0	2036.	10.5	1.05	5.4
%RSD	.21611	5.8773	.29369	.75319	.23687
#1	3247.8	35847.	3563.2	138.65	2290.1
#2	3237.0	35783.	3573.4	138.46	2280.7
#3	3250.2	32289.	3584.2	140.36	2290.1

Sample Name: K4962-03 Acquired: 9/20/2019 14:25:54 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TH-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19378	.01269	.40593	.01057	.00501	257.65	1.0914
Stddev	.00193	.00211	.00406	.00023	.00212	1.48	.0056
%RSD	.99834	16.641	1.0009	2.1783	42.279	.57279	.51521

#1	.19508	.01438	.40173	.01054	.00314	256.13	1.0958
#2	.19471	.01336	.40623	.01035	.00731	259.08	1.0932
#3	.19156	.01032	.40984	.01081	.00457	257.74	1.0851

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01911	.02494	8.1760	.32791	.29615	.26947	365.53
Stddev	.00034	.00019	.3768	.00158	.00045	.00145	.60
%RSD	1.7932	.74944	4.6090	.48259	.15350	.53699	.16499

#1	.01919	.02501	7.8610	.32699	.29665	.27112	366.08
#2	.01874	.02508	8.5934	.32973	.29577	.26882	365.63
#3	.01942	.02473	8.0735	.32699	.29604	.26845	364.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.165	85.994	.43546	-.01900	1.0260	.53373	1.5577
Stddev	.033	.401	.00104	.00017	.0031	.00385	.0049
%RSD	.32643	.46628	.23776	.89921	.29814	.72077	.31370

#1	10.190	85.614	.43540	-.01917	1.0283	.53569	1.5628
#2	10.177	86.413	.43445	-.01883	1.0225	.53620	1.5531
#3	10.127	85.955	.43652	-.01900	1.0271	.52930	1.5571

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.343	.00481	.28847	1.4133	1.8825	.02422	3.8049
Stddev	.022	.00041	.01043	.0040	.0714	.00104	.1542
%RSD	.11791	8.5642	3.6150	.27988	3.7932	4.2752	4.0526

#1	18.368	.00435	.29607	1.4088	1.8419	.02408	3.6699
#2	18.331	.00496	.29276	1.4153	1.9650	.02532	3.9729
#3	18.331	.00513	.27658	1.4160	1.8406	.02326	3.7719

Sample Name: K4962-03 Acquired: 9/20/2019 14:25:54 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TH-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.46219	7.508	-.31744	<.00000	F<.00000
Stddev	.02713	.008	.00332	.27457	8.1809
%RSD	5.8708	.1051	1.0449	4.4276	.53518
#1	.43819	7.512	-.32086	-6.5166	-1538.0
#2	.49164	7.499	-.31423	-6.0725	-1523.3
#3	.45675	7.514	-.31722	-6.0149	-1524.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3078.5	33914.	3411.2	138.34	2246.0
Stddev	10.1	25.	124.1	6.11	6.5
%RSD	.32668	.07394	3.6364	4.4170	.29150
#1	3066.8	33890.	3507.3	142.97	2238.7
#2	3084.0	33940.	3271.2	131.42	2251.3
#3	3084.5	33912.	3455.1	140.64	2248.0

Sample Name: CCV03 Acquired: 9/20/2019 14:30:28 Type: Unk
Method: P4-ICP2(v3395) 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	4.8377	4.8020	4.7701	4.8796	4.8579	10.400	10.097	.25379
Stddev	.1777	.1664	.1767	.1805	.1703	.588	.616	.01616
%RSD	3.6727	3.4661	3.7037	3.6995	3.5062	5.6543	6.1017	6.3688
#1	4.6325	4.6101	4.5664	4.6713	4.6614	10.122	9.8457	.24795
#2	4.9419	4.8890	4.8615	4.9899	4.9484	11.075	10.799	.27206
#3	4.9386	4.9070	4.8823	4.9776	4.9639	10.002	9.6465	.24135
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3626	24.760	.99091	2.3511	1.2239	5.0340	2.5600	25.422
Stddev	.0840	.180	.06419	.0850	.0467	.3271	.1666	1.393
%RSD	3.5559	.72759	6.4776	3.6157	3.8165	6.4974	6.5085	5.4789
#1	2.2656	24.653	.96686	2.2530	1.1701	4.9242	2.5017	24.588
#2	2.4110	24.660	1.0636	2.3989	1.2530	5.4019	2.7479	27.030
#3	2.4113	24.968	.94221	2.4016	1.2488	4.7760	2.4304	24.649
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3660	1.2480	25.024	2.5135	2.3671	25.653	4.8780	5.2068
Stddev	.0876	.0754	1.446	.1601	.0875	1.567	.1750	.3295
%RSD	3.7006	6.0404	5.7790	6.3681	3.6942	6.1106	3.5873	6.3283
#1	2.2649	1.2205	24.436	2.4555	2.2662	24.997	4.6761	5.0524
#2	2.4147	1.3332	26.671	2.6945	2.4161	27.441	4.9717	5.5851
#3	2.4184	1.1902	23.964	2.3905	2.4191	24.519	4.9862	4.9827
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8694	5.0191	4.7210	4.8983	4.9705	4.921	4.8917	F 3.8094
Stddev	.1780	.0386	.1806	.0272	.0135	.187	.0174	1.0098
%RSD	3.6550	.76878	3.8257	.55423	.27140	3.799	.35510	26.507
#1	4.6650	5.0411	4.5124	4.8938	4.9810	4.706	4.9050	3.4455
#2	4.9527	5.0416	4.8263	4.8737	4.9553	5.014	4.8721	4.9507
#3	4.9904	4.9745	4.8242	4.9275	4.9752	5.044	4.8981	3.0321

Sample Name: CCV03 Acquired: 9/20/2019 14:30:28 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.4151
 Stddev 2.4665
 %RSD 72.222

#1 2.5670
 #2 1.4847
 #3 6.1937

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2455.7	26392.	2671.3	138.19	2461.8
Stddev	77.2	1498.	22.6	2.02	79.1
%RSD	3.1421	5.6754	.84649	1.4631	3.2126

#1	2544.7	26835.	2645.2	140.50	2553.2
#2	2408.9	24722.	2684.1	136.72	2416.1
#3	2413.4	27618.	2684.8	137.36	2416.3

Sample Name: CCB03 Acquired: 9/20/2019 14:34:26 Type: Unk
Method: P4-ICP2(v3395) 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	-.00149	-.00034	-.00015	-.00071	-.00095	-.01202	.00213	.00004
Stddev	.00273	.00090	.00083	.00170	.00263	.00910	.00484	.00004
%RSD	183.28	260.68	547.10	237.67	278.01	75.768	226.84	103.29
#1	.00163	-.00116	-.00101	-.00209	-.00022	-.00167	.00578	.00009
#2	-.00348	-.00049	.00066	-.00123	-.00387	-.01557	.00397	.00001
#3	-.00262	.00062	-.00011	.00118	.00125	-.01880	-.00335	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.01857	.00069	.00020	-.00092	-.00141	.00017	.08806
Stddev	.00013	.01577	.00068	.00002	.00034	.00101	.00001	.05454
%RSD	385.94	84.903	99.559	7.9825	36.791	71.722	4.6131	61.928
#1	-.00012	.00038	.00147	.00021	-.00075	-.00042	.00016	.15068
#2	.00012	.02696	.00038	.00018	-.00071	-.00244	.00018	.06255
#3	.00011	.02837	.00021	.00020	-.00132	-.00137	.00017	.05096
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	-.00022	-.01418	-.00052	.00008	-.00210	.00115	-.00332
Stddev	.00070	.00028	.01091	.00011	.00015	.01123	.00060	.01061
%RSD	186.84	130.02	76.980	20.266	184.13	534.00	52.290	319.87
#1	.00114	-.00010	-.00471	-.00044	.00018	.00517	.00184	.00769
#2	-.00022	-.00054	-.02611	-.00049	-.00009	.00357	.00078	-.00417
#3	.00019	-.00002	-.01171	-.00064	.00016	-.01504	.00083	-.01348
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00188	.00231	-.00123	.00131	F .00582	.0005	.00011	F 2.2786
Stddev	.00396	.00585	.00052	.00055	.01933	.0017	.00003	.2319
%RSD	210.34	253.13	42.565	41.876	331.93	331.2	28.829	10.179
#1	.00024	.00901	-.00143	.00171	.02804	.0009	.00010	2.4923
#2	.00056	-.00178	-.00063	.00154	-.00344	.0021	.00015	2.3115
#3	-.00645	-.00030	-.00162	.00068	-.00713	-.0014	.00009	2.0319

Sample Name: CCB03 Acquired: 9/20/2019 14:34:26 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8988
Stddev .5697
%RSD 19.654

#1 2.4036
#2 3.5215
#3 2.7713

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2481.1	27636.	2565.2	135.91	2645.2
Stddev	9.4	58.	326.6	15.60	12.4
%RSD	.37742	.21013	12.730	11.482	.46947

#1	2470.8	27570.	2191.7	118.34	2631.0
#2	2489.1	27679.	2796.7	148.15	2653.9
#3	2483.3	27658.	2707.2	141.26	2650.7

Sample Name: K4962-09 Acquired: 9/20/2019 14:38:53 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22821	.02305	.90583	.01928	.00460	254.50	1.3642
Stddev	.00736	.00146	.00177	.00402	.00171	3.82	.0207
%RSD	3.2241	6.3404	.19561	20.859	37.108	1.4993	1.5175

#1	.22476	.02172	.90443	.01922	.00542	251.09	1.3480
#2	.23666	.02283	.90782	.02333	.00264	258.62	1.3875
#3	.22321	.02461	.90525	.01529	.00574	253.79	1.3570

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02002	.02444	12.621	.28756	.32198	.25242	345.06
Stddev	.00010	.00035	.035	.00545	.00019	.00215	5.97
%RSD	.50764	1.4290	.27702	1.8936	.05937	.85212	1.7305

#1	.01993	.02422	12.586	.28367	.32220	.25351	343.25
#2	.02013	.02425	12.656	.29378	.32189	.24995	351.73
#3	.01999	.02484	12.621	.28522	.32185	.25382	340.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.110	70.312	.37177	-.01433	.83345	.55448	1.6278
Stddev	.202	1.134	.00044	.00021	.01743	.00664	.0040
%RSD	1.0593	1.6121	.11754	1.4935	2.0913	1.1967	.24388

#1	19.031	69.369	.37135	-.01453	.82771	.55209	1.6322
#2	19.340	71.569	.37222	-.01436	.85303	.56198	1.6265
#3	18.958	69.996	.37176	-.01410	.81962	.54937	1.6246

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.732	.00508	.27161	3.4519	3.2133	.03401	2.7053
Stddev	.265	.00019	.00839	.0086	.0993	.00069	.0244
%RSD	1.8022	3.7082	3.0895	.24868	3.0910	2.0198	.90315

#1	14.561	.00500	.26925	3.4449	3.2705	.03352	2.6783
#2	15.038	.00530	.28093	3.4494	3.0986	.03372	2.7118
#3	14.596	.00496	.26465	3.4615	3.2707	.03480	2.7258

Sample Name: K4962-09 Acquired: 9/20/2019 14:38:53 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.37608	F 14.45	-.27670	<.00000	F<.00000
Stddev	.01358	.03	.00676	.33636	12.832
%RSD	3.6111	.1927	2.4446	6.0703	.91941
#1	.36372	14.47	-.27582	-5.9097	-1385.0
#2	.37390	14.42	-.28386	-5.2508	-1409.9
#3	.39062	14.47	-.27041	-5.4628	-1392.1
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3100.9	33840.	3434.9	139.25	2258.4
Stddev	10.5	454.	14.7	1.60	6.6
%RSD	.34020	1.3413	.42790	1.1469	.29014
#1	3090.1	34084.	3425.5	138.11	2251.8
#2	3101.4	33316.	3427.5	138.57	2258.6
#3	3111.1	34120.	3451.9	141.08	2264.9

Sample Name: PB123261BL Acquired: 9/20/2019 14:43:27 Type: Unk
Method: P4-ICP2(v3395) 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	-.00146	-.00086	-.00022	-.00203	-.00084	.00960	.00247	.00001
Stddev	.00408	.00044	.00119	.00104	.00264	.01235	.00223	.00004
%RSD	279.76	51.693	534.96	51.346	316.16	128.60	90.065	396.48
#1	-.00372	-.00051	-.00151	-.00244	.00152	.01193	.00236	.00006
#2	.00325	-.00071	.00083	-.00084	-.00033	-.00374	.00031	-.00003
#3	-.00391	-.00135	.00001	-.00280	-.00370	.02062	.00476	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00737	.00047	.00032	-.00128	.00466	.00042	.04276
Stddev	.00003	.00179	.00033	.00012	.00008	.00189	.00005	.02927
%RSD	20.512	24.326	70.379	39.156	5.9202	40.418	11.657	68.439
#1	.00016	.00542	.00033	.00022	-.00121	.00539	.00047	.07549
#2	.00010	.00773	.00084	.00028	-.00127	.00608	.00039	.01912
#3	.00015	.00895	.00023	.00046	-.00136	.00252	.00039	.03367
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	-.00038	-.03359	-.00047	-.00014	-.02387	-.00049	-.01634
Stddev	.00079	.00027	.01629	.00030	.00005	.01647	.00040	.00872
%RSD	381.52	72.853	48.507	65.057	38.038	68.986	80.227	53.332
#1	.00053	-.00011	-.03198	-.00082	-.00019	-.00522	-.00029	-.01780
#2	-.00070	-.00066	-.05062	-.00029	-.00015	-.03640	-.00095	-.00699
#3	.00079	-.00035	-.01816	-.00030	-.00008	-.02999	-.00024	-.02424
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00516	-.00122	-.00082	.00270	-.00346	.0008	.00005	F 2.2756
Stddev	.00218	.00135	.00036	.00156	.00644	.0002	.00005	.1746
%RSD	42.159	110.97	43.549	57.569	185.93	20.31	100.66	7.6712
#1	-.00738	-.00174	-.00116	.00199	.00030	.0006	.00004	2.4754
#2	-.00508	-.00223	-.00084	.00163	.00021	.0009	.00010	2.1993
#3	-.00303	.00032	-.00045	.00449	-.01090	.0010	.00000	2.1522

Sample Name: PB123261BL Acquired: 9/20/2019 14:43:27 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7637
Stddev	1.2053
%RSD	68.337

#1	3.1505
#2	.96842
#3	1.1723

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2486.6	27680.	2658.4	143.07	2658.8
Stddev	6.0	60.	4.0	1.17	9.7
%RSD	.23992	.21659	.14895	.81804	.36340

#1	2486.3	27628.	2661.3	141.75	2659.1
#2	2480.8	27666.	2653.9	143.99	2648.9
#3	2492.7	27746.	2659.9	143.48	2668.2

Sample Name: PB123261BS Acquired: 9/20/2019 14:47:55 Type: Unk
Method: P4-ICP2(v3395) 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	.77322	1.9697	.97592	1.9011	.78882	2.0703	.20555	.19677
Stddev	.00833	.0070	.00431	.0169	.00267	.0115	.00270	.00073
%RSD	1.0771	.35500	.44156	.88786	.33821	.55525	1.3157	.37252
#1	.77834	1.9657	.97965	1.9066	.78787	2.0633	.20560	.19634
#2	.77770	1.9778	.97691	1.9145	.79183	2.0640	.20282	.19636
#3	.76361	1.9656	.97120	1.8821	.78675	2.0836	.20823	.19762
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18959	1.0808	.41232	.19896	.31942	3.1409	.21676	2.1101
Stddev	.00037	.0289	.00187	.00041	.00200	.0145	.00052	.0035
%RSD	.19268	2.6718	.45330	.20689	.62498	.46198	.24192	.16433
#1	.18966	1.1030	.41120	.19916	.32015	3.1309	.21638	2.1089
#2	.18991	1.0481	.41128	.19923	.32095	3.1343	.21736	2.1140
#3	.18919	1.0911	.41448	.19849	.31716	3.1575	.21654	2.1074
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49738	.07379	3.0770	.31204	.19073	10.410	.41700	.30660
Stddev	.00248	.00103	.0127	.00146	.00061	.050	.00186	.00228
%RSD	.49934	1.3978	.41141	.46913	.31934	.47986	.44563	.74381
#1	.49740	.07289	3.0707	.31043	.19088	10.413	.41748	.30437
#2	.49985	.07356	3.0687	.31238	.19126	10.359	.41857	.30648
#3	.49488	.07492	3.0916	.31330	.19007	10.459	.41495	.30893
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03727	.93413	.67245	.19931	.18867	F 5.524	F .20222	2.5995
Stddev	.00342	.03074	.00057	.00636	.01096	.030	.00585	.2025
%RSD	9.1631	3.2903	.08500	3.1926	5.8085	.5371	2.8948	7.7912
#1	.04117	.94737	.67252	.20072	.19852	5.535	.20517	2.6076
#2	.03587	.89900	.67185	.19236	.17686	5.547	.19547	2.3931
#3	.03479	.95603	.67299	.20485	.19063	5.491	.20600	2.7979

Sample Name: PB123261BS Acquired: 9/20/2019 14:47:55 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.6216
%RSD	10.075

#1	-16.245
#2	-14.404
#3	-17.637

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2473.1	27777.	2699.0	143.56	2599.9
Stddev	16.0	56.	82.6	5.55	11.8
%RSD	.64827	.20101	3.0587	3.8691	.45430

#1	2465.4	27727.	2640.5	142.11	2594.8
#2	2462.5	27837.	2793.5	149.70	2591.6
#3	2491.6	27768.	2663.2	138.88	2613.4

Sample Name: K4883-01 Acquired: 9/20/2019 14:56:37 Type: Unk
Method: P4-ICP2(v3395) 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	-.00588	.00091	.04554	.00625	.00114	.59221	.16222	.00009
Stddev	.00362	.00126	.00107	.00358	.00074	.02422	.00524	.00006
%RSD	61.531	138.62	2.3394	57.299	64.529	4.0891	3.2323	61.275
#1	-.00411	-.00030	.04607	.00852	.00166	.56434	.15699	.00004
#2	-.01004	.00081	.04431	.00811	.00030	.60813	.16747	.00008
#3	-.00349	.00222	.04624	.00212	.00146	.60415	.16220	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	136.69	.00454	.00026	.00780	.40441	.48423	28.496
Stddev	.00003	2.69	.00026	.00035	.00059	.00094	.00091	.305
%RSD	14.415	1.9661	5.6749	131.97	7.6049	.23364	.18880	1.0708
#1	-.00019	133.85	.00429	.00054	.00749	.40340	.48404	28.202
#2	-.00023	137.05	.00480	.00037	.00743	.40454	.48522	28.811
#3	-.00017	139.19	.00452	-.00013	.00848	.40528	.48342	28.474
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00524	-.00202	124.78	.00294	.10157	32.411	.14722	.38152
Stddev	.00028	.00061	.97	.00057	.00140	.306	.00046	.00481
%RSD	5.3023	30.102	.77558	19.358	1.3766	.94446	.31461	1.2608
#1	.00514	-.00226	123.68	.00355	.10012	32.059	.14731	.37607
#2	.00504	-.00246	125.50	.00243	.10168	32.558	.14672	.38330
#3	.00556	-.00133	125.16	.00284	.10291	32.616	.14764	.38518
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 39.374	F 24.568	-.01249	.00969	.00639	.1563	.58338	4.3131
Stddev	.131	.163	.00079	.00205	.00765	.0010	.00957	.3771
%RSD	.33189	.66546	6.3244	21.155	119.72	.6429	1.6403	8.7425
#1	39.345	24.380	-.01167	.00740	.01506	.1564	.57289	4.4865
#2	39.260	24.644	-.01325	.01030	.00058	.1553	.58562	4.5723
#3	39.517	24.680	-.01254	.01136	.00353	.1573	.59164	3.8805

Sample Name: K4883-01 Acquired: 9/20/2019 14:56:37 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.9465
Stddev	1.5875
%RSD	22.854

#1	6.6072
#2	5.5560
#3	8.6762

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2312.6	25864.	2634.2	139.77	2329.8
Stddev	8.4	73.	27.1	3.22	4.3
%RSD	.36500	.28342	1.0287	2.3049	.18627

#1	2317.0	25889.	2661.6	143.19	2328.0
#2	2317.9	25782.	2633.4	139.33	2334.7
#3	2302.8	25922.	2607.4	136.79	2326.6

Sample Name: K4883-02 Acquired: 9/20/2019 15:00:58 Type: Unk
Method: P4-ICP2(v3395) 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	-.00409	-.00012	.01369	.00106	-.00273	-.01103	.09683	.00003
Stddev	.00164	.00277	.00111	.00105	.00066	.02223	.00070	.00008
%RSD	40.101	2404.2	8.0811	98.629	24.152	201.52	.72460	232.89
#1	-.00261	-.00315	.01334	.00048	-.00319	.01434	.09643	.00000
#2	-.00585	.00052	.01281	.00044	-.00197	-.02707	.09764	-.00002
#3	-.00381	.00228	.01493	.00228	-.00303	-.02035	.09643	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	63.968	.00120	.00005	.00156	.02092	.01378	17.830
Stddev	.00006	.885	.00023	.00019	.00076	.00069	.00005	.173
%RSD	26.674	1.3828	19.082	375.51	48.660	3.3144	.35767	.97055
#1	-.00016	63.063	.00109	-.00017	.00069	.02172	.01383	17.631
#2	-.00027	64.011	.00106	.00015	.00207	.02047	.01373	17.928
#3	-.00027	64.831	.00147	.00017	.00193	.02057	.01376	17.932
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00157	-.00065	58.377	.00160	.06520	4.0183	.00240	.13794
Stddev	.00028	.00032	.264	.00052	.00018	.0298	.00014	.01219
%RSD	17.859	49.538	.45241	32.461	.28088	.74202	5.9910	8.8374
#1	.00155	-.00034	58.167	.00106	.06502	3.9925	.00226	.13012
#2	.00187	-.00063	58.291	.00209	.06519	4.0114	.00254	.13171
#3	.00131	-.00098	58.674	.00163	.06538	4.0509	.00239	.15199
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 37.124	7.6101	-.01422	.00017	.00533	1.252	.32508	3.8486
Stddev	.054	.0118	.00013	.00081	.00880	.007	.00375	.3037
%RSD	.14509	.15531	.92151	478.94	165.20	.5900	1.1545	7.8920
#1	37.062	7.6034	-.01421	-.00024	-.00388	1.244	.32181	4.0933
#2	37.161	7.6237	-.01436	.00111	.00620	1.253	.32424	3.9438
#3	37.147	7.6030	-.01410	-.00035	.01365	1.259	.32918	3.5087

Sample Name: K4883-02 Acquired: 9/20/2019 15:00:58 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.6656
Stddev	.7260
%RSD	19.807

#1	2.8910
#2	3.7753
#3	4.3305

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2378.3	26606.	2674.9	142.47	2449.0
Stddev	9.0	133.	9.6	.86	7.9
%RSD	.37754	.49801	.36006	.60096	.32216

#1	2377.5	26468.	2685.7	143.42	2446.7
#2	2387.7	26619.	2671.6	141.77	2457.8
#3	2369.8	26732.	2667.3	142.22	2442.6

Sample Name: K4883-03 Acquired: 9/20/2019 15:05:21 Type: Unk
Method: P4-ICP2(v3395) 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	.01286	.00345	.03016	.03927	-.00336	.07317	.92919	-.00418
Stddev	.00310	.00127	.00032	.00159	.00345	.02434	.00496	.00006
%RSD	24.076	37.002	1.0728	4.0476	102.53	33.273	.53347	1.4181
#1	.01303	.00432	.03036	.03887	-.00349	.09558	.92487	-.00415
#2	.01587	.00403	.02979	.04101	-.00674	.04727	.92808	-.00424
#3	.00968	.00198	.03033	.03791	.00015	.07665	.93460	-.00413
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	385.50	-.04195	.01682	.00595	9.6627	F 63.178	142.59
Stddev	.00007	1.05	.00020	.00019	.00008	.0515	.117	.92
%RSD	135.62	.27154	.48150	1.1043	1.2741	.53256	.18550	.64807
#1	-.00007	386.63	-.04188	.01703	.00594	9.6257	63.140	141.58
#2	.00003	384.56	-.04180	.01678	.00589	9.6409	63.084	143.40
#3	-.00011	385.30	-.04218	.01666	.00603	9.7215	63.309	142.78
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00352	.00233	750.28	-.15297	.05107	11.263	.00052	.26333
Stddev	.00101	.00078	4.21	.00098	.00034	.131	.00017	.00353
%RSD	28.586	33.365	.56159	.63944	.67219	1.1596	32.097	1.3387
#1	-.00390	.00278	754.88	-.15208	.05147	11.113	.00035	.26708
#2	-.00238	.00143	749.34	-.15401	.05082	11.350	.00052	.26283
#3	-.00428	.00276	746.61	-.15281	.05093	11.325	.00068	.26008
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 28.489	F 15.930	-.00816	.00001	.06787	.2258	1.2187	5.8369
Stddev	.054	.167	.00082	.00164	.00837	.0032	.0045	.4326
%RSD	.19078	1.0496	10.052	29193.	12.334	1.399	.36895	7.4121
#1	28.552	16.005	-.00897	-.00187	.06527	.2222	1.2230	6.1428
#2	28.459	15.739	-.00733	.00115	.06110	.2270	1.2141	5.3419
#3	28.456	16.047	-.00819	.00074	.07723	.2282	1.2189	6.0259

Sample Name: K4883-03 Acquired: 9/20/2019 15:05:21 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.0697
Stddev	3.9109
%RSD	96.099

#1	8.1193
#2	.31400
#3	3.7758

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2179.5	24046.	2556.9	131.04	2065.7
Stddev	6.5	38.	16.1	1.82	8.4
%RSD	.29608	.15787	.62828	1.3898	.40893

#1	2172.0	24002.	2538.7	129.01	2055.9
#2	2183.3	24070.	2569.0	132.53	2070.8
#3	2183.1	24066.	2563.0	131.58	2070.3

Sample Name: K4883-04 Acquired: 9/20/2019 15:09:59 Type: Unk
Method: P4-ICP2(v3395) 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	.01708	.00121	.03082	.03951	-.00150	.29969	.89532	-.00389
Stddev	.00353	.00149	.00155	.00339	.00116	.00214	.00955	.00013
%RSD	20.645	123.69	5.0135	8.5891	77.526	.71462	1.0669	3.3956
#1	.02018	.00085	.03139	.04142	-.00047	.30200	.88634	-.00374
#2	.01781	-.00008	.03201	.03559	-.00276	.29931	.90536	-.00394
#3	.01325	.00285	.02908	.04152	-.00127	.29777	.89427	-.00399
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	389.29	-.03876	.01738	.00719	9.0558	F 60.447	142.79
Stddev	.00017	1.02	.00050	.00029	.00065	.0239	.337	1.28
%RSD	806.52	.26168	1.2948	1.6533	9.0452	.26361	.55721	.89409
#1	-.00006	389.92	-.03885	.01709	.00646	9.0342	60.221	141.36
#2	.00021	388.11	-.03821	.01738	.00741	9.0814	60.834	143.79
#3	-.00009	389.82	-.03921	.01767	.00771	9.0519	60.286	143.23
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.00201	728.13	-.14263	.05729	11.150	.00052	.26473
Stddev	.00113	.00049	1.57	.00018	.00035	.103	.00030	.00819
%RSD	632.05	24.389	.21608	.12896	.61253	.92381	57.003	3.0949
#1	.00088	.00213	726.36	-.14253	.05715	11.038	.00036	.25584
#2	-.00136	.00243	729.37	-.14252	.05769	11.240	.00087	.26637
#3	-.00006	.00147	728.66	-.14284	.05703	11.173	.00034	.27198
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.263	F 15.991	-.00821	.00584	.07280	.2254	1.2190	5.4469
Stddev	.114	.134	.00050	.00216	.00562	.0028	.0045	.3929
%RSD	.39015	.83846	6.1124	36.922	7.7199	1.263	.36630	7.2136
#1	29.167	16.121	-.00794	.00654	.07929	.2239	1.2235	5.8859
#2	29.389	15.853	-.00879	.00342	.06948	.2235	1.2146	5.3266
#3	29.232	15.998	-.00790	.00755	.06963	.2286	1.2191	5.1281

Sample Name: K4883-04 Acquired: 9/20/2019 15:09:59 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.3220
Stddev	2.4384
%RSD	45.817

#1	5.8368
#2	7.4619
#3	2.6673

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2190.4	24216.	2568.6	132.23	2074.1
Stddev	4.7	76.	18.3	.84	5.4
%RSD	.21481	.31191	.71259	.63743	.26130

#1	2193.2	24283.	2548.1	132.45	2075.5
#2	2193.1	24134.	2583.2	131.30	2078.8
#3	2185.0	24231.	2574.6	132.95	2068.2

Sample Name: K4883-05 Acquired: 9/20/2019 15:19:11 Type: Unk
Method: P4-ICP2(v3395) 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	-.00498	-.00023	.02467	.00753	-.00070	.82002	.12269	.00009
Stddev	.00404	.00172	.00078	.00207	.00137	.04910	.00555	.00009
%RSD	81.165	758.21	3.1734	27.490	196.57	5.9874	4.5234	91.741
#1	-.00430	.00016	.02407	.00992	.00078	.79522	.12528	.00017
#2	-.00931	.00126	.02438	.00642	-.00094	.87658	.12647	.00012
#3	-.00132	-.00211	.02556	.00625	-.00192	.78828	.11631	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	75.351	.00256	.00016	.00206	.43676	.03930	14.788
Stddev	.00007	.453	.00018	.00029	.00022	.00245	.00067	.164
%RSD	31.198	.60143	7.0051	176.11	10.649	.56100	1.7036	1.1075
#1	-.00030	75.450	.00240	-.00001	.00231	.43556	.03986	14.776
#2	-.00019	75.746	.00252	.00001	.00194	.43957	.03948	14.958
#3	-.00018	74.856	.00275	.00049	.00192	.43514	.03856	14.631
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.00122	85.090	.00352	.03369	3.1062	-.00007	.05812
Stddev	.00052	.00014	.964	.00015	.00008	.0332	.00021	.00177
%RSD	96.627	11.524	1.1326	4.3838	.23319	1.0676	299.10	3.0381
#1	.00017	-.00131	85.479	.00369	.03373	3.1444	-.00030	.05998
#2	.00113	-.00106	85.799	.00342	.03375	3.0890	-.00004	.05647
#3	.00031	-.00129	83.993	.00344	.03360	3.0851	.00013	.05790
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.923	F 19.289	-.00919	.02110	.01569	.3330	.17341	3.4776
Stddev	.144	.085	.00079	.00348	.00702	.0053	.00013	.1654
%RSD	.60222	.44019	8.6505	16.482	44.781	1.604	.07677	4.7570
#1	24.040	19.215	-.00830	.02448	.01885	.3363	.17341	3.6685
#2	23.968	19.270	-.00983	.02128	.02057	.3358	.17328	3.3772
#3	23.762	19.382	-.00944	.01753	.00764	.3268	.17355	3.3870

Sample Name: K4883-05 Acquired: 9/20/2019 15:19:11 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.2985
Stddev	.5316
%RSD	12.368

#1	4.7972
#2	4.3592
#3	3.7391

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.1	26642.	2669.4	141.80	2430.4
Stddev	17.0	296.	17.4	2.76	17.7
%RSD	.71253	1.1111	.65193	1.9449	.72756

#1	2363.4	26478.	2658.8	139.67	2410.6
#2	2386.3	26464.	2659.9	140.83	2435.8
#3	2396.5	26984.	2689.5	144.92	2444.7

Sample Name: K4883-05DUP Acquired: 9/20/2019 15:23:33 Type: Unk
Method: P4-ICP2(v3395) 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	-.00470	-.00034	.02563	.00795	-.00071	.52178	.11409	.00004
Stddev	.00312	.00099	.00057	.00242	.00110	.01416	.00487	.00007
%RSD	66.525	289.36	2.2377	30.419	154.78	2.7139	4.2694	184.28
#1	-.00257	.00013	.02562	.00528	-.00125	.53671	.11610	.00000
#2	-.00323	.00032	.02506	.01000	.00055	.50854	.11763	-.00001
#3	-.00828	-.00148	.02621	.00857	-.00144	.52009	.10853	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	73.267	.00235	-.00005	.00240	.38453	.03880	14.644
Stddev	.00012	.529	.00096	.00020	.00017	.00374	.00044	.057
%RSD	57.288	.72153	40.924	426.26	6.9926	.97199	1.1331	.38766
#1	-.00008	73.769	.00204	-.00006	.00253	.38455	.03874	14.708
#2	-.00032	73.318	.00159	-.00023	.00246	.38826	.03927	14.624
#3	-.00021	72.715	.00343	.00016	.00221	.38078	.03840	14.599
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	-.00110	84.760	.00274	.04699	2.9664	-.00029	.05692
Stddev	.00066	.00034	.529	.00053	.00046	.0333	.00026	.00464
%RSD	167.82	30.533	.62389	19.415	.97940	1.1230	88.183	8.1585
#1	.00106	-.00126	85.289	.00263	.04741	2.9881	-.00046	.05156
#2	-.00027	-.00132	84.761	.00332	.04705	2.9831	-.00042	.05944
#3	.00039	-.00071	84.231	.00227	.04650	2.9281	.00000	.05975
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.988	F 18.149	-.00960	.01321	.00408	.3346	.16850	3.4211
Stddev	.117	.202	.00051	.00249	.00513	.0019	.00135	.3834
%RSD	.48958	1.1135	5.3628	18.817	125.78	.5542	.80376	11.206
#1	24.123	18.321	-.00902	.01057	.00835	.3337	.16993	3.8290
#2	23.930	18.200	-.00981	.01550	.00549	.3367	.16834	3.0681
#3	23.910	17.926	-.00998	.01357	-.00161	.3333	.16724	3.3661

Sample Name: K4883-05DUP Acquired: 9/20/2019 15:23:33 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.9919
Stddev	1.2058
%RSD	30.207

#1	5.3620
#2	3.0921
#3	3.5215

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2393.3	26896.	2747.4	145.06	2440.9
Stddev	14.2	269.	32.4	2.18	12.6
%RSD	.59321	1.0004	1.1795	1.5053	.51766

#1	2403.5	26627.	2716.6	142.59	2452.4
#2	2399.4	26896.	2744.4	145.89	2442.9
#3	2377.1	27165.	2781.2	146.71	2427.3

Sample Name: K4883-05LX5 Acquired: 9/20/2019 15:27:54 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00110	-.00129	.00508	.00279	-.00407	.10348	.02045	.00017
Stddev	.00428	.00073	.00032	.00291	.00394	.02120	.00486	.00011
%RSD	389.18	56.779	6.2802	104.21	96.960	20.484	23.749	67.556

#1	.00156	-.00201	.00545	.00275	-.00627	.07977	.02178	.00013
#2	-.00604	-.00130	.00492	-.00009	.00049	.11005	.01506	.00008
#3	.00118	-.00055	.00488	.00573	-.00642	.12061	.02449	.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	15.178	.00086	.00007	.00020	.07586	.00805	3.0445
Stddev	.00010	.650	.00048	.00022	.00023	.00027	.00010	.0836
%RSD	2777.1	4.2803	55.616	302.46	110.30	.35011	1.2647	2.7458

#1	.00004	15.615	.00033	-.00017	.00004	.07599	.00795	2.9554
#2	-.00012	14.432	.00126	.00026	.00046	.07555	.00804	3.0571
#3	.00007	15.487	.00099	.00013	.00011	.07603	.00815	3.1211

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00010	17.149	.00024	.00757	.63126	-.00046	.00119
Stddev	.00032	.00092	.088	.00029	.00007	.03236	.00004	.00617
%RSD	239.52	957.33	.51280	119.64	.95247	5.1261	7.5902	520.08

#1	.00038	.00083	17.065	.00006	.00751	.59632	-.00050	.00554
#2	.00026	.00039	17.240	.00009	.00754	.63728	-.00046	-.00588
#3	-.00023	-.00093	17.144	.00057	.00765	.66019	-.00043	.00390

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7573	3.9162	-.00325	.00340	-.00654	.0653	.03453	2.5732
Stddev	.0085	.1723	.00081	.00126	.00899	.0030	.00135	.2573
%RSD	.17906	4.3994	24.793	37.134	137.62	4.621	3.8983	10.000

#1	4.7581	4.0673	-.00415	.00374	.00180	.0669	.03561	2.3069
#2	4.7483	3.7286	-.00258	.00200	-.01607	.0671	.03302	2.5923
#3	4.7653	3.9528	-.00304	.00445	-.00533	.0618	.03496	2.8204

Sample Name: K4883-05LX5 Acquired: 9/20/2019 15:27:54 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.4445
Stddev 1.8110
%RSD 74.085

#1 2.5241
#2 4.2144
#3 .59501

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.4	27431.	2726.7	147.88	2598.4
Stddev	16.2	46.	116.7	6.73	12.8
%RSD	.65852	.16933	4.2809	4.5506	.49388

#1	2476.3	27411.	2629.4	143.31	2611.5
#2	2454.3	27397.	2856.2	155.60	2597.7
#3	2444.7	27484.	2694.6	144.71	2585.9

Sample Name: CCV04 Acquired: 9/20/2019 15:32:19 Type: Unk
Method: P4-ICP2(v3395) 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	4.9501	4.9196	4.8708	4.9573	4.9337	10.268	9.9801	.25251
Stddev	.1449	.1515	.1489	.1492	.1480	.055	.0465	.00037
%RSD	2.9281	3.0792	3.0578	3.0094	2.9992	.53388	.46583	.14696
#1	5.0325	5.0089	4.9644	5.0422	5.0245	10.227	9.9660	.25208
#2	4.7827	4.7446	4.6990	4.7850	4.7629	10.247	9.9423	.25277
#3	5.0351	5.0051	4.9489	5.0446	5.0135	10.330	10.032	.25267
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4021	25.123	.98504	2.3930	1.2424	4.9985	2.5351	25.028
Stddev	.0698	.140	.00134	.0742	.0361	.0080	.0006	.020
%RSD	2.9069	.55917	.13644	3.0994	2.9075	.15909	.02507	.08131
#1	2.4444	25.249	.98503	2.4387	1.2650	4.9993	2.5350	25.006
#2	2.3215	25.149	.98640	2.3074	1.2007	4.9902	2.5358	25.046
#3	2.4404	24.972	.98371	2.4329	1.2614	5.0061	2.5345	25.033
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4077	1.2437	24.642	2.5032	2.4202	25.447	4.9850	5.1595
Stddev	.0751	.0022	.094	.0036	.0719	.122	.1479	.0317
%RSD	3.1171	.17628	.38021	.14163	2.9711	.47895	2.9675	.61491
#1	2.4550	1.2412	24.593	2.5006	2.4647	25.414	5.0761	5.1329
#2	2.3211	1.2449	24.583	2.5072	2.3373	25.346	4.8143	5.1509
#3	2.4469	1.2451	24.750	2.5018	2.4587	25.582	5.0646	5.1946
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9916	5.1670	4.8240	4.9650	5.0961	5.059	4.9763	F 3.2523
Stddev	.1460	.0416	.1473	.0148	.0238	.157	.0232	.1170
%RSD	2.9247	.80437	3.0532	.29876	.46658	3.099	.46538	3.5968
#1	5.0817	5.1857	4.9113	4.9653	5.1113	5.157	4.9969	3.3452
#2	4.8232	5.1959	4.6540	4.9797	5.1082	4.878	4.9809	3.2907
#3	5.0700	5.1194	4.9067	4.9500	5.0687	5.142	4.9512	3.1209

Sample Name: CCV04 Acquired: 9/20/2019 15:32:19 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.3559
Stddev .5592
%RSD 16.663

#1 3.0711
#2 2.9963
#3 4.0001

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2457.3	27019.	2660.5	137.34	2455.7
Stddev	62.9	47.	24.9	1.01	66.5
%RSD	2.5605	.17447	.93544	.73240	2.7071

#1	2417.2	26965.	2642.7	137.28	2414.2
#2	2529.8	27045.	2649.9	136.36	2532.4
#3	2424.8	27048.	2688.9	138.37	2420.6

Sample Name: CCB04 Acquired: 9/20/2019 15:36:15 Type: Unk
Method: P4-ICP2(v3395) 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	.00354	-.00139	.00015	-.00255	-.00235	-.01120	.00220	.00021
Stddev	.00315	.00071	.00068	.00418	.00118	.00261	.00222	.00008
%RSD	89.045	50.816	448.01	163.57	50.175	23.343	100.74	39.517
#1	.00048	-.00062	.00093	-.00266	-.00289	-.01322	.00293	.00013
#2	.00677	-.00153	-.00034	.00168	-.00100	-.00825	.00397	.00020
#3	.00337	-.00202	-.00013	-.00668	-.00315	-.01212	-.00029	.00030
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.02407	.00041	.00047	-.00095	-.00336	.00028	.05524
Stddev	.00002	.01504	.00042	.00008	.00009	.00093	.00007	.03784
%RSD	19.918	62.507	101.77	16.388	9.6647	27.776	25.055	68.500
#1	.00015	.01678	.00002	.00042	-.00097	-.00373	.00021	.06470
#2	.00011	.04137	.00085	.00042	-.00102	-.00405	.00029	.01357
#3	.00010	.01405	.00036	.00055	-.00085	-.00230	.00035	.08744
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00004	.04264	-.00015	-.00028	.03816	.00113	-.00575
Stddev	.00012	.00051	.00315	.00051	.00006	.00719	.00068	.00496
%RSD	51.283	1342.3	7.3785	343.14	23.278	18.842	59.842	86.108
#1	.00011	-.00016	.04627	-.00054	-.00024	.03134	.00190	-.00035
#2	.00035	-.00047	.04091	-.00034	-.00024	.03748	.00062	-.00684
#3	.00022	.00052	.04074	.00043	-.00035	.04567	.00088	-.01008
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	.00059	-.00108	.00190	-.00960	-.0003	.00014	F 2.2517
Stddev	.00176	.00314	.00046	.00324	.00257	.0003	.00009	.0715
%RSD	199.42	530.89	42.534	169.94	26.772	108.7	67.976	3.1737
#1	.00089	.00013	-.00134	.00210	-.01114	-.0006	.00003	2.1758
#2	-.00088	-.00229	-.00134	-.00142	-.01103	-.0000	.00019	2.3177
#3	.00264	.00393	-.00055	.00504	-.00664	-.0002	.00019	2.2616

Sample Name: CCB04 Acquired: 9/20/2019 15:36:15 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.1803
 Stddev 2.2547
 %RSD 103.41

#1 .36105
 #2 1.4770
 #3 4.7029

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2501.4	28014.	2701.4	144.03	2668.8
Stddev	.4	145.	29.8	1.06	1.5
%RSD	.01692	.51751	1.1036	.73832	.05723

#1	2501.6	27899.	2707.2	142.85	2667.1
#2	2500.9	27966.	2669.2	144.92	2669.4
#3	2501.7	28177.	2728.0	144.32	2670.0

Sample Name: K4883-06 Acquired: 9/20/2019 15:40:43 Type: Unk
Method: P4-ICP2(v3395) 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	.75116	1.8326	.93685	1.8198	.75496	2.6957	.31163
Stddev	.00201	.0098	.00662	.0126	.00638	.0607	.01240
%RSD	.26697	.53287	.70644	.69455	.84531	2.2536	3.9799

#1	.74940	1.8244	.93259	1.8177	.75617	2.6581	.30454
#2	.75334	1.8434	.94447	1.8334	.76065	2.6632	.30441
#3	.75073	1.8300	.93349	1.8084	.74806	2.7657	.32595

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18996	.17857	74.155	.38538	.18509	.29461	3.2887
Stddev	.00350	.00110	.415	.00857	.00063	.00142	.0711
%RSD	1.8426	.61739	.55973	2.2249	.34103	.48188	2.1632

#1	.18854	.17796	73.709	.38067	.18482	.29572	3.2520
#2	.18739	.17984	74.530	.38019	.18582	.29509	3.2435
#3	.19394	.17790	74.225	.39527	.18464	.29301	3.3708

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23366	16.073	.46296	.06715	84.096	.30141	.24940
Stddev	.00446	.372	.00297	.00178	1.465	.00505	.00135
%RSD	1.9079	2.3118	.64198	2.6450	1.7418	1.6749	.54194

#1	.23146	15.848	.46194	.06589	83.391	.29850	.24894
#2	.23072	15.868	.46631	.06638	83.116	.29849	.25093
#3	.23878	16.501	.46064	.06918	85.780	.30724	.24835

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.885	.39519	.36926	F 23.472	F 19.425	.64879	.20378
Stddev	.264	.00161	.01422	.087	.102	.00387	.00115
%RSD	2.0474	.40634	3.8518	.37012	.52550	.59686	.56474

#1	12.731	.39435	.35926	23.458	19.364	.64547	.20510
#2	12.735	.39704	.36299	23.565	19.543	.65305	.20297
#3	13.190	.39418	.38555	23.393	19.368	.64785	.20328

Sample Name: K4883-06 Acquired: 9/20/2019 15:40:43 Type: Unk
 Method: P4-ICP2(v3395) 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	.20411	5.942	.35356	4.0090	F<.00000
Stddev	.00865	.030	.00145	.2506	.88706
%RSD	4.2387	.5139	.41027	6.2503	6.5244
#1	.19509	5.948	.35214	3.7263	-14.198
#2	.21234	5.969	.35504	4.0966	-14.013
#3	.20489	5.909	.35351	4.2039	-12.577
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.0	26761.	2622.5	141.21	2431.8
Stddev	12.9	343.	20.9	1.36	13.9
%RSD	.54186	1.2801	.79558	.96071	.57041
#1	2377.4	26916.	2632.6	139.67	2429.0
#2	2372.0	27000.	2598.5	141.78	2419.6
#3	2396.5	26369.	2636.3	142.20	2446.9

Sample Name: K4883-07 Acquired: 9/20/2019 15:44:49 Type: Unk
Method: P4-ICP2(v3395) 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	.76133	1.8513	.94531	1.8447	.76250	2.7829	.31667
Stddev	.00856	.0130	.00745	.0126	.00150	.0175	.00364
%RSD	1.1248	.69986	.78860	.68434	.19641	.63000	1.1503

#1	.77041	1.8640	.95345	1.8574	.76409	2.7649	.31365
#2	.76020	1.8519	.94367	1.8447	.76112	2.7839	.31564
#3	.75339	1.8381	.93881	1.8321	.76229	2.8000	.32071

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19379	.18057	76.391	.39450	.18740	.29691	3.3671
Stddev	.00093	.00111	.354	.00019	.00074	.00133	.0064
%RSD	.47806	.61717	.46347	.04884	.39684	.44642	.19012

#1	.19272	.18181	76.770	.39430	.18826	.29838	3.3690
#2	.19436	.18023	76.068	.39468	.18703	.29652	3.3723
#3	.19428	.17965	76.335	.39454	.18692	.29582	3.3600

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23945	16.454	.46907	.06819	86.618	.30755	.24638
Stddev	.00034	.137	.00221	.00064	.270	.00090	.00163
%RSD	.13993	.83221	.47201	.93347	.31132	.29288	.66207

#1	.23939	16.312	.47103	.06801	86.560	.30659	.24783
#2	.23915	16.466	.46952	.06766	86.383	.30838	.24668
#3	.23981	16.585	.46667	.06890	86.912	.30769	.24461

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.239	.40011	.37627	F 23.985	F 20.119	.65576	.20810
Stddev	.133	.00372	.01246	.203	.165	.00244	.00185
%RSD	1.0048	.93009	3.3118	.84478	.82080	.37152	.89056

#1	13.161	.40431	.37271	24.202	20.297	.65823	.21009
#2	13.163	.39884	.36598	23.953	20.091	.65568	.20642
#3	13.392	.39720	.39013	23.801	19.970	.65336	.20780

Sample Name: K4883-07 Acquired: 9/20/2019 15:44:49 Type: Unk
 Method: P4-ICP2(v3395) 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	.20236	6.001	.36116	4.0526	F<.00000
Stddev	.01029	.049	.00173	.1480	1.7583
%RSD	5.0847	.8227	.48021	3.6517	13.895
#1	.20935	6.057	.36315	3.9482	-10.652
#2	.20720	5.980	.35997	3.9878	-13.361
#3	.19055	5.965	.36036	4.2220	-13.948
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2409.7	26746.	2626.0	140.28	2449.6
Stddev	14.6	47.	17.8	.77	18.5
%RSD	.60763	.17612	.67805	.55073	.75667
#1	2393.0	26730.	2608.8	140.13	2429.5
#2	2415.5	26709.	2624.9	139.60	2453.3
#3	2420.5	26799.	2644.3	141.12	2466.1

Sample Name: K4883-05A Acquired: 9/20/2019 15:48:55 Type: Unk
Method: P4-ICP2(v3395) 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	.76619	1.8403	.94434	1.8334	.76231	2.7525	.31313
Stddev	.00695	.0058	.00360	.0015	.00485	.0203	.00454
%RSD	.90773	.31582	.38090	.08471	.63687	.73638	1.4512

#1	.76515	1.8367	.94602	1.8349	.75771	2.7493	.31814
#2	.77361	1.8470	.94679	1.8334	.76739	2.7340	.30927
#3	.75982	1.8372	.94021	1.8318	.76184	2.7741	.31199

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19117	.17992	75.439	.38959	.18703	.29656	3.3311
Stddev	.00026	.00061	.547	.00191	.00091	.00151	.0097
%RSD	.13362	.34121	.72523	.49142	.48448	.50811	.29004

#1	.19103	.18030	74.850	.38792	.18715	.29637	3.3222
#2	.19102	.18025	75.535	.38916	.18787	.29816	3.3414
#3	.19146	.17921	75.931	.39168	.18607	.29516	3.3299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23607	16.314	.46777	.06868	85.617	.30503	.24467
Stddev	.00062	.041	.00224	.00039	.250	.00084	.00094
%RSD	.26084	.25337	.47930	.56881	.29222	.27494	.38333

#1	.23673	16.286	.46755	.06824	85.349	.30594	.24489
#2	.23551	16.295	.47011	.06898	85.656	.30430	.24547
#3	.23598	16.362	.46565	.06882	85.845	.30485	.24364

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.047	.40183	.36762	F 23.842	F 19.793	.65672	.20737
Stddev	.050	.00282	.00919	.056	.091	.00199	.00396
%RSD	.38024	.70138	2.5003	.23347	.46112	.30276	1.9090

#1	13.059	.40000	.36562	23.857	19.756	.65897	.20380
#2	12.993	.40507	.35960	23.888	19.726	.65595	.21163
#3	13.090	.40041	.37765	23.780	19.897	.65522	.20669

Sample Name: K4883-05A Acquired: 9/20/2019 15:48:55 Type: Unk
Method: P4-ICP2(v3395) 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	.20857	5.993	.35660	3.7366	F<.00000
Stddev	.00477	.020	.00180	.1188	4.0600
%RSD	2.2878	.3361	.50571	3.1794	30.859
#1	.20861	5.990	.35504	3.8732	-17.356
#2	.21332	6.015	.35618	3.6576	-9.2528
#3	.20377	5.975	.35857	3.6790	-12.860
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2397.6	26961.	2654.6	143.35	2444.7
Stddev	11.1	40.	10.5	1.82	16.0
%RSD	.46363	.14769	.39677	1.2668	.65547
#1	2387.9	26932.	2660.9	142.62	2427.4
#2	2395.2	27006.	2660.4	145.41	2447.6
#3	2409.8	26944.	2642.4	142.01	2459.1

Sample Name: K4883-08 Acquired: 9/20/2019 15:53:01 Type: Unk
Method: P4-ICP2(v3395) 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	-.00454	-.00085	.02584	.00502	-.00267	.86360	.12252	.00021
Stddev	.00112	.00110	.00045	.00296	.00255	.00456	.00121	.00006
%RSD	24.671	128.89	1.7367	59.011	95.422	.52754	.99117	29.583
#1	-.00579	-.00128	.02548	.00161	-.00559	.85979	.12377	.00021
#2	-.00362	-.00168	.02569	.00651	-.00091	.86236	.12245	.00015
#3	-.00421	.00040	.02634	.00693	-.00150	.86864	.12134	.00027
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	75.723	.00312	.00023	.00267	.66989	.05066	14.955
Stddev	.00009	1.725	.00042	.00015	.00039	.00550	.00025	.165
%RSD	94.772	2.2782	13.481	65.462	14.796	.82133	.49693	1.1041
#1	.00001	73.761	.00351	.00024	.00284	.67602	.05095	14.773
#2	-.00013	76.410	.00267	.00008	.00222	.66829	.05049	15.094
#3	-.00016	77.000	.00316	.00038	.00295	.66537	.05053	14.999
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	-.00062	84.161	.00348	.10913	3.2201	.00001	.06022
Stddev	.00031	.00049	.370	.00095	.00029	.1134	.00022	.00885
%RSD	18.633	78.786	.44001	27.187	.27029	3.5229	1866.3	14.700
#1	.00156	-.00014	83.740	.00314	.10922	3.0956	.00026	.06330
#2	.00205	-.00111	84.308	.00456	.10937	3.3177	-.00005	.06711
#3	.00145	-.00059	84.436	.00276	.10880	3.2470	-.00017	.05024
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.788	F 19.667	-.00927	.02215	.01207	.3518	.17216	3.5118
Stddev	.051	.402	.00030	.00203	.01238	.0042	.00453	.2921
%RSD	.20495	2.0436	3.2180	9.1660	102.57	1.206	2.6285	8.3168
#1	24.747	19.215	-.00961	.02130	.00070	.3563	.16694	3.5406
#2	24.845	19.800	-.00910	.02068	.01024	.3511	.17490	3.7884
#3	24.772	19.985	-.00910	.02446	.02526	.3479	.17465	3.2064

Sample Name: K4883-08 Acquired: 9/20/2019 15:53:01 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.6803
Stddev	2.2580
%RSD	61.352

#1	6.2851
#2	2.4774
#3	2.2786

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2420.1	27002.	2704.9	141.45	2487.5
Stddev	14.9	91.	38.6	2.43	14.4
%RSD	.61521	.33722	1.4284	1.7195	.58074

#1	2404.3	26900.	2749.2	144.23	2471.4
#2	2422.4	27033.	2687.1	139.70	2499.2
#3	2433.8	27074.	2678.3	140.42	2491.9

Sample Name: K4964-01 Acquired: 9/20/2019 15:57:23 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20151	.00369	.55644	.01433	.00519	172.90	.76822
Stddev	.00344	.00247	.00131	.00140	.00225	6.28	.03742
%RSD	1.7062	66.887	.23518	9.7816	43.418	3.6327	4.8713

#1	.20542	.00365	.55733	.01533	.00360	176.26	.78792
#2	.20017	.00618	.55706	.01492	.00420	176.78	.79169
#3	.19894	.00124	.55494	.01273	.00776	165.65	.72507

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00867	.01638	30.341	.22448	.13626	.49957	243.23
Stddev	.00054	.00028	.170	.01140	.00051	.00420	9.11
%RSD	6.2501	1.6794	.56073	5.0763	.37137	.84133	3.7452

#1	.00873	.01663	30.325	.23145	.13665	.49661	249.71
#2	.00919	.01608	30.179	.23066	.13569	.49773	247.17
#3	.00811	.01644	30.519	.21133	.13643	.50438	232.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4206	46.369	.24983	-.00437	4.6059	.42006	1.5854
Stddev	.1993	1.564	.00069	.00093	.1793	.01773	.0040
%RSD	4.5088	3.3725	.27773	21.351	3.8937	4.2216	.24901

#1	4.5368	47.283	.24967	-.00432	4.7170	.42784	1.5812
#2	4.5346	47.261	.24922	-.00533	4.7017	.43257	1.5860
#3	4.1905	44.563	.25058	-.00346	4.3990	.39977	1.5890

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.041	.00569	.27292	3.0224	1.8595	.03795	3.5332
Stddev	.379	.00022	.01109	.0086	.0043	.00089	.0129
%RSD	3.7762	3.8146	4.0622	.28347	.23252	2.3485	.36629

#1	10.247	.00547	.28235	3.0202	1.8550	.03702	3.5369
#2	10.273	.00569	.27571	3.0319	1.8636	.03805	3.5188
#3	9.6035	.00590	.26071	3.0151	1.8598	.03880	3.5438

Sample Name: K4964-01 Acquired: 9/20/2019 15:57:23 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16702	7.087	-.10038	<.00000	F<.00000
Stddev	.00485	.006	.01015	.68687	6.7364
%RSD	2.9037	.0891	10.110	33.534	.84209

#1	.17138	7.080	-.10711	-1.6503	-801.99
#2	.16180	7.091	-.10532	-1.6531	-805.45
#3	.16790	7.091	-.08871	-2.8414	-792.44

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2936.8	33057.	3218.4	144.64	2446.2
Stddev	12.9	1266.	22.6	1.99	6.8
%RSD	.43945	3.8298	.70301	1.3770	.27971

#1	2951.5	32254.	3199.3	142.44	2454.1
#2	2931.1	32400.	3243.4	145.12	2442.9
#3	2927.6	34516.	3212.4	146.34	2441.7

Sample Name: K4964-02 Acquired: 9/20/2019 16:01:48 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18424	.00459	.60093	.01561	.00151	167.31	.77982
Stddev	.00317	.00062	.00308	.00090	.00149	2.56	.01478
%RSD	1.7225	13.615	.51296	5.7466	98.805	1.5309	1.8956

#1	.18689	.00493	.60424	.01578	.00211	169.06	.78971
#2	.18510	.00387	.60040	.01641	-.00019	164.37	.76283
#3	.18072	.00497	.59814	.01464	.00261	168.49	.78693

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01028	.01531	26.328	.24152	.13431	.54353	238.06
Stddev	.00019	.00005	2.432	.00043	.00042	.00043	.59
%RSD	1.7992	.35864	9.2361	.17842	.31630	.07857	.24811

#1	.01038	.01537	28.018	.24178	.13425	.54319	238.41
#2	.01007	.01526	23.541	.24177	.13476	.54401	237.38
#3	.01040	.01530	27.423	.24103	.13392	.54338	238.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3228	42.727	.26167	-.00491	4.5124	.40991	1.9421
Stddev	.0072	.845	.00084	.00045	.0785	.00143	.0046
%RSD	.16550	1.9787	.32093	9.1541	1.7407	.34841	.23529

#1	4.3300	43.386	.26263	-.00443	4.5728	.41061	1.9470
#2	4.3227	41.774	.26109	-.00532	4.4236	.41086	1.9379
#3	4.3157	43.020	.26129	-.00499	4.5408	.40827	1.9415

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7573	.00767	.29385	2.7555	2.1087	.05485	3.1073
Stddev	.1741	.00024	.00062	.0103	.1499	.00122	.2833
%RSD	1.7843	3.1326	.20963	.37393	7.1107	2.2278	9.1183

#1	9.8923	.00743	.29316	2.7495	2.2263	.05611	3.2942
#2	9.5608	.00791	.29407	2.7674	1.9399	.05367	2.7813
#3	9.8188	.00765	.29433	2.7496	2.1599	.05476	3.2464

Sample Name: K4964-02 Acquired: 9/20/2019 16:01:48 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13880	6.961	-.11355	<.00000	F<.00000
Stddev	.02665	.005	.01330	.33123	6.0839
%RSD	19.197	.0739	11.715	14.726	.80800
#1	.16236	6.959	-.10470	-1.9001	-752.25
#2	.10988	6.958	-.12885	-2.2887	-759.37
#3	.14416	6.967	-.10710	-2.5590	-747.26
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2984.6	32926.	3413.8	154.60	2446.6
Stddev	11.2	61.	265.4	14.70	9.2
%RSD	.37381	.18418	7.7751	9.5069	.37725
#1	2971.9	32867.	3242.4	146.18	2436.0
#2	2992.8	32988.	3719.6	171.57	2453.2
#3	2989.0	32922.	3279.5	146.05	2450.4

Sample Name: K4967-01 Acquired: 9/20/2019 16:06:13 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-01-H0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11262	.00717	.03417	.01595	.00020	37.836	.12035
Stddev	.00874	.00237	.00096	.00877	.00092	4.483	.04958
%RSD	7.7571	33.048	2.8023	54.985	454.89	11.848	41.199

#1	.12266	.00976	.03522	.02568	-.00051	43.012	.17760
#2	.10845	.00512	.03397	.00864	.00124	35.172	.09174
#3	.10675	.00662	.03333	.01354	-.00013	35.325	.09171

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00292	.00639	.32813	.09309	.00564	.02724	182.70
Stddev	.00055	.00035	.05880	.01250	.00014	.00952	24.50
%RSD	18.937	5.4339	17.921	13.431	2.3987	34.949	13.408

#1	.00354	.00608	.26033	.10753	.00559	.01632	210.81
#2	.00276	.00677	.35885	.08587	.00554	.03380	165.93
#3	.00247	.00633	.36522	.08588	.00579	.03161	171.36

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13686	1.2250	-.00604	-.00358	.06459	.17312	.06245
Stddev	.01916	.1704	.00041	.00114	.02725	.02425	.00703
%RSD	14.001	13.912	6.8470	31.924	42.190	14.010	11.253

#1	.15895	1.4202	-.00595	-.00478	.09606	.20109	.05442
#2	.12477	1.1491	-.00649	-.00345	.04849	.15795	.06749
#3	.12685	1.1057	-.00567	-.00250	.04923	.16032	.06543

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3777	.00738	.13637	.60002	1.5307	.00283	.74835
Stddev	.2439	.00018	.02580	.00868	.0330	.00084	.00638
%RSD	17.704	2.4137	18.916	1.4469	2.1529	29.704	.85188

#1	1.6588	.00740	.16609	.61001	1.5682	.00238	.75447
#2	1.2228	.00755	.11975	.59576	1.5178	.00230	.74175
#3	1.2514	.00720	.12327	.59430	1.5062	.00379	.74883

Sample Name: K4967-01 Acquired: 9/20/2019 16:06:13 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-01-H0 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.02352	1.812	-.16067	1.1142	F<.00000
Stddev	.00462	.002	.02684	1.7564	4.9414
%RSD	19.627	.1345	16.708	157.64	1.1598

#1	-.02836	1.810	-.19144	3.1222	-431.27
#2	-.02304	1.811	-.14202	-.13667	-421.43
#3	-.01917	1.815	-.14855	.35704	-425.51

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.8	29217.	3012.0	148.24	2647.7
Stddev	8.4	3412.	15.3	.29	2.8
%RSD	.30045	11.678	.50641	.19414	.10491

#1	2788.0	25279.	2994.4	148.00	2647.8
#2	2800.3	31299.	3022.3	148.56	2650.4
#3	2784.2	31073.	3019.1	148.18	2644.9

Sample Name: K4968-01 Acquired: 9/20/2019 16:10:38 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-03-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17060	.01069	.06611	.01520	-.00015	46.941	.06324
Stddev	.00204	.00155	.00099	.00226	.00163	.343	.00087
%RSD	1.1945	14.455	1.4961	14.888	1072.3	.73166	1.3719

#1	.16830	.01144	.06663	.01559	.00018	46.808	.06361
#2	.17128	.01172	.06497	.01277	.00129	47.331	.06387
#3	.17220	.00891	.06674	.01725	-.00192	46.683	.06225

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00404	.00870	.28588	.11425	.04190	.02977	188.02
Stddev	.00013	.00012	.00327	.00029	.00016	.00058	.64
%RSD	3.2472	1.3491	1.1446	.25595	.38983	1.9350	.33794

#1	.00415	.00858	.28408	.11416	.04192	.02968	188.64
#2	.00390	.00872	.28966	.11401	.04205	.03039	187.37
#3	.00407	.00881	.28391	.11458	.04172	.02925	188.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49608	1.1580	-.00768	-.00381	.05607	.18124	.13200
Stddev	.00103	.0265	.00054	.00019	.00549	.00078	.00081
%RSD	.20684	2.2845	6.9741	4.9836	9.7959	.42777	.61256

#1	.49670	1.1329	-.00714	-.00367	.05876	.18034	.13292
#2	.49665	1.1857	-.00768	-.00402	.04975	.18161	.13140
#3	.49490	1.1555	-.00821	-.00373	.05969	.18176	.13168

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0617	.06675	.14388	.46764	1.2207	.00399	.35386
Stddev	.0561	.00036	.00207	.00414	.0045	.00075	.00240
%RSD	2.7231	.54503	1.4390	.88572	.36489	18.726	.67686

#1	2.1261	.06717	.14419	.47238	1.2163	.00482	.35618
#2	2.0354	.06653	.14167	.46582	1.2206	.00377	.35400
#3	2.0235	.06655	.14577	.46473	1.2252	.00337	.35139

Sample Name: K4968-01 Acquired: 9/20/2019 16:10:38 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-03-01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.03758	.8131	-.19421	<.00000	F<.00000
Stddev	.00035	.0036	.00059	.15218	3.9466
%RSD	.92999	.4482	.30484	5.5949	.69110

#1	-.03741	.8160	-.19478	-2.5665	-566.58
#2	-.03798	.8090	-.19360	-2.7224	-574.00
#3	-.03734	.8144	-.19424	-2.8708	-572.62

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3130.2	34873.	3413.6	149.78	2597.3
Stddev	10.5	93.	5.8	3.73	10.0
%RSD	.33481	.26746	.16880	2.4898	.38476

#1	3119.1	34844.	3412.9	154.08	2586.6
#2	3131.5	34797.	3419.7	147.38	2598.7
#3	3140.0	34977.	3408.2	147.89	2606.5

Sample Name: K4969-01 Acquired: 9/20/2019 16:15:03 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-PS-01-059 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16137	.00783	.16832	.01434	-.00292	47.856	.10937
Stddev	.00349	.00054	.00224	.00241	.00172	.810	.00487
%RSD	2.1656	6.8483	1.3279	16.786	58.818	1.6917	4.4530

#1	.16269	.00808	.17089	.01712	-.00330	48.605	.11380
#2	.15741	.00820	.16726	.01294	-.00441	46.997	.10416
#3	.16401	.00721	.16681	.01297	-.00104	47.965	.11016

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	.00729	29.434	.21286	.00372	.11291	151.14
Stddev	.00016	.00019	2.552	.00080	.00019	.00076	1.72
%RSD	11.108	2.5528	8.6709	.37745	5.1934	.67451	1.1387

#1	.00132	.00709	30.861	.21377	.00393	.11236	152.96
#2	.00145	.00732	26.488	.21256	.00367	.11260	149.54
#3	.00165	.00746	30.954	.21225	.00355	.11378	150.91

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41561	4.4058	-.00390	-.00238	1.3858	.41203	.27234
Stddev	.00453	.0376	.00043	.00054	.0199	.00440	.00149
%RSD	1.0906	.85351	10.891	22.600	1.4334	1.0685	.54616

#1	.42084	4.4243	-.00342	-.00189	1.4041	.41710	.27083
#2	.41315	4.3625	-.00423	-.00295	1.3646	.40926	.27380
#3	.41284	4.4305	-.00406	-.00231	1.3885	.40972	.27240

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1806	.00700	.13925	4.0916	1.6183	.00764	.52252
Stddev	.0672	.00034	.00732	.0129	.1196	.00074	.04060
%RSD	1.6062	4.8336	5.2556	.31403	7.3911	9.6778	7.7692

#1	4.2298	.00731	.14674	4.0779	1.6984	.00818	.55061
#2	4.1041	.00664	.13889	4.1035	1.4808	.00680	.47598
#3	4.2080	.00706	.13212	4.0933	1.6756	.00794	.54099

Sample Name: K4969-01 Acquired: 9/20/2019 16:15:03 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-PS-01-059 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.03905	2.345	-.04702	<.00000	F<.00000
Stddev	.00562	.004	.00849	.20577	5.4279
%RSD	14.385	.1720	18.058	21.170	1.2963
#1	-.03748	2.342	-.04311	-.78577	-424.98
#2	-.04528	2.349	-.05676	-1.1929	-415.61
#3	-.03438	2.344	-.04119	-.93739	-415.55
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3104.7	34142.	3536.3	158.01	2614.6
Stddev	15.3	325.	275.0	13.77	14.8
%RSD	.49316	.95307	7.7761	8.7132	.56469
#1	3087.1	33767.	3369.1	148.74	2598.0
#2	3114.9	34351.	3853.7	173.83	2619.2
#3	3112.2	34309.	3386.2	151.47	2626.4

Sample Name: K4972-01 Acquired: 9/20/2019 16:19:23 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-046 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18017	.00688	2.3744	.01667	.00318	138.34	1.9181
Stddev	.00088	.00185	.0073	.00219	.00297	1.52	.0205
%RSD	.48804	26.937	.30916	13.152	93.526	1.1021	1.0666

#1	.17930	.00548	2.3667	.01916	.00571	137.31	1.9057
#2	.18106	.00898	2.3751	.01587	-.00009	140.09	1.9417
#3	.18016	.00618	2.3814	.01500	.00392	137.62	1.9068

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00972	.01854	184.71	.29313	.14524	.77153	232.53
Stddev	.00027	.00023	15.57	.00136	.00071	.00255	.28
%RSD	2.8155	1.2140	8.4311	.46392	.48811	.33107	.12152

#1	.00954	.01878	175.98	.29224	.14526	.76904	232.59
#2	.00958	.01834	202.69	.29470	.14452	.77415	232.23
#3	.01003	.01850	175.45	.29245	.14593	.77140	232.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0579	63.601	.68995	-.00802	6.6551	.41969	2.9055
Stddev	.0025	.731	.00019	.00024	.0691	.00119	.0022
%RSD	.04962	1.1494	.02687	2.9514	1.0385	.28314	.07585

#1	5.0570	63.034	.69015	-.00823	6.6142	.41857	2.9033
#2	5.0560	64.426	.68978	-.00776	6.7349	.41954	2.9054
#3	5.0607	63.343	.68991	-.00806	6.6162	.42094	2.9077

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.158	.00740	.19659	8.1637	1.8207	.24588	2.5185
Stddev	.096	.00011	.00229	.0225	.1325	.00089	.2034
%RSD	.73251	1.4770	1.1655	.27551	7.2788	.36372	8.0772

#1	13.115	.00730	.19924	8.1883	1.7542	.24668	2.3923
#2	13.268	.00752	.19534	8.1443	1.9733	.24491	2.7532
#3	13.090	.00739	.19520	8.1584	1.7346	.24604	2.4101

Sample Name: K4972-01 Acquired: 9/20/2019 16:19:23 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-GF-02-046 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14499	8.714	.41321	<.00000	F<.00000
Stddev	.02812	.022	.05615	.18663	3.2869
%RSD	19.395	.2529	13.589	11.675	.45344
#1	.12490	8.730	.38217	-1.4033	-723.32
#2	.17712	8.689	.47803	-1.6171	-722.67
#3	.13294	8.724	.37942	-1.7752	-728.66
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2934.1	32470.	3586.3	157.32	2337.1
Stddev	7.5	28.	245.9	12.74	.9
%RSD	.25656	.08483	6.8557	8.0960	.03680
#1	2935.7	32444.	3710.9	165.34	2336.1
#2	2925.9	32499.	3303.1	142.63	2337.4
#3	2940.7	32468.	3744.9	163.99	2337.8

Sample Name: CCV05 Acquired: 9/20/2019 16:23:39 Type: Unk
Method: P4-ICP2(v3395) 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	4.9121	4.8456	4.8211	4.9235	4.8688	9.7443	9.5821	.23879
Stddev	.0061	.0046	.0127	.0265	.0018	.4102	.3701	.01082
%RSD	.12384	.09446	.26426	.53793	.03595	4.2091	3.8624	4.5302
#1	4.9143	4.8489	4.8240	4.9051	4.8687	9.2828	9.1608	.22630
#2	4.9167	4.8404	4.8071	4.9539	4.8670	10.067	9.8546	.24508
#3	4.9052	4.8477	4.8320	4.9116	4.8705	9.8829	9.7311	.24499
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3691	23.837	.92786	2.3599	1.2233	4.7290	2.3889	23.856
Stddev	.0038	2.067	.03991	.0024	.0017	.2052	.1050	1.028
%RSD	.15929	8.6718	4.3008	.10060	.13713	4.3391	4.3948	4.3090
#1	2.3732	24.350	.88179	2.3625	1.2248	4.4922	2.2677	22.700
#2	2.3657	25.599	.95147	2.3593	1.2236	4.8408	2.4502	24.667
#3	2.3684	21.561	.95033	2.3578	1.2215	4.8541	2.4488	24.200
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3901	1.1813	23.592	2.3658	2.3947	24.448	4.9316	4.9203
Stddev	.0037	.0485	.908	.1082	.0025	.915	.0005	.1960
%RSD	.15487	4.1092	3.8477	4.5743	.10609	3.7419	.01038	3.9826
#1	2.3943	1.1252	22.556	2.2410	2.3972	23.397	4.9315	4.6951
#2	2.3886	1.2094	24.247	2.4240	2.3921	25.069	4.9321	5.0520
#3	2.3874	1.2092	23.973	2.4325	2.3948	24.878	4.9311	5.0137
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0050	4.8754	4.8071	4.7242	4.7941	5.018	4.7239	F 2.5081
Stddev	.0131	.3863	.0191	.4046	.4295	.018	.4134	.6942
%RSD	.26246	7.9237	.39769	8.5639	8.9590	.3607	8.7520	27.680
#1	5.0194	4.9476	4.8267	4.8322	4.9131	5.030	4.8579	1.7145
#2	4.9937	5.2206	4.8061	5.0638	5.1516	4.997	5.0538	2.8068
#3	5.0019	4.4581	4.7885	4.2765	4.3177	5.028	4.2601	3.0030

Sample Name: CCV05 Acquired: 9/20/2019 16:23:39 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 5.9709
Stddev .4397
%RSD 7.3649

#1 6.4098
#2 5.5303
#3 5.9725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2511.9	28641.	2860.4	147.39	2504.3
Stddev	6.0	1061.	244.9	12.84	9.0
%RSD	.24030	3.7056	8.5615	8.7121	.35990

#1	2505.3	29866.	2768.7	143.35	2493.9
#2	2513.5	28013.	2674.6	137.05	2509.2
#3	2517.0	28044.	3137.9	161.76	2509.8

Sample Name: CCB05 Acquired: 9/20/2019 16:27:36 Type: Unk
Method: P4-ICP2(v3395) 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	.00023	-.00109	-.00051	-.00229	-.00201	-.00194	.00495
Stddev	.00085	.00090	.00081	.00336	.00031	.00648	.01144
%RSD	376.08	82.482	158.44	146.74	15.427	333.49	231.20

#1	.00102	-.00023	-.00087	-.00448	-.00199	-.00391	.00144
#2	.00032	-.00102	.00042	.00158	-.00233	.00529	.01772
#3	-.00066	-.00202	-.00109	-.00396	-.00171	-.00721	-.00433

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00017	.02310	.00028	.00041	-.00164	-.00192
Stddev	.00009	.00005	.01291	.00054	.00010	.00035	.00226
%RSD	116.07	29.347	55.902	195.92	25.479	21.065	118.03

#1	.00015	.00017	.01626	.00058	.00042	-.00182	-.00193
#2	.00009	.00012	.03799	-.00035	.00030	-.00185	.00035
#3	-.00002	.00023	.01505	.00060	.00051	-.00124	-.00417

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	.05835	.00089	-.00021	.00695	-.00049	-.00026
Stddev	.00004	.01371	.00029	.00057	.02110	.00059	.00024
%RSD	18.430	23.495	32.738	267.01	303.56	119.68	91.956

#1	.00026	.07419	.00112	.00025	-.00062	-.00049	-.00022
#2	.00024	.05041	.00056	-.00085	.03079	-.00108	-.00004
#3	.00018	.05047	.00100	-.00004	-.00932	.00010	-.00051

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01733	.00116	-.01303	.00096	-.00385	-.00191	.00206
Stddev	.03348	.00016	.00610	.00414	.00268	.00059	.00068
%RSD	193.24	14.098	46.853	433.14	69.648	30.715	32.996

#1	-.04999	.00126	-.01905	-.00267	-.00626	-.00167	.00130
#2	-.01891	.00125	-.01318	.00547	-.00096	-.00148	.00262
#3	.01692	.00097	-.00685	.00007	-.00432	-.00258	.00227

Sample Name: CCB05 Acquired: 9/20/2019 16:27:36 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01586	.0002	.00037	F 2.0706	F 1.8544
Stddev	.00545	.0019	.00004	.9720	1.8847
%RSD	34.360	771.9	11.179	46.943	101.63
#1	-.02215	-.0004	.00036	1.5674	2.0540
#2	-.01288	-.0012	.00033	3.1910	-.12216
#3	-.01255	.0024	.00041	1.4533	3.6313
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2567.5	27982.	2800.2	149.03	2729.2
Stddev	8.4	1232.	1.4	.32	10.3
%RSD	.32868	4.4025	.04976	.21372	.37905
#1	2562.0	28572.	2799.9	148.70	2721.0
#2	2563.3	26566.	2801.7	149.05	2725.7
#3	2577.2	28809.	2799.0	149.34	2740.8

Sample Name: K4972-03 Acquired: 9/20/2019 16:32:04 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-046 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19150	.00862	2.5587	.02054	.01011	142.36	1.7192
Stddev	.00587	.00201	.0025	.00186	.00242	1.49	.0220
%RSD	3.0677	23.364	.09789	9.0701	23.947	1.0467	1.2796

#1	.19010	.00786	2.5604	.02239	.00733	143.13	1.7342
#2	.19794	.00711	2.5558	.02058	.01178	140.64	1.6939
#3	.18645	.01091	2.5598	.01866	.01121	143.31	1.7295

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01093	.01941	195.64	.28334	.15573	.80486	250.81
Stddev	.00032	.00015	17.51	.00164	.00102	.00207	.87
%RSD	2.8883	.78070	8.9486	.57961	.65639	.25668	.34699

#1	.01129	.01946	213.71	.28243	.15455	.80358	249.81
#2	.01078	.01923	178.75	.28237	.15632	.80376	251.42
#3	.01072	.01952	194.45	.28524	.15632	.80725	251.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1088	66.101	.66699	-.00916	6.8886	.42976	3.0916
Stddev	.0166	.493	.00166	.00033	.0739	.00335	.0101
%RSD	.32569	.74627	.24944	3.5809	1.0722	.77936	.32740

#1	5.1107	66.382	.66507	-.00926	6.9558	.43331	3.0820
#2	5.0913	65.532	.66785	-.00943	6.8095	.42932	3.0907
#3	5.1244	66.391	.66804	-.00879	6.9004	.42666	3.1022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.994	.00826	.22141	9.2664	2.0045	.47835	2.7461
Stddev	.135	.00019	.00531	.0228	.1727	.00278	.2483
%RSD	.96294	2.3202	2.4002	.24582	8.6136	.58205	9.0423

#1	14.122	.00820	.22550	9.2496	2.1916	.47514	2.9938
#2	13.854	.00811	.22333	9.2923	1.8514	.48016	2.4972
#3	14.007	.00847	.21541	9.2573	1.9704	.47974	2.7473

Sample Name: K4972-03 Acquired: 9/20/2019 16:32:04 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-GF-02-046 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17006	9.470	.49210	<.00000	F<.00000
Stddev	.02693	.018	.07041	.29970	8.7155
%RSD	15.835	.1916	14.308	10.863	1.0544

#1	.19887	9.460	.56533	-2.4135	-836.03
#2	.14553	9.459	.42490	-2.9125	-824.95
#3	.16578	9.491	.48608	-2.9505	-818.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2974.2	33076.	3393.5	144.89	2333.6
Stddev	3.2	27.	271.1	13.74	3.7
%RSD	.10618	.08145	7.9895	9.4818	.15730

#1	2972.4	33087.	3111.7	129.96	2337.1
#2	2977.8	33097.	3652.5	157.00	2333.9
#3	2972.4	33046.	3416.3	147.71	2329.8

Sample Name: K4662-15 Acquired: 9/20/2019 16:36:29 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-091819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00195	-.00162	.01433	.00132	-.00220	.11089	.08563	.00022
Stddev	.00291	.00198	.00073	.00376	.00218	.01309	.00142	.00001
%RSD	148.87	122.22	5.1051	284.89	99.286	11.807	1.6605	6.5826

#1	-.00530	-.00337	.01397	.00181	.00026	.10709	.08692	.00021
#2	-.00055	-.00203	.01517	.00481	-.00391	.10012	.08587	.00023
#3	-.00002	.00053	.01385	-.00266	-.00295	.12546	.08411	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	17.204	.00054	.00214	.01431	.09763	.32346	.80752
Stddev	.00005	.460	.00031	.00009	.00045	.00279	.00135	.03790
%RSD	39.801	2.6764	56.518	4.0300	3.1727	2.8586	.41659	4.6927

#1	.00015	17.694	.00064	.00215	.01408	.09952	.32486	.81071
#2	.00016	16.781	.00079	.00221	.01483	.09895	.32336	.84372
#3	.00007	17.137	.00020	.00204	.01401	.09442	.32217	.76814

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00220	-.00068	223.87	-.00110	.03429	.40348	-.00001	.00206
Stddev	.00057	.00060	1.78	.00058	.00008	.01681	.00026	.00312
%RSD	25.810	88.130	.79528	52.937	.24225	4.1651	1975.3	151.28

#1	.00170	-.00118	225.90	-.00177	.03436	.41953	-.00014	.00566
#2	.00282	-.00085	223.14	-.00070	.03430	.40489	.00029	.00020
#3	.00210	-.00001	222.57	-.00084	.03420	.38601	-.00019	.00032

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33325	.92236	-.00078	.00214	-.01915	.0065	.07786	2.6238
Stddev	.00131	.02705	.00085	.00176	.00477	.0003	.00226	.0311
%RSD	.39429	2.9326	109.02	82.209	24.884	5.345	2.8972	1.1863

#1	.33362	.95004	-.00161	.00028	-.02324	.0061	.08015	2.5980
#2	.33433	.89599	.00009	.00377	-.02030	.0068	.07564	2.6150
#3	.33179	.92104	-.00082	.00235	-.01392	.0067	.07780	2.6584

Sample Name: K4662-15 Acquired: 9/20/2019 16:36:29 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-091819 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.747
Stddev	1.261
%RSD	10.738

#1	12.669
#2	10.309
#3	12.262

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.7	27584.	2788.3	146.80	2465.4
Stddev	13.6	167.	72.1	5.23	12.0
%RSD	.54676	.60466	2.5859	3.5650	.48812

#1	2484.6	27419.	2710.1	141.39	2469.9
#2	2464.4	27581.	2852.1	151.83	2451.8
#3	2490.2	27752.	2802.8	147.18	2474.5

Sample Name: K4662-15DUP Acquired: 9/20/2019 16:40:56 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-091819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00195	-.00208	.01421	.00017	-.00179	.11332	.08600	.00013
Stddev	.00241	.00193	.00017	.00255	.00130	.01705	.00265	.00010
%RSD	123.18	92.969	1.1852	1529.6	72.453	15.049	3.0846	71.076

#1	-.00471	.00014	.01440	-.00277	-.00082	.12143	.08750	.00021
#2	-.00025	-.00340	.01414	.00178	-.00129	.12480	.08756	.00003
#3	-.00090	-.00297	.01408	.00149	-.00326	.09372	.08293	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	17.703	.00066	.00198	.01451	.09258	.33176	.84076
Stddev	.00003	.104	.00022	.00046	.00034	.00253	.00120	.02096
%RSD	58.289	.58973	33.878	23.235	2.3447	2.7371	.36188	2.4932

#1	.00007	17.802	.00045	.00165	.01431	.09292	.33269	.82102
#2	.00002	17.713	.00090	.00251	.01490	.09494	.33219	.86276
#3	.00008	17.594	.00063	.00178	.01432	.08990	.33041	.83850

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00201	.00008	228.91	-.00112	.03569	.48928	-.00040	.00038
Stddev	.00069	.00039	1.20	.00023	.00017	.03561	.00043	.00387
%RSD	34.375	466.34	.52257	20.283	.47181	7.2777	107.79	1026.3

#1	.00207	.00020	230.29	-.00109	.03570	.44817	-.00067	-.00200
#2	.00129	.00040	228.29	-.00137	.03586	.50913	-.00063	.00484
#3	.00267	-.00035	228.16	-.00091	.03552	.51054	.00010	-.00170

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34156	.94794	-.00006	.00431	-.01372	.0062	.07949	2.7590
Stddev	.00730	.01092	.00243	.00138	.00373	.0011	.00086	.2151
%RSD	2.1361	1.1515	3890.1	31.939	27.204	18.14	1.0789	7.7961

#1	.34001	.94763	-.00251	.00360	-.01643	.0072	.08045	2.9933
#2	.33516	.95901	-.00003	.00589	-.01528	.0050	.07923	2.7132
#3	.34951	.93719	.00235	.00343	-.00946	.0064	.07880	2.5704

Sample Name: K4662-15DUP Acquired: 9/20/2019 16:40:56 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-091819 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.166
Stddev	3.586
%RSD	27.236

#1	17.302
#2	10.935
#3	11.261

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2459.4	27336.	2775.5	144.26	2448.7
Stddev	5.0	147.	28.0	1.01	9.4
%RSD	.20441	.53781	1.0099	.70242	.38254

#1	2454.6	27182.	2753.9	143.12	2439.7
#2	2464.6	27351.	2765.4	144.58	2458.4
#3	2458.8	27475.	2807.1	145.07	2448.0

Sample Name: K4662-15LX5 Acquired: 9/20/2019 16:45:23 Type: Unk
Method: P4-ICP2(v3395) 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	-.00251	-.00091	.00224	-.00078	-.00062	.01194	.02725	.00008
Stddev	.00371	.00172	.00188	.00308	.00043	.00840	.02982	.00000
%RSD	147.63	190.19	83.988	392.70	69.065	70.385	109.43	6.1871

#1	.00105	-.00053	.00440	-.00432	-.00092	.00937	.01573	.00008
#2	-.00635	-.00278	.00132	.00128	-.00013	.02132	.06111	.00008
#3	-.00224	.00060	.00099	.00069	-.00080	.00512	.00491	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	3.3890	.00051	.00063	.00297	.01827	.07172	.19450
Stddev	.00005	.2588	.00032	.00020	.00048	.00435	.00888	.05078
%RSD	44.830	7.6356	62.040	31.772	16.320	23.786	12.387	26.108

#1	.00019	3.5253	.00044	.00062	.00310	.01641	.06815	.15466
#2	.00009	3.0906	.00086	.00043	.00243	.02324	.08183	.17717
#3	.00009	3.5512	.00024	.00083	.00337	.01517	.06517	.25168

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	.00035	46.566	-.00054	.00732	.16536	-.00070	-.01457
Stddev	.00032	.00047	4.591	.00043	.00003	.12407	.00017	.00567
%RSD	54.736	133.53	9.8586	79.861	.44731	75.034	24.832	38.927

#1	.00053	.00019	44.394	-.00087	.00733	.07161	-.00058	-.01071
#2	.00030	.00088	51.840	-.00069	.00734	.30605	-.00090	-.02108
#3	.00094	-.00002	43.465	-.00005	.00728	.11840	-.00062	-.01192

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06377	.18572	-.00140	.00179	-.01112	.0040	.01527	3.1788
Stddev	.00513	.01078	.00031	.00133	.00844	.0008	.00105	1.6877
%RSD	8.0461	5.8065	22.465	74.626	75.943	20.93	6.8763	53.092

#1	.06169	.19659	-.00147	.00062	-.00353	.0031	.01593	2.7734
#2	.06961	.17503	-.00106	.00151	-.02021	.0041	.01406	5.0322
#3	.06000	.18555	-.00167	.00324	-.00961	.0048	.01583	1.7307

Sample Name: K4662-15LX5 Acquired: 9/20/2019 16:45:23 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.1117
 Stddev 1.1974
 %RSD 19.592

#1 4.7296
 #2 6.8354
 #3 6.7702

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2503.6	26649.	2843.1	151.18	2587.5
Stddev	12.3	2764.	186.1	9.87	9.4
%RSD	.49326	10.373	6.5448	6.5304	.36218

#1	2489.6	27785.	2716.5	147.00	2576.7
#2	2508.6	23498.	3056.7	162.45	2591.9
#3	2512.7	28665.	2755.9	144.08	2593.8

Sample Name: K4662-15MS Acquired: 9/20/2019 16:49:51 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-091819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77804	1.9081	.98493	1.9194	.77066	2.1802	.30642
Stddev	.00559	.0024	.00704	.0053	.00527	.0197	.00692
%RSD	.71790	.12373	.71436	.27606	.68385	.90556	2.2579

#1	.77263	1.9058	.97681	1.9176	.76610	2.1662	.31399
#2	.78378	1.9105	.98899	1.9254	.77643	2.2028	.30483
#3	.77770	1.9080	.98901	1.9153	.76944	2.1715	.30043

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19545	.19174	19.790	.39558	.19817	.31806	3.0941
Stddev	.00065	.00139	.238	.00119	.00165	.00144	.0091
%RSD	.33485	.72475	1.2021	.30114	.83105	.45172	.29334

#1	.19620	.19041	19.536	.39689	.19628	.31733	3.0996
#2	.19514	.19318	20.007	.39456	.19924	.31971	3.0837
#3	.19501	.19163	19.827	.39531	.19900	.31713	3.0992

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56979	2.9073	.49768	.07005	253.40	.30805	.23737
Stddev	.00182	.0369	.00349	.00029	1.02	.00049	.00196
%RSD	.31933	1.2675	.70203	.41001	.40252	.15941	.82529

#1	.57142	2.9479	.49490	.06977	253.91	.30751	.23563
#2	.56783	2.8759	.50160	.07034	252.22	.30817	.23949
#3	.57014	2.8983	.49654	.07004	254.06	.30848	.23697

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.033	.41324	.31581	.37913	1.9339	.69083	.19745
Stddev	.045	.00088	.00379	.00838	.0132	.00535	.00412
%RSD	.40384	.21278	1.2001	2.2112	.68131	.77422	2.0877

#1	10.982	.41245	.31192	.36962	1.9191	.68552	.19394
#2	11.064	.41419	.31949	.38547	1.9386	.69621	.20199
#3	11.052	.41307	.31601	.38229	1.9441	.69076	.19643

Sample Name: K4662-15MS Acquired: 9/20/2019 16:49:51 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-091819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18471	6.033	.27554	3.4008	F<.00000
Stddev	.00869	.043	.00273	.1827	2.3779
%RSD	4.7066	.7064	.98931	5.3720	71.368
#1	.17479	6.003	.27241	3.2123	-.67375
#2	.19103	6.082	.27742	3.5771	-5.2569
#3	.18830	6.016	.27677	3.4129	-4.0648
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2414.7	26875.	2695.0	143.22	2389.8
Stddev	6.5	103.	20.1	1.84	12.2
%RSD	.26782	.38447	.74604	1.2813	.51156
#1	2416.6	26761.	2715.6	144.30	2401.5
#2	2407.5	26961.	2675.4	144.26	2377.1
#3	2420.0	26904.	2693.8	141.10	2390.6

Sample Name: K4662-15MSD Acquired: 9/20/2019 16:53:57 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-091819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78160	1.9132	.98883	1.9184	.77251	2.1940	.30566
Stddev	.00662	.0060	.00370	.0031	.00123	.0277	.00644
%RSD	.84756	.31131	.37455	.16026	.15928	1.2614	2.1072

#1	.78919	1.9131	.98935	1.9184	.77317	2.1737	.31065
#2	.77697	1.9192	.99225	1.9215	.77327	2.2255	.30793
#3	.77865	1.9073	.98490	1.9153	.77109	2.1828	.29839

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19651	.19225	19.881	.39696	.19892	.32004	3.1124
Stddev	.00054	.00010	.065	.00187	.00040	.00048	.0141
%RSD	.27429	.04999	.32528	.47176	.20256	.14922	.45160

#1	.19625	.19215	19.822	.39492	.19890	.31951	3.1031
#2	.19713	.19234	19.950	.39861	.19933	.32017	3.1286
#3	.19616	.19228	19.871	.39735	.19852	.32044	3.1056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57290	2.9346	.49896	.07033	251.71	.31030	.23862
Stddev	.00322	.0451	.00157	.00044	1.43	.00090	.00085
%RSD	.56181	1.5354	.31436	.62478	.56864	.28998	.35658

#1	.57092	2.9267	.49742	.06983	250.67	.31002	.23788
#2	.57661	2.9831	.50056	.07066	253.34	.31131	.23955
#3	.57116	2.8940	.49890	.07050	251.12	.30957	.23843

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.053	.41442	.31201	.38238	1.9681	.69604	.19851
Stddev	.149	.00089	.01494	.00506	.0010	.00063	.00233
%RSD	1.3469	.21364	4.7895	1.3228	.04910	.09068	1.1724

#1	10.935	.41480	.32884	.38283	1.9690	.69544	.19923
#2	11.221	.41505	.30031	.38720	1.9681	.69597	.19590
#3	11.004	.41340	.30687	.37712	1.9671	.69670	.20039

Sample Name: K4662-15MSD Acquired: 9/20/2019 16:53:57 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-091819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18713	6.051	.27569	3.6236	F<.00000
Stddev	.00869	.010	.00160	.2207	3.9744
%RSD	4.6447	.1689	.57966	6.0906	76.648

#1	.18441	6.049	.27591	3.4660	-3.6257
#2	.18012	6.062	.27717	3.8758	-9.7028
#3	.19685	6.041	.27399	3.5289	-2.2271

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2401.2	26680.	2655.3	142.55	2375.5
Stddev	6.9	94.	13.8	2.12	7.9
%RSD	.28720	.35291	.52085	1.4870	.33249

#1	2406.9	26649.	2639.9	140.54	2382.0
#2	2393.5	26605.	2659.0	142.33	2366.7
#3	2403.1	26786.	2666.8	144.77	2377.8

Sample Name: K4662-15A Acquired: 9/20/2019 16:58:04 Type: Unk
Method: P4-ICP2(v3395) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77713	1.8982	.98215	1.9061	.76852	2.1954	.30066
Stddev	.00852	.0097	.00554	.0082	.00393	.0178	.00360
%RSD	1.0967	.50840	.56389	.42801	.51161	.81112	1.1965

#1	.78266	1.9085	.98218	1.9155	.77238	2.1834	.30442
#2	.76731	1.8968	.98767	1.9005	.76867	2.1869	.30031
#3	.78142	1.8894	.97659	1.9024	.76452	2.2159	.29725

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19460	.19130	19.928	.39541	.19777	.31775	3.0812
Stddev	.00016	.00023	.074	.00108	.00047	.00034	.0114
%RSD	.07995	.11962	.37133	.27331	.23843	.10566	.36939

#1	.19449	.19150	19.843	.39650	.19745	.31746	3.0692
#2	.19478	.19136	19.980	.39434	.19831	.31766	3.0824
#3	.19453	.19105	19.961	.39537	.19755	.31811	3.0919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56778	2.9154	.49767	.06994	251.03	.30726	.23651
Stddev	.00125	.0473	.00139	.00032	.65	.00142	.00034
%RSD	.21986	1.6214	.27996	.46406	.25829	.46215	.14492

#1	.56886	2.8660	.49827	.06960	250.47	.30744	.23612
#2	.56808	2.9202	.49866	.07000	250.89	.30576	.23675
#3	.56641	2.9602	.49608	.07024	251.74	.30859	.23667

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.920	.41205	.30780	.37150	1.9526	.68866	.19907
Stddev	.051	.00051	.00501	.00632	.0129	.00260	.00095
%RSD	.46435	.12446	1.6267	1.7005	.66115	.37788	.47568

#1	10.881	.41161	.31210	.37785	1.9489	.68949	.19981
#2	10.902	.41261	.30899	.37145	1.9669	.69074	.19800
#3	10.977	.41194	.30230	.36521	1.9419	.68574	.19941

Sample Name: K4662-15A Acquired: 9/20/2019 16:58:04 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19160	6.010	.27589	3.6940	F<.00000
Stddev	.01169	.012	.00219	.2911	4.1771
%RSD	6.1006	.1906	.79295	7.8793	83.897

#1	.19124	6.010	.27385	4.0184	-1.7263
#2	.20347	6.021	.27820	3.4555	-3.5206
#3	.18010	5.998	.27561	3.6083	-9.6896

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2424.4	26892.	2667.0	140.41	2398.8
Stddev	16.0	30.	9.9	2.10	13.1
%RSD	.65931	.11039	.36957	1.4926	.54407

#1	2406.7	26899.	2672.8	139.11	2383.9
#2	2437.8	26918.	2655.6	142.83	2408.0
#3	2428.7	26860.	2672.5	139.30	2404.6

Sample Name: K4866-10 Acquired: 9/20/2019 17:02:11 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ROLL-OFF Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00464	-.00203	.00171	.00450	-.00116	.03722	.10316	.00008
Stddev	.00274	.00257	.00131	.00139	.00057	.01162	.00255	.00006
%RSD	58.982	126.36	76.792	30.904	49.249	31.221	2.4684	75.311

#1	.00159	.00014	.00287	.00554	-.00159	.02450	.10585	.00012
#2	.00689	-.00487	.00028	.00505	-.00051	.03988	.10286	.00009
#3	.00545	-.00137	.00197	.00292	-.00138	.04729	.10078	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	7.1224	.00018	.01504	.00007	6.8686	.59254	1.4408
Stddev	.00008	.0555	.00027	.00030	.00024	.0101	.00063	.0310
%RSD	45.876	.77975	153.48	2.0061	353.56	.14688	.10707	2.1489

#1	.00025	7.1802	.00047	.01528	.00023	6.8774	.59326	1.4050
#2	.00009	7.0694	-.00006	.01514	.00018	6.8576	.59206	1.4587
#3	.00020	7.1177	.00012	.01470	-.00021	6.8708	.59231	1.4586

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02599	-.00067	247.36	-.00118	.28227	.81609	-.00065	.08974
Stddev	.00045	.00067	1.24	.00022	.00096	.06281	.00012	.00527
%RSD	1.7312	100.41	.50078	18.279	.34014	7.6962	18.334	5.8718

#1	.02555	-.00022	247.16	-.00095	.28210	.81391	-.00061	.08374
#2	.02645	-.00035	246.23	-.00138	.28331	.75440	-.00056	.09362
#3	.02597	-.00145	248.68	-.00121	.28141	.87995	-.00079	.09186

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5685	.20800	-.00256	.00395	-.00464	.0381	.04558	2.8780
Stddev	.0219	.00373	.00048	.00120	.00829	.0037	.00035	.3041
%RSD	.33338	1.7913	18.958	30.458	178.58	9.750	.76536	10.566

#1	6.5595	.21141	-.00242	.00490	-.00678	.0418	.04587	3.2285
#2	6.5934	.20403	-.00310	.00260	-.01165	.0344	.04519	2.7215
#3	6.5525	.20857	-.00216	.00434	.00451	.0381	.04568	2.6841

Sample Name: K4866-10 Acquired: 9/20/2019 17:02:11 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ROLL-OFF Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .98502
 Stddev .81618
 %RSD 82.859

#1 .33525
 #2 1.9011
 #3 .71873

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2417.3	26645.	2703.6	139.95	2430.1
Stddev	15.4	115.	38.9	1.62	21.2
%RSD	.63648	.43217	1.4407	1.1604	.87181

#1	2411.0	26535.	2665.4	141.78	2424.0
#2	2406.1	26765.	2743.2	139.42	2412.6
#3	2434.8	26636.	2702.0	138.66	2453.7

Sample Name: K4957-13 Acquired: 9/20/2019 17:06:33 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-38-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	-.00050	-.00160	-.00004	.00029	-.00041	.02895	.24196	.00001
Stddev	.00221	.00091	.00197	.00447	.00305	.00475	.00428	.00009
%RSD	443.40	56.540	5497.4	1533.4	748.89	16.390	1.7689	1515.2

#1	.00161	-.00192	-.00001	.00413	-.00209	.03377	.24181	.00011
#2	-.00280	-.00230	-.00202	.00137	-.00225	.02428	.24632	-.00004
#3	-.00031	-.00058	.00192	-.00462	.00312	.02880	.23776	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	3.3155	.00357	.00391	.00175	.00422	.38084	.68449
Stddev	.00004	.0575	.00029	.00005	.00024	.00106	.00042	.02448
%RSD	57.291	1.7358	8.1669	1.3225	13.852	24.986	.10970	3.5769

#1	.00004	3.2491	.00390	.00390	.00195	.00510	.38036	.66064
#2	.00006	3.3506	.00342	.00387	.00183	.00305	.38104	.68326
#3	.00012	3.3468	.00338	.00397	.00148	.00451	.38111	.70956

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00585	-.00037	243.23	-.00099	.17176	.96608	-.00028	.05983
Stddev	.00050	.00027	1.16	.00025	.00111	.02085	.00033	.00520
%RSD	8.4853	72.657	.47660	25.707	.64636	2.1578	118.80	8.6882

#1	.00538	-.00042	241.90	-.00074	.17102	.95592	-.00016	.05453
#2	.00637	-.00062	243.79	-.00125	.17303	.99006	-.00066	.06003
#3	.00579	-.00008	244.01	-.00098	.17121	.95227	-.00002	.06492

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73300	.44413	-.00054	.00286	-.00485	.0023	.02719	2.7377
Stddev	.00216	.01159	.00034	.00327	.00445	.0036	.00054	.1941
%RSD	.29529	2.6085	62.514	114.19	91.724	155.3	1.9858	7.0886

#1	.73278	.43154	-.00026	-.00075	-.00817	.0053	.02657	2.5673
#2	.73527	.45434	-.00044	.00562	.00020	-.0017	.02743	2.9489
#3	.73096	.44651	-.00091	.00372	-.00658	.0035	.02757	2.6967

Sample Name: K4957-13 Acquired: 9/20/2019 17:06:33 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-38-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 16.372
 Stddev 2.454
 %RSD 14.989

#1 15.691
 #2 19.094
 #3 14.330

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2413.1	26851.	2709.7	141.90	2412.5
Stddev	2.6	17.	36.6	.35	9.7
%RSD	.10740	.06224	1.3523	.24891	.40261

#1	2415.9	26832.	2752.0	141.54	2416.3
#2	2412.8	26857.	2688.3	142.25	2401.5
#3	2410.7	26863.	2688.7	141.91	2419.8

Sample Name: K4957-14 Acquired: 9/20/2019 17:10:58 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-42-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	-.00226	-.00158	.00215	-.00139	.00012	.02308	.31009	.00007
Stddev	.00155	.00081	.00122	.00193	.00314	.00705	.00319	.00019
%RSD	68.654	51.514	56.589	138.62	2670.3	30.539	1.0298	276.08

#1	-.00050	-.00085	.00081	-.00359	.00256	.01960	.31274	-.00014
#2	-.00288	-.00246	.00244	.00006	.00123	.01845	.30654	.00012
#3	-.00342	-.00144	.00319	-.00065	-.00343	.03120	.31099	.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	8.3666	.00186	.00012	.00152	.00091	.02711	1.8583
Stddev	.00009	.0939	.00049	.00013	.00012	.00029	.00003	.0534
%RSD	153.19	1.1222	26.465	104.77	8.1010	31.608	.11215	2.8719

#1	-.00005	8.2744	.00209	-.00000	.00166	.00058	.02714	1.8697
#2	.00003	8.3634	.00129	.00012	.00142	.00108	.02708	1.8002
#3	-.00015	8.4621	.00219	.00025	.00147	.00107	.02712	1.9051

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00309	-.00002	286.30	-.00053	.17461	.73349	-.00040	.08036
Stddev	.00058	.00049	5.84	.00032	.00055	.00766	.00025	.00376
%RSD	18.749	2236.5	2.0407	60.069	.31222	1.0448	63.009	4.6806

#1	.00271	.00032	280.30	-.00035	.17474	.73469	-.00068	.07603
#2	.00376	.00020	286.64	-.00090	.17401	.72529	-.00034	.08284
#3	.00281	-.00059	291.97	-.00035	.17508	.74048	-.00019	.08220

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69875	.58781	-.00141	.00275	-.00775	.0141	.04541	2.9983
Stddev	.00916	.00389	.00052	.00161	.00359	.0008	.00020	.3088
%RSD	1.3116	.66250	37.244	58.481	46.402	5.780	.44006	10.300

#1	.70395	.58582	-.00081	.00457	-.00361	.0140	.04531	3.0879
#2	.68817	.58532	-.00179	.00152	-.01008	.0150	.04528	3.2524
#3	.70414	.59230	-.00162	.00216	-.00955	.0134	.04564	2.6546

Sample Name: K4957-14 Acquired: 9/20/2019 17:10:58 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-42-COMP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	15.286
Stddev	3.111
%RSD	20.351

#1	17.772
#2	16.290
#3	11.797

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2429.8	26766.	2695.8	139.15	2421.4
Stddev	28.2	79.	7.0	.84	33.2
%RSD	1.1591	.29589	.25897	.60258	1.3696

#1	2413.5	26679.	2698.2	140.11	2397.6
#2	2462.3	26834.	2687.9	138.55	2459.3
#3	2413.6	26784.	2701.3	138.80	2407.3

Sample Name: CCV06 Acquired: 9/20/2019 17:15:32 Type: Unk
Method: P4-ICP2(v3395) 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	4.9144	4.8697	4.8428	4.9008	4.8689	9.8173	9.5504	.24660
Stddev	.0157	.0088	.0200	.0285	.0200	.1268	.1548	.00078
%RSD	.31916	.18029	.41232	.58243	.41036	1.2916	1.6210	.31823
#1	4.9249	4.8656	4.8540	4.9233	4.8862	9.7910	9.5112	.24583
#2	4.8963	4.8638	4.8198	4.8687	4.8470	9.7057	9.4190	.24657
#3	4.9219	4.8798	4.8547	4.9105	4.8734	9.9552	9.7211	.24740
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3775	23.274	.96164	2.3695	1.2288	4.8853	2.4707	24.059
Stddev	.0066	1.941	.00140	.0046	.0074	.0095	.0053	.413
%RSD	.27886	8.3377	.14536	.19415	.60373	.19430	.21447	1.7153
#1	2.3817	24.109	.96078	2.3726	1.2359	4.8803	2.4718	23.945
#2	2.3698	21.056	.96088	2.3642	1.2211	4.8794	2.4649	23.715
#3	2.3808	24.657	.96325	2.3716	1.2294	4.8963	2.4753	24.517
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4073	1.2179	23.591	2.4434	2.4017	24.545	4.9681	4.9507
Stddev	.0072	.0043	.340	.0034	.0080	.375	.0245	.0715
%RSD	.30044	.35088	1.4414	.13933	.33419	1.5261	.49283	1.4445
#1	2.4127	1.2136	23.537	2.4397	2.4094	24.375	4.9903	4.9647
#2	2.3991	1.2181	23.282	2.4464	2.3934	24.285	4.9418	4.8733
#3	2.4101	1.2221	23.955	2.4440	2.4023	24.974	4.9721	5.0142
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9423	4.8550	4.8218	4.6024	4.7106	5.028	4.5810	F 2.9977
Stddev	.0132	.3536	.0247	.3912	.4043	.012	.3823	.3396
%RSD	.26669	7.2835	.51181	8.5000	8.5833	.2387	8.3455	11.330
#1	4.9426	5.0564	4.8488	4.8023	4.8971	5.042	4.7595	3.1065
#2	4.9289	4.4467	4.8003	4.1517	4.2467	5.021	4.1421	2.6170
#3	4.9553	5.0619	4.8164	4.8534	4.9880	5.022	4.8413	3.2696

Sample Name: CCV06 Acquired: 9/20/2019 17:15:32 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.1109
Stddev	2.0292
%RSD	39.703

#1	6.3407
#2	2.7687
#3	6.2232

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2466.4	27559.	2823.3	146.07	2460.5
Stddev	17.5	101.	219.3	11.47	13.4
%RSD	.71052	.36826	7.7678	7.8489	.54533

#1	2447.9	27588.	2698.3	140.40	2446.2
#2	2482.7	27643.	3076.5	159.26	2472.8
#3	2468.7	27446.	2695.0	138.54	2462.6

Sample Name: CCB06 Acquired: 9/20/2019 17:19:28 Type: Unk
Method: P4-ICP2(v3395) 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	.00078	-.00133	.00001	-.00058	-.00165	.02774	-.00727	.00011
Stddev	.00117	.00107	.00040	.00140	.00151	.00965	.00426	.00004
%RSD	151.12	80.427	2943.4	240.86	91.488	34.772	58.523	38.359

#1	.00048	-.00062	-.00039	-.00218	-.00315	.03358	-.01140	.00006
#2	.00207	-.00257	.00002	.00003	-.00168	.01661	-.00752	.00014
#3	-.00022	-.00081	.00041	.00041	-.00012	.03305	-.00290	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.01480	.00079	.00034	-.00127	-.00310	.00026	.03769
Stddev	.00001	.00894	.00047	.00034	.00010	.00044	.00004	.04740
%RSD	10.958	60.409	59.854	99.123	7.7963	14.281	13.308	125.74

#1	.00012	.00459	.00044	.00009	-.00123	-.00296	.00025	.08872
#2	.00010	.01858	.00060	.00073	-.00120	-.00274	.00030	-.00495
#3	.00010	.02123	.00132	.00021	-.00139	-.00359	.00024	.02931

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00086	-.00009	.07140	-.00086	-.00038	.00717	.00101	-.00684
Stddev	.00022	.00034	.01640	.00040	.00001	.01529	.00089	.00517
%RSD	25.447	380.15	22.965	46.034	3.8867	213.24	88.512	75.523

#1	.00066	-.00016	.05268	-.00117	-.00038	.01304	.00196	-.00928
#2	.00083	-.00039	.08323	-.00042	-.00040	.01865	.00090	-.01033
#3	.00109	.00028	.07829	-.00100	-.00037	-.01018	.00018	-.00091

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00086	.00298	-.00064	.00474	-.00154	.0016	.00010	1.9306
Stddev	.00080	.00251	.00065	.00086	.01674	.0021	.00008	.1026
%RSD	93.760	84.357	102.34	18.105	1084.1	128.9	78.136	5.3161

#1	-.00151	.00354	-.00036	.00523	-.00751	-.0003	.00017	1.8123
#2	-.00111	.00023	-.00017	.00525	-.01449	.0039	.00013	1.9958
#3	.00004	.00517	-.00139	.00375	.01736	.0014	.00001	1.9838

Sample Name: CCB06 Acquired: 9/20/2019 17:19:28 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5240
Stddev 2.9831
%RSD 195.74

#1 1.3790
#2 -1.3840
#3 4.5770

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2519.3	28319.	2636.2	140.90	2677.8
Stddev	3.6	341.	85.6	5.84	8.9
%RSD	.14254	1.2032	3.2467	4.1479	.33317

#1	2517.1	28712.	2671.9	141.96	2669.3
#2	2517.4	28111.	2698.1	146.15	2677.1
#3	2523.5	28133.	2538.5	134.60	2687.1

Sample Name: K4957-15 Acquired: 9/20/2019 17:23:57 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-39-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	-.00097	-.00275	.00174	-.00049	.00011	.02686	.28116	-.00006
Stddev	.00362	.00124	.00016	.00300	.00035	.00924	.00421	.00009
%RSD	374.46	45.022	9.1721	608.45	330.66	34.405	1.4956	164.02

#1	.00297	-.00133	.00192	-.00199	.00051	.01905	.27814	-.00002
#2	-.00415	-.00354	.00168	-.00245	-.00008	.02447	.28596	-.00016
#3	-.00172	-.00339	.00162	.00296	-.00012	.03706	.27937	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	4.1865	.00297	.00067	.00168	.00626	.11119	.61642
Stddev	.00007	.0120	.00015	.00032	.00039	.00024	.00106	.02908
%RSD	361.55	.28592	5.2207	47.881	23.102	3.7728	.95558	4.7178

#1	.00004	4.1900	.00314	.00062	.00140	.00651	.11134	.63555
#2	.00000	4.1964	.00292	.00101	.00213	.00623	.11217	.58296
#3	-.00010	4.1732	.00284	.00038	.00153	.00604	.11006	.63076

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	-.00054	266.34	-.00069	.17682	1.1026	.00008	.07580
Stddev	.00018	.00041	2.66	.00026	.00163	.0411	.00029	.00325
%RSD	15.743	76.468	.99833	37.986	.92002	3.7267	346.67	4.2889

#1	.00129	-.00017	268.02	-.00068	.17857	1.1415	-.00008	.07503
#2	.00095	-.00098	267.73	-.00044	.17654	1.0596	-.00008	.07300
#3	.00122	-.00047	263.28	-.00096	.17536	1.1066	.00041	.07937

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78291	.38937	-.00025	.00190	-.01161	.0051	.02975	3.2552
Stddev	.00305	.00644	.00060	.00305	.00425	.0025	.00025	.2874
%RSD	.38921	1.6532	243.79	160.93	36.617	49.57	.84641	8.8286

#1	.78611	.39413	.00034	-.00089	-.01270	.0039	.02991	3.5592
#2	.78259	.39194	-.00086	.00516	-.01521	.0034	.02988	2.9879
#3	.78004	.38205	-.00021	.00142	-.00692	.0080	.02946	3.2186

Sample Name: K4957-15 Acquired: 9/20/2019 17:23:57 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-39-COMP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.883
Stddev	1.157
%RSD	8.9776

#1	11.579
#2	13.285
#3	13.785

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2372.9	26434.	2671.4	139.30	2374.4
Stddev	24.9	297.	25.8	.55	27.8
%RSD	1.0495	1.1237	.96600	.39245	1.1713

#1	2345.0	26170.	2649.5	139.13	2343.3
#2	2381.1	26377.	2664.9	139.91	2382.8
#3	2392.8	26756.	2699.9	138.85	2397.0

Sample Name: K4957-16 Acquired: 9/20/2019 17:28:22 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-33-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	-.00371	-.00259	.00106	.00313	.00148	.02209	.28548	.00016
Stddev	.00216	.00009	.00065	.00335	.00163	.00943	.00663	.00013
%RSD	58.280	3.3524	61.315	106.82	110.18	42.689	2.3241	80.544

#1	-.00613	-.00250	.00172	.00042	.00141	.01133	.28031	.00031
#2	-.00307	-.00263	.00043	.00687	.00315	.02894	.29297	.00009
#3	-.00195	-.00266	.00103	.00210	-.00011	.02600	.28318	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	9.0606	.00118	.00001	.00138	.00099	.00856	.83389
Stddev	.00009	.1264	.00035	.00047	.00067	.00034	.00009	.05346
%RSD	907.52	1.3952	29.709	3241.0	48.193	33.731	1.0242	6.4104

#1	-.00011	8.9735	.00112	-.00015	.00134	.00100	.00858	.87746
#2	.00007	9.0028	.00087	-.00035	.00206	.00132	.00846	.84997
#3	.00001	9.2056	.00156	.00054	.00073	.00065	.00863	.77424

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00028	265.55	-.00001	.19647	.72388	-.00038	.08670
Stddev	.00034	.00023	1.76	.00021	.00122	.06878	.00009	.00454
%RSD	415.39	82.257	.66412	3252.9	.61951	9.5015	24.423	5.2334

#1	-.00009	-.00044	263.70	-.00005	.19700	.65451	-.00028	.08488
#2	.00047	-.00002	265.72	.00022	.19732	.72508	-.00046	.08336
#3	-.00014	-.00039	267.22	-.00020	.19507	.79205	-.00039	.09187

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81981	.50323	-.00063	.00391	-.00460	.0279	.05228	3.0202
Stddev	.00786	.00903	.00061	.00169	.00262	.0015	.00027	.2725
%RSD	.95913	1.7939	98.008	43.191	57.018	5.291	.50757	9.0235

#1	.82144	.51365	-.00006	.00471	-.00578	.0276	.05232	3.1635
#2	.82673	.49774	-.00054	.00505	-.00159	.0295	.05199	2.7059
#3	.81126	.49829	-.00128	.00197	-.00643	.0266	.05252	3.1912

Sample Name: K4957-16 Acquired: 9/20/2019 17:28:22 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-33-COMP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 16.482
Stddev 2.154
%RSD 13.068

#1 13.996
#2 17.781
#3 17.670

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2407.1	26505.	2676.3	139.27	2412.9
Stddev	12.0	93.	28.8	.70	17.4
%RSD	.49973	.35184	1.0744	.49916	.72120

#1	2400.8	26398.	2647.9	138.56	2405.4
#2	2399.5	26572.	2705.4	139.29	2400.4
#3	2421.0	26545.	2675.6	139.95	2432.8

Sample Name: K4957-17 Acquired: 9/20/2019 17:32:48 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-32-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	-.00432	-.00059	.00180	.00037	-.00141	.00814	.17452	.00014
Stddev	.00288	.00097	.00049	.00284	.00037	.00235	.00371	.00005
%RSD	66.736	164.97	27.342	767.60	26.497	28.805	2.1249	37.877

#1	-.00627	-.00014	.00220	-.00236	-.00129	.01085	.17859	.00019
#2	-.00101	.00008	.00125	.00330	-.00111	.00689	.17364	.00013
#3	-.00568	-.00170	.00196	.00017	-.00183	.00669	.17134	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	6.9364	.00125	-.00004	.00062	.00258	.01676	.62096
Stddev	.00011	.1210	.00021	.00004	.00030	.00052	.00007	.03264
%RSD	136.31	1.7438	16.971	107.43	48.062	20.035	.44640	5.2563

#1	-.00007	6.8409	.00121	-.00000	.00079	.00231	.01683	.59279
#2	-.00021	7.0724	.00148	-.00003	.00081	.00317	.01676	.61336
#3	.00002	6.8958	.00106	-.00008	.00028	.00225	.01668	.65672

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	-.00033	223.67	-.00014	.13775	.76649	-.00022	.05802
Stddev	.00033	.00052	1.05	.00029	.00047	.00741	.00011	.00668
%RSD	92.167	157.67	.47080	201.41	.34163	.96716	49.162	11.515

#1	-.00034	.00013	222.94	.00017	.13818	.77267	-.00023	.06573
#2	-.00070	-.00089	224.88	-.00040	.13724	.76853	-.00033	.05410
#3	-.00004	-.00023	223.19	-.00019	.13782	.75827	-.00011	.05421

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60941	.36245	-.00073	.00283	-.01275	.0058	.03860	3.2234
Stddev	.00687	.00469	.00061	.00174	.00420	.0014	.00057	.1722
%RSD	1.1281	1.2946	84.090	61.713	32.919	23.33	1.4711	5.3413

#1	.61060	.36441	-.00038	.00101	-.01686	.0072	.03838	3.1452
#2	.60202	.36585	-.00143	.00298	-.01290	.0045	.03924	3.4208
#3	.61561	.35710	-.00037	.00449	-.00847	.0058	.03817	3.1043

Sample Name: K4957-17 Acquired: 9/20/2019 17:32:48 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-32-COMP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 14.447
Stddev 5.632
%RSD 38.984

#1 8.0900
#2 16.436
#3 18.814

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2403.2	26722.	2704.5	142.85	2408.6
Stddev	10.6	86.	32.8	.65	9.3
%RSD	.44161	.32275	1.2132	.45631	.38721

#1	2393.1	26672.	2715.2	142.90	2399.1
#2	2402.1	26672.	2667.7	142.17	2409.0
#3	2414.3	26822.	2730.7	143.48	2417.7

Sample Name: K4957-18 Acquired: 9/20/2019 17:37:15 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-26-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	-.00461	-.00093	.03136	.00202	-.00206	-.00904	.49252	.00007
Stddev	.00071	.00144	.00135	.00450	.00186	.01387	.00246	.00008
%RSD	15.306	155.51	4.3120	222.88	89.949	153.49	.49977	110.01

#1	-.00446	.00072	.03228	.00684	.00008	-.01423	.49198	.00004
#2	-.00399	-.00157	.03201	-.00207	-.00320	-.01956	.49520	.00016
#3	-.00538	-.00194	.02981	.00129	-.00307	.00668	.49037	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00232	84.336	.00158	.00139	.06810	.00126	.24674	3.4474
Stddev	.00010	.090	.00011	.00023	.00065	.00090	.00072	.0637
%RSD	4.5155	.10698	7.1612	16.488	.95045	71.339	.29191	1.8485

#1	.00227	84.235	.00154	.00115	.06801	.00110	.24672	3.4549
#2	.00244	84.408	.00149	.00161	.06750	.00222	.24747	3.3803
#3	.00224	84.367	.00170	.00142	.06878	.00045	.24603	3.5070

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00528	-.00137	286.12	-.00026	.55616	2.6118	-.00056	.06094
Stddev	.00050	.00056	.75	.00037	.00211	.0182	.00014	.00877
%RSD	9.3875	40.825	.26133	138.33	.37910	.69801	25.369	14.393

#1	.00580	-.00196	286.67	-.00064	.55784	2.5929	-.00066	.06660
#2	.00481	-.00086	286.43	.00009	.55379	2.6134	-.00063	.06538
#3	.00525	-.00128	285.27	-.00025	.55684	2.6292	-.00040	.05084

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2052	.87048	.00025	-.00180	.00633	.0424	.27908	3.9275
Stddev	.0104	.00671	.00078	.00055	.00654	.0014	.00079	.2138
%RSD	.86516	.77029	308.04	30.790	103.20	3.362	.28405	5.4437

#1	1.2100	.86932	-.00052	-.00170	-.00114	.0437	.27887	4.1743
#2	1.1933	.87769	.00023	-.00239	.01099	.0409	.27841	3.8038
#3	1.2124	.86443	.00104	-.00130	.00915	.0428	.27996	3.8042

Sample Name: K4957-18 Acquired: 9/20/2019 17:37:15 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-26-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 13.767
 Stddev 2.405
 %RSD 17.469

#1 16.469
 #2 11.862
 #3 12.970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2377.9	26394.	2680.0	138.94	2346.9
Stddev	7.8	75.	12.3	.09	3.9
%RSD	.32801	.28226	.45877	.06560	.16594

#1	2380.4	26326.	2666.8	138.93	2344.8
#2	2384.2	26384.	2682.0	139.03	2351.4
#3	2369.2	26473.	2691.1	138.85	2344.4

Sample Name: K4959-01 Acquired: 9/20/2019 17:41:40 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WALL-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	-.00643	-.00188	.00797	.00365	-.00048	-.04249	.11974	.00006
Stddev	.00202	.00098	.00134	.00457	.00131	.01140	.00389	.00013
%RSD	31.471	51.872	16.863	125.31	270.65	26.840	3.2489	216.25

#1	-.00754	-.00186	.00727	-.00084	.00094	-.03632	.12404	.00016
#2	-.00410	-.00287	.00952	.00348	-.00077	-.03550	.11871	.00011
#3	-.00767	-.00092	.00713	.00830	-.00162	-.05565	.11646	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	141.09	.00173	.00068	.00277	-.00376	.35700	2.0794
Stddev	.00003	.34	.00009	.00021	.00019	.00090	.00243	.0657
%RSD	26.337	.24009	5.0039	31.665	6.6783	24.035	.68091	3.1588

#1	.00012	140.91	.00182	.00045	.00257	-.00302	.35429	2.0188
#2	.00007	140.88	.00171	.00070	.00280	-.00477	.35774	2.0702
#3	.00011	141.48	.00165	.00088	.00294	-.00350	.35898	2.1492

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	-.00167	241.70	.00036	.25564	1.8335	.00015	.03652
Stddev	.00022	.00035	2.13	.00040	.00045	.0329	.00023	.00426
%RSD	11.810	21.019	.88049	112.67	.17762	1.7928	150.04	11.656

#1	.00197	-.00202	239.44	-.00005	.25521	1.8247	.00020	.03806
#2	.00159	-.00132	241.99	.00076	.25612	1.8698	-.00010	.03980
#3	.00197	-.00166	243.66	.00036	.25558	1.8058	.00035	.03171

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8053	3.7241	-.00177	-.00196	.00938	.0053	1.1578	4.2301
Stddev	.0176	.0198	.00021	.00193	.00618	.0014	.0014	.3056
%RSD	.25803	.53186	11.656	98.660	65.883	25.39	.12123	7.2242

#1	6.8172	3.7056	-.00193	-.00052	.00242	.0069	1.1583	4.3512
#2	6.7852	3.7216	-.00154	-.00120	.01150	.0045	1.1562	3.8825
#3	6.8136	3.7450	-.00185	-.00415	.01422	.0046	1.1588	4.4565

Sample Name: K4959-01 Acquired: 9/20/2019 17:41:40 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WALL-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 11.715
 Stddev 4.324
 %RSD 36.906

#1 8.6852
 #2 16.667
 #3 9.7944

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2336.9	26135.	2667.1	139.92	2323.2
Stddev	8.0	201.	7.6	3.65	5.0
%RSD	.34047	.76758	.28580	2.6083	.21492

#1	2330.5	26349.	2659.6	139.91	2318.3
#2	2345.8	26103.	2674.8	143.58	2328.3
#3	2334.4	25952.	2666.8	136.28	2322.9

Sample Name: K4959-02 Acquired: 9/20/2019 17:46:02 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BASE-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	-.00784	-.00097	.00811	.00292	.00144	-.02426	.07293	.00004
Stddev	.00262	.00260	.00092	.00168	.00146	.01748	.00384	.00015
%RSD	33.401	269.09	11.293	57.477	101.45	72.063	5.2603	394.61
#1	-.00913	.00186	.00767	.00348	.00111	-.03523	.07313	-.00008
#2	-.00956	-.00324	.00916	.00104	.00304	-.00410	.07666	-.00001
#3	-.00482	-.00152	.00750	.00426	.00018	-.03344	.06900	.00020
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02191	112.66	.00240	.00043	.03359	-.00506	.04106	1.1745
Stddev	.00024	2.51	.00035	.00008	.00096	.00099	.00040	.0354
%RSD	1.0815	2.2288	14.767	18.103	2.8454	19.501	.97722	3.0109
#1	.02202	110.32	.00281	.00043	.03337	-.00410	.04135	1.1337
#2	.02164	115.32	.00217	.00051	.03277	-.00499	.04124	1.1969
#3	.02208	112.35	.00222	.00035	.03464	-.00607	.04061	1.1929
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00245	-.00178	217.16	-.00007	6.7375	1.1714	-.00145	.02438
Stddev	.00013	.00069	1.47	.00050	.0447	.0472	.00023	.00555
%RSD	5.4927	38.520	.67527	698.86	.66354	4.0312	15.568	22.760
#1	.00240	-.00216	215.66	-.00058	6.7828	1.1242	-.00124	.02269
#2	.00235	-.00099	218.59	.00042	6.6934	1.2187	-.00143	.03058
#3	.00261	-.00220	217.24	-.00006	6.7364	1.1713	-.00169	.01988
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6946	3.0372	-.00178	-.00170	.00723	.0090	.67315	3.7874
Stddev	.0324	.0381	.00042	.00192	.01194	.0004	.01188	.1247
%RSD	.69013	1.2531	23.722	113.28	165.05	4.403	1.7655	3.2933
#1	4.7263	3.0172	-.00176	-.00292	.01987	.0091	.66270	3.8608
#2	4.6615	3.0811	-.00136	-.00269	.00570	.0094	.68608	3.6434
#3	4.6960	3.0133	-.00220	.00052	-.00386	.0086	.67067	3.8580

Sample Name: K4959-02 Acquired: 9/20/2019 17:46:02 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BASE-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.5986
 Stddev 1.0946
 %RSD 11.403

#1 8.3387
 #2 10.316
 #3 10.142

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2373.3	26426.	2710.0	142.19	2366.4
Stddev	8.3	60.	37.0	3.65	11.9
%RSD	.34895	.22629	1.3659	2.5665	.50091

#1	2364.9	26419.	2735.9	143.73	2352.7
#2	2373.4	26369.	2667.6	138.02	2374.1
#3	2381.5	26488.	2726.5	144.81	2372.3

Sample Name: K4959-03 Acquired: 9/20/2019 17:50:23 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BASE-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00575	-.00106	.00595	.00267	-.00008	-.03092	.06823	.00004
Stddev	.00217	.00057	.00081	.00290	.00269	.00363	.00650	.00005
%RSD	37.846	54.193	13.694	108.63	3198.9	11.745	9.5305	124.70

#1	-.00609	-.00058	.00622	.00593	.00015	-.03511	.06635	-.00001
#2	-.00342	-.00169	.00659	.00036	.00249	-.02900	.06287	.00010
#3	-.00773	-.00090	.00503	.00172	-.00289	-.02865	.07547	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00190	124.58	.00396	.00005	.01094	-.00342	.02722	1.5206
Stddev	.00012	.34	.00037	.00024	.00064	.00115	.00021	.0229
%RSD	6.2369	.27573	9.2882	458.22	5.8461	33.609	.78263	1.5084

#1	.00198	124.98	.00409	.00008	.01119	-.00304	.02745	1.4947
#2	.00195	124.38	.00424	-.00020	.01142	-.00472	.02702	1.5385
#3	.00176	124.39	.00354	.00028	.01021	-.00252	.02720	1.5284

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	-.00163	238.79	.00083	.05528	1.2988	-.00011	.03518
Stddev	.00027	.00047	2.84	.00038	.00025	.0450	.00017	.00428
%RSD	84.429	29.086	1.1880	45.367	.44361	3.4677	158.14	12.161

#1	.00062	-.00111	238.62	.00076	.05522	1.3134	.00001	.03195
#2	.00026	-.00176	236.05	.00123	.05556	1.2483	-.00030	.04003
#3	.00009	-.00203	241.71	.00049	.05508	1.3348	-.00003	.03356

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4401	3.3534	-.00040	-.00249	.00710	.0122	.64128	3.3349
Stddev	.0054	.0448	.00078	.00426	.01180	.0004	.00362	.1875
%RSD	.12107	1.3362	193.72	170.86	166.06	3.128	.56382	5.6210

#1	4.4455	3.4027	-.00029	.00147	.01863	.0124	.64507	3.3891
#2	4.4401	3.3424	.00032	-.00196	-.00494	.0118	.63787	3.1264
#3	4.4347	3.3152	-.00123	-.00699	.00762	.0125	.64090	3.4894

Sample Name: K4959-03 Acquired: 9/20/2019 17:50:23 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BASE-3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.271
 Stddev 2.407
 %RSD 23.432

#1 7.6057
 #2 12.285
 #3 10.922

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2380.4	26685.	2699.1	141.66	2361.8
Stddev	15.3	258.	28.8	1.33	15.2
%RSD	.64236	.96542	1.0680	.93798	.64448

#1	2369.2	26524.	2669.4	140.47	2350.6
#2	2374.2	26982.	2701.0	141.43	2355.6
#3	2397.9	26547.	2727.0	143.09	2379.1

Sample Name: K4959-04 Acquired: 9/20/2019 17:54:48 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: IDLE-BAY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00669	-.00110	.00679	.00229	-.00188	-.01137	.10087	.00004
Stddev	.00132	.00114	.00173	.00180	.00118	.01214	.00715	.00007
%RSD	19.777	103.42	25.526	78.571	62.655	106.70	7.0847	191.53

#1	-.00550	-.00235	.00837	.00419	-.00248	-.02084	.09849	.00007
#2	-.00811	-.00087	.00493	.00207	-.00262	-.01558	.09522	-.00004
#3	-.00645	-.00010	.00708	.00061	-.00052	.00231	.10891	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	131.92	.01299	.00010	.00082	-.00452	.00094	.27309
Stddev	.00005	.21	.00023	.00019	.00062	.00076	.00002	.04589
%RSD	27.148	.16132	1.7600	191.06	75.754	16.716	1.7382	16.805

#1	-.00021	131.78	.01322	-.00010	.00082	-.00380	.00094	.22433
#2	-.00012	131.82	.01277	.00028	.00143	-.00446	.00093	.31545
#3	-.00019	132.17	.01299	.00012	.00020	-.00530	.00096	.27949

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00183	-.00176	252.91	.00070	.00731	1.2203	.00050	.02547
Stddev	.00056	.00074	1.02	.00017	.00008	.0524	.00051	.00441
%RSD	30.692	41.996	.40495	24.761	1.0491	4.2975	102.36	17.327

#1	-.00149	-.00095	253.13	.00067	.00732	1.1645	.00055	.02342
#2	-.00152	-.00239	251.79	.00055	.00723	1.2279	-.00004	.02247
#3	-.00248	-.00195	253.80	.00089	.00738	1.2686	.00097	.03054

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8821	3.4755	-.00051	-.00366	.00758	.0019	1.4929	3.8366
Stddev	.0164	.0105	.00049	.00071	.00066	.0048	.0021	.1545
%RSD	.56927	.30229	96.543	19.356	8.6500	261.3	.14022	4.0260

#1	2.9003	3.4862	-.00053	-.00288	.00692	.0073	1.4939	3.6739
#2	2.8684	3.4652	-.00099	-.00427	.00823	-.0021	1.4905	3.8548
#3	2.8775	3.4750	-.00001	-.00382	.00760	.0003	1.4943	3.9812

Sample Name: K4959-04 Acquired: 9/20/2019 17:54:48 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: IDLE-BAY Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.7520
Stddev	2.7324
%RSD	28.018

#1	12.904
#2	8.3011
#3	8.0512

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2381.9	26507.	2686.1	139.58	2354.3
Stddev	10.3	111.	4.5	1.04	14.7
%RSD	.43244	.41730	.16580	.74571	.62421

#1	2370.9	26436.	2681.3	140.57	2337.9
#2	2391.3	26635.	2686.9	138.50	2366.4
#3	2383.4	26451.	2690.1	139.69	2358.5

Sample Name: K4961-05 Acquired: 9/20/2019 17:59:13 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S-1-(1-GAL-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00119	-.00306	-.00037	-.00048	-.00089	.04334	.10033	-.00012
Stddev	.00175	.00059	.00090	.00169	.00296	.01606	.00360	.00009
%RSD	146.52	19.170	244.64	352.71	330.90	37.051	3.5885	74.237

#1	-.00051	-.00248	-.00115	-.00104	-.00100	.05073	.10449	-.00005
#2	-.00318	-.00305	.00061	-.00182	.00212	.05437	.09840	-.00022
#3	.00011	-.00365	-.00056	.00142	-.00379	.02492	.09811	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	1.4497	.00109	.00097	.00680	.01928	.71407	.29333
Stddev	.00007	.0155	.00018	.00008	.00043	.00099	.00094	.02549
%RSD	96.226	1.0716	16.856	8.4501	6.3820	5.1290	.13177	8.6908

#1	.00013	1.4659	.00121	.00089	.00630	.01914	.71301	.32276
#2	.00007	1.4480	.00088	.00105	.00697	.01837	.71439	.27864
#3	.00000	1.4350	.00117	.00098	.00712	.02033	.71482	.27858

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00280	.00032	236.52	-.00194	.19658	8.5406	-.00041	.06128
Stddev	.00012	.00028	.84	.00070	.00030	.1513	.00018	.00759
%RSD	4.1683	86.876	.35392	36.188	.15323	1.7714	43.974	12.391

#1	.00282	.00028	235.61	-.00150	.19692	8.3996	-.00043	.05282
#2	.00268	.00061	237.25	-.00274	.19639	8.5218	-.00058	.06351
#3	.00291	.00006	236.71	-.00157	.19642	8.7004	-.00022	.06750

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4977	.29567	-.00127	.02261	-.00698	.0372	.02362	2.9801
Stddev	.0049	.00342	.00054	.00254	.00649	.0023	.00016	.1285
%RSD	.10820	1.1565	42.480	11.227	92.929	6.286	.65752	4.3132

#1	4.4921	.29174	-.00188	.02075	.00051	.0372	.02362	2.8346
#2	4.5005	.29798	-.00085	.02550	-.01077	.0396	.02346	3.0783
#3	4.5006	.29728	-.00109	.02157	-.01069	.0349	.02377	3.0274

Sample Name: K4961-05 Acquired: 9/20/2019 17:59:13 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S-1-(1-GAL-C Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.285
Stddev	3.339
%RSD	23.372

#1	11.671
#2	18.046
#3	13.138

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2412.0	26689.	2672.5	141.35	2418.7
Stddev	12.4	29.	6.3	1.41	11.9
%RSD	.51395	.10864	.23541	.99407	.49079

#1	2426.2	26684.	2679.8	142.83	2432.3
#2	2406.2	26662.	2669.3	141.20	2413.2
#3	2403.6	26720.	2668.4	140.03	2410.5

Sample Name: K4961-06 Acquired: 9/20/2019 18:03:38 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S-2-(1-GAL-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00393	-.00390	.00209	.00200	-.00088	.11195	.11668	.00011
Stddev	.00101	.00102	.00181	.00104	.00130	.02188	.00550	.00004
%RSD	25.567	26.232	86.651	52.020	148.04	19.542	4.7144	38.350

#1	-.00325	-.00272	.00398	.00211	-.00111	.13678	.11709	.00014
#2	-.00347	-.00449	.00038	.00091	-.00204	.09552	.12196	.00006
#3	-.00509	-.00450	.00190	.00298	.00052	.10354	.11098	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	60.895	.00129	.00002	.00392	.13919	.11427	.63236
Stddev	.00004	1.610	.00029	.00030	.00010	.00117	.00055	.09207
%RSD	24.974	2.6442	22.205	1443.4	2.5045	.83945	.47802	14.560

#1	-.00011	61.642	.00097	.00036	.00382	.14036	.11486	.71370
#2	-.00019	59.047	.00151	-.00008	.00401	.13803	.11378	.53240
#3	-.00016	61.996	.00139	-.00022	.00392	.13916	.11417	.65100

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	-.00053	251.04	-.00054	.14230	1.6314	-.00038	.04523
Stddev	.00020	.00068	.35	.00047	.00044	.0921	.00019	.01014
%RSD	19.972	127.67	.14082	86.054	.30709	5.6441	49.628	22.412

#1	.00091	-.00024	250.67	-.00102	.14190	1.5257	-.00052	.03357
#2	.00126	-.00131	251.38	-.00009	.14276	1.6937	-.00045	.05195
#3	.00090	-.00005	251.06	-.00052	.14224	1.6749	-.00017	.05017

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2518	.33980	-.00093	.01695	-.00095	.0123	.03812	3.6717
Stddev	.0090	.01017	.00074	.00170	.00723	.0016	.00107	.2527
%RSD	.40098	2.9930	79.293	10.022	761.37	12.91	2.8153	6.8829

#1	2.2595	.34131	-.00177	.01606	.00734	.0140	.03892	3.7364
#2	2.2419	.32896	-.00064	.01891	-.00596	.0111	.03690	3.8858
#3	2.2542	.34913	-.00038	.01588	-.00423	.0117	.03855	3.3930

Sample Name: K4961-06 Acquired: 9/20/2019 18:03:38 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S-2-(1-GAL-C Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 12.539
 Stddev 3.061
 %RSD 24.409

#1 9.0699
 #2 13.687
 #3 14.859

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2362.8	26207.	2670.7	137.07	2322.1
Stddev	10.2	164.	68.6	3.07	5.9
%RSD	.43079	.62640	2.5687	2.2386	.25374

#1	2352.7	26091.	2618.1	135.83	2316.7
#2	2362.7	26136.	2748.3	140.56	2321.3
#3	2373.1	26395.	2645.8	134.81	2328.4

Sample Name: CCV07 Acquired: 9/20/2019 18:08:02 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15503 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0100	4.9576	4.9436	4.9885	4.9553	9.9251	9.7695	.24799
Stddev	.0532	.0481	.0405	.0482	.0366	.1368	.1348	.00037
%RSD	1.0608	.97128	.81941	.96697	.73801	1.3778	1.3799	.14747
#1	4.9603	4.9291	4.9150	4.9443	4.9251	9.9054	9.7362	.24757
#2	5.0038	4.9305	4.9259	4.9811	4.9449	9.7993	9.6544	.24816
#3	5.0660	5.0132	4.9899	5.0400	4.9960	10.071	9.9178	.24825
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4261	23.338	.96868	2.4182	1.2492	4.9184	2.4816	24.491
Stddev	.0214	1.459	.00074	.0251	.0134	.0088	.0026	.420
%RSD	.88386	6.2493	.07622	1.0390	1.0730	.17952	.10604	1.7131
#1	2.4134	23.623	.96863	2.4002	1.2384	4.9134	2.4829	24.367
#2	2.4141	21.758	.96797	2.4074	1.2451	4.9132	2.4833	24.147
#3	2.4509	24.633	.96944	2.4469	1.2642	4.9286	2.4786	24.958
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4629	1.2279	24.096	2.4647	2.4538	24.977	5.0491	5.0004
Stddev	.0215	.0033	.263	.0051	.0226	.373	.0480	.0616
%RSD	.87471	.26566	1.0912	.20839	.92248	1.4949	.95090	1.2326
#1	2.4526	1.2252	24.034	2.4588	2.4377	24.945	5.0126	4.9886
#2	2.4485	1.2315	23.870	2.4676	2.4441	24.620	5.0313	4.9455
#3	2.4877	1.2270	24.385	2.4678	2.4797	25.365	5.1035	5.0671
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0616	4.8020	4.9423	4.6483	4.7247	5.134	4.6536	F 2.6175
Stddev	.0576	.2499	.0451	.2972	.3050	.054	.3022	.0261
%RSD	1.1374	5.2043	.91218	6.3931	6.4545	1.060	6.4939	.99793
#1	5.0176	4.8603	4.9094	4.6943	4.7948	5.091	4.7127	2.6440
#2	5.0405	4.5281	4.9239	4.3308	4.3908	5.116	4.3262	2.5918
#3	5.1268	5.0176	4.9937	4.9197	4.9885	5.195	4.9218	2.6167

Sample Name: CCV07 Acquired: 9/20/2019 18:08:02 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15503 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 4.4548
Stddev	.3386
%RSD	7.6001

#1	4.5331
#2	4.0839
#3	4.7473

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2488.6	27962.	2890.6	148.61	2471.3
Stddev	18.6	36.	151.4	8.66	19.5
%RSD	.74601	.12790	5.2389	5.8265	.79058

#1	2501.4	27995.	2844.2	144.74	2481.3
#2	2497.0	27924.	3059.9	158.53	2483.8
#3	2467.3	27966.	2767.9	142.56	2448.8

Sample Name: CCB07 Acquired: 9/20/2019 18:11:59 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15503 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	.00005	-.00052	.00113	-.00209	-.00238	-.00933	.00015
Stddev	.00112	.00035	.00204	.00186	.00050	.00716	.00399	.00003
%RSD	307.57	729.41	390.66	165.19	24.078	300.43	42.741	18.058
#1	.00121	-.00026	.00171	.00275	-.00161	-.00496	-.01232	.00012
#2	-.00090	.00043	-.00229	.00154	-.00207	.00571	-.00480	.00016
#3	.00078	-.00003	-.00098	-.00091	-.00261	-.00790	-.01088	.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.02142	.00052	.00025	-.00111	-.00339	.00022	.02955
Stddev	.00005	.00444	.00031	.00037	.00044	.00052	.00004	.01830
%RSD	29.607	20.723	59.686	146.71	40.019	15.445	19.487	61.938
#1	.00020	.01629	.00043	.00020	-.00159	-.00317	.00027	.02257
#2	.00020	.02407	.00088	.00064	-.00102	-.00301	.00021	.05031
#3	.00011	.02389	.00027	-.00009	-.00072	-.00399	.00019	.01577
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00023	.07992	-.00035	-.00013	-.01161	.00102	-.00908
Stddev	.00086	.00021	.00704	.00038	.00011	.05155	.00042	.00375
%RSD	386.56	90.954	8.8104	109.05	84.598	443.81	41.208	41.282
#1	-.00002	-.00000	.07200	-.00033	-.00000	-.00599	.00120	-.00536
#2	-.00049	-.00027	.08548	.00002	-.00019	-.06574	.00131	-.00902
#3	.00118	-.00042	.08228	-.00074	-.00021	.03689	.00054	-.01285
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00099	.00034	-.00053	.00256	-.00254	.0006	.00011	F 1.3873
Stddev	.00383	.00329	.00034	.00177	.00859	.0011	.00010	.3483
%RSD	388.35	965.89	63.208	68.895	338.67	182.9	95.392	25.102
#1	.00215	.00179	-.00029	.00115	-.00703	.0006	.00001	1.6320
#2	-.00525	.00265	-.00039	.00200	-.00794	.0017	.00021	1.5413
#3	.00015	-.00342	-.00092	.00454	.00737	-.0005	.00010	.98863

Sample Name: CCB07 Acquired: 9/20/2019 18:11:59 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15503 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7420
Stddev	.3898
%RSD	14.214

#1	2.3253
#2	3.0976
#3	2.8031

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2546.5	28509.	2667.1	143.42	2693.9
Stddev	13.2	179.	103.8	5.38	15.3
%RSD	.51961	.62877	3.8930	3.7547	.56777

#1	2538.8	28706.	2735.1	147.84	2678.5
#2	2538.9	28355.	2718.5	145.00	2694.2
#3	2561.8	28466.	2547.6	137.42	2709.1

Sample Name: K4961-08 Acquired: 9/20/2019 18:16:27 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: L-3-(WH-5-GA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00358	-.01975	.01422	.01055	.00539	.02019	.04767	.00008
Stddev	.00574	.00130	.00066	.00751	.00126	.01055	.00167	.00019
%RSD	160.32	6.5853	4.6429	71.183	23.422	52.247	3.4952	246.62
#1	-.00243	-.01865	.01346	.00335	.00639	.02534	.04620	-.00001
#2	.00150	-.02119	.01457	.00996	.00580	.00806	.04948	-.00005
#3	-.00980	-.01942	.01463	.01833	.00397	.02717	.04732	.00029
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	30.808	.00155	.01622	.07010	.04337	.00955	.70723
Stddev	.00018	.066	.00032	.00025	.00027	.00007	.00014	.00410
%RSD	34.980	.21260	20.442	1.5615	.38939	.16869	1.4220	.57909
#1	.00031	30.814	.00119	.01647	.07027	.04331	.00941	.70557
#2	.00065	30.740	.00165	.01624	.06978	.04336	.00967	.71189
#3	.00061	30.871	.00180	.01596	.07024	.04345	.00958	.70423
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00183	.00030	373.11	.00001	8.0106	13.386	-.00150	.22359
Stddev	.00027	.00038	5.60	.00020	.0318	.132	.00040	.00400
%RSD	14.904	126.63	1.5008	2338.3	.39693	.98355	26.495	1.7902
#1	.00190	.00024	369.88	-.00011	8.0432	13.235	-.00105	.22728
#2	.00207	-.00005	379.57	.00024	8.0090	13.473	-.00170	.21934
#3	.00153	.00070	369.86	-.00010	7.9797	13.450	-.00176	.22415
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.286	4.4563	.00034	.00310	-.02014	1.439	.02593	3.2948
Stddev	.029	.0176	.00024	.00094	.00554	.002	.00013	.3092
%RSD	.27909	.39452	72.219	30.412	27.494	.1474	.52000	9.3847
#1	10.319	4.4479	.00061	.00404	-.02157	1.441	.02603	2.9786
#2	10.269	4.4765	.00022	.00215	-.01403	1.437	.02599	3.5964
#3	10.270	4.4444	.00017	.00312	-.02483	1.440	.02578	3.3093

Sample Name: K4961-08 Acquired: 9/20/2019 18:16:27 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: L-3-(WH-5-GA Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.928
Stddev	1.413
%RSD	10.144

#1	15.282
#2	14.039
#3	12.463

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2344.2	26111.	2689.0	138.03	2351.5
Stddev	7.4	234.	11.0	1.45	12.1
%RSD	.31517	.89568	.41004	1.0480	.51626

#1	2337.2	26212.	2689.3	136.44	2338.6
#2	2343.4	25843.	2677.7	138.38	2353.0
#3	2351.9	26276.	2699.8	139.27	2362.8

Sample Name: K4961-01 Acquired: 9/20/2019 18:20:57 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: L-1-(BLUE-55 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03714	-.04721	-.00049	.08528	.00387	.03370	-.01611	.00018
Stddev	.00638	.00089	.00174	.00158	.00162	.00952	.00358	.00007
%RSD	17.177	1.8877	354.73	1.8576	41.777	28.246	22.201	40.209
#1	.02978	-.04723	.00106	.08353	.00222	.02433	-.01305	.00024
#2	.04112	-.04809	-.00016	.08661	.00546	.03341	-.02004	.00010
#3	.04052	-.04631	-.00237	.08571	.00394	.04336	-.01524	.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.28159	-.00097	.00075	.00370	.01058	.00151	.11733
Stddev	.00010	.01132	.00065	.00020	.00015	.00116	.00009	.01799
%RSD	403.75	4.0197	67.705	27.269	3.9733	10.979	6.2737	15.330
#1	.00003	.29339	-.00040	.00096	.00376	.01047	.00144	.10567
#2	-.00007	.27082	-.00168	.00055	.00353	.00948	.00162	.10828
#3	.00012	.28055	-.00081	.00073	.00381	.01179	.00147	.13805
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	.00019	5.4878	-.00017	.09948	F 1095.5	.00276	.58737
Stddev	.00043	.00050	.0328	.00064	.00019	8.9	.00024	.01051
%RSD	64.888	262.72	.59846	380.00	.18715	.81000	8.8657	1.7885
#1	.00043	.00059	5.4570	.00009	.09944	1101.9	.00250	.57563
#2	.00117	-.00037	5.4839	.00030	.09932	1099.2	.00278	.59058
#3	.00041	.00035	5.5224	-.00089	.09969	1085.3	.00298	.59589
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7741	.17183	.02821	.00137	-.03255	F 352.8	.00086	2.5993
Stddev	.0037	.00541	.00063	.00120	.00809	.7	.00007	.2305
%RSD	.20754	3.1513	2.2407	88.219	24.869	.2097	8.0590	8.8674
#1	1.7708	.16598	.02754	.00079	-.03358	353.1	.00090	2.8651
#2	1.7781	.17666	.02830	.00056	-.04008	353.4	.00078	2.4787
#3	1.7735	.17285	.02880	.00275	-.02399	352.0	.00089	2.4542

Sample Name: K4961-01 Acquired: 9/20/2019 18:20:57 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: L-1-(BLUE-55 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.34696
Stddev	1.4822
%RSD	427.20

#1	2.0572
#2	-.45103
#3	-.56530

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2376.2	26583.	2958.3	149.88	2496.9
Stddev	5.7	75.	4.0	2.00	8.1
%RSD	.23942	.28318	.13532	1.3326	.32635

#1	2372.1	26507.	2957.2	150.61	2495.1
#2	2373.9	26586.	2955.0	147.63	2489.8
#3	2382.7	26657.	2962.8	151.42	2505.8

Sample Name: K4961-02 Acquired: 9/20/2019 18:25:32 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: L-2-(WHITE-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04271	-.02934	.13008	.05588	.49283	.12285	.02746	.00078
Stddev	.00238	.00059	.00186	.00232	.00116	.02668	.00234	.00007
%RSD	5.5708	2.0138	1.4274	4.1586	.23614	21.720	8.5354	8.5512
#1	.04534	-.02997	.12960	.05760	.49153	.12980	.02970	.00083
#2	.04209	-.02926	.13213	.05324	.49317	.09338	.02502	.00071
#3	.04071	-.02879	.12852	.05681	.49379	.14537	.02767	.00081
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00378	.88483	.00471	.00554	1.3694	.16398	.00994	.16365
Stddev	.00010	.00244	.00035	.00017	.0010	.00096	.00003	.03261
%RSD	2.7182	.27600	7.3436	3.1180	.07422	.58560	.29011	19.928
#1	.00387	.88211	.00466	.00550	1.3696	.16476	.00991	.18260
#2	.00367	.88684	.00440	.00539	1.3702	.16291	.00995	.12599
#3	.00381	.88554	.00508	.00573	1.3682	.16428	.00996	.18236
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08641	-.00039	384.87	-.04896	.75216	411.31	8.9709	F 38.808
Stddev	.00030	.00046	1.55	.00007	.00230	.39	.0165	.139
%RSD	.34174	116.92	.40240	.14208	.30552	.09388	.18424	.35849
#1	.08649	-.00025	385.77	-.04888	.75299	411.46	8.9546	38.817
#2	.08608	-.00090	383.08	-.04900	.75392	410.88	8.9877	38.665
#3	.08665	-.00002	385.75	-.04900	.74956	411.61	8.9703	38.943
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 35.384	2.7154	.00862	.00517	.00258	F 87.68	.00144	3.6370
Stddev	.066	.0199	.00031	.00202	.00696	.22	.00006	.0905
%RSD	.18597	.73118	3.6206	39.000	270.18	.2477	4.1393	2.4889
#1	35.334	2.7372	.00841	.00576	.00321	87.72	.00140	3.6759
#2	35.459	2.7106	.00846	.00292	-.00468	87.87	.00151	3.7017
#3	35.360	2.6984	.00898	.00682	.00920	87.44	.00142	3.5336

Sample Name: K4961-02 Acquired: 9/20/2019 18:25:32 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: L-2-(WHITE-5 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	18.252
Stddev	2.919
%RSD	15.994

#1	16.546
#2	16.587
#3	21.623

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2244.0	25300.	2694.3	136.86	2344.0
Stddev	3.5	52.	15.2	2.46	10.3
%RSD	.15519	.20720	.56525	1.7997	.43966

#1	2241.1	25241.	2686.1	135.54	2336.8
#2	2243.0	25343.	2684.9	135.35	2339.4
#3	2247.9	25315.	2711.9	139.71	2355.8

Sample Name: K4961-04 Acquired: 9/20/2019 18:30:02 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: L-4-(BLK-5-G Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02423	-.01977	-.00115	.02044	-.00008	.29517	-.03510
Stddev	.00276	.00134	.00018	.00179	.00185	.00541	.00276
%RSD	11.382	6.7714	15.654	8.7534	2399.6	1.8333	7.8660

#1	.02143	-.01961	-.00135	.01943	.00170	.30067	-.03777
#2	.02430	-.01851	-.00100	.02250	-.00198	.29498	-.03527
#3	.02695	-.02118	-.00110	.01937	.00005	.28985	-.03225

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00112	.14000	.00786	.00109	-.00401	32.535
Stddev	.00010	.00007	.01412	.00048	.00015	.00033	.051
%RSD	147.47	5.9794	10.089	6.1675	14.006	8.3105	.15767

#1	.00010	.00120	.15502	.00732	.00126	-.00373	32.594
#2	.00015	.00109	.12699	.00824	.00096	-.00438	32.508
#3	-.00005	.00108	.13799	.00803	.00105	-.00392	32.504

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11763	.07218	.00312	.00037	.35165	-.00012	.11678
Stddev	.00038	.00524	.00034	.00012	.02176	.00031	.00016
%RSD	.32031	7.2613	11.017	32.025	6.1893	266.23	.13898

#1	.11760	.07781	.00348	.00039	.37344	-.00032	.11675
#2	.11727	.06743	.00279	.00024	.35160	.00024	.11663
#3	.11803	.07131	.00309	.00048	.32991	-.00027	.11695

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62304	-.00099	.16950	.18843	.01376	.00587	.03421
Stddev	.05297	.00030	.01433	.00658	.00362	.00075	.00045
%RSD	8.5020	30.950	8.4566	3.4900	26.268	12.779	1.3075

#1	.63573	-.00080	.18493	.19581	.01621	.00674	.03390
#2	.66852	-.00082	.16699	.18318	.00961	.00553	.03402
#3	.56488	-.00134	.15659	.18631	.01547	.00536	.03473

Sample Name: K4961-04 Acquired: 9/20/2019 18:30:02 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: L-4-(BLK-5-G Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.04320	.0259	-.03518	<.00000	F<.00000
Stddev	.00465	.0012	.00012	.09341	1.9694
%RSD	10.756	4.552	.32950	24.048	2.8830
#1	-.04168	.0245	-.03520	-.28728	-70.435
#2	-.04841	.0265	-.03506	-.47145	-67.956
#3	-.03949	.0266	-.03529	-.40649	-66.544
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2710.8	31298.	3266.0	172.76	3092.5
Stddev	6.5	109.	163.3	9.72	6.9
%RSD	.23991	.34803	4.9987	5.6238	.22402
#1	2715.2	31172.	3183.2	167.69	3099.4
#2	2703.4	31365.	3454.1	183.96	3085.5
#3	2713.9	31356.	3160.8	166.62	3092.7

Sample Name: K4883-03DLX10 Acquired: 9/20/2019 18:34:28 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00274	.00290	.00596	-.00231	-.01022	.08598	-.00030
Stddev	.00147	.00171	.00071	.00157	.00260	.01499	.00415	.00008
%RSD	1127.8	62.333	24.573	26.359	112.47	146.69	4.8219	27.858

#1	-.00144	-.00160	.00330	.00474	-.00373	.00141	.08207	-.00021
#2	.00146	-.00191	.00208	.00773	-.00390	-.00493	.09033	-.00038
#3	-.00041	-.00470	.00332	.00540	.00069	-.02714	.08553	-.00032

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	39.275	-.00493	.00192	-.00000	1.0611	7.8969	14.015
Stddev	.00009	2.082	.00033	.00006	.00006	.0101	.0437	.087
%RSD	315.21	5.3001	6.6348	3.3045	1605.2	.94781	.55295	.62063

#1	.00002	40.146	-.00475	.00185	-.00007	1.0590	7.9456	13.993
#2	-.00006	36.899	-.00472	.00198	.00002	1.0523	7.8613	13.942
#3	.00013	40.780	-.00530	.00193	.00004	1.0720	7.8836	14.111

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	-.00006	73.158	-.01476	.00606	1.4481	-.00050	.03141
Stddev	.00066	.00018	.427	.00082	.00003	.0629	.00023	.00813
%RSD	53.695	312.03	.58362	5.5348	.55946	4.3450	46.804	25.892

#1	-.00056	.00011	73.429	-.01401	.00604	1.4447	-.00034	.02345
#2	-.00123	-.00024	72.666	-.01464	.00610	1.3869	-.00076	.03970
#3	-.00187	-.00004	73.380	-.01563	.00605	1.5126	-.00039	.03107

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7113	1.6676	.00004	.00257	-.01110	.0299	.12180	2.8673
Stddev	.0006	.0697	.00016	.00155	.00242	.0011	.00613	.2090
%RSD	.02383	4.1774	413.99	60.288	21.817	3.654	5.0369	7.2904

#1	2.7107	1.6904	.00012	.00433	-.01141	.0300	.12465	2.7218
#2	2.7114	1.5893	-.00015	.00144	-.01335	.0310	.11475	3.1068
#3	2.7120	1.7229	.00015	.00193	-.00854	.0288	.12598	2.7732

Sample Name: K4883-03DLX10 Acquired: 9/20/2019 18:34:28 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.9099
Stddev	5.8891
%RSD	119.94

#1	7.2070
#2	-1.7816
#3	9.3043

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2476.4	27515.	2831.3	147.49	2494.2
Stddev	25.7	17.	122.6	7.29	22.8
%RSD	1.0391	.06243	4.3303	4.9442	.91458

#1	2458.6	27496.	2775.7	143.94	2481.8
#2	2464.6	27530.	2971.9	155.88	2480.2
#3	2505.9	27519.	2746.4	142.65	2520.5

Sample Name: K4883-04DLX10 Acquired: 9/20/2019 18:39:02 Type: Unk
Method: P4-ICP2(v3395) 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	-.00135	-.00253	.00432	.00459	-.00082	.02290	.08403	-.00030
Stddev	.00515	.00073	.00080	.00205	.00318	.00955	.00468	.00009
%RSD	381.84	28.981	18.538	44.649	387.24	41.718	5.5716	31.260

#1	.00374	-.00331	.00484	.00223	.00189	.03389	.08760	-.00020
#2	-.00123	-.00185	.00471	.00593	-.00003	.01829	.07873	-.00033
#3	-.00656	-.00245	.00339	.00560	-.00432	.01653	.08576	-.00038

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	41.568	-.00459	.00181	-.00029	.98050	7.6765	14.461
Stddev	.00006	.177	.00062	.00046	.00076	.00494	.0421	.241
%RSD	2791.2	.42512	13.554	25.388	256.42	.50352	.54806	1.6651

#1	.00006	41.365	-.00517	.00224	-.00116	.98540	7.7056	14.391
#2	-.00004	41.680	-.00466	.00186	.00002	.97553	7.6957	14.263
#3	-.00003	41.661	-.00394	.00133	.00025	.98055	7.6283	14.729

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	-.00019	73.174	-.01455	.00577	1.2498	-.00037	.02647
Stddev	.00029	.00061	.299	.00065	.00037	.0255	.00046	.00360
%RSD	79.352	326.32	.40926	4.4952	6.3937	2.0373	123.92	13.585

#1	-.00031	-.00087	72.936	-.01490	.00535	1.2642	-.00033	.02600
#2	-.00011	.00027	73.075	-.01496	.00602	1.2204	.00007	.02313
#3	-.00069	.00005	73.510	-.01380	.00595	1.2648	-.00084	.03028

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7526	1.7126	-.00098	.00331	-.00568	.0239	.12873	2.8000
Stddev	.1051	.0181	.00076	.00151	.00284	.0020	.00099	.1735
%RSD	3.8183	1.0557	77.538	45.554	49.896	8.397	.76801	6.1967

#1	2.6313	1.7225	-.00161	.00182	-.00436	.0223	.12816	2.6637
#2	2.8100	1.7236	-.00013	.00328	-.00894	.0262	.12816	2.7410
#3	2.8166	1.6917	-.00121	.00483	-.00375	.0234	.12987	2.9953

Sample Name: K4883-04DLX10 Acquired: 9/20/2019 18:39:02 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.3592
 Stddev 2.7097
 %RSD 62.161

#1 1.6586
 #2 7.0779
 #3 4.3411

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2508.7	27387.	2739.8	143.77	2524.4
Stddev	76.8	25.	30.0	2.23	75.4
%RSD	3.0601	.09259	1.0967	1.5494	2.9868

#1	2597.2	27360.	2735.6	142.18	2611.4
#2	2460.1	27390.	2712.1	142.82	2480.1
#3	2468.7	27411.	2771.8	146.32	2481.6

Sample Name: CCV08 Acquired: 9/20/2019 18:43:36 Type: Unk
Method: P4-ICP2(v3395) 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	5.1173	5.0994	5.0696	5.1000	5.0505	10.333	10.180	.25439
Stddev	.0445	.0512	.0562	.0608	.0515	.109	.065	.00061
%RSD	.87020	1.0039	1.1094	1.1914	1.0205	1.0505	.63664	.24116
#1	5.1080	5.0705	5.0379	5.0688	5.0364	10.243	10.156	.25394
#2	5.0782	5.0692	5.0363	5.0611	5.0074	10.303	10.130	.25509
#3	5.1658	5.1585	5.1345	5.1700	5.1076	10.454	10.253	.25413
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4953	25.419	.99761	2.4956	1.2782	5.0098	2.5355	25.410
Stddev	.0273	.085	.00070	.0319	.0152	.0043	.0009	.163
%RSD	1.0933	.33492	.07003	1.2803	1.1910	.08512	.03463	.64217
#1	2.4797	25.360	.99813	2.4774	1.2716	5.0143	2.5360	25.348
#2	2.4794	25.381	.99788	2.4770	1.2673	5.0094	2.5345	25.287
#3	2.5268	25.517	.99681	2.5325	1.2956	5.0058	2.5361	25.595
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5352	1.2600	24.999	2.5240	2.5254	25.925	5.1471	5.1687
Stddev	.0290	.0029	.141	.0024	.0264	.101	.0619	.0114
%RSD	1.1456	.23227	.56463	.09710	1.0444	.38851	1.2027	.22088
#1	2.5204	1.2592	24.957	2.5220	2.5118	25.888	5.1197	5.1803
#2	2.5165	1.2576	24.883	2.5232	2.5086	25.848	5.1036	5.1575
#3	2.5686	1.2633	25.156	2.5267	2.5558	26.039	5.2180	5.1683
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2113	5.0954	5.0559	5.0570	5.1161	5.267	5.0642	F 2.8363
Stddev	.0615	.0091	.0552	.0109	.0080	.053	.0179	.0973
%RSD	1.1803	.17852	1.0918	.21505	.15570	1.001	.35249	3.4316
#1	5.1843	5.1023	5.0326	5.0475	5.1135	5.243	5.0639	2.9378
#2	5.1679	5.0988	5.0161	5.0547	5.1098	5.231	5.0466	2.8273
#3	5.2817	5.0851	5.1189	5.0688	5.1251	5.328	5.0823	2.7437

Sample Name: CCV08 Acquired: 9/20/2019 18:43:36 Type: Unk
 Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 5.7866
Stddev	2.1336
%RSD	36.872

#1	8.1880
#2	5.0627
#3	4.1091

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.8	27273.	2694.3	140.62	2387.7
Stddev	30.8	72.	6.3	.84	28.8
%RSD	1.2724	.26487	.23504	.59779	1.2041

#1	2436.4	27213.	2687.4	139.77	2404.3
#2	2444.5	27353.	2695.7	141.45	2404.4
#3	2387.5	27254.	2699.9	140.63	2354.5

Sample Name: CCB08 Acquired: 9/20/2019 18:47:33 Type: Unk
Method: P4-ICP2(v3395) 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	-.00065	-.00115	-.00146	-.00047	-.00060	-.01943	-.00057	.00016
Stddev	.00048	.00018	.00045	.00050	.00164	.00350	.00449	.00005
%RSD	74.955	15.961	30.631	107.11	275.07	17.989	790.05	32.292
#1	-.00023	-.00122	-.00096	-.00037	-.00249	-.02185	.00444	.00020
#2	-.00053	-.00130	-.00183	-.00102	.00028	-.02103	-.00426	.00016
#3	-.00118	-.00095	-.00158	-.00002	.00042	-.01543	-.00189	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00187	.00056	.00057	-.00115	-.00325	.00029	.05557
Stddev	.00004	.02231	.00039	.00028	.00036	.00111	.00006	.02609
%RSD	18.277	1190.5	70.542	49.909	31.288	34.208	20.702	46.953
#1	.00024	-.02505	.00077	.00085	-.00122	-.00386	.00024	.02680
#2	.00026	.01945	.00010	.00028	-.00076	-.00196	.00036	.06220
#3	.00018	-.00002	.00080	.00058	-.00146	-.00392	.00029	.07770
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00027	.05951	-.00013	-.00027	.10521	.00123	-.00113
Stddev	.00050	.00040	.01067	.00041	.00013	.03346	.00087	.00724
%RSD	634.98	145.95	17.935	324.13	50.199	31.801	70.907	640.17
#1	-.00015	.00015	.07041	-.00026	-.00018	.09963	.00214	.00723
#2	-.00026	-.00005	.05903	-.00046	-.00020	.07488	.00116	-.00561
#3	.00066	.00072	.04908	.00033	-.00042	.14110	.00040	-.00501
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	-.00247	-.00084	.00288	-.00877	.0001	.00015	F 2.2323
Stddev	.00664	.00151	.00047	.00016	.00533	.0007	.00010	.1666
%RSD	357.41	61.140	56.690	5.7170	60.782	450.5	69.285	7.4647
#1	.00365	-.00165	-.00045	.00307	-.01362	.0006	.00007	2.3353
#2	.00742	-.00422	-.00069	.00275	-.00306	.0004	.00011	2.3215
#3	-.00550	-.00155	-.00136	.00284	-.00963	-.0006	.00026	2.0401

Sample Name: CCB08 Acquired: 9/20/2019 18:47:33 Type: Unk
Method: P4-ICP2(v3395) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.1724
Stddev 1.7949
%RSD 43.018

#1 6.2171
#2 2.8566
#3 3.4436

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2515.7	27952.	2717.8	144.37	2645.0
Stddev	37.0	92.	14.0	2.10	37.7
%RSD	1.4716	.32821	.51572	1.4554	1.4270

#1	2492.1	27857.	2711.6	142.28	2612.3
#2	2496.7	28040.	2707.9	146.48	2636.3
#3	2558.4	27959.	2733.8	144.35	2686.3