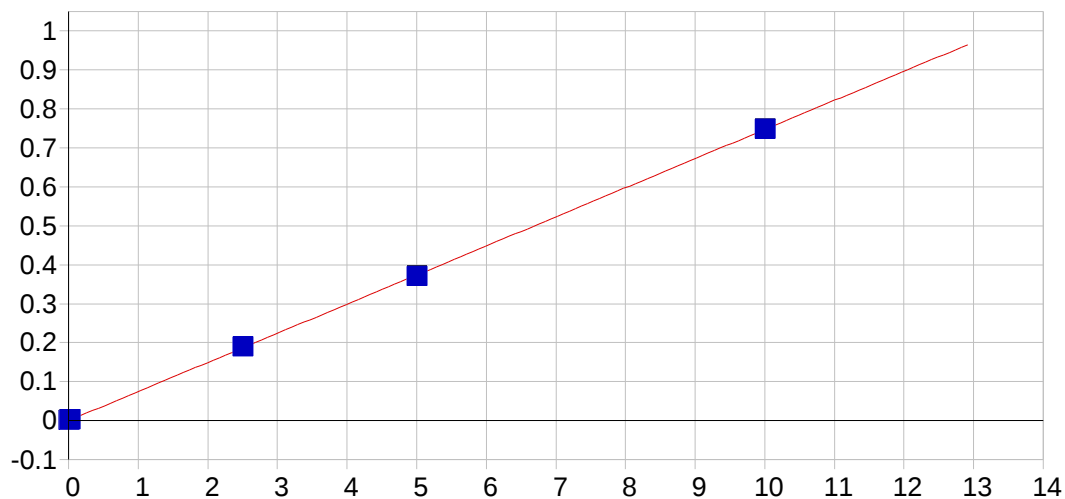


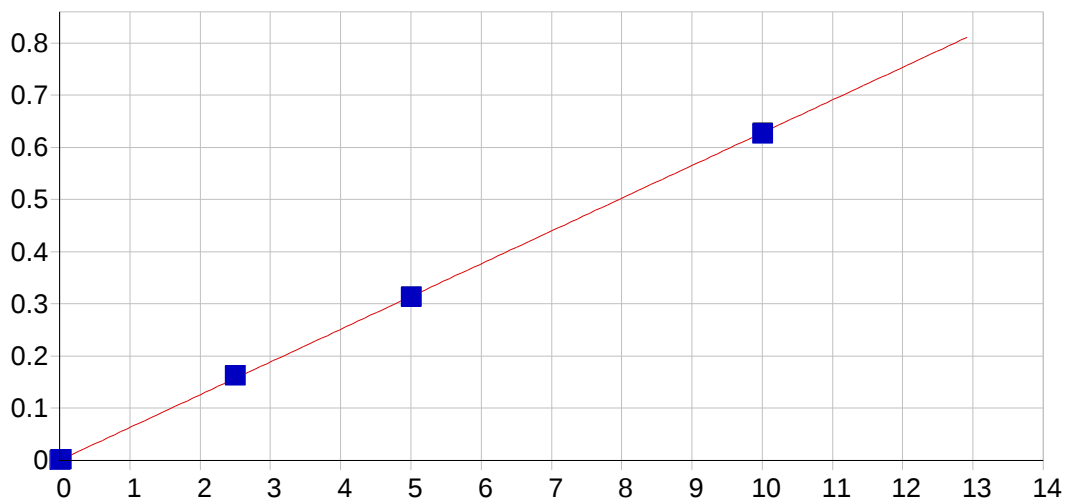


As 189.042 {478}

Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000205 Re-Slope: 1.000000
 A1 (Gain): 0.074744 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.002338
 Predicted MQL: 0.007795

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00020	.000	1
S1	.02000	.02018	.000	.876	.00130	.000	1
S3	2.5000	2.5353	.035	1.41	.18928	.000	1
S4	5.0000	4.9543	-.046	-.914	.37008	.002	1
S5	10.000	10.010	.010	.102	.74795	.000	1



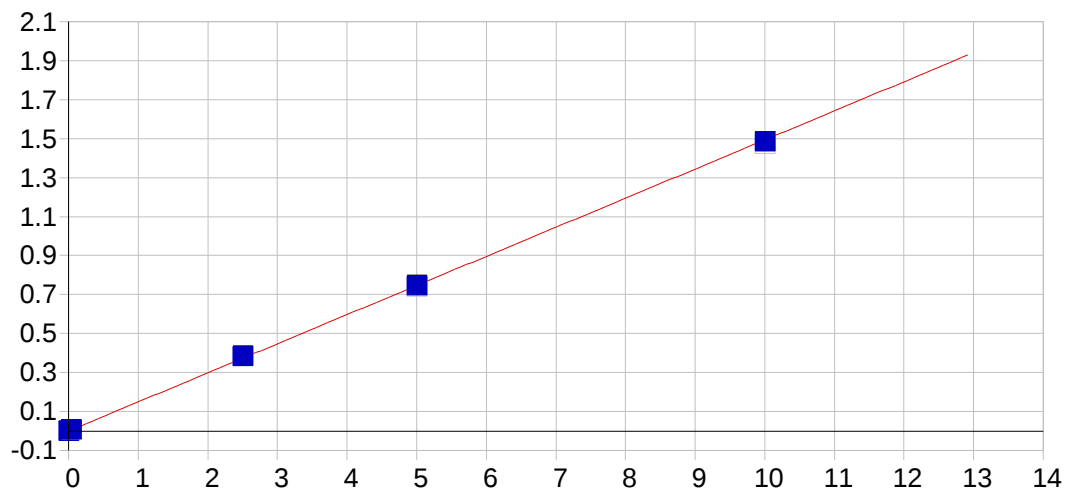
As 189.042 {479}

Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000403 Re-Slope: 1.000000

A1 (Gain): 0.062778 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.001990
 Predicted MQL: 0.006634

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00040	.000	1
S1	.02000	.01848	-.002	-7.60	.00156	.000	1
S3	2.5000	2.5686	.069	2.74	.16166	.000	1
S4	5.0000	4.9722	-.028	-.555	.31255	.000	1
S5	10.000	9.9607	-.039	-.393	.62572	.001	1

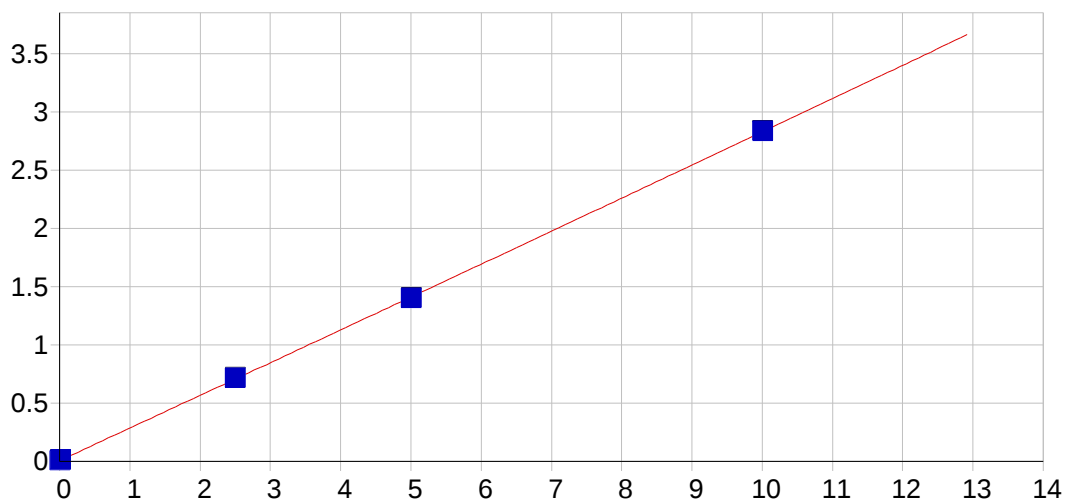


TI 190.856 {477}

Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000418 Re-Slope: 1.000000
 A1 (Gain): 0.149360 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.000983
 Predicted MQL: 0.003276

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00042	.000	1
S1	.04000	.04162	.002	4.05	.00564	.000	1
S3	2.5000	2.5731	.073	2.92	.38007	.000	1
S4	5.0000	4.9910	-.009	-.180	.73738	.002	1
S5	10.000	9.9343	-.066	-.657	1.4681	.001	1

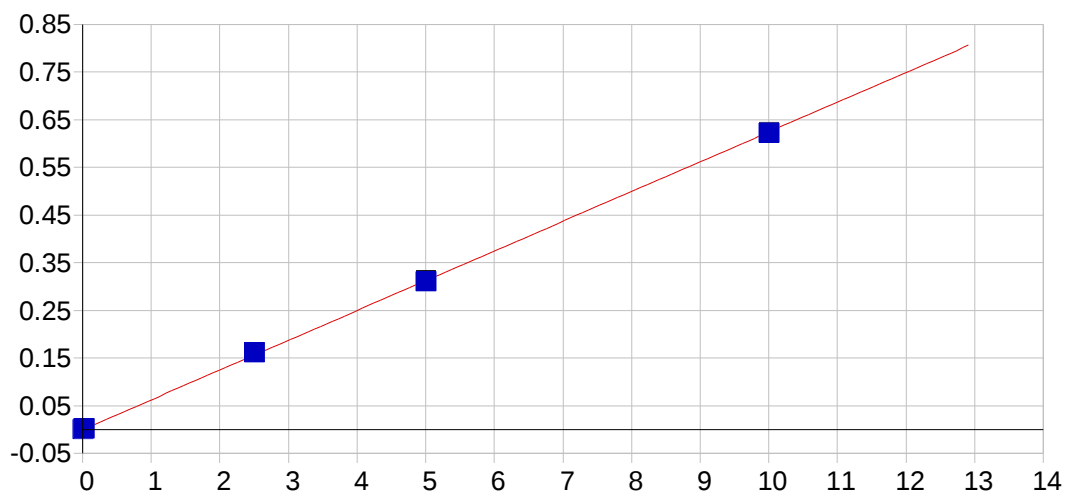


Pb 220.353 {453}

Date of Fit: 6/3/2019 17:28:26 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.006964 Re-Slope: 1.000000
 A1 (Gain): 0.279082 Y-int: 0.000000
 A2 (Curvature): 0.000303
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: Warning Positive Curvature
 Std Error of Est: 0.000065
 Predicted MDL: 0.000826
 Predicted MQL: 0.002754

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00696	.000	1
S1	.01200	.01035	-.002	-13.7	.00979	.000	1
S3	2.5000	2.5291	.029	1.16	.71377	.002	1
S4	5.0000	4.9598	-.040	-.803	1.3967	.002	1
S5	10.000	10.013	.013	.127	2.8279	.004	1



Se 196.090 {472}

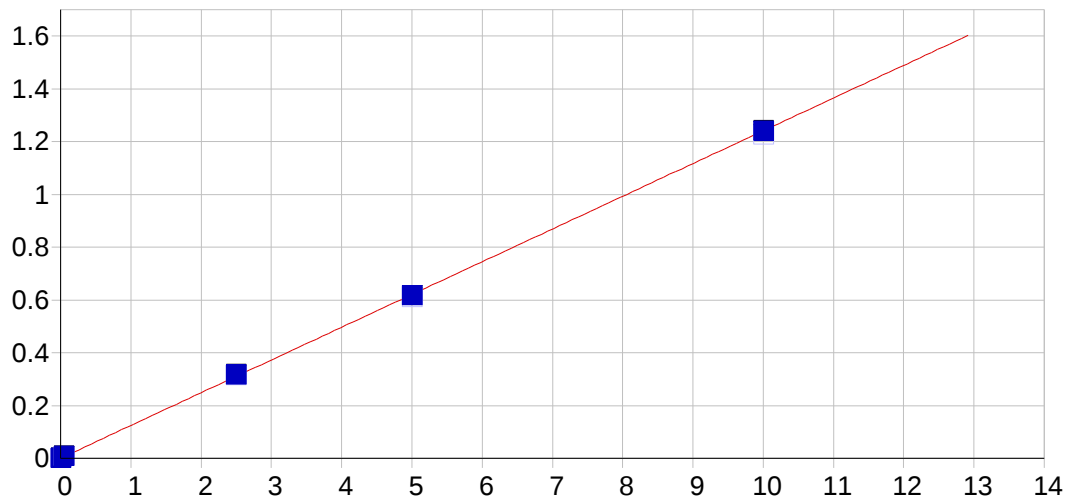
Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000148 Re-Slope: 1.000000
 A1 (Gain): 0.062459 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913
 Std Error of Est: 0.000020
 Predicted MDL: 0.002482
 Predicted MQL: 0.008274

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.02000	.01781	-.002	-11.0	.00096	.000	1
S3	2.5000	2.5778	.078	3.11	.16082	.000	1
S4	5.0000	4.9671	-.033	-.658	.31002	.001	1
S5	10.000	9.9573	-.043	-.427	.62164	.001	1



Sb 206.833 {463}

Date of Fit: 6/3/2019 17:28:26

Type of Fit: Linear

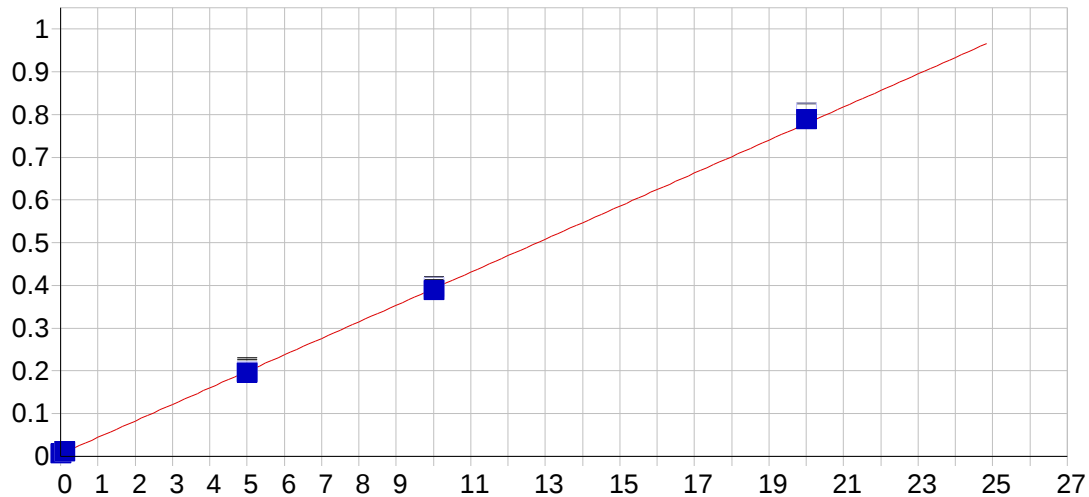
Weighting: 1/Conc

A0 (Offset): 0.000442
 A1 (Gain): 0.124052
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000040
 Predicted MDL: 0.001569
 Predicted MQL: 0.005230

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	.00044	.000	1
S1	.05000	.05151	.002	3.02	.00668	.000	1
S3	2.5000	2.5466	.047	1.86	.31287	.000	1
S4	5.0000	4.9616	-.038	-.769	.60896	.001	1
S5	10.000	9.9903	-.010	-.097	1.2258	.001	1

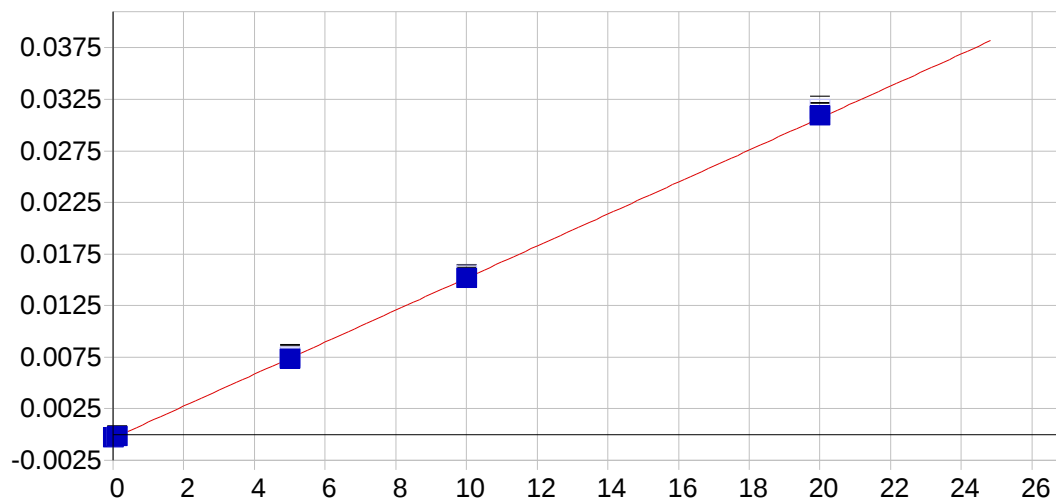


AI 308.215 {109}

Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005594 Re-Slope: 1.000000
 A1 (Gain): 0.038672 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.002374
 Predicted MQL: 0.007912

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00559	.000	1
S1	.10000	.10907	.009	9.07	.01008	.000	1
S3	5.0000	4.8760	-.124	-2.48	.19801	.008	1
S4	10.000	9.9008	-.099	-.992	.39617	.001	1
S5	20.000	20.214	.214	1.07	.80269	.001	1



AI 309.271 {109}

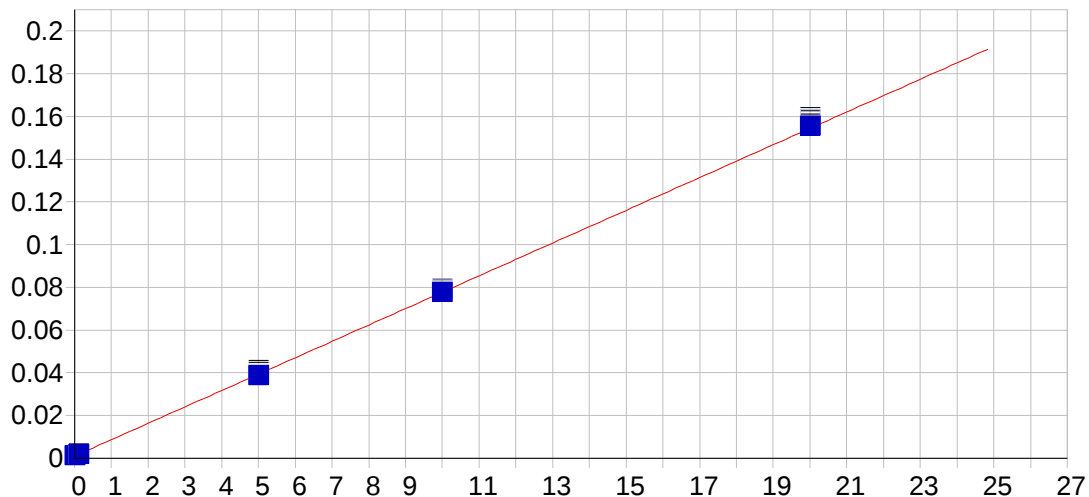
Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000353 Re-Slope: 1.000000
 A1 (Gain): 0.001552 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934
 Std Error of Est: 0.000001
 Predicted MDL: 0.033371
 Predicted MQL: 0.111237

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00035	.000	1
S1	.10000	.08175	-.018	-18.2	-.00022	.000	1
S3	5.0000	4.9403	-.060	-1.19	.00747	.000	1
S4	10.000	9.9658	-.034	-.342	.01542	.000	1
S5	20.000	20.113	.113	.565	.03148	.000	1



AI 396.152 { 85}

Date of Fit: 6/3/2019 17:28:26

Type of Fit: Linear

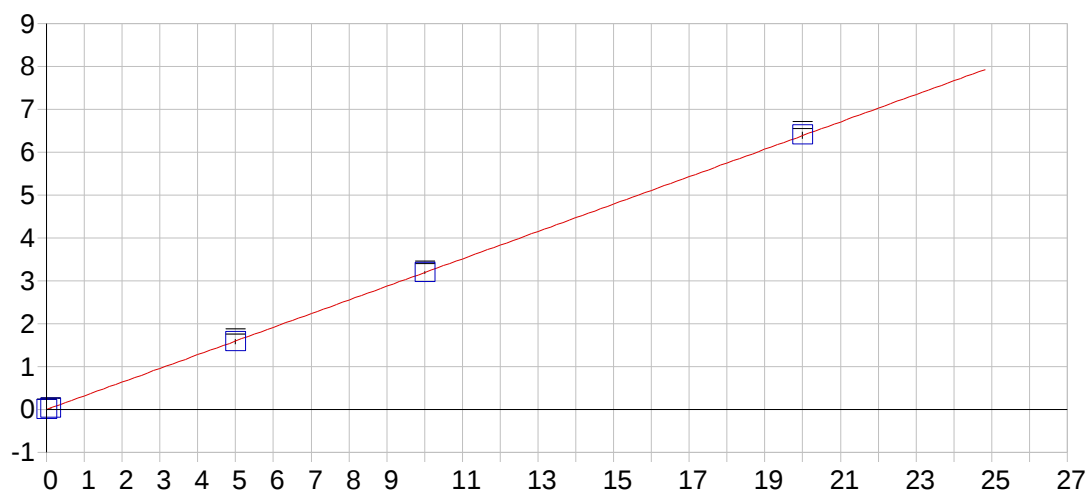
Weighting: 1/Conc

A0 (Offset): 0.001063
 A1 (Gain): 0.007668
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950
 Std Error of Est: 0.000006
 Predicted MDL: 0.011253
 Predicted MQL: 0.037508

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	.00106	.000	1
S1	.10000	.10476	.005	4.76	.00192	.000	1
S3	5.0000	4.8922	-.108	-2.16	.03934	.002	1
S4	10.000	9.9626	-.037	-.374	.07898	.000	1
S5	20.000	20.140	.140	.701	.15855	.001	1

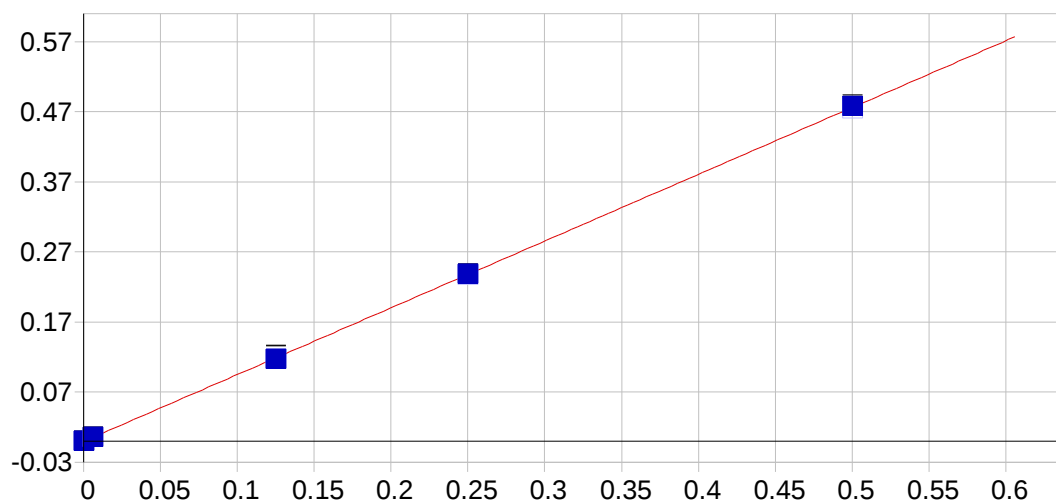


Ba 493.409 { 68}

Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000174 Re-Slope: 1.000000
 A1 (Gain): 0.319412 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.000598
 Predicted MQL: 0.001994

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.10000	.10323	.003	3.23	.03280	.000	1
S3	5.0000	4.9605	-.040	-.790	1.5843	.058	1
S5	20.000	20.036	.036	.181	6.3996	.082	1
S4	10.000	10.000	.000	.001	3.1940	.025	1



Be 234.861 {144}

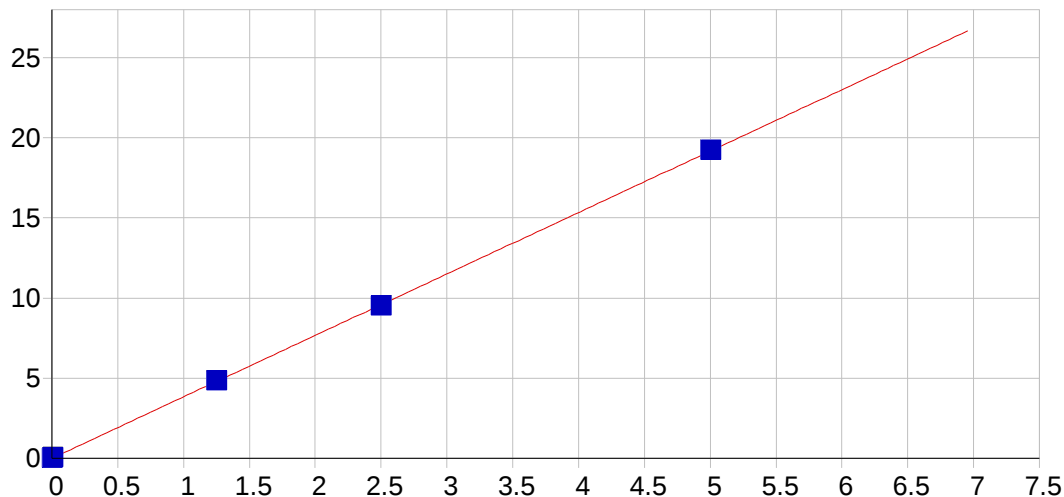
Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000134 Re-Slope: 1.000000
 A1 (Gain): 0.952421 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981
 Std Error of Est: 0.000017
 Predicted MDL: 0.000064
 Predicted MQL: 0.000214

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00013	.000	1
S1	.00600	.00619	.000	3.22	.00570	.000	1
S3	.12500	.12330	-.002	-1.36	.11655	.005	1
S4	.25000	.25010	.000	.040	.23657	.001	1
S5	.50000	.50140	.001	.281	.47442	.002	1



Cd 226.502 {449}

Date of Fit: 6/3/2019 17:28:26

Type of Fit: Linear

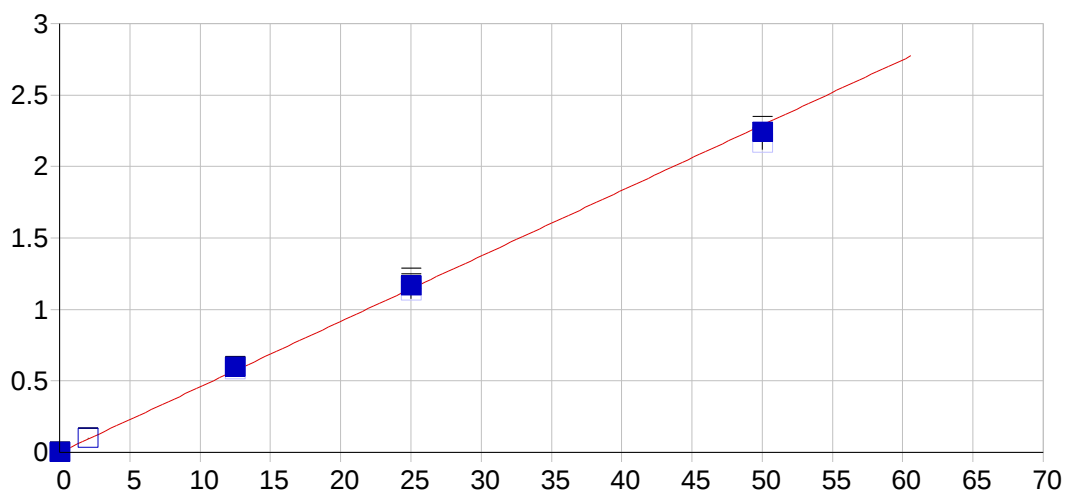
Weighting: 1/Conc

A0 (Offset): 0.000485
 A1 (Gain): 3.834434
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000196
 Predicted MDL: 0.000069
 Predicted MQL: 0.000230

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	.00049	.000	1
S1	.00600	.00591	-.000	-1.48	.02319	.000	1
S3	1.2500	1.2564	.006	.509	4.8190	.006	1
S4	2.5000	2.4786	-.021	-.855	9.5068	.004	1
S5	5.0000	5.0151	.015	.302	19.235	.012	1

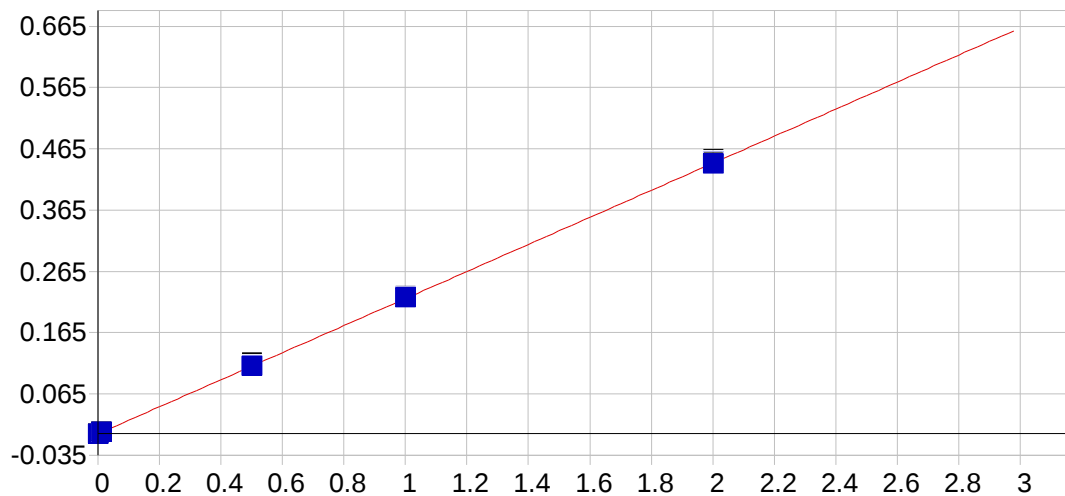


Ca 373.690 { 90}

Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000576 Re-Slope: 1.000000
 A1 (Gain): 0.045781 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999585 Status: OK.
 Std Error of Est: 0.000696
 Predicted MDL: 0.016234
 Predicted MQL: 0.054115

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1518	.152	7.59	.09908	.001	1
S0	.00000	-.00023	-.000	.000	.00057	.000	1
S3	12.500	13.043	.543	4.35	.57864	.002	1
S4	25.000	25.448	.448	1.79	1.1275	.051	1
S5	50.000	48.852	-1.15	-2.30	2.1608	.043	1



Cr 267.716 {126}

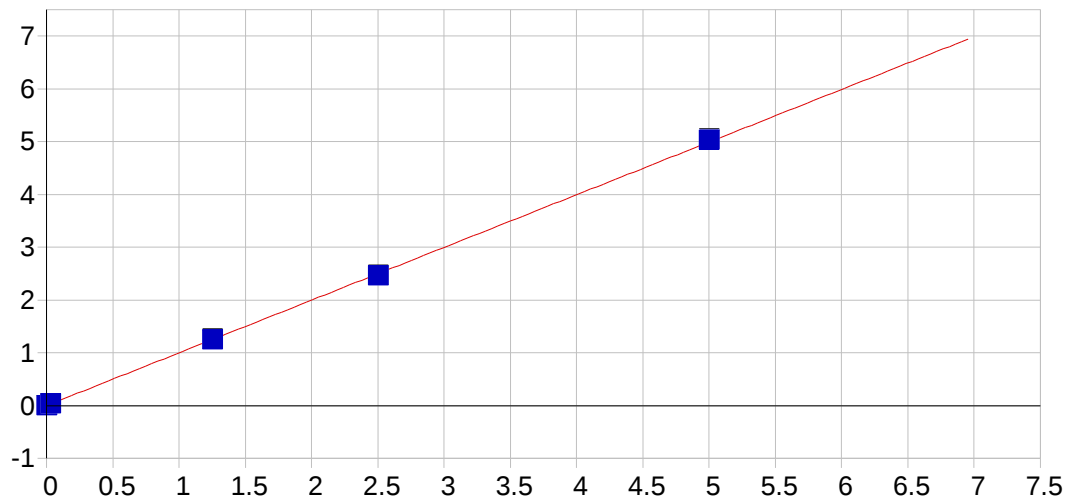
Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000073 Re-Slope: 1.000000
 A1 (Gain): 0.220746 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993
 Std Error of Est: 0.000006
 Predicted MDL: 0.000377
 Predicted MQL: 0.001256

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.01000	.01010	.000	.970	.00217	.000	1
S3	.50000	.49890	-.001	-.221	.11092	.005	1
S4	1.0000	1.0059	.006	.585	.22370	.000	1
S5	2.0000	1.9952	-.005	-.242	.44382	.003	1



Co 228.616 {447}

Date of Fit: 6/3/2019 17:28:26

Type of Fit: Linear

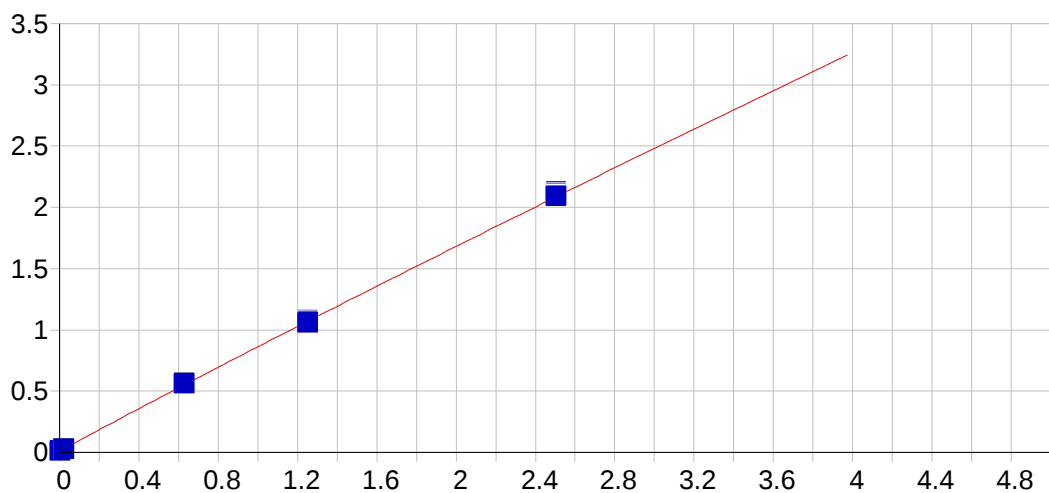
Weighting: 1/Conc

A0 (Offset): -0.000314
 A1 (Gain): 0.998356
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945
 Std Error of Est: 0.000220
 Predicted MDL: 0.000219
 Predicted MQL: 0.000729

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	-.00031	.000	1
S1	.03000	.02881	-.001	-3.95	.02825	.000	1
S3	1.2500	1.2493	-.001	-.055	1.2479	.002	1
S4	2.5000	2.4614	-.039	-1.54	2.4590	.004	1
S5	5.0000	5.0404	.040	.809	5.0358	.010	1

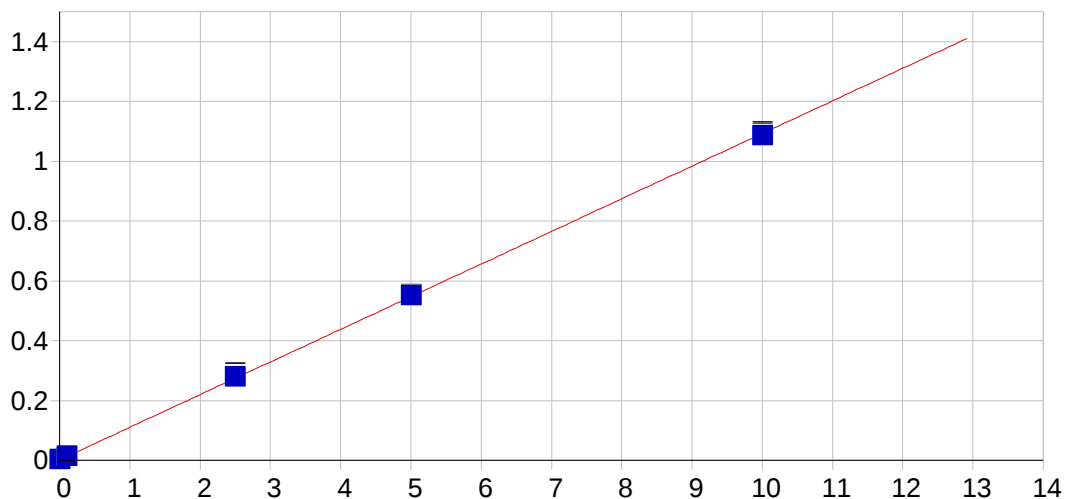


Cu 224.700 {450}

Date of Fit: 6/3/2019 17:28:26 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.007876 Re-Slope: 1.000000
 A1 (Gain): 0.859612 Y-int: 0.000000
 A2 (Curvature): -0.005720
 n (Exponent): 0.980000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000161
 Predicted MDL: 0.000334
 Predicted MQL: 0.001114

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00788	.000	1
S1	.02000	.01926	-.001	-3.70	.02606	.000	1
S3	.62500	.63525	.010	1.64	.56526	.001	1
S4	1.2500	1.2358	-.014	-1.14	1.0744	.003	1
S5	2.5000	2.5047	.005	.188	2.1219	.004	1



Fe 240.488 {140}

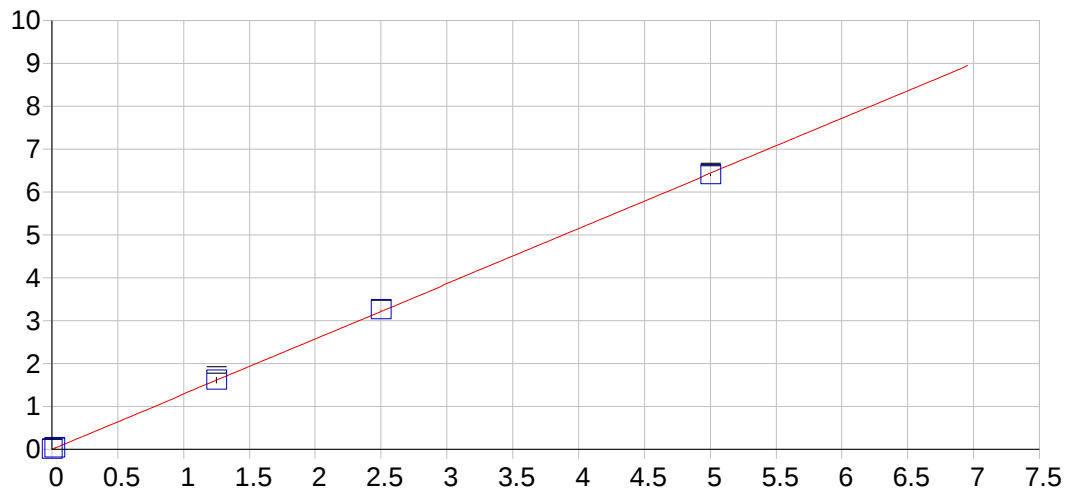
Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001487 Re-Slope: 1.000000
 A1 (Gain): 0.109106 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949
 Std Error of Est: 0.000060
 Predicted MDL: 0.000602
 Predicted MQL: 0.002006

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00149	.000	1
S1	.10000	.10604	.006	6.04	.01311	.000	1
S3	2.5000	2.5380	.038	1.52	.27942	.012	1
S4	5.0000	5.0344	.034	.688	.55281	.000	1
S5	10.000	9.9215	-.078	-.785	1.0881	.009	1



Mn 257.610 {131}

Date of Fit: 6/3/2019 17:28:26

Type of Fit: Linear

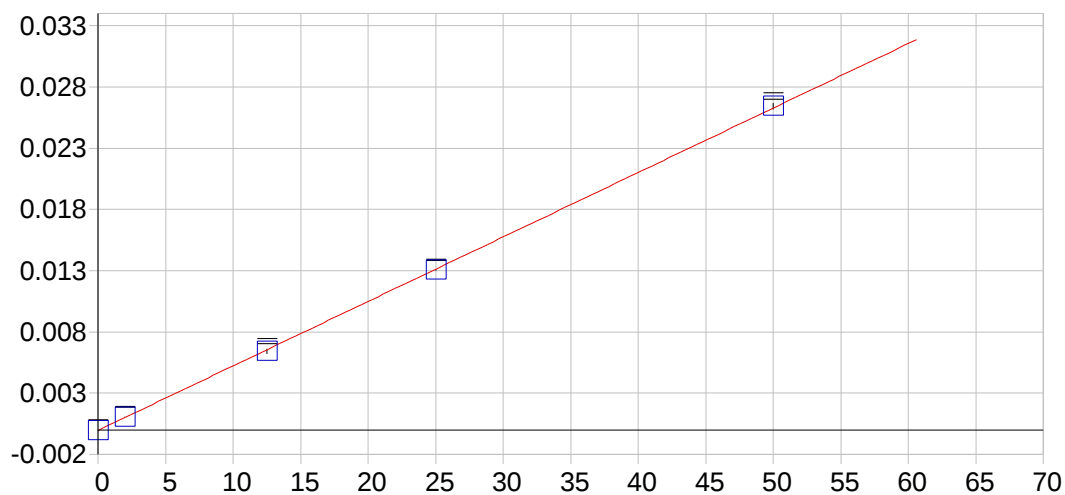
Weighting: 1/Conc

A0 (Offset): 0.000414
 A1 (Gain): 1.286788
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962
 Std Error of Est: 0.000191
 Predicted MDL: 0.000058
 Predicted MQL: 0.000193

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	.00041	.000	1
S1	.02000	.02209	.002	10.4	.02883	.000	1
S3	1.2500	1.2519	.002	.155	1.6114	.070	1
S4	2.5000	2.5257	.026	1.03	3.2504	.007	1
S5	5.0000	4.9703	-.030	-.594	6.3961	.030	1

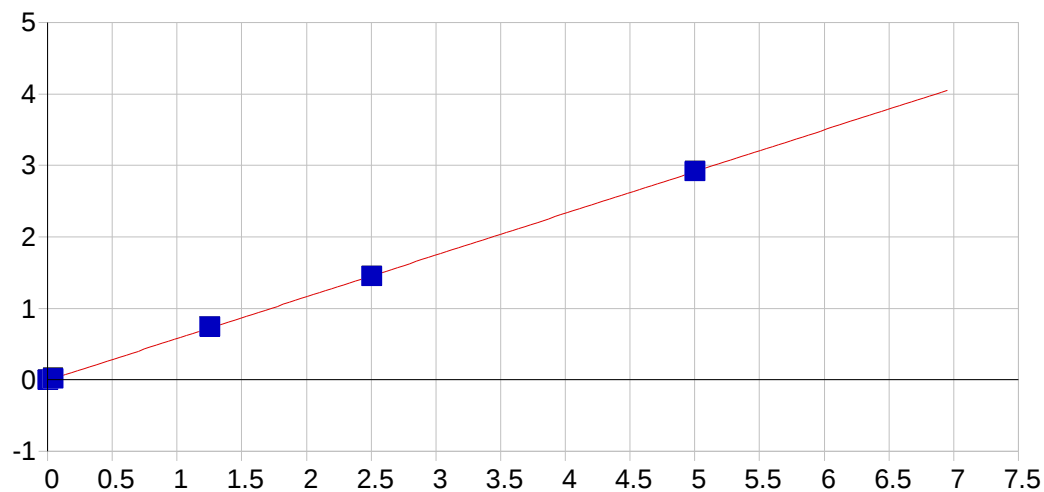


Mg 279.079 {121}

Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000041 Re-Slope: 1.000000
 A1 (Gain): 0.000526 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.051234
 Predicted MQL: 0.170781

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0744	.074	3.72	.00105	.000	1
S0	.00000	-.00004	-.000	.000	-.00004	.000	1
S3	12.500	12.272	-.228	-1.82	.00642	.000	1
S4	25.000	24.866	-.134	-.536	.01305	.000	1
S5	50.000	50.287	.287	.574	.02643	.000	1



Ni 231.604 {445}

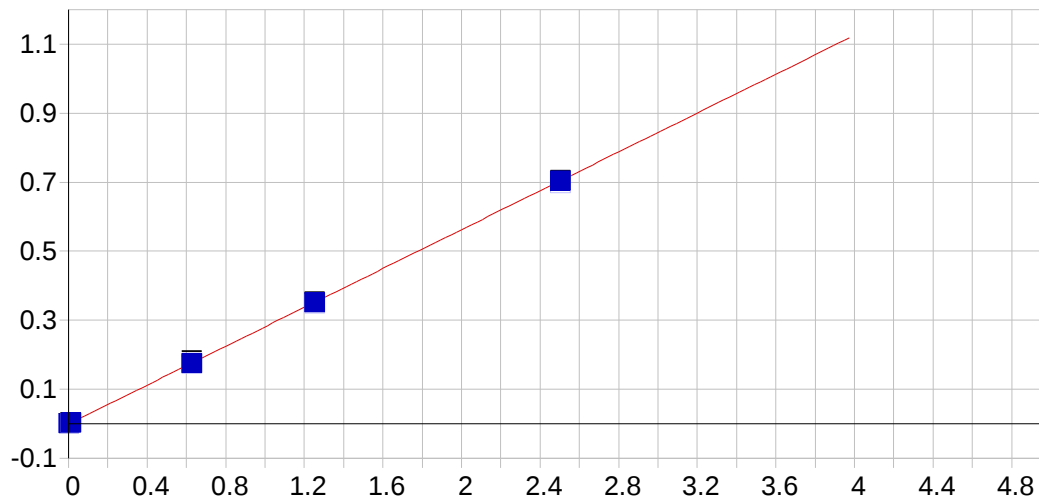
Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007718 Re-Slope: 1.000000
 A1 (Gain): 0.584211 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968
 Std Error of Est: 0.000113
 Predicted MDL: 0.000403
 Predicted MQL: 0.001343

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00772	.000	1
S1	.04000	.04061	.001	1.52	.01602	.000	1
S3	1.2500	1.2727	.023	1.82	.73662	.001	1
S4	2.5000	2.4815	-.019	-.741	1.4436	.002	1
S5	5.0000	4.9952	-.005	-.096	2.9137	.001	1



Ag 328.068 {103}

Date of Fit: 6/3/2019 17:28:26

Type of Fit: Linear

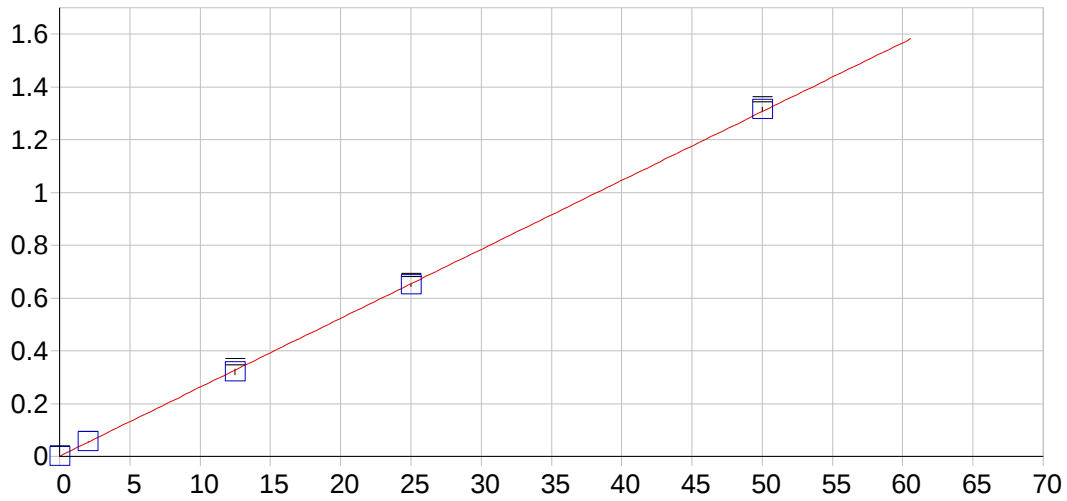
Weighting: 1/Conc

A0 (Offset): -0.000548
 A1 (Gain): 0.281550
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984
 Std Error of Est: 0.000013
 Predicted MDL: 0.000493
 Predicted MQL: 0.001644

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	-.00055	.000	1
S1	.01000	.01112	.001	11.2	.00253	.000	1
S3	.62500	.62263	-.002	-.379	.17275	.008	1
S4	1.2500	1.2501	.000	.006	.34740	.001	1
S5	2.5000	2.5012	.001	.047	.69565	.001	1

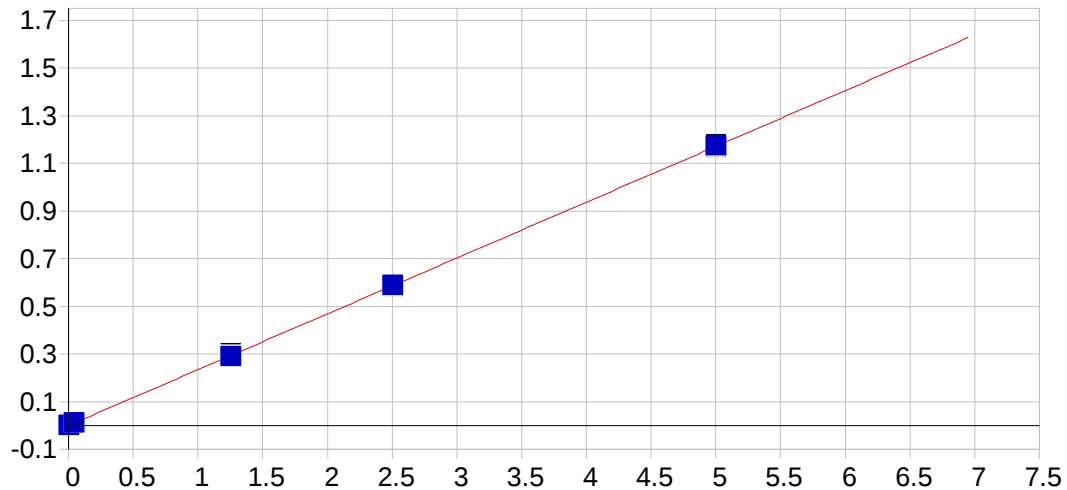


Na 589.592 { 57}

Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001001 Re-Slope: 1.000000
 A1 (Gain): 0.026112 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904 Status: OK.
 Std Error of Est: 0.000197
 Predicted MDL: 0.009043
 Predicted MQL: 0.030143

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1358	.136	6.79	.05677	.000	1
S0	.00000	-.00009	-.000	.000	.00100	.000	1
S3	12.500	12.258	-.242	-1.94	.32108	.012	1
S4	25.000	24.810	-.190	-.760	.64884	.005	1
S5	50.000	50.296	.296	.593	1.3143	.010	1



V 292.402 {115}

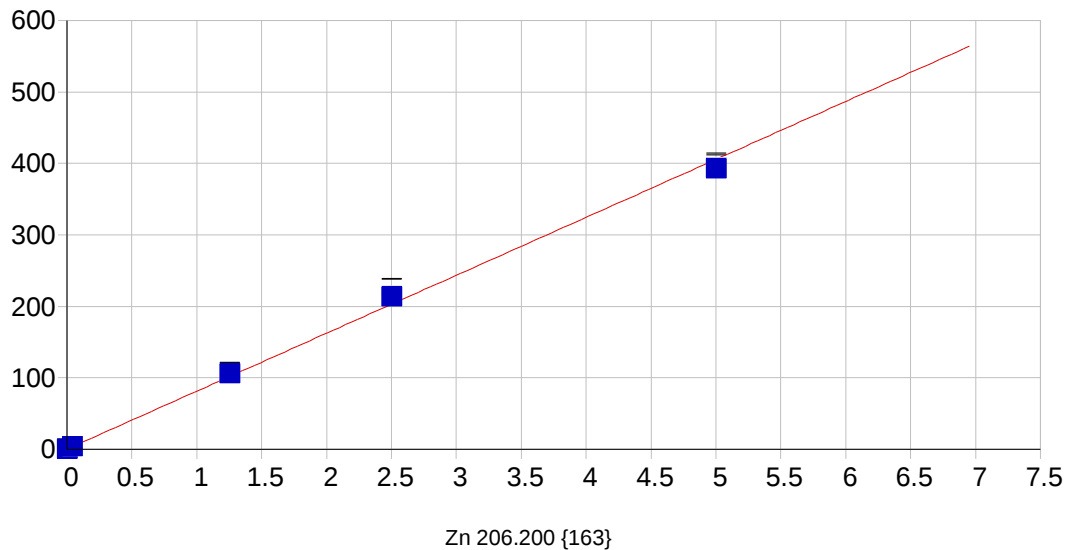
Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000142 Re-Slope: 1.000000
 A1 (Gain): 0.234180 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000026
 Predicted MDL: 0.000405
 Predicted MQL: 0.001352

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00014	.000	1
S1	.04000	.04055	.001	1.36	.00921	.000	1
S3	1.2500	1.2359	-.014	-1.13	.28736	.012	1
S4	2.5000	2.5050	.005	.202	.58266	.001	1
S5	5.0000	5.0086	.009	.171	1.1651	.005	1



Date of Fit: 6/3/2019 17:28:26

Type of Fit: Linear

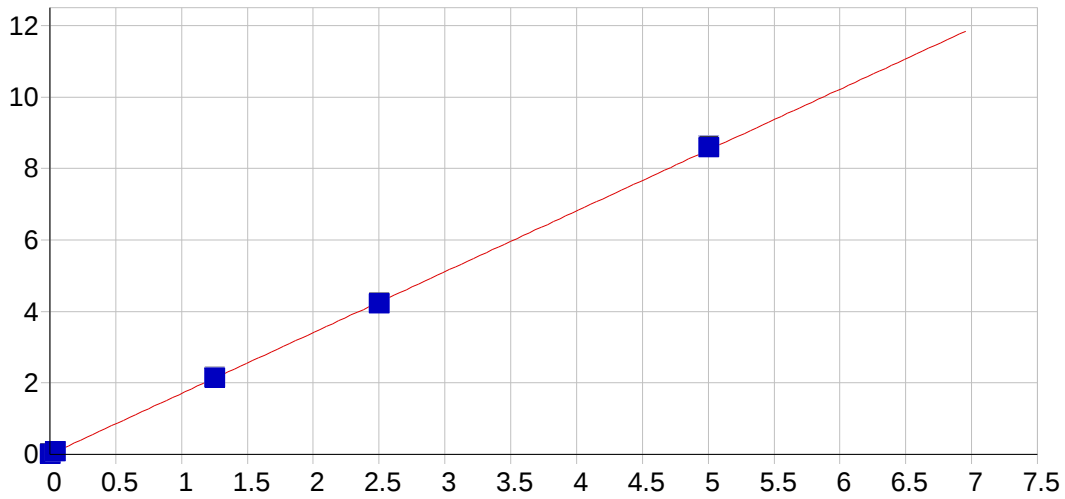
Weighting: 1/Conc

A0 (Offset): 0.267757
 A1 (Gain): 81.075473
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999257
 Std Error of Est: 0.076097
 Predicted MDL: 0.000362
 Predicted MQL: 0.001207

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	.26751	.017	1
S1	.04000	.04095	.001	2.38	3.6094	.100	1
S3	1.2500	1.2969	.047	3.75	106.03	.995	1
S4	2.5000	2.6203	.120	4.81	213.94	11.0	1
S5	5.0000	4.8318	-.168	-3.36	394.46	5.69	1

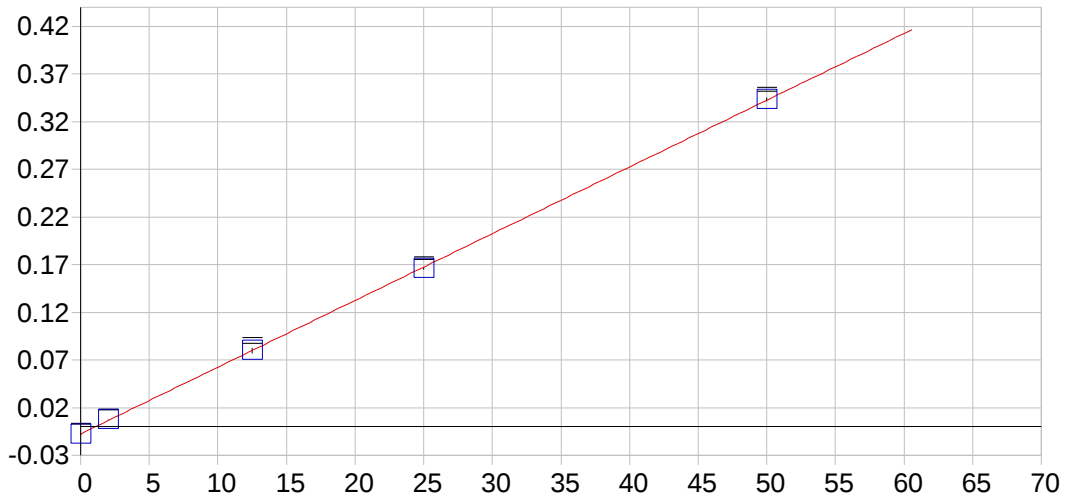


Zn 213.856 {458}

Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003137 Re-Slope: 1.000000
 A1 (Gain): 1.702334 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000402
 Predicted MDL: 0.000096
 Predicted MQL: 0.000321

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00314	.000	1
S1	.04000	.03782	-.002	-5.44	.06800	.000	1
S3	1.2500	1.2535	.003	.276	2.1505	.003	1
S4	2.5000	2.4652	-.035	-1.39	4.2270	.002	1
S5	5.0000	5.0335	.033	.670	8.6261	.007	1



K 766.490 {44}

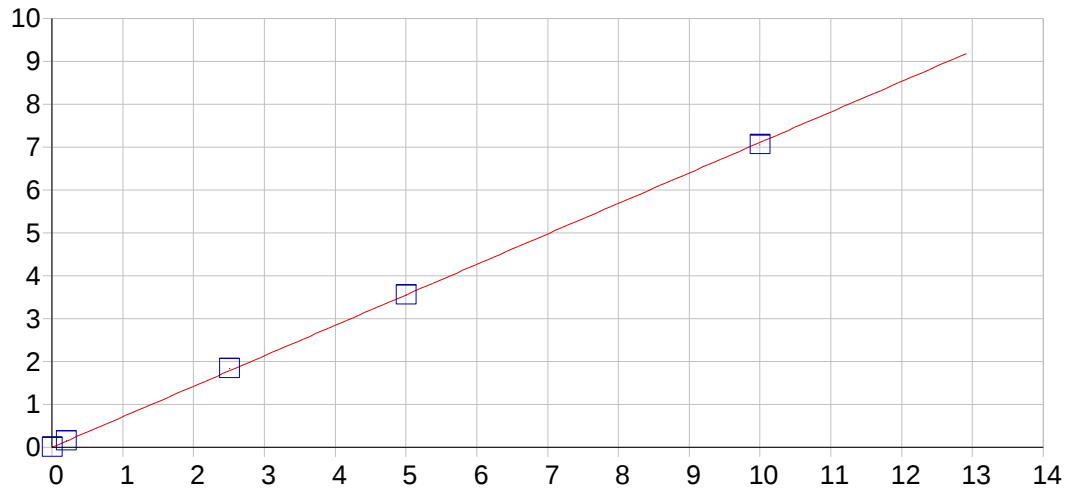
Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007549 Re-Slope: 1.000000
 A1 (Gain): 0.007002 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938
 Std Error of Est: 0.000043
 Predicted MDL: 0.039861
 Predicted MQL: 0.132870

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1322	.132	6.61	.00738	.000	1
S0	.00000	-.00012	-.000	.000	-.00755	.000	1
S3	12.500	12.502	.002	.017	.07999	.003	1
S4	25.000	24.768	-.232	-.928	.16587	.001	1
S5	50.000	50.098	.098	.196	.34323	.002	1



Mo 202.030 {467}

Date of Fit: 6/3/2019 17:28:26

Type of Fit: Linear

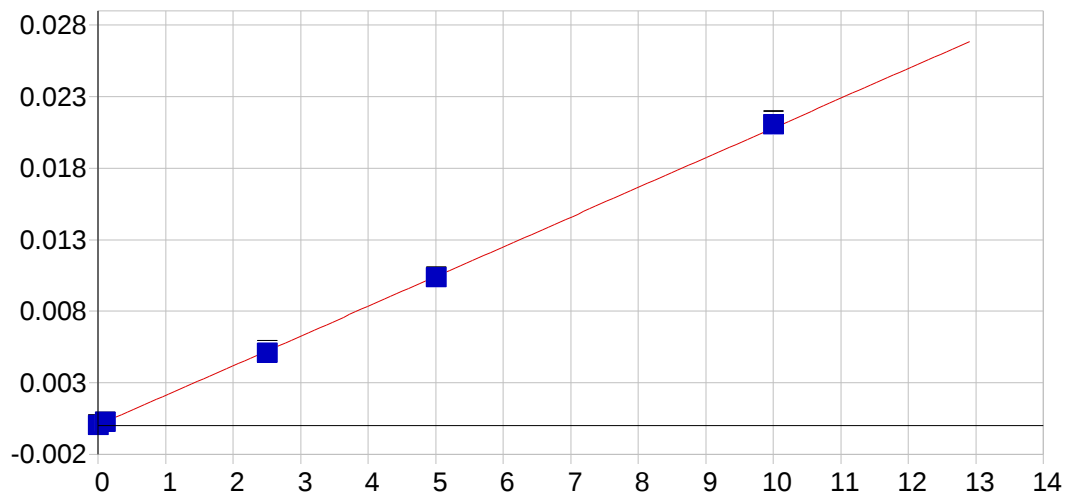
Weighting: 1/Conc

A0 (Offset): 0.000280
 A1 (Gain): 0.710969
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901
 Std Error of Est: 0.000766
 Predicted MDL: 0.000249
 Predicted MQL: 0.000829

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	.00027	.000	1
S1	.20000	.20936	.009	4.68	.14913	.001	1
S3	2.5000	2.5776	.078	3.10	1.8328	.003	1
S4	5.0000	4.9928	-.007	-.144	3.5500	.004	1
S5	10.000	9.9203	-.080	-.797	7.0533	.013	1

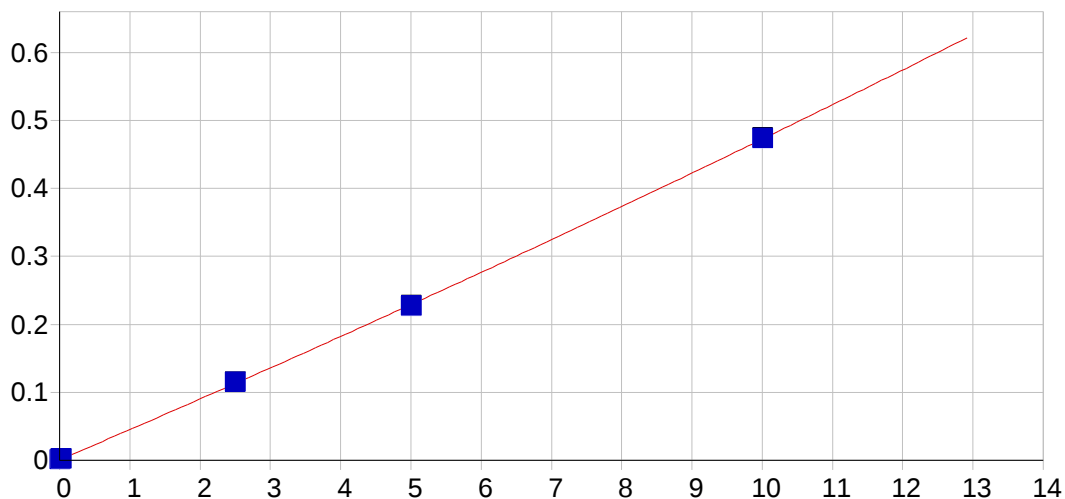


B 249.678 {135}

Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000032 Re-Slope: 1.000000
 A1 (Gain): 0.002078 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.011632
 Predicted MQL: 0.038772

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00003	.000	1
S1	.10000	.08942	-.011	-10.6	.00022	.000	1
S3	2.5000	2.4332	-.067	-2.67	.00508	.000	1
S4	5.0000	4.9661	-.034	-.677	.01033	.000	1
S5	10.000	10.111	.111	1.11	.02099	.000	1



S 182.034 {485}

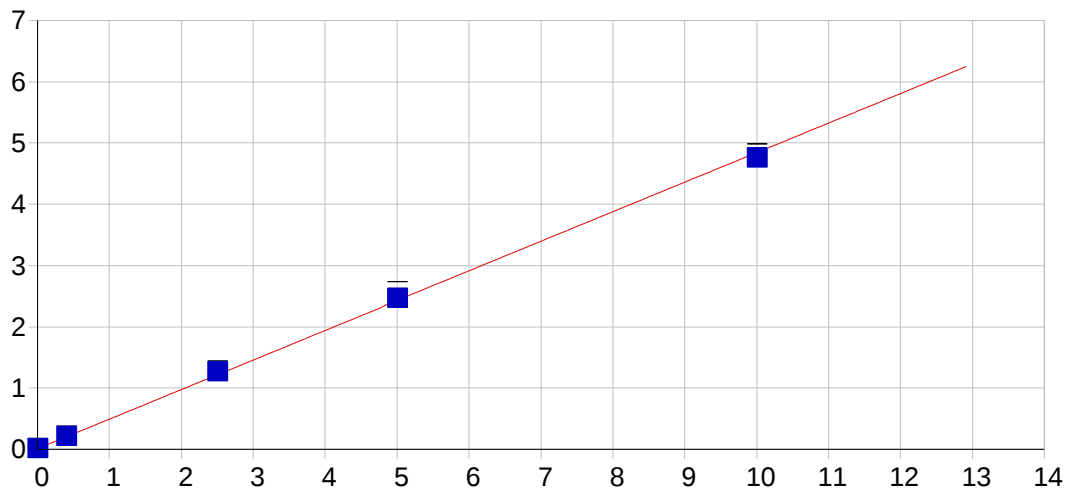
Date of Fit: 6/3/2019 17:28:26 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000866 Re-Slope: 1.000000
 A1 (Gain): 0.044086 Y-int: 0.000000

A2 (Curvature): 0.000308
 n (Exponent): 1.000000
 Correlation: 0.999955
 Std Error of Est: 0.000013
 Predicted MDL: 0.002601
 Predicted MQL: 0.008669

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00087	.000	1
S1	.02000	.01690	-.003	-15.5	.00158	.000	1
S3	2.5000	2.5386	.039	1.54	.11464	.000	1
S4	5.0000	4.9496	-.050	-1.01	.22638	.001	1
S5	10.000	10.015	.015	.149	.47280	.001	1



Date of Fit: 6/3/2019 17:28:26

Type of Fit: Linear

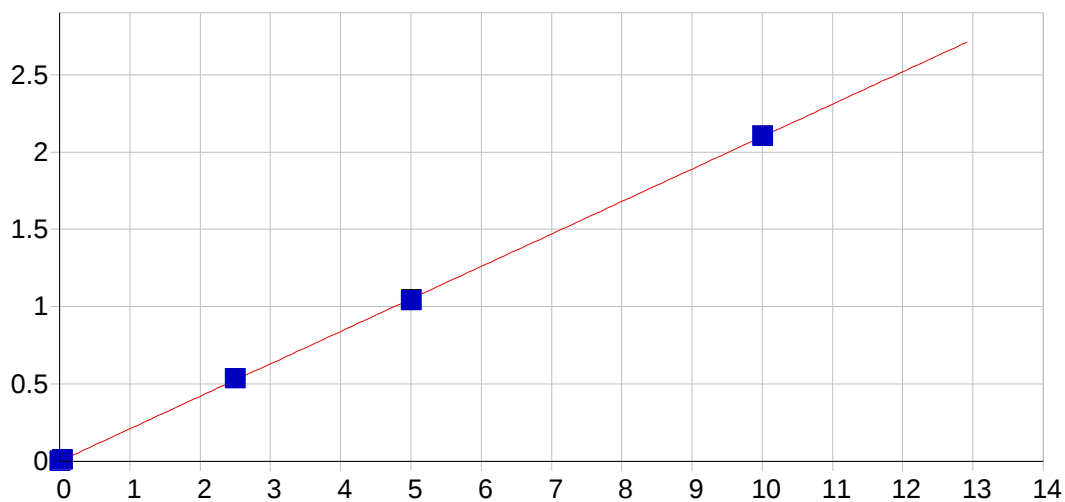
Weighting: 1/Conc

A0 (Offset): 0.012649
 A1 (Gain): 0.482829
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999784
 Std Error of Est: 0.001094
 Predicted MDL: 0.002300
 Predicted MQL: 0.007667

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	.01264	.000	1
S1	.40000	.41142	.011	2.86	.21114	.002	1
S3	2.5000	2.5828	.083	3.31	1.2591	.011	1
S4	5.0000	5.0847	.085	1.69	2.4664	.103	1
S5	10.000	9.8211	-.179	-1.79	4.7520	.069	1

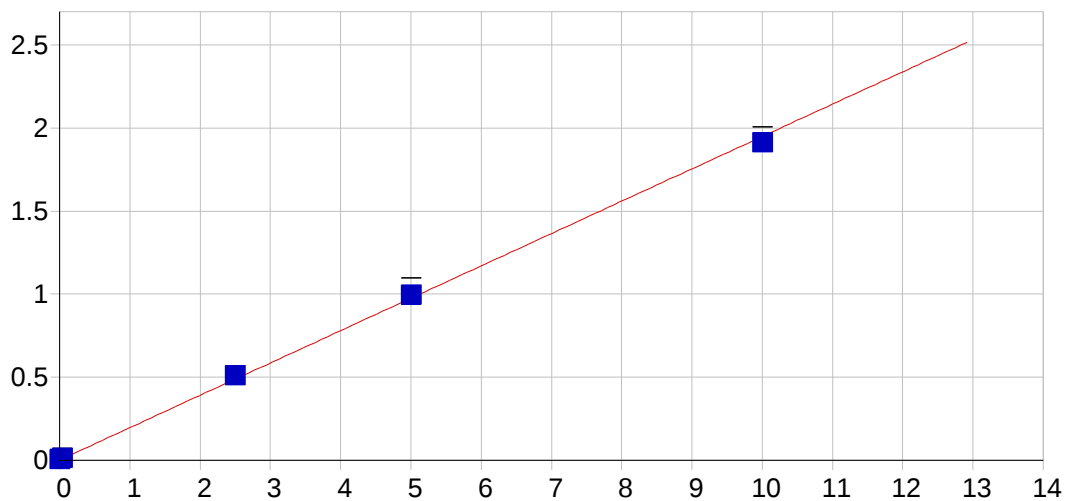


Sn 189.989 {477}

Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001043 Re-Slope: 1.000000
 A1 (Gain): 0.209810 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.000574
 Predicted MQL: 0.001913

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00104	.000	1
S1	.04000	.03882	-.001	-2.96	.00919	.000	1
S3	2.5000	2.5374	.037	1.50	.53352	.001	1
S4	5.0000	4.9522	-.048	-.956	1.0402	.001	1
S5	10.000	10.012	.012	.116	2.1019	.001	1



Ti 336.121 {100}

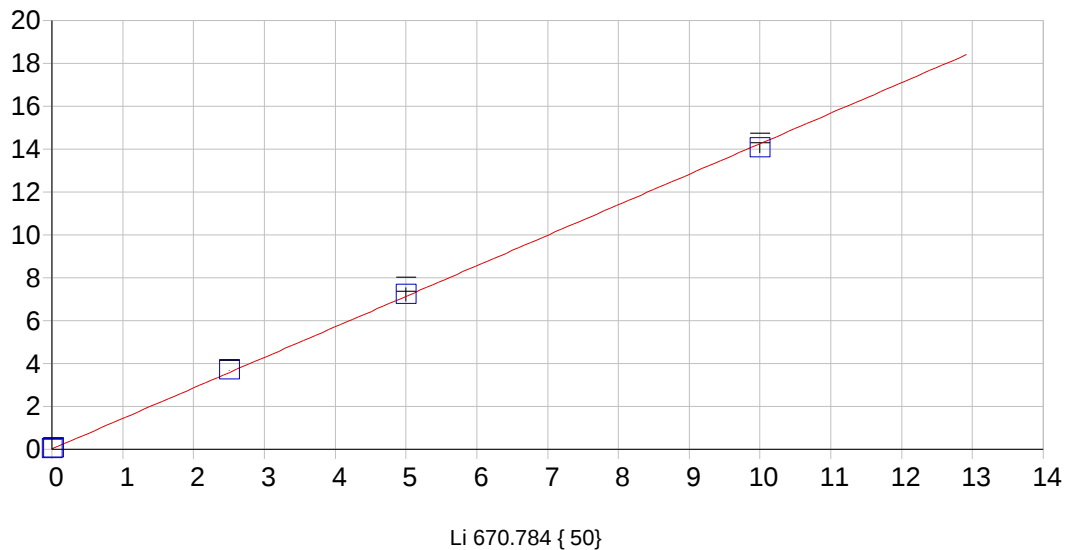
Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002073 Re-Slope: 1.000000
 A1 (Gain): 0.194657 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999725
 Std Error of Est: 0.000156
 Predicted MDL: 0.002403
 Predicted MQL: 0.008008

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00207	.000	1
S1	.04000	.04153	.002	3.82	.01015	.001	1
S3	2.5000	2.5991	.099	3.96	.50795	.002	1
S4	5.0000	5.0952	.095	1.90	.99377	.043	1
S5	10.000	9.8042	-.196	-1.96	1.9103	.036	1



Date of Fit: 6/3/2019 17:28:26

Type of Fit: Linear

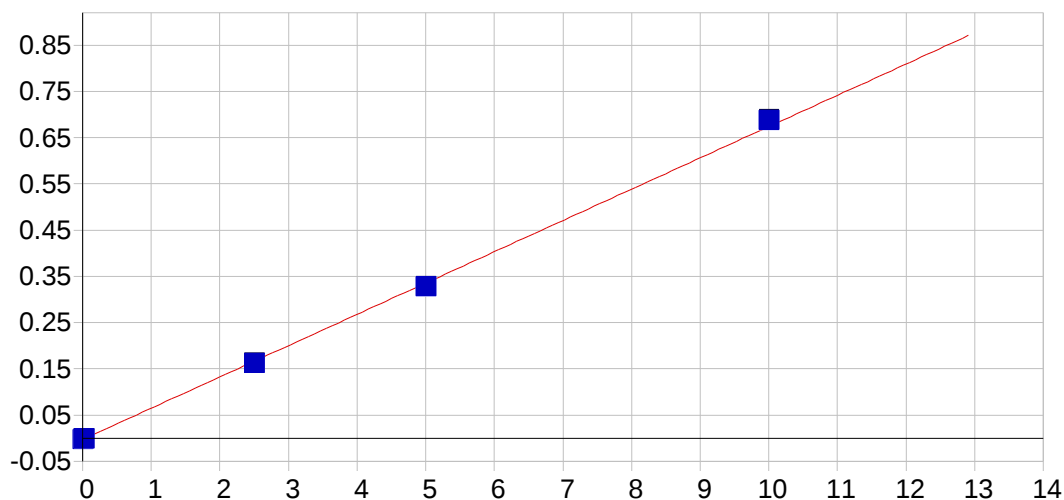
Weighting: 1/Conc

A0 (Offset): 0.015580
 A1 (Gain): 1.423926
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840
 Std Error of Est: 0.000615
 Predicted MDL: 0.001875
 Predicted MQL: 0.006251

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	.01558	.002	1
S1	.02000	.02074	.001	3.69	.04511	.002	1
S3	2.5000	2.5817	.082	3.27	3.6917	.018	1
S4	5.0000	5.0631	.063	1.26	7.2250	.339	1
S5	10.000	9.8545	-.145	-1.45	14.048	.235	1

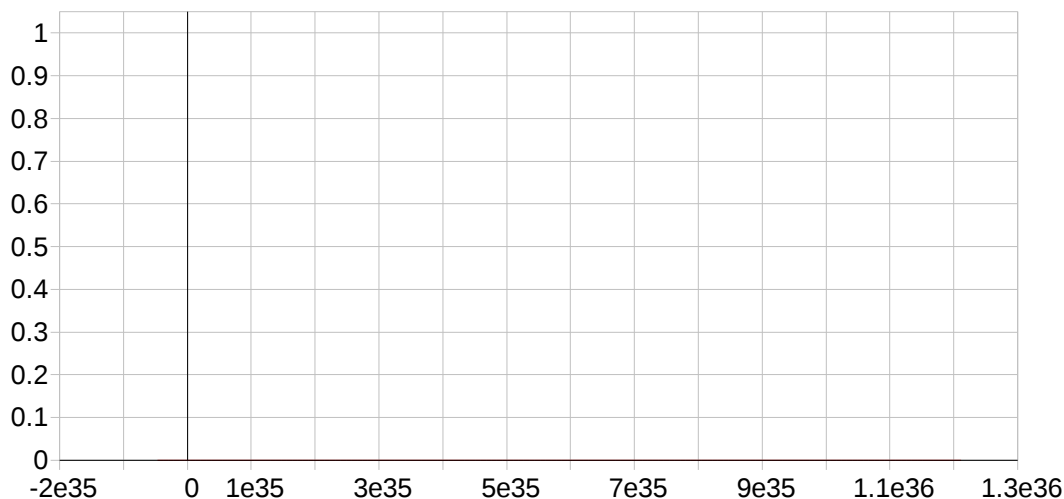


P 177.495 {490}

Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002687 Re-Slope: 1.000000
 A1 (Gain): 0.067650 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999732 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.001647
 Predicted MQL: 0.005489

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00269	.000	1
S1	.02000	.01730	-.003	-13.5	-.00152	.000	1
S3	2.5000	2.4303	-.070	-2.79	.16148	.000	1
S4	5.0000	4.8744	-.126	-2.51	.32658	.000	1
S5	10.000	10.198	.198	1.98	.68623	.001	1



Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

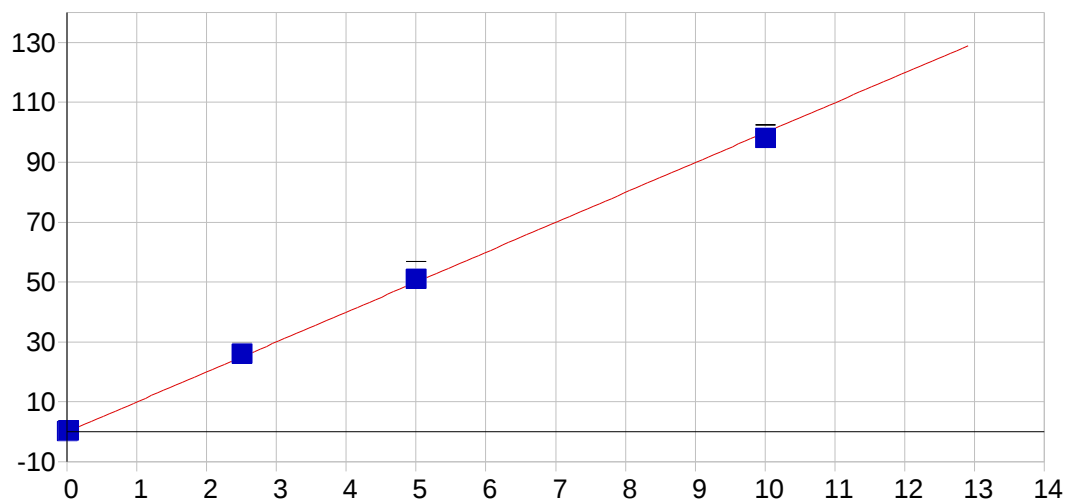
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 6/3/2019 17:28:26

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003317

Re-Slope: 1.000000

A1 (Gain): 9.989324

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999721

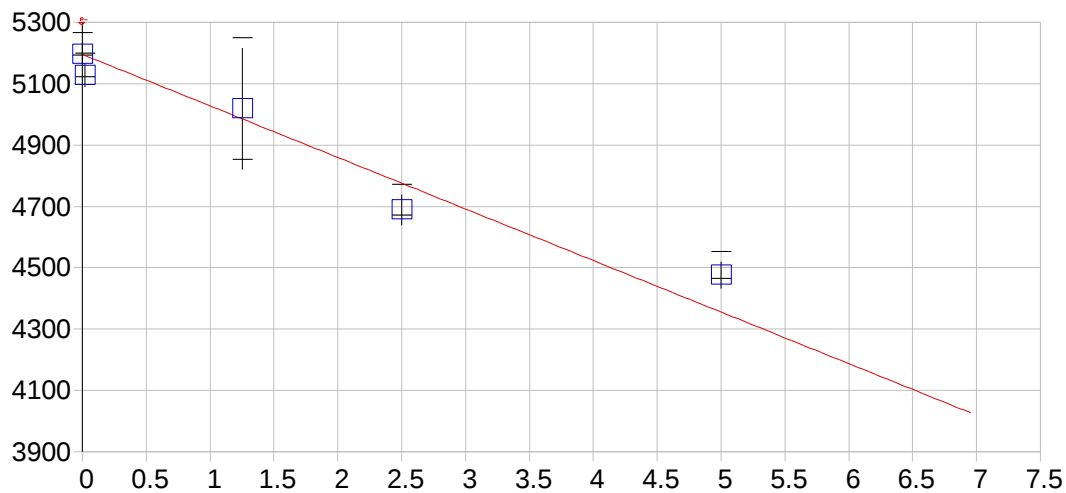
Status: OK.

Std Error of Est: 0.005707

Predicted MDL: 0.000106

Predicted MQL: 0.000354

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00334	.001	1
S1	.02000	.02107	.001	5.36	.20827	.003	1
S3	2.5000	2.6014	.101	4.06	26.011	.108	1
S4	5.0000	5.0940	.094	1.88	50.937	2.49	1
S5	10.000	9.8035	-.197	-1.97	98.037	1.12	1

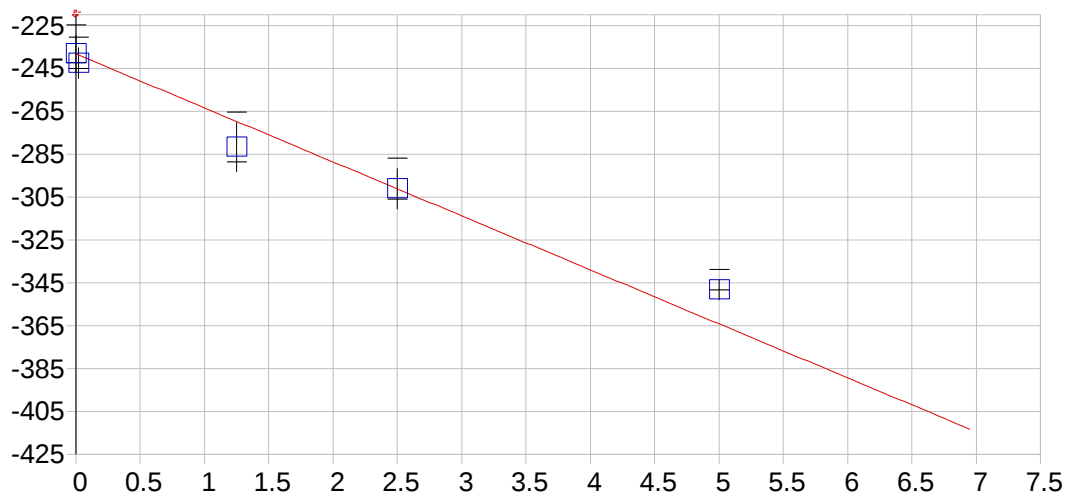


U 367.007 { 92 }

Date of Fit: 6/3/2019 17:28:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5195.692105 Re-Slope: 1.000000
 A1 (Gain): -168.053481 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.727661 Status: Warning Negative Gain
 Std Error of Est: 2.707138
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00039	-.000	.000	5195.8	36.6	1
S1	.02000	.40851	.389	1940.	5127.0	38.4	1
S3	1.2500	1.0587	-.191	-15.3	5017.8	199.	1
S4	2.5000	3.0169	.517	20.7	4688.7	49.4	1
S5	5.0000	4.2859	-.714	-14.3	4475.4	43.6	1



U 385.958 { 87}

Date of Fit: 6/3/2019 17:28:26

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -238.303998

Re-Slope: 1.000000

A1 (Gain): -25.166076

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.930267

Status: Warning Negative Gain

Std Error of Est: 0.169607

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00015	-.000	.000	-238.30	8.86	1
S1	.02000	.16848	.148	742.	-242.54	7.21	1
S3	1.2500	1.7271	.477	38.2	-281.77	11.7	1
S4	2.5000	2.5007	.001	.030	-301.24	9.49	1
S5	5.0000	4.3737	-.626	-12.5	-348.37	4.72	1

Sample Name: S0 Acquired: 6/3/2019 11:33:36 Type: Cal
Method: P4-ICP2(v3167) 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	.00040	-.00042	.00696	-.00015	.00044	.00106	-.00017	-.00013
Stddev	.00003	.00001	.00025	.00012	.00007	.00008	.00031	.00003
%RSD	7.2354	2.0377	3.5709	80.070	14.922	7.7096	178.02	24.933
#1	.00037	-.00041	.00722	-.00028	.00052	.00104	-.00053	-.00014
#2	.00043	-.00043	.00696	-.00009	.00040	.00115	-.00004	-.00016
#3	.00040	-.00041	.00672	-.00007	.00040	.00100	.00005	-.00010
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	.00049	.00057	-.00007	-.00031	.00788	.00149	.00041	-.00004
Stddev	.00028	.00030	.00004	.00017	.00006	.00005	.00006	.00002
%RSD	58.079	53.083	52.644	53.711	.81018	3.4499	13.565	55.889
#1	.00040	.00086	-.00007	-.00042	.00788	.00154	.00047	-.00006
#2	.00080	.00058	-.00004	-.00040	.00781	.00147	.00040	-.00005
#3	.00026	.00026	-.00011	-.00012	.00794	.00145	.00036	-.00001
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	-.00772	-.00055	.00100	-.00014	.00314	-.00755	.00027	.00003
Stddev	.00010	.00003	.00018	.00003	.00006	.00029	.00008	.00005
%RSD	1.2668	6.2273	18.037	23.521	1.8793	3.8944	28.154	143.39
#1	-.00764	-.00052	.00083	-.00011	.00307	-.00788	.00022	.00004
#2	-.00768	-.00058	.00098	-.00017	.00318	-.00744	.00036	.00007
#3	-.00783	-.00054	.00119	-.00014	.00317	-.00733	.00023	-.00002
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	.00087	.01264	.00104	.00207	.01558	-.0027	-.00334	5195.8
Stddev	.00002	.00033	.00022	.00008	.00167	.0000	.00064	36.6
%RSD	2.7498	2.6505	20.657	3.9492	10.695	1.507	19.085	.70396
#1	.00086	.01246	.00129	.00206	.01738	-.0027	-.00321	5159.6
#2	.00089	.01243	.00092	.00200	.01410	-.0026	-.00277	5195.0
#3	.00085	.01302	.00092	.00216	.01525	-.0027	-.00403	5232.7

Sample Name: S0 Acquired: 6/3/2019 11:33:36 Type: Cal
 Method: P4-ICP2(v3167) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-238.30
Stddev	8.86
%RSD	3.7174

#1	-228.17
#2	-242.11
#3	-244.62

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4346.8	52413.	4612.7	52.464	4780.6
Stddev	6.6	148.	9.3	1.260	12.4
%RSD	.15267	.28220	.20057	2.4018	.25969

#1	4340.5	52483.	4620.6	52.568	4766.4
#2	4346.1	52243.	4602.5	53.668	4785.7
#3	4353.8	52512.	4615.0	51.155	4789.6

Sample Name: S1 Acquired: 6/3/2019 11:38:02 Type: Cal
Method: P4-ICP2(v3167) 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	.00156	.00564	.00979	.00096	.00668	.00192	.03280	.00570
Stddev	.00010	.00003	.00021	.00013	.00017	.00003	.00026	.00008
%RSD	6.6020	.58214	2.1021	13.032	2.5278	1.3787	.80042	1.4857

#1	.00144	.00566	.00999	.00083	.00662	.00189	.03291	.00568
#2	.00162	.00566	.00980	.00099	.00687	.00194	.03250	.00580
#3	.00162	.00560	.00958	.00107	.00655	.00193	.03298	.00564

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	.02319	.00217	.02825	.02606	.01311	.02883	.01602	.00253
Stddev	.00024	.00009	.00028	.00005	.00007	.00028	.00046	.00013
%RSD	1.0516	4.1218	1.0015	.19859	.51457	.96471	2.8729	5.0252

#1	.02321	.00214	.02812	.02611	.01305	.02854	.01575	.00239
#2	.02294	.00210	.02858	.02604	.01318	.02909	.01655	.00264
#3	.02343	.00227	.02806	.02601	.01310	.02888	.01576	.00255

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	.00921	.06800	.14913	.00022	.00158	.21114	.00919	.01015
Stddev	.00009	.00041	.00089	.00001	.00018	.00240	.00004	.00068
%RSD	.95850	.59981	.60000	3.1623	11.550	1.1365	.48026	6.6695

#1	.00920	.06769	.14850	.00022	.00141	.20842	.00916	.01007
#2	.00930	.06846	.15015	.00022	.00177	.21202	.00916	.00952
#3	.00913	.06785	.14873	.00021	.00158	.21297	.00924	.01087

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04511	-.0015	.20827	5127.0	-242.54
Stddev	.00225	.0000	.00349	38.4	7.21
%RSD	4.9769	2.571	1.6750	.74881	2.9744

#1	.04567	-.0016	.20633	5085.1	-250.25
#2	.04264	-.0015	.20619	5135.6	-241.43
#3	.04702	-.0015	.21230	5160.4	-235.95

Sample Name: S1 Acquired: 6/3/2019 11:38:02 Type: Cal
Method: P4-ICP2(v3167) 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	4331.8	51977.	4592.1	51.423	4740.8
Stddev	4.1	59.	41.5	1.191	2.8
%RSD	.09371	.11429	.90377	2.3151	.05920
#1	4331.9	51928.	4627.4	52.589	4742.1
#2	4327.6	51959.	4602.5	51.470	4742.7
#3	4335.8	52043.	4546.4	50.209	4737.6

Sample Name: S2 Acquired: 6/3/2019 11:42:37 Type: Cal
 Method: P4-ICP2(v3167) 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	.09908	.00105	.05677	.00738
Stddev	.00085	.00002	.00017	.00023
%RSD	.85726	1.7536	.30617	3.1072

#1	.09837	.00103	.05687	.00728
#2	.09885	.00106	.05688	.00764
#3	.10003	.00106	.05657	.00722

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	51749.	4693.8
Stddev	81.	33.8
%RSD	.15706	.72042

#1	51724.	4731.8
#2	51683.	4667.1
#3	51839.	4682.4

Sample Name: S3 Acquired: 6/3/2019 11:46:50 Type: Cal
Method: P4-ICP2(v3167) 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	.16166	.38007	.71377	.16082	.31287	.03934	1.5843	.11655
Stddev	.00021	.00038	.00220	.00037	.00045	.00159	.0582	.00511
%RSD	.13261	.09972	.30868	.23167	.14452	4.0332	3.6755	4.3835
#1	.16187	.38050	.71122	.16112	.31247	.03780	1.5223	.11128
#2	.16144	.37990	.71511	.16040	.31336	.03925	1.5926	.11690
#3	.16166	.37980	.71496	.16095	.31276	.04097	1.6379	.12148
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	4.8190	.57864	.11092	1.2479	.56526	.27942	1.6114	.00642
Stddev	.0058	.00249	.00477	.0025	.00084	.01224	.0704	.00020
%RSD	.11978	.43075	4.2962	.19792	.14817	4.3818	4.3717	3.1155
#1	4.8162	.57801	.10614	1.2465	.56431	.26673	1.5402	.00624
#2	4.8257	.57652	.11096	1.2508	.56554	.28035	1.6130	.00638
#3	4.8153	.58138	.11567	1.2464	.56592	.29117	1.6810	.00663
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	.73662	.17275	.32108	.28736	2.1505	.07999	1.8328	.00508
Stddev	.00058	.00750	.01222	.01194	.0027	.00304	.0026	.00017
%RSD	.07921	4.3428	3.8052	4.1556	.12658	3.7980	.14158	3.3453
#1	.73618	.16500	.30834	.27516	2.1474	.07689	1.8344	.00494
#2	.73641	.17328	.32219	.28790	2.1522	.08010	1.8299	.00502
#3	.73728	.17997	.33270	.29902	2.1519	.08297	1.8343	.00527
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	.11464	1.2591	.53352	.50795	3.6917	.1615	26.011	5017.8
Stddev	.00021	.0105	.00097	.00171	.0181	.0003	.108	198.5
%RSD	.18603	.83586	.18153	.33603	.48902	.1772	.41473	3.9566
#1	.11475	1.2470	.53270	.50647	3.6836	.1612	25.936	5226.9
#2	.11479	1.2660	.53325	.50755	3.7124	.1616	26.134	4994.6
#3	.11440	1.2643	.53459	.50982	3.6791	.1617	25.962	4831.8

Sample Name: S3 Acquired: 6/3/2019 11:46:50 Type: Cal
Method: P4-ICP2(v3167) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg -281.77
Stddev 11.74
%RSD 4.1666

#1 -284.13
#2 -269.03
#3 -292.15

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4181.0	52151.	4674.6	51.006	4395.7
Stddev	4.2	1861.	14.2	.034	8.7
%RSD	.09954	3.5684	.30323	.06676	.19859

#1	4182.8	54106.	4676.9	51.010	4397.5
#2	4176.3	51947.	4659.4	51.039	4386.1
#3	4184.0	50401.	4687.5	50.971	4403.3

Sample Name: S4 Acquired: 6/3/2019 11:50:50 Type: Cal
Method: P4-ICP2(v3167) 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	.31255	.73738	1.3967	.31002	.60896	.07898	3.1940	.23657
Stddev	.00045	.00178	.0018	.00068	.00074	.00014	.0251	.00074
%RSD	.14354	.24174	.12905	.21838	.12143	.18223	.78614	.31185
#1	.31227	.73885	1.3963	.30986	.60818	.07882	3.2222	.23621
#2	.31307	.73788	1.3952	.31077	.60966	.07909	3.1740	.23608
#3	.31232	.73540	1.3987	.30944	.60903	.07904	3.1857	.23742
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	9.5068	1.1275	.22370	2.4590	1.0744	.55281	3.2504	.01305
Stddev	.0037	.0508	.00040	.0038	.0027	.00041	.0072	.00007
%RSD	.03912	4.5062	.17932	.15404	.25330	.07375	.22165	.51633
#1	9.5063	1.1855	.22395	2.4565	1.0715	.55234	3.2574	.01309
#2	9.5034	1.0910	.22324	2.4572	1.0769	.55296	3.2430	.01297
#3	9.5108	1.1059	.22391	2.4634	1.0748	.55311	3.2509	.01308
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4436	.34740	.64884	.58266	4.2270	.16587	3.5500	.01033
Stddev	.0018	.00106	.00523	.00110	.0021	.00124	.0035	.00002
%RSD	.12623	.30406	.80565	.18897	.04905	.74676	.09906	.18781
#1	1.4452	.34639	.65423	.58139	4.2246	.16727	3.5461	.01030
#2	1.4439	.34850	.64379	.58335	4.2285	.16490	3.5509	.01033
#3	1.4416	.34732	.64851	.58324	4.2278	.16545	3.5530	.01034
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	.22638	2.4664	1.0402	.99377	7.2250	.3266	50.937	4688.7
Stddev	.00094	.1026	.0015	.04270	.3388	.0005	2.487	49.4
%RSD	.41431	4.1587	.14319	4.2972	4.6896	.1380	4.8829	1.0539
#1	.22723	2.5834	1.0414	1.0427	7.6113	.3267	53.771	4735.5
#2	.22652	2.3919	1.0408	.96385	6.9781	.3270	49.118	4693.5
#3	.22537	2.4239	1.0386	.97477	7.0857	.3261	49.923	4637.0

Sample Name: S4 Acquired: 6/3/2019 11:50:50 Type: Cal
 Method: P4-ICP2(v3167) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-301.24
Stddev	9.49
%RSD	3.1512

#1	-298.91
#2	-311.68
#3	-293.12

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4069.5	48823.	4525.3	47.795	4183.4
Stddev	9.7	166.	195.8	2.642	3.6
%RSD	.23947	.33977	4.3269	5.5271	.08660

#1	4080.2	48674.	4303.4	45.069	4185.4
#2	4067.0	49002.	4673.9	50.343	4185.5
#3	4061.2	48792.	4598.6	47.972	4179.2

Sample Name: S5 Acquired: 6/3/2019 11:54:50 Type: Cal
Method: P4-ICP2(v3167) 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	.62572	1.4681	2.8279	.62164	1.2258	.15855	6.3996	.47442
Stddev	.00068	.0006	.0042	.00058	.0011	.00077	.0822	.00247
%RSD	.10922	.03997	.14842	.09311	.09175	.48331	1.2836	.52157
#1	.62564	1.4681	2.8281	.62231	1.2271	.15803	6.3884	.47614
#2	.62645	1.4674	2.8236	.62130	1.2253	.15819	6.3237	.47553
#3	.62509	1.4686	2.8320	.62131	1.2251	.15943	6.4868	.47158
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	19.235	2.1608	.44382	5.0358	2.1219	1.0881	6.3961	.02643
Stddev	.012	.0435	.00311	.0098	.0042	.0094	.0301	.00026
%RSD	.06164	2.0119	.70107	.19466	.19578	.86595	.47036	.98955
#1	19.246	2.1107	.44574	5.0255	2.1262	1.0953	6.3617	.02631
#2	19.223	2.1884	.44550	5.0367	2.1215	1.0915	6.4090	.02624
#3	19.236	2.1833	.44023	5.0451	2.1180	1.0774	6.4176	.02673
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	2.9137	.69565	1.3143	1.1651	8.6261	.34323	7.0533	.02099
Stddev	.0010	.00116	.0101	.0053	.0072	.00221	.0135	.00025
%RSD	.03262	.16607	.77160	.45752	.08352	.64478	.19127	1.2147
#1	2.9142	.69675	1.3071	1.1704	8.6196	.34267	7.0612	.02090
#2	2.9126	.69444	1.3100	1.1653	8.6250	.34135	7.0610	.02080
#3	2.9143	.69575	1.3259	1.1597	8.6338	.34567	7.0377	.02128
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	.47280	4.7520	2.1019	1.9103	14.048	.6862	98.037	4475.4
Stddev	.00107	.0689	.0012	.0356	.235	.0011	1.121	43.6
%RSD	.22703	1.4492	.05455	1.8641	1.6732	.1557	1.1438	.97352
#1	.47209	4.6854	2.1008	1.8694	13.780	.6862	98.044	4479.6
#2	.47227	4.8229	2.1019	1.9345	14.221	.6852	99.155	4516.8
#3	.47403	4.7476	2.1031	1.9270	14.141	.6873	96.912	4429.9

Sample Name: S5 Acquired: 6/3/2019 11:54:50 Type: Cal
 Method: P4-ICP2(v3167) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-348.37
Stddev	4.72
%RSD	1.3562

#1	-347.78
#2	-353.37
#3	-343.97

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3923.6	47213.	4575.8	49.236	3923.7
Stddev	2.0	239.	71.1	.389	4.3
%RSD	.05005	.50633	1.5537	.78948	.11033

#1	3921.6	47307.	4656.3	49.601	3925.1
#2	3923.7	47391.	4521.5	49.279	3927.1
#3	3925.5	46941.	4549.7	48.827	3918.8

Sample Name: ICV01 Acquired: 6/3/2019 12:03:57 Type: Unk
Method: P4-ICP2(v3167) 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	.99697	1.0377	1.0155	1.0227	.99727	2.5369	.49228
Stddev	.00226	.0022	.0010	.0065	.00141	.0229	.00217
%RSD	.22632	.20827	.10072	.63692	.14179	.90199	.44038

#1	.99546	1.0391	1.0164	1.0180	.99791	2.5555	.49264
#2	.99589	1.0352	1.0144	1.0201	.99565	2.5113	.48995
#3	.99957	1.0388	1.0158	1.0302	.99826	2.5439	.49424

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49308	.48609	F 10.722	.51037	.50212	.51500	5.1712
Stddev	.00100	.00025	.017	.00051	.00060	.00092	.0084
%RSD	.20302	.05055	.15686	.09997	.11987	.17804	.16268

#1	.49378	.48603	10.738	.51056	.50143	.51402	5.1714
#2	.49193	.48636	10.724	.50979	.50241	.51584	5.1627
#3	.49351	.48588	10.704	.51076	.50252	.51512	5.1795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51828	5.9731	.49584	.50362	10.072	.49785	.97940
Stddev	.00047	.0575	.00047	.00068	.039	.00056	.00124
%RSD	.09065	.96174	.09439	.13425	.38671	.11327	.12653

#1	.51881	5.9708	.49556	.50329	10.060	.49797	.97890
#2	.51790	5.9168	.49557	.50317	10.040	.49723	.98081
#3	.51815	6.0317	.49638	.50440	10.115	.49834	.97849

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6777	2.6052	2.5499	2.5339	2.4670	2.5345	F 2.6436
Stddev	.0645	.0037	.0188	.0103	.0207	.0038	.0040
%RSD	.66667	.14233	.73922	.40460	.83985	.14956	.15204

#1	9.7099	2.6053	2.5591	2.5273	2.4460	2.5340	2.6406
#2	9.6034	2.6014	2.5282	2.5287	2.4874	2.5310	2.6481
#3	9.7197	2.6089	2.5624	2.5457	2.4675	2.5385	2.6420

Sample Name: ICV01 Acquired: 6/3/2019 12:03:57 Type: Unk
Method: P4-ICP2(v3167) 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 -.00180	F -.0070	F .00562	F 2.9082	F 2.0407
Stddev	.00053	.0002	.00007	.1880	.0761
%RSD	29.370	3.373	1.1591	6.4638	3.7289
#1	-.00178	-.0067	.00558	2.7232	2.1217
#2	-.00128	-.0072	.00570	2.9023	1.9708
#3	-.00233	-.0070	.00559	3.0990	2.0294
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4082.8	49471.	4637.8	49.030	4395.9
Stddev	2.3	149.	3.8	1.893	5.5
%RSD	.05716	.30167	.08279	3.8600	.12585
#1	4084.8	49384.	4642.2	49.700	4395.7
#2	4083.3	49643.	4635.3	46.893	4390.5
#3	4080.2	49385.	4635.9	50.496	4401.6

Sample Name: LLICV01 Acquired: 6/3/2019 12:08:01 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01836	.04064	.01089	.02119	.05419	.11987	.10203	.00641
Stddev	.00166	.00099	.00045	.00219	.00040	.00366	.00037	.00001
%RSD	9.0525	2.4265	4.1717	10.321	.74062	3.0563	.35856	.14715
#1	.01755	.04160	.01055	.01997	.05465	.12331	.10163	.00642
#2	.01726	.03963	.01071	.01988	.05399	.12028	.10212	.00640
#3	.02027	.04069	.01141	.02371	.05393	.11602	.10235	.00641
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00581	2.0036	.01067	.02974	.02138	.10751	.02265	2.0286
Stddev	.00002	.0198	.00060	.00014	.00013	.00043	.00006	.0241
%RSD	.33699	.98971	5.5990	.47914	.61813	.40043	.26469	1.1869
#1	.00579	1.9841	.01011	.02962	.02137	.10729	.02258	2.0559
#2	.00583	2.0030	.01060	.02990	.02152	.10722	.02269	2.0104
#3	.00581	2.0238	.01130	.02972	.02125	.10800	.02268	2.0195
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03906	.01048	2.0654	.04150	.03837	1.8376	.20912	.09347
Stddev	.00017	.00066	.0151	.00016	.00009	.0150	.00060	.01032
%RSD	.43050	6.3186	.73099	.37631	.23227	.81895	.28548	11.045
#1	.03889	.01070	2.0489	.04133	.03833	1.8224	.20916	.09518
#2	.03908	.01101	2.0688	.04164	.03847	1.8524	.20969	.08240
#3	.03922	.00974	2.0786	.04155	.03830	1.8379	.20850	.10284
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01655	.39605	.03775	.04154	F .01540	.0180	.02044	F 2.1211
Stddev	.00148	.00282	.00072	.00098	.00090	.0010	.00010	.1761
%RSD	8.9504	.71091	1.9193	2.3542	5.8733	5.782	.48085	8.3026
#1	.01759	.39693	.03749	.04043	.01474	.0172	.02038	2.1081
#2	.01720	.39289	.03857	.04227	.01643	.0177	.02056	2.3034
#3	.01485	.39831	.03719	.04191	.01504	.0192	.02039	1.9519

Sample Name: LLICV01 Acquired: 6/3/2019 12:08:01 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .24448
Stddev .09454
%RSD 38.668

#1 .13547
#2 .29402
#3 .30395

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4125.6	50342.	4672.7	51.298	4562.9
Stddev	1.1	62.	19.8	.826	5.4
%RSD	.02548	.12254	.42321	1.6100	.11869

#1	4125.0	50271.	4651.0	50.368	4565.1
#2	4125.0	50373.	4677.5	51.582	4556.7
#3	4126.8	50382.	4689.7	51.945	4566.8

Sample Name: ICB01 Acquired: 6/3/2019 12:14:35 Type: Unk
Method: P4-ICP2(v3167) 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	-.00075	-.00067	.00260	.00028	.00134	.00779	-.00178	.00006
Stddev	.00178	.00096	.00030	.00177	.00050	.00824	.00076	.00006
%RSD	237.08	142.99	11.539	638.27	37.645	105.74	42.724	111.75
#1	-.00103	-.00026	.00277	-.00131	.00132	.01215	-.00255	.00012
#2	.00115	-.00178	.00226	-.00006	.00084	-.00171	-.00103	.00007
#3	-.00238	.00001	.00278	.00219	.00185	.01293	-.00176	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00409	-.00023	.00034	-.00032	-.00063	-.00001	-.00979
Stddev	.00004	.01062	.00016	.00017	.00003	.00007	.00004	.00583
%RSD	29.891	259.41	66.654	48.913	9.8672	10.576	406.46	59.549
#1	-.00012	.00386	-.00028	.00027	-.00029	-.00066	.00002	-.00377
#2	-.00016	.00001	-.00036	.00053	-.00032	-.00056	.00001	-.01541
#3	-.00009	-.01615	-.00006	.00022	-.00036	-.00068	-.00005	-.01019
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	-.00012	-.03027	.00028	-.00048	-.25403	-.00034	-.00238
Stddev	.00012	.00014	.00811	.00039	.00009	.02400	.00012	.01068
%RSD	20.168	115.80	26.795	141.38	18.995	9.4469	36.213	448.32
#1	-.00068	.00002	-.03344	.00036	-.00040	-.27979	-.00045	-.01443
#2	-.00045	-.00013	-.03632	.00062	-.00045	-.23230	-.00021	.00137
#3	-.00059	-.00026	-.02105	-.00015	-.00058	-.25000	-.00034	.00591
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00247	-.00210	-.00130	.00212	-.00749	-.0022	-.00031	F 1.8426
Stddev	.00266	.00185	.00016	.00158	.00122	.0003	.00009	.3572
%RSD	107.38	87.978	12.234	74.573	16.335	11.64	29.137	19.384
#1	.00516	-.00276	-.00140	.00272	-.00888	-.0020	-.00022	2.2356
#2	-.00015	-.00354	-.00112	.00033	-.00705	-.0025	-.00040	1.5377
#3	.00241	-.00001	-.00138	.00330	-.00656	-.0020	-.00031	1.7545

Sample Name: ICB01 Acquired: 6/3/2019 12:14:35 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .45879
Stddev	.22480
%RSD	48.997

#1	.37941
#2	.28446
#3	.71251

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4129.8	49881.	4592.3	47.803	4593.4
Stddev	12.6	123.	21.1	1.198	12.0
%RSD	.30553	.24610	.45949	2.5057	.26162

#1	4115.6	49750.	4572.1	48.927	4579.6
#2	4139.9	49993.	4590.5	46.543	4601.9
#3	4133.8	49900.	4614.2	47.939	4598.6

Sample Name: CRI01 Acquired: 6/3/2019 12:19:02 Type: Unk
Method: P4-ICP2(v3167) 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	.01704	.04091	.01480	.01880	.05373	.10594	.09999	.00635
Stddev	.00033	.00098	.00051	.00210	.00114	.01508	.00089	.00011
%RSD	1.9352	2.3949	3.4383	11.192	2.1302	14.230	.89430	1.7159
#1	.01668	.04182	.01537	.01668	.05267	.10045	.09962	.00648
#2	.01731	.03987	.01465	.01883	.05494	.12299	.10101	.00630
#3	.01715	.04102	.01438	.02089	.05357	.09438	.09935	.00628
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00575	2.0185	.01060	.02976	.02140	.10545	.02253	2.0526
Stddev	.00009	.0148	.00012	.00016	.00017	.00089	.00020	.0554
%RSD	1.6301	.73442	1.1138	.54494	.77496	.84445	.89275	2.6990
#1	.00586	2.0158	.01057	.02988	.02152	.10633	.02248	2.0415
#2	.00570	2.0345	.01050	.02983	.02146	.10547	.02275	2.1127
#3	.00570	2.0052	.01073	.02958	.02121	.10455	.02235	2.0036
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03865	.01034	2.0271	.04146	.03832	1.7349	.20841	.10180
Stddev	.00025	.00039	.0261	.00049	.00011	.0308	.00030	.01524
%RSD	.63542	3.7385	1.2872	1.1860	.29314	1.7750	.14301	14.967
#1	.03839	.01058	2.0194	.04201	.03820	1.7368	.20854	.11707
#2	.03869	.01055	2.0562	.04106	.03842	1.7031	.20807	.10173
#3	.03887	.00989	2.0058	.04130	.03832	1.7646	.20863	.08660
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01973	.38855	.03670	.04231	.01554	.0176	.01996	F 2.0904
Stddev	.00266	.00481	.00045	.00141	.00050	.0003	.00004	.0861
%RSD	13.461	1.2379	1.2220	3.3443	3.2084	1.938	.19433	4.1176
#1	.01867	.38486	.03719	.04358	.01511	.0177	.01999	2.0593
#2	.02275	.38678	.03659	.04256	.01543	.0172	.01991	2.0241
#3	.01776	.39399	.03631	.04078	.01609	.0178	.01997	2.1877

Sample Name: CRI01 Acquired: 6/3/2019 12:19:02 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .38413
Stddev	.06746
%RSD	17.563

#1	.46079
#2	.33381
#3	.35779

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4121.1	49991.	4601.2	49.310	4557.2
Stddev	3.9	96.	35.0	1.487	5.3
%RSD	.09418	.19176	.75977	3.0155	.11661

#1	4124.5	49955.	4599.3	49.598	4551.4
#2	4122.0	49919.	4637.0	50.632	4558.4
#3	4116.9	50100.	4567.2	47.700	4561.9

Sample Name: ICSA01 Acquired: 6/3/2019 12:23:28 Type: Unk
 Method: P4-ICP2(v3167) 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	.00376	-.00090	.00009	-.00912	.00773	275.59	.00560	.00128
Stddev	.00318	.00169	.00208	.00176	.00265	1.62	.00051	.00002
%RSD	84.542	188.00	2337.5	19.261	34.314	.58927	9.0458	1.4559
#1	.00732	-.00245	-.00231	-.00942	.00976	273.91	.00506	.00128
#2	.00277	-.00115	.00131	-.00723	.00871	275.73	.00606	.00130
#3	.00120	.00091	.00127	-.01070	.00473	277.15	.00567	.00127
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00293	255.72	.04906	-.00005	.01770	98.155	.01408	280.10
Stddev	.00008	1.18	.00032	.00015	.00070	.596	.00016	2.19
%RSD	2.5699	.45977	.65978	306.17	3.9515	.60730	1.1634	.78194
#1	-.00298	254.83	.04868	-.00004	.01824	98.047	.01396	277.65
#2	-.00297	255.28	.04925	.00009	.01691	98.798	.01401	280.81
#3	-.00285	257.05	.04923	-.00021	.01794	97.621	.01426	281.85
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01153	-.00183	.00961	.00102	-.01456	-.33772	-.00096	-.02647
Stddev	.00028	.00022	.00881	.00043	.00007	.01105	.00016	.01574
%RSD	2.4162	12.118	91.679	42.265	.47341	3.2721	17.114	59.456
#1	-.01144	-.00206	-.00034	.00066	-.01461	-.33141	-.00087	-.01924
#2	-.01131	-.00182	.01274	.00091	-.01458	-.33127	-.00086	-.01565
#3	-.01184	-.00161	.01644	.00150	-.01448	-.35048	-.00115	-.04453
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00416	-.00878	.00469	-.00234	.00842	-.0045	-.00680	6.2780
Stddev	.00340	.00235	.00136	.00159	.00384	.0002	.00058	.3809
%RSD	81.856	26.739	29.096	67.771	45.572	4.777	8.5887	6.0674
#1	.00638	-.00825	.00358	-.00052	.00482	-.0043	-.00648	6.4689
#2	.00584	-.01135	.00621	-.00309	.01246	-.0048	-.00747	6.5256
#3	.00024	-.00675	.00427	-.00341	.00800	-.0045	-.00644	5.8393

Sample Name: ICSA01 Acquired: 6/3/2019 12:23:28 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	20.626
Stddev	.538
%RSD	2.6081

#1	21.039
#2	20.821
#3	20.018

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3675.6	43967.	4474.1	45.354	3665.5
Stddev	4.5	140.	7.8	.744	5.5
%RSD	.12268	.31807	.17323	1.6405	.15105

#1	3670.5	44109.	4465.7	45.176	3659.4
#2	3677.0	43829.	4481.0	46.171	3666.8
#3	3679.2	43962.	4475.4	44.715	3670.2

Sample Name: ICSAB01 Acquired: 6/3/2019 12:28:06 Type: Unk
Method: P4-ICP2(v3167) 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	.10627	.10756	.05273	.04567	.64895	272.29	.56012
Stddev	.00263	.00100	.00092	.00258	.00528	1.16	.00392
%RSD	2.4716	.92573	1.7529	5.6571	.81399	.42766	.69900

#1	.10783	.10827	.05166	.04808	.64575	271.11	.55572
#2	.10774	.10799	.05322	.04294	.64605	273.43	.56320
#3	.10323	.10642	.05330	.04599	.65505	272.33	.56144

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56614	1.0113	251.85	.58459	.51763	.53357	97.097
Stddev	.00172	.0028	1.11	.00030	.00056	.00162	.859
%RSD	.30465	.27479	.44232	.05068	.10737	.30318	.88487

#1	.56715	1.0100	251.65	.58488	.51731	.53242	96.316
#2	.56711	1.0144	250.86	.58460	.51731	.53287	98.018
#3	.56415	1.0093	253.06	.58429	.51827	.53542	96.958

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55268	274.41	.99523	.22018	-.00045	.53523	1.0912
Stddev	.00432	1.57	.00260	.00069	.00682	.00070	.0033
%RSD	.78190	.57275	.26133	.31522	1503.0	.13047	.30295

#1	.55623	272.72	.99245	.21955	-.00588	.53445	1.0899
#2	.55394	275.82	.99760	.22092	-.00269	.53547	1.0949
#3	.54787	274.68	.99564	.22006	.00721	.53578	1.0887

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.31790	1.0735	1.1148	1.1064	.95565	1.0748	1.0841
Stddev	.03430	.0016	.0214	.0051	.00961	.0010	.0020
%RSD	10.791	.14924	1.9173	.45971	1.0059	.09581	.18354

#1	-.34580	1.0719	1.0912	1.1110	.95920	1.0756	1.0818
#2	-.27960	1.0735	1.1328	1.1072	.94476	1.0752	1.0856
#3	-.32830	1.0751	1.1205	1.1010	.96298	1.0736	1.0850

Sample Name: ICSAB01 Acquired: 6/3/2019 12:28:06 Type: Unk
Method: P4-ICP2(v3167) 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 .00625	F -.0085	F -.00707	5.8136	19.540
Stddev	.00157	.0027	.00053	.3609	.334
%RSD	25.104	32.02	7.4305	6.2080	1.7090
#1	.00659	-.0113	-.00672	5.6853	19.426
#2	.00454	-.0058	-.00768	5.5344	19.278
#3	.00762	-.0084	-.00683	6.2211	19.916
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3670.5	43641.	4431.6	44.275	3659.7
Stddev	8.9	151.	26.2	.418	9.7
%RSD	.24349	.34670	.59200	.94478	.26370
#1	3680.5	43615.	4411.3	44.721	3668.0
#2	3663.2	43504.	4461.2	44.211	3649.1
#3	3667.9	43804.	4422.2	43.892	3661.9

Sample Name: CCV01 Acquired: 6/3/2019 12:32:31 Type: Unk
Method: P4-ICP2(v3167) 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	4.8327	4.8892	4.9323	4.9839	4.9842	9.8371	9.8447	.25039
Stddev	.0037	.0137	.0115	.0144	.0173	.0502	.0076	.00018
%RSD	.07621	.28014	.23283	.28989	.34765	.50991	.07762	.07223
#1	4.8285	4.8786	4.9247	4.9853	4.9963	9.8934	9.8493	.25020
#2	4.8354	4.8844	4.9266	4.9688	4.9643	9.7972	9.8358	.25041
#3	4.8342	4.9047	4.9455	4.9975	4.9918	9.8207	9.8489	.25056
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4039	24.924	1.0158	2.4705	1.2482	5.0577	2.5482	24.761
Stddev	.0043	.109	.0045	.0065	.0019	.0086	.0125	.040
%RSD	.17992	.43693	.44054	.26106	.15399	.17098	.49196	.16234
#1	2.4013	24.818	1.0203	2.4650	1.2493	5.0615	2.5565	24.715
#2	2.4016	24.920	1.0113	2.4689	1.2460	5.0478	2.5338	24.790
#3	2.4089	25.035	1.0159	2.4776	1.2493	5.0638	2.5543	24.778
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4159	1.2506	24.933	2.5187	2.4645	F 23.578	4.9460	4.9339
Stddev	.0044	.0028	.012	.0062	.0053	.050	.0091	.0406
%RSD	.18098	.22215	.04688	.24580	.21347	.21003	.18393	.82259
#1	2.4116	1.2538	24.933	2.5235	2.4589	23.586	4.9559	4.9617
#2	2.4157	1.2490	24.945	2.5117	2.4651	23.623	4.9380	4.8873
#3	2.4203	1.2490	24.921	2.5209	2.4694	23.525	4.9441	4.9527
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9568	4.8865	4.8272	4.9520	4.9031	5.200	4.8957	F 4.1353
Stddev	.0155	.0372	.0168	.0196	.0311	.026	.0290	.2286
%RSD	.31293	.76045	.34752	.39522	.63427	.5024	.59153	5.5282
#1	4.9439	4.8476	4.8079	4.9367	4.8686	5.173	4.8625	4.3596
#2	4.9526	4.8902	4.8350	4.9453	4.9117	5.201	4.9085	4.1435
#3	4.9741	4.9217	4.8386	4.9740	4.9289	5.225	4.9161	3.9026

Sample Name: CCV01 Acquired: 6/3/2019 12:32:31 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6529
Stddev .0882
%RSD 3.3236

#1 2.6202
#2 2.7528
#3 2.5858

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3936.9	47187.	4483.4	46.506	4060.7
Stddev	5.3	205.	16.7	.753	5.8
%RSD	.13340	.43408	.37315	1.6200	.14275

#1	3932.0	46979.	4499.6	46.411	4066.3
#2	3942.5	47389.	4484.3	45.805	4061.1
#3	3936.1	47192.	4466.2	47.302	4054.8

Sample Name: LLCCV01 Acquired: 6/3/2019 12:36:30 Type: Unk
Method: P4-ICP2(v3167) 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	.01723	.04092	.01434	.01890	.05498	.10973	.10356	.00650
Stddev	.00160	.00051	.00064	.00146	.00122	.01298	.00074	.00005
%RSD	9.3141	1.2533	4.4919	7.7227	2.2122	11.827	.71772	.79037
#1	.01726	.04043	.01501	.01962	.05578	.09787	.10276	.00653
#2	.01881	.04088	.01373	.01722	.05358	.12359	.10422	.00644
#3	.01560	.04145	.01427	.01985	.05558	.10772	.10370	.00653
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00574	2.0247	.01043	.02993	.02205	.10714	.02281	2.0056
Stddev	.00001	.0201	.00023	.00020	.00021	.00061	.00013	.0592
%RSD	.20894	.99134	2.2394	.67083	.95648	.56616	.56052	2.9532
#1	.00575	2.0017	.01053	.03009	.02228	.10762	.02295	1.9375
#2	.00575	2.0385	.01016	.02970	.02201	.10646	.02271	2.0451
#3	.00573	2.0340	.01060	.02999	.02187	.10734	.02275	2.0341
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03894	.01114	2.0607	.04211	.03838	1.7480	.21016	.11162
Stddev	.00008	.00039	.0132	.00086	.00006	.0140	.00077	.02978
%RSD	.20156	3.4657	.64026	2.0361	.14571	.79830	.36503	26.682
#1	.03889	.01072	2.0456	.04216	.03834	1.7529	.21089	.09537
#2	.03890	.01124	2.0702	.04123	.03835	1.7323	.20936	.14599
#3	.03903	.01147	2.0662	.04294	.03844	1.7589	.21022	.09349
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02105	.39264	.03759	.04233	F .01561	.0179	.01980	F 2.4112
Stddev	.00155	.00560	.00059	.00183	.00109	.0010	.00007	.2925
%RSD	7.3469	1.4268	1.5724	4.3205	6.9765	5.675	.36768	12.131
#1	.02128	.39896	.03825	.04440	.01685	.0187	.01972	2.3102
#2	.01940	.38830	.03740	.04168	.01521	.0168	.01985	2.7408
#3	.02247	.39064	.03711	.04092	.01479	.0181	.01984	2.1825

Sample Name: LLCCV01 Acquired: 6/3/2019 12:36:30 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .55375
Stddev	.32757
%RSD	59.155

#1	.20897
#2	.86085
#3	.59143

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4058.3	49337.	4605.1	49.530	4494.1
Stddev	10.5	144.	13.5	1.313	9.8
%RSD	.25773	.29106	.29272	2.6505	.21899

#1	4046.3	49489.	4590.6	48.691	4488.2
#2	4063.4	49204.	4607.3	51.043	4488.6
#3	4065.3	49318.	4617.3	48.857	4505.5

Sample Name: CCB01 Acquired: 6/3/2019 12:40:56 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00192	-.00081	.00130	-.00045	.00232	.00240	.00121
Stddev	.00077	.00064	.00095	.00184	.00034	.01019	.00020
%RSD	39.825	78.813	72.628	407.94	14.667	425.18	16.447

#1	-.00278	-.00153	.00240	-.00181	.00221	-.00905	.00114
#2	-.00169	-.00059	.00078	.00165	.00205	.01049	.00143
#3	-.00130	-.00031	.00074	-.00120	.00270	.00576	.00105

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00012	.00100	-.00010	.00041	.00020	-.00185
Stddev	.00004	.00007	.01711	.00036	.00013	.00043	.00048
%RSD	1851.2	53.163	1713.9	366.78	31.673	212.87	26.066

#1	-.00003	-.00008	.00328	-.00010	.00032	-.00016	-.00217
#2	.00004	-.00020	.01685	-.00046	.00056	.00009	-.00129
#3	-.00000	-.00009	-.01714	.00026	.00035	.00067	-.00208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.05740	-.00083	.00059	-.03669	.00036	-.00067
Stddev	.00003	.03904	.00013	.00013	.00595	.00021	.00003
%RSD	39.800	68.027	15.948	22.359	16.204	58.316	4.7744

#1	-.00011	-.04633	-.00084	.00062	-.03284	.00058	-.00069
#2	-.00010	-.02508	-.00096	.00045	-.03370	.00034	-.00064
#3	-.00005	-.10078	-.00070	.00071	-.04354	.00016	-.00070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.19743	-.00023	-.00851	.00023	.00085	-.00172	.00272
Stddev	.02955	.00043	.00653	.00160	.00307	.00056	.00132
%RSD	14.968	184.74	76.660	699.35	360.12	32.727	48.732

#1	-.17306	.00018	-.00146	.00166	-.00268	-.00232	.00424
#2	-.18893	-.00068	-.01434	-.00149	.00241	-.00162	.00182
#3	-.23030	-.00020	-.00974	.00051	.00283	-.00121	.00209

Sample Name: CCB01 Acquired: 6/3/2019 12:40:56 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01136	-.0032	-.00054	F 2.8164	F .37409
Stddev	.00043	.0012	.00007	.1869	.13002
%RSD	3.7536	36.02	12.544	6.6376	34.755

#1	-.01099	-.0020	-.00052	3.0236	.52418
#2	-.01128	-.0043	-.00049	2.7652	.30219
#3	-.01183	-.0034	-.00062	2.6604	.29591

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4074.2	49418.	4600.3	48.263	4519.5
Stddev	2.7	239.	13.4	.433	5.1
%RSD	.06633	.48422	.29179	.89792	.11200

#1	4077.2	49148.	4615.4	48.384	4517.2
#2	4073.5	49604.	4595.9	47.782	4515.9
#3	4071.9	49501.	4589.6	48.623	4525.3

Sample Name: K3142-01 Acquired: 6/3/2019 12:45:29 Type: Unk
Method: P4-ICP2(v3167) 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	.00741	.00366	.10204	.02521	.01436	13.624	3.4036	.00979
Stddev	.00178	.00045	.00180	.00101	.00128	.063	.0231	.00006
%RSD	24.077	12.235	1.7647	4.0250	8.8851	.46359	.67763	.61492
#1	.00925	.00357	.10273	.02533	.01289	13.562	3.3862	.00984
#2	.00569	.00326	.10000	.02414	.01523	13.688	3.4298	.00982
#3	.00728	.00415	.10339	.02616	.01495	13.621	3.3948	.00973
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00238	133.96	.18196	.01924	2.2234	162.29	1.4030	9.4614
Stddev	.00025	.90	.00234	.00021	.0030	1.22	.0047	.1429
%RSD	10.599	.66829	1.2869	1.0895	.13544	.75284	.33611	1.5100
#1	.00227	133.49	.18214	.01907	2.2268	161.56	1.3984	9.3018
#2	.00220	134.99	.18421	.01918	2.2211	163.70	1.4078	9.5772
#3	.00266	133.40	.17953	.01948	2.2222	161.60	1.4028	9.5052
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08337	.03582	3.0250	.03516	8.5837	3.3339	.03075	-.02613
Stddev	.00041	.00025	.0315	.00058	.0031	.0272	.00025	.01395
%RSD	.48868	.69156	1.0402	1.6405	.03586	.81626	.80999	53.383
#1	.08309	.03563	3.0135	.03463	8.5835	3.3649	.03084	-.01172
#2	.08384	.03610	3.0606	.03578	8.5869	3.3136	.03094	-.03956
#3	.08319	.03574	3.0010	.03507	8.5807	3.3234	.03047	-.02712
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 56.306	1.9539	.13767	.17429	.00384	F 98.90	.48789	<.00000
Stddev	.064	.0347	.00055	.00241	.00136	.10	.00409	.24934
%RSD	.11290	1.7748	.39740	1.3830	35.451	.1027	.83815	71.878
#1	56.261	1.9478	.13824	.17461	.00379	98.83	.48914	-.57645
#2	56.378	1.9912	.13715	.17652	.00251	99.02	.49121	-.38259
#3	56.278	1.9226	.13762	.17174	.00523	98.86	.48332	-.08162

Sample Name: K3142-01 Acquired: 6/3/2019 12:45:29 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	34.302
Stddev	.758
%RSD	2.2089

#1	34.396
#2	35.009
#3	33.502

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4318.8	53112.	5255.3	47.636	4070.1
Stddev	7.8	136.	24.6	1.477	7.3
%RSD	.18070	.25696	.46718	3.1007	.17846

#1	4321.1	53158.	5236.1	49.008	4076.8
#2	4325.2	52959.	5246.9	47.826	4071.0
#3	4310.1	53220.	5282.9	46.073	4062.4

Sample Name: K3065-17 Acquired: 6/3/2019 12:49:51 Type: Unk
Method: P4-ICP2(v3167) 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	-.00304	-.00075	-.00097	.00051	.00400	.06185	.12262	.00035
Stddev	.00220	.00019	.00064	.00165	.00111	.00538	.00075	.00008
%RSD	72.294	25.160	65.982	322.88	27.834	8.6950	.60808	21.693

#1	-.00131	-.00059	-.00030	.00207	.00496	.06338	.12183	.00030
#2	-.00229	-.00096	-.00103	-.00122	.00278	.06629	.12331	.00044
#3	-.00552	-.00071	-.00157	.00069	.00426	.05587	.12273	.00032

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	2.9494	.00169	.00963	.00482	5.7108	.29450	.53217
Stddev	.00009	.0232	.00018	.00005	.00034	.0103	.00096	.02698
%RSD	22.841	.78772	10.598	.51525	7.0875	.18091	.32756	5.0701

#1	-.00049	2.9233	.00178	.00968	.00489	5.7023	.29356	.50165
#2	-.00031	2.9678	.00148	.00961	.00445	5.7223	.29446	.54199
#3	-.00038	2.9570	.00181	.00959	.00512	5.7079	.29548	.55287

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06906	.00030	150.97	-.00007	.05853	.32604	-.00042	.02413
Stddev	.00036	.00032	.45	.00022	.00021	.07723	.00022	.01518
%RSD	.52368	107.26	.29787	333.31	.35055	23.686	51.652	62.924

#1	.06939	.00043	150.74	-.00006	.05876	.41519	-.00020	.02782
#2	.06913	.00054	151.48	-.00030	.05848	.27946	-.00042	.03713
#3	.06867	-.00007	150.67	.00015	.05836	.28349	-.00063	.00744

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24056	1.2955	-.00173	.00015	-.00619	.0006	.01124	4.0566
Stddev	.00300	.0088	.00075	.00149	.00104	.0016	.00005	.0696
%RSD	1.2451	.68214	43.287	962.18	16.757	260.5	.41822	1.7146

#1	.24184	1.2861	-.00123	.00146	-.00595	.0006	.01124	4.1152
#2	.24271	1.3036	-.00259	-.00147	-.00529	.0022	.01119	4.0749
#3	.23714	1.2970	-.00136	.00047	-.00732	-.0010	.01129	3.9797

Sample Name: K3065-17 Acquired: 6/3/2019 12:49:51 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4674
Stddev	.3385
%RSD	23.069

#1	1.3790
#2	1.8413
#3	1.1818

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3936.7	46646.	4506.8	47.012	4100.3
Stddev	14.9	12.	14.1	1.579	1.7
%RSD	.37953	.02525	.31366	3.3576	.04200

#1	3931.2	46632.	4521.2	47.456	4098.4
#2	3953.6	46654.	4493.0	45.259	4101.8
#3	3925.3	46651.	4506.1	48.321	4100.6

Sample Name: PB120264BL Acquired: 6/3/2019 12:54:18 Type: Unk
Method: P4-ICP2(v3167) 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	-.00458	-.00038	-.00494	-.00096	.00233	.02212	.00346	-.00004
Stddev	.00177	.00000	.00065	.00080	.00083	.01216	.00046	.00007
%RSD	38.594	.93821	13.081	82.713	35.534	54.991	13.182	190.95
#1	-.00585	-.00038	-.00426	-.00125	.00291	.01218	.00385	-.00000
#2	-.00533	-.00039	-.00500	-.00157	.00271	.03568	.00357	-.00012
#3	-.00256	-.00038	-.00555	-.00006	.00138	.01850	.00296	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.01500	.00005	.00042	.00272	.00056	.00010	-.02537
Stddev	.00006	.00666	.00018	.00009	.00015	.00072	.00005	.07563
%RSD	35.188	44.389	381.98	22.630	5.5987	129.40	47.724	298.16
#1	-.00023	-.01996	-.00015	.00040	.00288	.00086	.00013	.04384
#2	-.00016	-.00743	.00008	.00033	.00270	.00107	.00014	-.10610
#3	-.00011	-.01760	.00020	.00052	.00257	-.00027	.00005	-.01384
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	.00059	-.01268	.00051	-.00023	-.24443	-.00054	.01087
Stddev	.00004	.00020	.00752	.00031	.00004	.04471	.00017	.00290
%RSD	6.5900	33.440	59.270	60.525	18.961	18.292	31.120	26.700
#1	-.00058	.00056	-.01720	.00087	-.00018	-.24326	-.00073	.01089
#2	-.00060	.00042	-.01685	.00032	-.00026	-.20032	-.00050	.00796
#3	-.00052	.00081	-.00401	.00035	-.00025	-.28972	-.00040	.01377
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00131	.00664	-.00215	.00036	-.00587	-.0031	-.00068	F 2.2321
Stddev	.00150	.00221	.00053	.00136	.00217	.0016	.00007	.1762
%RSD	114.71	33.293	24.552	378.47	36.971	51.50	10.623	7.8959
#1	.00270	.00892	-.00271	.00168	-.00601	-.0035	-.00068	2.0413
#2	-.00028	.00651	-.00167	.00045	-.00364	-.0013	-.00075	2.2662
#3	.00149	.00450	-.00207	-.00104	-.00797	-.0044	-.00061	2.3887

Sample Name: PB120264BL Acquired: 6/3/2019 12:54:18 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .54545
Stddev	.24957
%RSD	45.755

#1	.82996
#2	.44291
#3	.36349

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4079.3	49198.	4527.3	47.628	4520.0
Stddev	6.9	91.	26.9	1.281	3.9
%RSD	.16948	.18449	.59390	2.6901	.08536

#1	4076.5	49113.	4496.4	46.655	4522.0
#2	4087.2	49189.	4540.8	49.080	4522.4
#3	4074.2	49294.	4544.9	47.150	4515.5

Sample Name: PB120278BS Acquired: 6/3/2019 12:58:47 Type: Unk
Method: P4-ICP2(v3167) 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	.74331	1.9835	.99839	1.9954	.80185	2.0504	.21139
Stddev	.00630	.0053	.00337	.0009	.00296	.0316	.00192
%RSD	.84771	.26846	.33716	.04654	.36903	1.5411	.90861

#1	.74975	1.9892	.99927	1.9950	.79848	2.0150	.20939
#2	.74302	1.9787	.99468	1.9965	.80305	2.0758	.21323
#3	.73716	1.9827	1.0012	1.9948	.80402	2.0604	.21153

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19662	.19002	F 1.5871	.43007	.20515	.32776	3.2130
Stddev	.00083	.00022	.0221	.00077	.00044	.00122	.0061
%RSD	.42048	.11366	1.3924	.17920	.21258	.37176	.19056

#1	.19735	.18999	1.5648	.42921	.20490	.32899	3.2083
#2	.19679	.18983	1.5873	.43031	.20490	.32655	3.2199
#3	.19572	.19026	1.6090	.43069	.20566	.32775	3.2108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21891	1.9219	.49303	.07471	3.1560	.31918	.19512
Stddev	.00070	.0582	.00078	.00047	.0403	.00124	.00046
%RSD	.31764	3.0276	.15799	.62672	1.2753	.38909	.23322

#1	.21960	1.8566	.49349	.07458	3.1150	.32061	.19530
#2	.21821	1.9406	.49213	.07431	3.1954	.31849	.19460
#3	.21894	1.9683	.49347	.07522	3.1575	.31843	.19546

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5473	.41678	.29002	F -.00215	.90342	.66988	.20793
Stddev	.1102	.00206	.01553	.00120	.01939	.00179	.00316
%RSD	1.1546	.49518	5.3553	56.109	2.1459	.26765	1.5190

#1	9.4313	.41653	.29977	-.00225	.92031	.67027	.20457
#2	9.6507	.41484	.29818	-.00090	.88225	.66793	.21084
#3	9.5599	.41895	.27211	-.00330	.90768	.67145	.20839

Sample Name: PB120278BS Acquired: 6/3/2019 12:58:47 Type: Unk
 Method: P4-ICP2(v3167) 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	.20752	6.026	.19791	F 2.7171	F<.00000
Stddev	.00317	.007	.00056	.3162	.23540
%RSD	1.5273	.1100	.28471	11.637	14.367
#1	.20620	6.033	.19727	2.4619	-1.3808
#2	.20523	6.019	.19830	3.0709	-1.8422
#3	.21114	6.027	.19818	2.6187	-1.6923
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4015.1	49083.	4580.4	47.555	4397.9
Stddev	7.5	13.	47.5	.396	12.1
%RSD	.18650	.02725	1.0367	.83192	.27509
#1	4011.7	49077.	4536.9	47.102	4395.0
#2	4009.8	49099.	4631.1	47.725	4387.5
#3	4023.7	49074.	4573.4	47.836	4411.1

Sample Name: PB120218BL Acquired: 6/3/2019 13:02:52 Type: Unk
Method: P4-ICP2(v3167) 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	-.00352	.00026	-.00374	-.00136	.00390	.01663	.00321	.00004
Stddev	.00197	.00071	.00105	.00107	.00043	.00709	.00035	.00007
%RSD	56.068	272.83	28.023	78.768	11.075	42.653	10.945	206.13
#1	-.00578	-.00051	-.00439	-.00222	.00371	.01984	.00337	.00007
#2	-.00217	.00040	-.00430	-.00169	.00440	.00850	.00345	.00009
#3	-.00259	.00089	-.00253	-.00016	.00360	.02154	.00281	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	-.01083	-.00037	.00055	.00269	-.00177	-.00008	-.01739
Stddev	.00002	.00813	.00034	.00015	.00027	.00086	.00003	.02489
%RSD	10.124	75.045	90.586	26.604	9.9804	48.643	32.282	143.10
#1	-.00019	-.00267	-.00045	.00038	.00270	-.00161	-.00005	-.00391
#2	-.00023	-.01091	-.00000	.00065	.00242	-.00269	-.00010	-.04612
#3	-.00020	-.01893	-.00067	.00061	.00296	-.00100	-.00009	-.00216
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	.00020	-.04303	.00035	-.00060	-.21249	-.00042	-.00509
Stddev	.00003	.00025	.00955	.00038	.00005	.00885	.00008	.00314
%RSD	6.0040	127.89	22.181	106.80	7.7573	4.1643	18.149	61.825
#1	-.00051	.00001	-.04571	.00066	-.00054	-.21867	-.00047	-.00180
#2	-.00045	.00048	-.05096	.00047	-.00062	-.21644	-.00045	-.00539
#3	-.00050	.00010	-.03244	-.00007	-.00063	-.20235	-.00033	-.00807
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00360	-.00113	-.00234	.00216	-.00866	-.0045	-.00064	F 1.4811
Stddev	.00225	.00237	.00070	.00141	.00103	.0003	.00013	.1359
%RSD	62.349	208.97	29.795	65.443	11.861	5.993	20.755	9.1753
#1	-.00125	.00160	-.00157	.00110	-.00946	-.0042	-.00058	1.4200
#2	-.00572	-.00244	-.00294	.00161	-.00750	-.0048	-.00054	1.3864
#3	-.00385	-.00256	-.00250	.00376	-.00902	-.0045	-.00079	1.6368

Sample Name: PB120218BL Acquired: 6/3/2019 13:02:52 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .43821
Stddev	.21750
%RSD	49.634

#1	.21467
#2	.64912
#3	.45085

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4075.1	49014.	4684.0	49.733	4517.4
Stddev	14.0	64.	213.3	1.194	5.2
%RSD	.34394	.13156	4.5542	2.4001	.11481

#1	4079.8	49089.	4546.8	48.839	4520.2
#2	4059.4	48978.	4929.7	51.089	4511.4
#3	4086.2	48976.	4575.3	49.273	4520.5

Sample Name: PB120280BL Acquired: 6/3/2019 13:42:10 Type: Unk
Method: P4-ICP2(v3167) 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	-.00374	.00171	-.00415	-.00021	.00549	.01763	.00587
Stddev	.00158	.00052	.00085	.00150	.00116	.00893	.00034
%RSD	42.084	30.316	20.366	702.87	21.148	50.644	5.8330

#1	-.00556	.00162	-.00361	-.00171	.00673	.00760	.00548
#2	-.00272	.00226	-.00372	-.00021	.00443	.02060	.00606
#3	-.00295	.00124	-.00512	.00128	.00532	.02470	.00608

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00024	.00494	.00011	.00053	.00201	-.00150
Stddev	.00006	.00004	.00800	.00015	.00028	.00057	.00072
%RSD	486.32	17.457	162.04	131.16	53.756	28.348	48.012

#1	-.00006	-.00019	.01272	-.00005	.00026	.00229	-.00144
#2	.00006	-.00026	-.00327	.00023	.00083	.00238	-.00081
#3	-.00003	-.00027	.00537	.00016	.00050	.00135	-.00225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00217	-.00007	.00030	-.05246	.00114	-.00005
Stddev	.00004	.03464	.00025	.00032	.00695	.00035	.00005
%RSD	38.577	1596.3	349.44	110.01	13.253	30.987	105.82

#1	-.00010	-.03425	.00012	.00063	-.05770	.00081	-.00002
#2	-.00013	.00606	.00002	-.00002	-.05511	.00151	-.00001
#3	-.00006	.03470	-.00036	.00028	-.04457	.00109	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06035	-.00060	-.01653	-.00683	-.00447	-.00243	.00274
Stddev	.03333	.00017	.01622	.00168	.00185	.00044	.00197
%RSD	55.230	28.552	98.163	24.557	41.406	18.148	71.842

#1	-.07840	-.00080	-.03407	-.00573	-.00551	-.00293	.00381
#2	-.08076	-.00050	-.01343	-.00601	-.00557	-.00226	.00393
#3	-.02189	-.00050	-.00207	-.00876	-.00233	-.00210	.00047

Sample Name: PB120280BL Acquired: 6/3/2019 13:42:10 Type: Unk
 Method: P4-ICP2(v3167) 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 -.01007	-.0049	-.00048	F 1.4322	F<.00000
Stddev	.00119	.0002	.00004	.2899	.18282
%RSD	11.826	4.962	9.0875	20.243	25.027

#1	-.00898	-.0051	-.00048	1.7610	-.79362
#2	-.00989	-.0048	-.00044	1.2133	-.87339
#3	-.01134	-.0047	-.00052	1.3222	-.52448

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4029.6	48921.	4455.1	47.553	4510.4
Stddev	8.2	265.	31.1	1.681	1.7
%RSD	.20229	.54158	.69880	3.5350	.03837

#1	4021.2	49077.	4479.9	47.348	4509.9
#2	4030.2	49071.	4465.3	45.984	4508.9
#3	4037.4	48615.	4420.2	49.327	4512.3

Sample Name: PB120280BS Acquired: 6/3/2019 13:46:43 Type: Unk
Method: P4-ICP2(v3167) 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	.70963	1.8628	.93819	1.8904	.77483	1.9369	.20396
Stddev	.00082	.0017	.00124	.0065	.00160	.0301	.00130
%RSD	.11519	.09352	.13253	.34292	.20640	1.5518	.63916

#1	.70936	1.8618	.93734	1.8831	.77608	1.9041	.20277
#2	.70899	1.8649	.93962	1.8924	.77303	1.9436	.20376
#3	.71055	1.8619	.93762	1.8955	.77539	1.9631	.20535

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18354	.17648	1.1298	.40870	.19310	.30393	3.0268
Stddev	.00047	.00012	.0136	.00064	.00018	.00070	.0030
%RSD	.25616	.06562	1.2024	.15602	.09423	.23044	.09833

#1	.18306	.17644	1.1142	.40846	.19291	.30313	3.0280
#2	.18399	.17639	1.1363	.40942	.19328	.30429	3.0234
#3	.18357	.17661	1.1389	.40822	.19312	.30438	3.0290

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20905	1.8341	.45856	.06822	2.9652	.30507	.18026
Stddev	.00094	.0126	.00023	.00037	.0183	.00022	.00046
%RSD	.44775	.68832	.04956	.54015	.61849	.07100	.25405

#1	.20804	1.8326	.45837	.06822	2.9448	.30484	.17975
#2	.20922	1.8474	.45848	.06785	2.9704	.30527	.18063
#3	.20989	1.8223	.45881	.06859	2.9803	.30510	.18041

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3821	.40211	.26293	F -.00774	.85256	.62998	.19881
Stddev	.1152	.00016	.01042	.00190	.00509	.00175	.00364
%RSD	1.2279	.04022	3.9644	24.534	.59753	.27812	1.8303

#1	9.2997	.40228	.25270	-.00655	.85037	.62845	.19676
#2	9.3329	.40208	.26255	-.00993	.85838	.62959	.19666
#3	9.5138	.40196	.27354	-.00673	.84892	.63189	.20301

Sample Name: PB120280BS Acquired: 6/3/2019 13:46:43 Type: Unk
Method: P4-ICP2(v3167) 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	.19858	5.819	.18981	F 2.1648	F<.00000
Stddev	.00070	.018	.00127	.3348	.23941
%RSD	.35086	.3137	.66724	15.466	8.7528
#1	.19799	5.798	.18899	2.5134	-3.0103
#2	.19840	5.831	.18918	2.1351	-2.5739
#3	.19935	5.828	.19127	1.8458	-2.6214
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3982.5	48903.	4488.9	46.430	4399.1
Stddev	5.3	118.	15.5	1.033	2.7
%RSD	.13287	.24114	.34439	2.2248	.06234
#1	3977.0	48973.	4489.3	45.393	4396.8
#2	3987.6	48767.	4473.3	46.439	4402.1
#3	3982.8	48970.	4504.2	47.459	4398.2

Sample Name: PB120280TB Acquired: 6/3/2019 13:51:04 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00139	-.00140	-.00279	.00109	.00709	.03925	.00680	-.00003
Stddev	.00200	.00069	.00059	.00116	.00166	.00498	.00030	.00003
%RSD	143.75	49.562	21.119	106.91	23.366	12.683	4.3501	113.48
#1	.00029	-.00067	-.00331	.00116	.00826	.03354	.00651	-.00006
#2	-.00360	-.00205	-.00215	.00221	.00519	.04157	.00710	.00000
#3	-.00086	-.00147	-.00293	-.00011	.00782	.04266	.00680	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	.00391	.00119	.00030	.00295	.00327	.00003	-.01237
Stddev	.00006	.00920	.00045	.00020	.00018	.00043	.00004	.04782
%RSD	18.695	235.41	37.334	68.386	6.2521	13.308	133.78	386.52
#1	-.00031	-.00106	.00105	.00052	.00274	.00313	.00003	-.03625
#2	-.00041	.01453	.00084	.00022	.00302	.00375	.00008	.04269
#3	-.00029	-.00174	.00169	.00014	.00309	.00291	-.00001	-.04355
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	.00167	F 363.44	.00095	.00226	-.11530	-.00037	-.00717
Stddev	.00023	.00058	6.28	.00037	.00015	.01693	.00023	.01675
%RSD	23.678	34.880	1.7293	39.456	6.7111	14.683	62.113	233.51
#1	.00102	.00170	356.66	.00052	.00241	-.10476	-.00037	-.00328
#2	.00072	.00107	369.07	.00116	.00211	-.10632	-.00014	-.02552
#3	.00117	.00223	364.59	.00117	.00227	-.13483	-.00059	.00729
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01340	.00417	-.00148	.00313	-.00846	-.0064	-.00046	4.6874
Stddev	.00077	.00065	.00047	.00168	.00100	.0002	.00007	.1331
%RSD	5.7701	15.634	32.020	53.898	11.773	2.444	15.434	2.8391
#1	.01429	.00492	-.00098	.00147	-.00767	-.0062	-.00038	4.7108
#2	.01287	.00373	-.00193	.00484	-.00958	-.0065	-.00052	4.5442
#3	.01305	.00385	-.00153	.00307	-.00814	-.0065	-.00049	4.8072

Sample Name: PB120280TB Acquired: 6/3/2019 13:51:04 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.08641
%RSD	18.281

#1	-.45635
#2	-.56612
#3	-.39563

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3745.0	44990.	4446.6	46.297	3901.9
Stddev	16.2	118.	28.5	.851	7.8
%RSD	.43149	.26138	.64071	1.8387	.20033

#1	3734.6	45042.	4461.8	47.275	3892.9
#2	3736.8	44856.	4464.3	45.893	3907.4
#3	3763.6	45073.	4413.8	45.723	3905.3

Sample Name: PB120218BS Acquired: 6/3/2019 13:55:39 Type: Unk
Method: P4-ICP2(v3167) 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	.75619	1.9938	.99326	2.0420	.81243	2.0119	.20801
Stddev	.00021	.0102	.00415	.0057	.00226	.0178	.00079
%RSD	.02801	.51149	.41774	.27750	.27823	.88276	.37871

#1	.75643	2.0055	.99805	2.0473	.81501	2.0267	.20891
#2	.75610	1.9893	.99082	2.0360	.81147	2.0169	.20766
#3	.75603	1.9866	.99091	2.0428	.81080	1.9922	.20746

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20123	.18735	1.1710	.42051	.19931	.32454	3.1561
Stddev	.00045	.00036	.0089	.00024	.00095	.00054	.0046
%RSD	.22243	.19286	.76278	.05757	.47524	.16643	.14688

#1	.20162	.18775	1.1763	.42043	.20040	.32516	3.1601
#2	.20074	.18725	1.1607	.42032	.19881	.32415	3.1510
#3	.20132	.18705	1.1761	.42078	.19872	.32431	3.1571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21808	1.9398	.47863	.07368	3.1498	.31174	.19458
Stddev	.00095	.0773	.00185	.00058	.0009	.00115	.00052
%RSD	.43697	3.9844	.38601	.78119	.02813	.37032	.26777

#1	.21911	1.9716	.48052	.07329	3.1507	.31071	.19514
#2	.21790	1.8516	.47683	.07434	3.1500	.31151	.19447
#3	.21724	1.9960	.47853	.07341	3.1489	.31299	.19412

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7166	.40641	.29656	8.8036	.91818	.66333	.20341
Stddev	.0299	.00187	.00472	.0234	.00433	.00174	.00045
%RSD	.30745	.46032	1.5931	.26586	.47178	.26211	.22088

#1	9.7509	.40857	.29111	8.8033	.91477	.66363	.20354
#2	9.6965	.40517	.29936	8.8272	.92305	.66490	.20291
#3	9.7024	.40551	.29922	8.7804	.91672	.66146	.20377

Sample Name: PB120218BS Acquired: 6/3/2019 13:55:39 Type: Unk
Method: P4-ICP2(v3167) 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	.20668	6.296	.19408	F 1.8007	F<.00000
Stddev	.00132	.019	.00085	.1938	.48506
%RSD	.63776	.3061	.44024	10.760	16.579
#1	.20702	6.312	.19345	1.6005	-3.3390
#2	.20522	6.303	.19505	1.8143	-3.0464
#3	.20779	6.275	.19373	1.9873	-2.3916
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4017.9	48422.	4437.8	46.995	4428.7
Stddev	7.9	165.	3.1	.335	7.8
%RSD	.19647	.33989	.07052	.71389	.17700
#1	4009.4	48261.	4441.1	46.789	4419.9
#2	4025.0	48590.	4437.6	46.814	4431.4
#3	4019.2	48416.	4434.8	47.382	4434.9

Sample Name: PB120264BS Acquired: 6/3/2019 13:59:43 Type: Unk
Method: P4-ICP2(v3167) 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	.75625	1.9715	.98568	1.9938	.80786	2.0779	.21815
Stddev	.00653	.0110	.00564	.0157	.00450	.0375	.00187
%RSD	.86382	.55946	.57256	.78959	.55672	1.8029	.85612

#1	.75045	1.9599	.97927	1.9788	.80564	2.0375	.21613
#2	.76333	1.9728	.98785	2.0102	.81304	2.0848	.21849
#3	.75497	1.9818	.98991	1.9924	.80490	2.1115	.21982

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19635	.18661	1.1885	.43006	.20131	.32037	3.1960
Stddev	.00155	.00114	.0108	.00270	.00118	.00277	.0265
%RSD	.78819	.61021	.90803	.62767	.58853	.86386	.82829

#1	.19534	.18530	1.1760	.42747	.19997	.31762	3.1771
#2	.19558	.18717	1.1945	.42984	.20173	.32316	3.1846
#3	.19813	.18736	1.1949	.43286	.20222	.32035	3.2262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22229	1.9995	.48249	.07412	3.1669	.32059	.19222
Stddev	.00123	.0126	.00279	.00075	.0258	.00345	.00134
%RSD	.55293	.62993	.57837	1.0054	.81538	1.0750	.69908

#1	.22164	1.9934	.47932	.07336	3.1500	.31976	.19068
#2	.22153	2.0140	.48356	.07416	3.1541	.31763	.19309
#3	.22371	1.9912	.48458	.07485	3.1967	.32437	.19291

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8849	.41672	.29109	F -.00406	.90383	.66015	.20536
Stddev	.0417	.00037	.00769	.00238	.00453	.00354	.00128
%RSD	.42224	.08938	2.6418	58.628	.50099	.53681	.62101

#1	9.8722	.41637	.28777	-.00149	.90118	.65633	.20584
#2	9.8510	.41670	.29988	-.00449	.90126	.66080	.20391
#3	9.9315	.41711	.28561	-.00620	.90906	.66333	.20632

Sample Name: PB120264BS Acquired: 6/3/2019 13:59:43 Type: Unk
Method: P4-ICP2(v3167) 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	.21191	6.230	.19902	F 1.5680	F<.00000
Stddev	.00194	.036	.00076	.2854	.38593
%RSD	.91706	.5854	.37984	18.203	11.212
#1	.21065	6.189	.19816	1.4011	-3.8665
#2	.21092	6.240	.19929	1.4053	-3.1123
#3	.21414	6.260	.19960	1.8976	-3.3472
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3988.9	48123.	4460.3	48.414	4387.0
Stddev	9.1	167.	6.3	.916	6.9
%RSD	.22779	.34722	.14157	1.8918	.15787
#1	3994.4	48183.	4454.6	47.409	4394.9
#2	3978.5	48251.	4467.1	49.202	4382.3
#3	3994.0	47934.	4459.1	48.630	4383.7

Sample Name: CCV02 Acquired: 6/3/2019 14:03:46 Type: Unk
Method: P4-ICP2(v3167) 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	5.1719	5.1598	5.1963	5.3898	5.4275	10.749	10.794	.26385
Stddev	.0138	.0144	.0080	.0094	.0009	.102	.060	.00282
%RSD	.26627	.27831	.15425	.17422	.01720	.94688	.55653	1.0673
#1	5.1609	5.1433	5.1884	5.3995	5.4286	10.655	10.735	.26069
#2	5.1873	5.1664	5.2045	5.3807	5.4268	10.735	10.792	.26610
#3	5.1673	5.1696	5.1961	5.3891	5.4272	10.857	10.855	.26477
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5149	26.377	1.0687	2.6035	1.3206	5.3028	2.7113	26.229
Stddev	.0029	.034	.0082	.0006	.0012	.0503	.0176	.280
%RSD	.11452	.12883	.76693	.02445	.09166	.94893	.64945	1.0666
#1	2.5116	26.379	1.0593	2.6032	1.3220	5.2449	2.6910	25.912
#2	2.5160	26.410	1.0741	2.6030	1.3203	5.3367	2.7221	26.333
#3	2.5170	26.342	1.0727	2.6042	1.3196	5.3267	2.7209	26.441
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4994	1.3012	26.685	2.6602	2.6147	25.346	5.3191	5.2543
Stddev	.0033	.0118	.195	.0253	.0003	.103	.0040	.0281
%RSD	.13363	.91030	.73063	.94913	.01060	.40495	.07562	.53472
#1	2.4977	1.2880	26.478	2.6314	2.6146	25.232	5.3235	5.2344
#2	2.4973	1.3110	26.711	2.6783	2.6150	25.373	5.3156	5.2420
#3	2.5033	1.3046	26.865	2.6710	2.6145	25.432	5.3182	5.2864
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2960	5.0052	5.0597	5.2302	5.3348	F 5.965	5.1250	F 3.9686
Stddev	.0181	.0384	.0050	.0136	.0415	.016	.0377	.3325
%RSD	.34084	.76618	.09913	.25976	.77795	.2691	.73473	8.3789
#1	5.2870	5.0060	5.0566	5.2305	5.3711	5.957	5.1569	3.5869
#2	5.2841	5.0432	5.0570	5.2437	5.3439	5.955	5.1346	4.1954
#3	5.3167	4.9665	5.0655	5.2165	5.2896	5.984	5.0835	4.1234

Sample Name: CCV02 Acquired: 6/3/2019 14:03:46 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .26111
Stddev	.17082
%RSD	65.420

#1	.36549
#2	.06398
#3	.35387

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3826.6	46278.	4445.7	47.004	3967.7
Stddev	2.5	284.	41.4	.896	2.1
%RSD	.06506	.61351	.93051	1.9057	.05331

#1	3824.8	46604.	4424.9	47.895	3967.7
#2	3829.4	46082.	4418.8	46.103	3969.8
#3	3825.6	46149.	4493.3	47.013	3965.6

Sample Name: CCB02 Acquired: 6/3/2019 14:07:44 Type: Unk
Method: P4-ICP2(v3167) 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	-.00107	.00146	-.00587	-.00071	.00523	.03818	.00819
Stddev	.00390	.00032	.00067	.00026	.00054	.00246	.00048
%RSD	364.89	21.757	11.363	36.220	10.240	6.4435	5.8318

#1	.00032	.00111	-.00661	-.00051	.00579	.03554	.00808
#2	-.00547	.00152	-.00531	-.00100	.00517	.04040	.00778
#3	.00194	.00173	-.00570	-.00063	.00472	.03861	.00871

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00030	-.01326	.00006	.00029	.00233	-.00086
Stddev	.00002	.00000	.01886	.00003	.00027	.00037	.00052
%RSD	137.67	1.6589	142.25	48.650	93.102	15.680	61.175

#1	.00003	-.00030	-.03162	.00005	.00043	.00192	-.00040
#2	.00003	-.00030	.00606	.00004	-.00002	.00260	-.00142
#3	-.00001	-.00029	-.01420	.00009	.00045	.00248	-.00075

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.01172	-.00015	.00002	-.03488	.00096	-.00074
Stddev	.00005	.00529	.00028	.00015	.01072	.00036	.00001
%RSD	98.174	45.137	189.67	830.91	30.739	37.107	1.8615

#1	-.00006	.01677	.00007	-.00011	-.04612	.00063	-.00073
#2	-.00009	.01216	-.00047	.00018	-.02476	.00134	-.00074
#3	.00000	.00622	-.00004	-.00002	-.03378	.00091	-.00075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.17721	-.00010	-.00049	-.00728	.00201	-.00123	.00197
Stddev	.02134	.00015	.01826	.00091	.00127	.00015	.00018
%RSD	12.040	161.24	3715.5	12.575	63.137	12.395	9.0407

#1	-.20180	.00007	.01045	-.00789	.00339	-.00116	.00178
#2	-.16352	-.00012	.00964	-.00622	.00088	-.00112	.00199
#3	-.16633	-.00024	-.02157	-.00772	.00177	-.00140	.00214

Sample Name: CCB02 Acquired: 6/3/2019 14:07:44 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00668	-0.0062	-0.00039	1.8352	F<.00000
Stddev	.00220	.0008	.00006	.2285	.32354
%RSD	33.004	13.59	14.134	12.449	17.610

#1	-0.00803	-0.0056	-0.00036	1.5728	-2.1797
#2	-0.00414	-0.0059	-0.00045	1.9899	-1.7952
#3	-0.00787	-0.0072	-0.00035	1.9429	-1.5367

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3987.6	48396.	4501.9	48.040	4449.9
Stddev	1.7	105.	15.7	1.258	7.7
%RSD	.04223	.21794	.34894	2.6186	.17256

#1	3986.5	48344.	4520.0	46.752	4455.9
#2	3989.6	48327.	4494.2	49.266	4452.6
#3	3986.8	48518.	4491.5	48.102	4441.3

Sample Name: K3105-01 Acquired: 6/3/2019 14:12:12 Type: Unk
Method: P4-ICP2(v3167) 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	.04939	-.00230	.59626	-.02197	.01293	66.679	.72693	.01132
Stddev	.00388	.00236	.00273	.00303	.00017	.672	.00654	.00023
%RSD	7.8577	102.38	.45764	13.783	1.3267	1.0071	.90017	2.0538

#1	.04545	-.00044	.59860	-.02381	.01310	65.968	.72009	.01130
#2	.05321	-.00152	.59326	-.02362	.01276	66.764	.72756	.01110
#3	.04950	-.00495	.59692	-.01847	.01292	67.303	.73313	.01157

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00350	169.43	.19790	.11828	.47615	268.68	12.611	76.030
Stddev	.00043	.09	.00168	.00020	.00201	1.90	.035	.614
%RSD	12.179	.05382	.85030	.17306	.42115	.70545	.27931	.80742

#1	-.00351	169.33	.19680	.11818	.47795	267.60	12.580	75.500
#2	-.00307	169.48	.19705	.11851	.47399	267.57	12.603	75.889
#3	-.00392	169.49	.19983	.11814	.47652	270.87	12.649	76.703

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25329	-.00904	2.8809	.46701	.88135	13.347	.00354	-.15191
Stddev	.00099	.00032	.0227	.00206	.00433	.080	.00021	.01393
%RSD	.38915	3.5798	.78682	.44111	.49152	.59772	5.9639	9.1692

#1	.25222	-.00875	2.8706	.46595	.87636	13.290	.00365	-.15857
#2	.25349	-.00898	2.8653	.46569	.88421	13.313	.00367	-.13590
#3	.25416	-.00939	2.9069	.46938	.88347	13.438	.00330	-.16125

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4086	1.3033	.01511	3.2220	.09509	8.368	-.10887	<.00000
Stddev	.0073	.0052	.00067	.0140	.00067	.009	.00208	.41961
%RSD	.13589	.39535	4.4342	.43343	.70095	.1087	1.9098	19.158

#1	5.4114	1.3089	.01441	3.2060	.09520	8.378	-.10849	-1.7920
#2	5.4002	1.3021	.01575	3.2317	.09437	8.360	-.10701	-2.1504
#3	5.4141	1.2988	.01518	3.2283	.09569	8.365	-.11112	-2.6284

Sample Name: K3105-01 Acquired: 6/3/2019 14:12:12 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	38.721
Stddev	1.024
%RSD	2.6447

#1	39.440
#2	37.548
#3	39.174

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4271.3	52473.	5309.5	46.715	3773.3
Stddev	6.7	126.	44.6	.708	13.2
%RSD	.15689	.23928	.83914	1.5149	.35012

#1	4267.3	52564.	5267.1	45.903	3786.6
#2	4267.6	52526.	5305.4	47.198	3760.2
#3	4279.1	52330.	5355.9	47.045	3772.9

Sample Name: K3105-03 Acquired: 6/3/2019 14:16:37 Type: Unk
Method: P4-ICP2(v3167) 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	.20039	.00562	21.303	.01239	.03537	66.465	5.2240	.01100
Stddev	.00038	.00086	.027	.00394	.00053	.372	.0374	.00013
%RSD	.19092	15.394	.12767	31.838	1.5108	.56008	.71520	1.1969
#1	.20006	.00463	21.281	.00975	.03521	66.175	5.2006	.01091
#2	.20081	.00603	21.295	.01050	.03494	66.336	5.2043	.01094
#3	.20030	.00620	21.333	.01692	.03597	66.885	5.2671	.01115
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00836	129.04	.41926	.08938	5.8462	240.56	2.8516	15.214
Stddev	.00032	.84	.00401	.00039	.0119	1.63	.0032	.020
%RSD	3.7721	.64795	.95577	.43315	.20296	.67696	.11161	.12951
#1	.00844	128.82	.41636	.08935	5.8328	238.68	2.8480	15.197
#2	.00801	128.33	.41758	.08901	5.8507	241.55	2.8534	15.235
#3	.00863	129.96	.42383	.08978	5.8552	241.45	2.8535	15.210
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22149	.00410	3.0127	.37069	8.9299	8.8816	.03063	-.08910
Stddev	.00118	.00025	.0262	.00235	.0078	.0470	.00021	.00836
%RSD	.53420	6.0185	.87063	.63361	.08738	.52912	.69367	9.3872
#1	.22119	.00384	3.0122	.37071	8.9241	8.9113	.03049	-.07993
#2	.22048	.00413	3.0392	.36834	8.9269	8.8274	.03052	-.09106
#3	.22279	.00433	2.9868	.37303	8.9388	8.9061	.03087	-.09632
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.902	1.6826	2.2155	1.5391	.13136	F 22.24	.71764	<.00000
Stddev	.032	.0196	.0042	.0057	.00095	.03	.00884	.13164
%RSD	.07400	1.1630	.19147	.37344	.72593	.1454	1.2320	35.269
#1	42.882	1.6803	2.2190	1.5401	.13026	22.21	.71902	-.52440
#2	42.887	1.6643	2.2108	1.5329	.13184	22.27	.70818	-.28368
#3	42.939	1.7032	2.2168	1.5442	.13198	22.25	.72570	-.31168

Sample Name: K3105-03 Acquired: 6/3/2019 14:16:37 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	32.050
Stddev	.909
%RSD	2.8373

#1	31.089
#2	32.164
#3	32.897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4083.5	50165.	5005.2	45.765	3938.8
Stddev	8.2	86.	40.0	.861	8.2
%RSD	.19998	.17068	.79925	1.8809	.20905

#1	4089.5	50148.	4975.8	45.629	3940.4
#2	4086.8	50258.	5050.7	44.981	3946.0
#3	4074.2	50089.	4989.0	46.686	3929.8

Sample Name: K3105-05 Acquired: 6/3/2019 14:20:53 Type: Unk
Method: P4-ICP2(v3167) 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	.51641	.00306	8.4044	-.01803	.04188	95.198	3.0547	.01087
Stddev	.00274	.00068	.0191	.00135	.00187	.508	.0052	.00016
%RSD	.53015	22.248	.22661	7.4898	4.4630	.53330	.16964	1.4329
#1	.51855	.00385	8.4205	-.01897	.04216	94.647	3.0498	.01075
#2	.51736	.00263	8.4093	-.01864	.03989	95.302	3.0541	.01082
#3	.51332	.00271	8.3834	-.01649	.04360	95.646	3.0602	.01105
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01316	340.02	.28428	.11565	1.5477	259.94	3.5645	155.25
Stddev	.00002	1.75	.00087	.00062	.0022	.14	.0074	.43
%RSD	.15902	.51407	.30467	.53932	.14471	.05489	.20752	.27891
#1	.01316	340.31	.28478	.11496	1.5461	259.86	3.5631	155.48
#2	.01318	341.61	.28328	.11618	1.5503	260.10	3.5580	154.75
#3	.01314	338.15	.28478	.11579	1.5468	259.85	3.5725	155.51
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47072	-.00405	2.6129	.45175	6.8544	9.4721	.02537	-.02399
Stddev	.00071	.00007	.0163	.00181	.0121	.0227	.00029	.00944
%RSD	.15018	1.7272	.62524	.39957	.17698	.23912	1.1534	39.367
#1	.47015	-.00412	2.6090	.45382	6.8626	9.4773	.02506	-.01315
#2	.47151	-.00399	2.6309	.45050	6.8600	9.4474	.02540	-.02837
#3	.47050	-.00402	2.5989	.45094	6.8404	9.4918	.02564	-.03045
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.904	2.2158	.38763	2.3954	.14414	F 10.08	.34943	1.1810
Stddev	.041	.0069	.00160	.0048	.00165	.03	.00285	.0092
%RSD	.24274	.31222	.41272	.20200	1.1451	.2877	.81461	.77628
#1	16.878	2.2185	.38595	2.3972	.14604	10.07	.34814	1.1892
#2	16.951	2.2209	.38913	2.3990	.14305	10.12	.35270	1.1829
#3	16.881	2.2079	.38781	2.3899	.14334	10.06	.34746	1.1711

Sample Name: K3105-05 Acquired: 6/3/2019 14:20:53 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	35.427
Stddev	.578
%RSD	1.6318

#1	34.862
#2	36.018
#3	35.402

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3868.1	47392.	4853.0	44.738	3609.8
Stddev	1.5	102.	15.8	1.515	7.0
%RSD	.03788	.21582	.32579	3.3868	.19289

#1	3868.1	47339.	4843.6	45.312	3603.5
#2	3866.7	47510.	4844.1	45.883	3608.7
#3	3869.6	47326.	4871.2	43.020	3617.3

Sample Name: K3105-07 Acquired: 6/3/2019 14:25:19 Type: Unk
Method: P4-ICP2(v3167) 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	.27790	.00511	27.724	-.00404	.04569	88.022	7.5051	.01385
Stddev	.00351	.00089	.049	.00348	.00198	.344	.0248	.00003
%RSD	1.2615	17.347	.17551	85.981	4.3404	.39129	.32982	.21629
#1	.27547	.00409	27.668	-.00027	.04343	87.671	7.4829	.01382
#2	.27630	.00554	27.755	-.00712	.04651	88.036	7.5006	.01388
#3	.28191	.00569	27.749	-.00474	.04714	88.359	7.5318	.01385
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01512	283.69	.29465	.12150	3.5476	297.19	3.8551	38.528
Stddev	.00012	2.42	.00230	.00055	.0053	.69	.0097	.175
%RSD	.77981	.85262	.78051	.45156	.14847	.23249	.25255	.45502
#1	.01502	280.95	.29705	.12094	3.5488	296.40	3.8655	38.718
#2	.01525	284.55	.29246	.12204	3.5521	297.55	3.8535	38.493
#3	.01509	285.55	.29444	.12151	3.5418	297.64	3.8463	38.373
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28371	.00463	4.0986	.45224	13.017	11.560	.03345	-.13965
Stddev	.00168	.00051	.0190	.00301	.027	.062	.00022	.00518
%RSD	.59058	11.059	.46300	.66545	.20838	.53563	.64943	3.7070
#1	.28354	.00404	4.1183	.45570	12.986	11.627	.03332	-.14372
#2	.28213	.00491	4.0971	.45077	13.027	11.505	.03334	-.14141
#3	.28547	.00494	4.0804	.45025	13.037	11.547	.03371	-.13382
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 51.524	3.2165	2.8858	2.0123	.15921	F 24.14	1.1639	<.00000
Stddev	.140	.0197	.0104	.0069	.00074	.06	.0122	.36484
%RSD	.27238	.61217	.35851	.34409	.46254	.2306	1.0501	3956.8
#1	51.410	3.2356	2.8750	2.0064	.15904	24.08	1.1526	-3.9948
#2	51.482	3.1963	2.8866	2.0105	.15857	24.14	1.1621	.04850
#3	51.681	3.2177	2.8957	2.0199	.16002	24.19	1.1769	.32332

Sample Name: K3105-07 Acquired: 6/3/2019 14:25:19 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	39.177
Stddev	1.030
%RSD	2.6285

#1	40.296
#2	38.269
#3	38.967

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3954.2	48330.	4908.9	44.444	3715.6
Stddev	2.3	105.	20.3	.636	7.9
%RSD	.05795	.21734	.41440	1.4318	.21348

#1	3951.7	48209.	4924.2	44.098	3724.3
#2	3954.4	48395.	4916.7	45.178	3713.9
#3	3956.3	48386.	4885.8	44.055	3708.7

Sample Name: K3105-09 Acquired: 6/3/2019 14:29:43 Type: Unk
Method: P4-ICP2(v3167) 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	.07188	-.00051	.33094	-.01147	.01444	110.36	.70915	.01103
Stddev	.00079	.00126	.00055	.00269	.00135	.62	.00417	.00023
%RSD	1.1008	246.83	.16612	23.480	9.3360	.56122	.58838	2.1294

#1	.07271	-.00111	.33031	-.01394	.01369	110.60	.71297	.01130
#2	.07114	.00094	.33117	-.00860	.01363	110.83	.70979	.01091
#3	.07180	-.00137	.33134	-.01186	.01600	109.66	.70470	.01088

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00519	53.484	.28108	.17655	.51781	206.92	5.7127	64.514
Stddev	.00003	.095	.00048	.00024	.00142	.44	.0384	.339
%RSD	.54124	.17680	.16939	.13467	.27438	.21258	.67209	.52554

#1	-.00516	53.432	.28157	.17647	.51722	206.99	5.6902	64.602
#2	-.00522	53.428	.28106	.17636	.51678	206.45	5.7570	64.801
#3	-.00519	53.593	.28062	.17682	.51943	207.32	5.6909	64.140

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0804	-.00413	1.1550	.35873	.82258	15.782	.00206	-.07104
Stddev	.0033	.00015	.0226	.00223	.00038	.115	.00020	.00661
%RSD	.30893	3.5471	1.9553	.62135	.04624	.72588	9.8281	9.3097

#1	1.0770	-.00398	1.1691	.36088	.82225	15.835	.00194	-.07779
#2	1.0805	-.00413	1.1669	.35889	.82249	15.861	.00230	-.07074
#3	1.0836	-.00427	1.1289	.35643	.82300	15.651	.00195	-.06457

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5265	1.2833	.02397	4.2230	.20440	7.830	-.13957	<.00000
Stddev	.0028	.0056	.00048	.0072	.00116	.030	.00035	.43789
%RSD	.07859	.44029	2.0169	.17038	.56556	.3828	.25010	19.082

#1	3.5246	1.2888	.02356	4.2148	.20451	7.807	-.13939	-2.7377
#2	3.5252	1.2775	.02384	4.2263	.20319	7.819	-.13935	-2.2846
#3	3.5296	1.2837	.02450	4.2279	.20549	7.864	-.13997	-1.8621

Sample Name: K3105-09 Acquired: 6/3/2019 14:29:43 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 26.867
 Stddev .714
 %RSD 2.6557

#1 26.048
 #2 27.359
 #3 27.192

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4304.9	52265.	5150.1	47.881	3917.4
Stddev	18.8	182.	30.7	.591	4.5
%RSD	.43631	.34795	.59626	1.2353	.11444

#1	4283.3	52228.	5173.9	48.553	3912.2
#2	4318.0	52105.	5160.9	47.439	3919.8
#3	4313.3	52463.	5115.4	47.651	3920.2

Sample Name: K3111-01 Acquired: 6/3/2019 14:34:15 Type: Unk
Method: P4-ICP2(v3167) 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	.01150	.00295	.00306	.00085	.00834	16.487	.03870	.00211
Stddev	.00120	.00055	.00170	.00179	.00008	.027	.00020	.00005
%RSD	10.437	18.546	55.600	209.43	.97906	.16124	.50593	2.2874

#1	.01190	.00356	.00111	-.00120	.00836	16.515	.03891	.00216
#2	.01015	.00248	.00426	.00169	.00842	16.485	.03868	.00208
#3	.01244	.00282	.00381	.00207	.00825	16.462	.03852	.00208

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00486	14.720	.06240	.00202	.02769	86.741	.07415	.09573
Stddev	.00003	.025	.00002	.00014	.00019	.179	.00018	.02247
%RSD	.56743	.16673	.02790	6.7414	.67195	.20662	.23937	23.477

#1	-.00483	14.741	.06238	.00210	.02784	86.859	.07427	.11989
#2	-.00488	14.693	.06240	.00210	.02774	86.535	.07395	.09183
#3	-.00487	14.725	.06242	.00187	.02748	86.829	.07423	.07545

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00526	.00248	-.04107	.07638	.02840	.79517	.01369	-.03816
Stddev	.00048	.00054	.00532	.00051	.00011	.02150	.00006	.00357
%RSD	9.0985	21.670	12.949	.66637	.38071	2.7040	.45567	9.3580

#1	-.00502	.00258	-.04647	.07675	.02852	.77627	.01376	-.03734
#2	-.00495	.00296	-.04089	.07580	.02839	.81857	.01368	-.03507
#3	-.00581	.00190	-.03584	.07659	.02830	.79067	.01364	-.04206

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47163	1.2124	.00013	.64250	-.01172	.6700	-.09292	.30609
Stddev	.00347	.0126	.00058	.00584	.00144	.0033	.00026	.27508
%RSD	.73667	1.0355	456.87	.90822	12.301	.4857	.28227	89.869

#1	.47553	1.2268	.00078	.63580	-.01012	.6714	-.09312	-.00030
#2	.46884	1.2042	-.00005	.64527	-.01291	.6724	-.09262	.38671
#3	.47053	1.2060	-.00035	.64645	-.01213	.6663	-.09301	.53184

Sample Name: K3111-01 Acquired: 6/3/2019 14:34:15 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.8344
 Stddev .3164
 %RSD 3.2168

#1 10.156
 #2 9.8227
 #3 9.5241

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4064.1	49269.	4691.3	50.400	4350.1
Stddev	13.2	107.	34.6	.984	5.4
%RSD	.32456	.21793	.73713	1.9521	.12470

#1	4052.0	49154.	4653.6	49.382	4350.6
#2	4062.3	49287.	4721.6	51.345	4344.5
#3	4078.2	49366.	4698.5	50.473	4355.3

Sample Name: K3111-01DUP Acquired: 6/3/2019 14:38:44 Type: Unk
Method: P4-ICP2(v3167) 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	.01091	.00195	.00234	.00041	.00726	16.329	.03870	.00205
Stddev	.00220	.00056	.00072	.00103	.00174	.096	.00026	.00010
%RSD	20.149	28.860	30.671	251.48	24.000	.58817	.67906	5.0265

#1	.01085	.00151	.00223	.00159	.00543	16.241	.03871	.00214
#2	.01315	.00175	.00310	-.00010	.00747	16.431	.03843	.00207
#3	.00875	.00258	.00168	-.00027	.00890	16.315	.03895	.00194

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00480	14.593	.06057	.00181	.02712	86.028	.07253	.04618
Stddev	.00012	.163	.00015	.00012	.00009	.937	.00060	.05727
%RSD	2.5181	1.1140	.25461	6.5870	.31392	1.0891	.83267	124.03

#1	-.00466	14.420	.06043	.00181	.02708	84.983	.07183	.04574
#2	-.00488	14.742	.06074	.00169	.02707	86.792	.07287	.10367
#3	-.00487	14.618	.06055	.00192	.02722	86.310	.07289	-.01088

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00492	.00229	-.03948	.07551	.02779	.75303	.01369	-.03035
Stddev	.00054	.00016	.00089	.00016	.00027	.03929	.00008	.00893
%RSD	11.039	6.8907	2.2426	.21500	.96417	5.2174	.57483	29.410

#1	-.00429	.00239	-.03892	.07549	.02804	.72870	.01365	-.02929
#2	-.00527	.00237	-.04050	.07568	.02751	.79835	.01363	-.03976
#3	-.00519	.00211	-.03902	.07535	.02783	.73203	.01378	-.02200

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46522	1.1422	.00042	.64265	-.00912	.6661	-.09224	.48957
Stddev	.00386	.0034	.00065	.00650	.00067	.0024	.00110	.06319
%RSD	.83052	.30191	156.41	1.0121	7.3349	.3594	1.1894	12.907

#1	.46832	1.1437	.00074	.63590	-.00854	.6653	-.09101	.55858
#2	.46089	1.1382	-.00033	.64887	-.00896	.6642	-.09311	.43455
#3	.46644	1.1445	.00084	.64319	-.00985	.6688	-.09261	.47558

Sample Name: K3111-01DUP Acquired: 6/3/2019 14:38:44 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.5977
Stddev	.1081
%RSD	1.1267

#1	9.5459
#2	9.7220
#3	9.5252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4060.9	49539.	4670.6	48.159	4351.9
Stddev	5.9	153.	15.0	1.180	3.5
%RSD	.14626	.30912	.32067	2.4502	.08150

#1	4063.6	49540.	4659.2	46.916	4351.8
#2	4054.1	49385.	4665.1	48.298	4348.3
#3	4065.1	49691.	4687.6	49.264	4355.4

Sample Name: K3111-01LX5 Acquired: 6/3/2019 14:43:14 Type: Unk
Method: P4-ICP2(v3167) 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	.00281	.00050	-.00467	-.00146	.00646	3.3386	.01473	.00040
Stddev	.00018	.00086	.00131	.00227	.00023	.0472	.00069	.00005
%RSD	6.3810	171.29	27.961	155.22	3.6200	1.4136	4.7065	11.920

#1	.00269	-.00014	-.00317	-.00359	.00626	3.3098	.01513	.00035
#2	.00302	.00148	-.00551	.00092	.00641	3.3931	.01513	.00043
#3	.00273	.00016	-.00535	-.00171	.00672	3.3130	.01393	.00042

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00148	3.1340	.01259	.00045	.00727	18.455	.01507	-.01912
Stddev	.00006	.0104	.00027	.00009	.00015	.018	.00006	.05866
%RSD	4.3577	.33032	2.1468	19.718	2.0672	.09489	.38169	306.82

#1	-.00141	3.1332	.01249	.00054	.00738	18.447	.01514	-.03544
#2	-.00152	3.1447	.01289	.00037	.00710	18.476	.01504	-.06789
#3	-.00152	3.1241	.01238	.00044	.00733	18.443	.01503	.04598

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00145	.00018	-.07551	.01594	.00599	.05689	.00203	-.01183
Stddev	.00020	.00053	.00762	.00032	.00010	.03657	.00008	.01311
%RSD	14.028	298.22	10.090	2.0115	1.7109	64.282	3.9260	110.84

#1	-.00135	.00006	-.06672	.01558	.00601	.06778	.00194	-.02509
#2	-.00169	.00076	-.07981	.01603	.00607	.08677	.00207	-.01152
#3	-.00133	-.00028	-.08001	.01620	.00587	.01611	.00208	.00113

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09501	.25460	-.00164	.13275	-.01161	.1302	-.02022	1.8303
Stddev	.00304	.00464	.00089	.00061	.00057	.0022	.00009	.0353
%RSD	3.2046	1.8215	54.445	.46284	4.9015	1.670	.42369	1.9290

#1	.09219	.25446	-.00097	.13208	-.01226	.1318	-.02013	1.7899
#2	.09824	.25003	-.00266	.13289	-.01138	.1278	-.02025	1.8457
#3	.09461	.25930	-.00130	.13328	-.01119	.1311	-.02029	1.8553

Sample Name: K3111-01LX5 Acquired: 6/3/2019 14:43:14 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.55107
Stddev	.35293
%RSD	64.045

#1	.28630
#2	.41516
#3	.95175

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4012.8	48773.	4515.8	48.468	4409.9
Stddev	7.0	187.	47.6	.425	8.3
%RSD	.17496	.38339	1.0539	.87671	.18772

#1	4020.8	48564.	4486.2	48.859	4416.1
#2	4007.4	48831.	4570.7	48.530	4400.5
#3	4010.4	48924.	4490.6	48.016	4413.2

Sample Name: K3111-01MS Acquired: 6/3/2019 14:47:40 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69179	1.9414	.97866	1.8413	.31580	29.104	.25955	.19368	.18027
Stddev	.00473	.0062	.00103	.0048	.00227	.115	.00080	.00012	.00018
%RSD	.68414	.31980	.10482	.26064	.71946	.39373	.30633	.06149	.09767
#1	.69686	1.9406	.97814	1.8375	.31581	28.975	.25867	.19382	.18023
#2	.69104	1.9356	.97984	1.8398	.31807	29.193	.26023	.19359	.18047
#3	.68749	1.9480	.97800	1.8467	.31353	29.145	.25975	.19364	.18012
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.520	.47946	.19868	.33425	91.566	.27668	2.0821	.46145	.07532
Stddev	.129	.00064	.00012	.00084	.748	.00191	.0532	.00138	.00040
%RSD	.78135	.13369	.06031	.25179	.81680	.68870	2.5547	.29879	.52720
#1	16.627	.47913	.19866	.33456	92.057	.27882	2.0872	.46286	.07577
#2	16.376	.48020	.19857	.33330	90.705	.27605	2.1326	.46010	.07504
#3	16.557	.47906	.19881	.33490	91.935	.27517	2.0266	.46139	.07515
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0707	.37399	.22435	9.8895	.35701	.24496	9.1450	1.8615	.59119
Stddev	.0334	.00124	.00021	.0223	.00067	.01533	.0057	.0074	.00095
%RSD	1.0884	.33228	.09246	.22540	.18830	6.2589	.06254	.39770	.16021
#1	3.0401	.37294	.22454	9.8702	.35623	.23538	9.1384	1.8582	.59192
#2	3.1063	.37367	.22413	9.9139	.35733	.23686	9.1487	1.8564	.59154
#3	3.0656	.37536	.22438	9.8843	.35746	.26265	9.1478	1.8700	.59012
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.65118	.19909	7.067	.10742	1.6076	7.5074			
Stddev	.00260	.00309	.014	.00156	.5376	.2020			
%RSD	.39916	1.5513	.2004	1.4487	33.442	2.6903			
#1	.64926	.19612	7.083	.10600	.99532	7.2742			
#2	.65414	.20228	7.062	.10909	1.8250	7.6262			
#3	.65015	.19886	7.057	.10717	2.0024	7.6218			

Sample Name: K3111-01MS Acquired: 6/3/2019 14:47:40 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4033.1	48968.	4599.5	48.824	4282.0
Stddev	4.1	163.	22.2	1.191	3.0
%RSD	.10060	.33185	.48195	2.4394	.06979
#1	4037.6	48796.	4583.1	49.057	4278.8
#2	4029.7	48988.	4624.7	47.534	4282.4
#3	4032.1	49119.	4590.8	49.882	4284.8

Sample Name: K3111-01MSD Acquired: 6/3/2019 14:51:52 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68849	1.9462	.98115	1.8505	.31488	28.795	.25871	.19315	.18062
Stddev	.00540	.0037	.00123	.0108	.00251	.215	.00237	.00022	.00032
%RSD	.78418	.19187	.12538	.58463	.79795	.74698	.91657	.11310	.17812
#1	.68760	1.9419	.97999	1.8395	.31252	28.582	.25677	.19329	.18031
#2	.69427	1.9483	.98101	1.8612	.31461	28.792	.25800	.19325	.18095
#3	.68359	1.9484	.98244	1.8509	.31752	29.012	.26136	.19290	.18059
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.356	.47851	.19870	.33446	90.617	.27683	2.0788	.46303	.07436
Stddev	.038	.00087	.00081	.00125	.203	.00079	.0253	.00144	.00061
%RSD	.22959	.18264	.40737	.37231	.22354	.28702	1.2174	.31001	.82064
#1	16.320	.47844	.19783	.33302	90.443	.27768	2.0821	.46140	.07372
#2	16.353	.47768	.19884	.33523	90.569	.27612	2.1023	.46408	.07444
#3	16.395	.47942	.19944	.33513	90.840	.27668	2.0520	.46362	.07493
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0633	.37199	.22604	9.8519	.35911	.24448	9.2283	1.6038	.58959
Stddev	.0383	.00200	.00066	.1611	.00210	.00911	.0258	.0234	.00218
%RSD	1.2513	.53768	.29185	1.6351	.58583	3.7253	.27965	1.4625	.36985
#1	3.0416	.37003	.22565	9.7316	.35668	.24376	9.1985	1.6142	.58712
#2	3.0408	.37190	.22680	9.7892	.36018	.25393	9.2437	1.6202	.59125
#3	3.1076	.37403	.22566	10.035	.36046	.23576	9.2427	1.5769	.59040
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.64226	.19445	7.083	.10676	1.6099	6.9561			
Stddev	.00252	.00077	.024	.00009	.3035	.2224			
%RSD	.39190	.39451	.3406	.08517	18.855	3.1978			
#1	.64096	.19528	7.057	.10679	1.3162	7.0755			
#2	.64066	.19377	7.104	.10683	1.5910	6.6995			
#3	.64516	.19430	7.087	.10666	1.9224	7.0934			

Sample Name: K3111-01MSD Acquired: 6/3/2019 14:51:52 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4026.1	48912.	4616.9	48.893	4271.7
Stddev	3.7	30.	65.1	2.472	6.5
%RSD	.09228	.06132	1.4107	5.0556	.15162
#1	4022.1	48880.	4580.7	48.120	4267.7
#2	4029.5	48939.	4577.9	46.900	4279.2
#3	4026.6	48918.	4692.1	51.659	4268.2

Sample Name: CCV03 Acquired: 6/3/2019 15:10:26 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0015	4.9322	4.9417	5.2133	5.2229	10.137	10.600
Stddev	.0102	.0054	.0044	.0028	.0100	.038	.019
%RSD	.20468	.11029	.08837	.05315	.19207	.37383	.18119

#1	5.0119	4.9263	4.9456	5.2112	5.2290	10.099	10.621
#2	4.9915	4.9334	4.9370	5.2165	5.2113	10.174	10.585
#3	5.0012	4.9370	4.9426	5.2123	5.2283	10.137	10.594

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25543	2.4075	25.705	1.0377	2.5036	1.2672	5.1197
Stddev	.00042	.0020	.077	.0037	.0021	.0022	.0178
%RSD	.16603	.08345	.29882	.35538	.08197	.17612	.34839

#1	.25539	2.4071	25.634	1.0417	2.5014	1.2678	5.1390
#2	.25587	2.4057	25.694	1.0370	2.5041	1.2648	5.1162
#3	.25503	2.4096	25.786	1.0344	2.5054	1.2691	5.1039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6068	25.158	2.3925	1.2575	25.901	2.5812	2.5501
Stddev	.0116	.239	.0005	.0024	.024	.0071	.0003
%RSD	.44488	.94875	.02244	.19408	.09211	.27391	.01333

#1	2.6162	24.894	2.3931	1.2594	25.918	2.5888	2.5501
#2	2.5939	25.221	2.3923	1.2584	25.874	2.5802	2.5504
#3	2.6105	25.359	2.3920	1.2548	25.912	2.5747	2.5498

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.913	5.1355	4.9971	5.1732	4.8996	4.8600	5.0731
Stddev	.091	.0044	.0189	.0144	.0209	.0073	.0074
%RSD	.37957	.08586	.37865	.27748	.42698	.15037	.14552

#1	24.012	5.1376	5.0000	5.1630	4.8969	4.8536	5.0659
#2	23.894	5.1304	5.0144	5.1896	4.8801	4.8680	5.0727
#3	23.834	5.1384	4.9769	5.1671	4.9217	4.8584	5.0807

Sample Name: CCV03 Acquired: 6/3/2019 15:10:26 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.1633	F 5.934	5.1231	4.7315	F<.00000
Stddev	.0088	.015	.0029	.2970	.33771
%RSD	.16944	.2473	.05628	6.2765	136.80
#1	5.1695	5.918	5.1248	4.7730	.13190
#2	5.1533	5.946	5.1198	5.0054	-.35598
#3	5.1671	5.937	5.1247	4.4159	-.51653
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3801.2	45924.	4353.4	44.441	3951.7
Stddev	6.3	201.	13.7	.612	1.9
%RSD	.16465	.43858	.31468	1.3780	.04704
#1	3795.4	45692.	4338.1	45.055	3949.6
#2	3807.8	46051.	4364.5	43.831	3952.7
#3	3800.5	46029.	4357.7	44.436	3952.9

Sample Name: CCB03 Acquired: 6/3/2019 15:35:14 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	-.00060	.00119	-.00322	.00474	-.00303	.00891
Stddev	.00062	.00135	.00015	.00067	.00139	.01462	.00007
%RSD	169.59	225.11	12.689	20.689	29.288	482.86	.75890

#1	.00029	-.00074	.00128	-.00293	.00625	-.01115	.00898
#2	-.00021	.00082	.00128	-.00275	.00446	.01385	.00884
#3	.00103	-.00188	.00102	-.00399	.00352	-.01179	.00891

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00028	-.03799	.00047	.00010	.00124	-.00312
Stddev	.00004	.00006	.01251	.00028	.00012	.00012	.00070
%RSD	223.26	22.605	32.935	60.721	121.14	9.8970	22.600

#1	-.00006	-.00033	-.05238	.00072	-.00001	.00111	-.00237
#2	-.00001	-.00031	-.02965	.00016	.00023	.00136	-.00377
#3	.00001	-.00021	-.03195	.00053	.00008	.00124	-.00321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.07481	.00054	-.00053	-.10638	.00043	-.00059
Stddev	.00003	.02043	.00011	.00015	.00561	.00022	.00003
%RSD	14.714	27.316	19.959	29.249	5.2768	51.528	5.1368

#1	-.00017	-.08292	.00045	-.00035	-.11276	.00037	-.00057
#2	-.00015	-.05157	.00052	-.00059	-.10416	.00025	-.00058
#3	-.00020	-.08995	.00066	-.00064	-.10221	.00068	-.00063

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.22238	-.00062	-.01040	-.00477	-.00837	-.00237	.00327
Stddev	.00950	.00008	.02622	.00328	.00077	.00046	.00092
%RSD	4.2726	12.651	252.17	68.690	9.1729	19.601	28.112

#1	-.23236	-.00066	-.01707	-.00437	-.00921	-.00245	.00265
#2	-.22132	-.00068	.01852	-.00171	-.00817	-.00187	.00433
#3	-.21344	-.00053	-.03264	-.00823	-.00772	-.00278	.00284

Sample Name: CCB03 Acquired: 6/3/2019 15:35:14 Type: Unk
 Method: P4-ICP2(v3167) 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 -.01574	-.0062	-.00027	F 1.0911	F<.00000
Stddev	.00119	.0010	.00001	.2039	.23841
%RSD	7.5611	15.58	3.0002	18.693	9.2861
#1	-.01676	-.0069	-.00027	1.0579	-2.6551
#2	-.01603	-.0066	-.00026	1.3096	-2.2976
#3	-.01443	-.0051	-.00028	.90578	-2.7495
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3975.4	48383.	4434.9	47.393	4471.7
Stddev	5.5	73.	19.4	1.010	7.7
%RSD	.13952	.15060	.43838	2.1316	.17186
#1	3980.5	48308.	4416.6	48.245	4479.8
#2	3976.1	48387.	4455.3	47.657	4470.8
#3	3969.5	48453.	4432.8	46.277	4464.5

Sample Name: K3111-01A Acquired: 6/3/2019 15:39:42 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69377	1.9068	.96907	1.8391	.31242	28.923	.25958	.19380	.17945
Stddev	.00178	.0022	.00080	.0041	.00110	.081	.00035	.00034	.00137
%RSD	.25663	.11310	.08215	.22317	.35272	.27842	.13462	.17645	.76472

#1	.69559	1.9055	.96987	1.8408	.31195	28.834	.25925	.19378	.18099
#2	.69204	1.9057	.96905	1.8421	.31368	28.942	.25954	.19415	.17904
#3	.69369	1.9093	.96828	1.8344	.31163	28.992	.25994	.19346	.17834

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.176	.48240	.19762	.33084	89.559	.27577	2.0374	.46248	.07465
Stddev	.088	.00156	.00019	.00165	.492	.00123	.0666	.00058	.00079
%RSD	.54509	.32315	.09392	.49838	.54894	.44754	3.2678	.12456	1.0536

#1	16.075	.48418	.19776	.33268	88.992	.27713	2.0779	.46203	.07427
#2	16.236	.48176	.19741	.33033	89.813	.27471	2.0737	.46229	.07555
#3	16.217	.48127	.19770	.32950	89.872	.27548	1.9605	.46313	.07412

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0426	.37117	.22687	9.7662	.35598	.25027	9.2957	1.7172	.59157
Stddev	.0241	.00117	.00065	.0549	.00083	.00971	.0113	.0120	.00370
%RSD	.79221	.31438	.28447	.56246	.23397	3.8786	.12143	.69798	.62577

#1	3.0561	.37121	.22759	9.8154	.35694	.24550	9.2860	1.7295	.59103
#2	3.0148	.37232	.22635	9.7069	.35550	.24388	9.2931	1.7166	.58816
#3	3.0568	.36999	.22666	9.7761	.35550	.26144	9.3081	1.7056	.59551

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65168	.19864	7.231	.11223	1.8890	4.8022
Stddev	.00182	.00043	.015	.00044	.3229	.1512
%RSD	.27979	.21606	.2030	.39407	17.094	3.1492

#1	.65369	.19815	7.247	.11273	1.5225	4.6608
#2	.65012	.19895	7.219	.11187	2.1316	4.9617
#3	.65124	.19881	7.227	.11209	2.0128	4.7842

Sample Name: K3111-01A Acquired: 6/3/2019 15:39:42 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3998.3	48570.	4530.2	46.886	4253.6
Stddev	7.9	245.	23.2	.978	5.1
%RSD	.19863	.50381	.51270	2.0857	.11959
#1	3992.3	48326.	4520.6	47.557	4247.8
#2	3995.3	48570.	4513.3	45.764	4257.3
#3	4007.3	48815.	4556.6	47.336	4255.7

Sample Name: PB120278BL Acquired: 6/3/2019 15:43:54 Type: Unk
Method: P4-ICP2(v3167) 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	-.00010	.00088	-.00206	.00506	-.00516	.00909
Stddev	.00165	.00055	.00042	.00302	.00028	.01090	.00037
%RSD	729.17	569.37	47.865	146.22	5.4832	211.30	4.0671

#1	.00213	-.00016	.00067	-.00437	.00530	.00696	.00919
#2	-.00082	.00048	.00137	.00135	.00512	-.01418	.00868
#3	-.00063	-.00061	.00061	-.00317	.00476	-.00825	.00940

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00028	-.02290	.00036	-.00001	.00162	-.00002
Stddev	.00005	.00006	.01989	.00024	.00013	.00024	.00053
%RSD	206.48	23.021	86.885	65.481	1897.8	14.594	2561.5

#1	.00007	-.00022	.00000	.00026	-.00015	.00140	.00059
#2	-.00001	-.00035	-.03590	.00063	.00003	.00159	-.00038
#3	.00000	-.00028	-.03279	.00019	.00010	.00187	-.00028

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.02622	.00055	-.00041	-.08466	.00018	-.00054
Stddev	.00007	.00797	.00027	.00010	.00697	.00013	.00009
%RSD	116.56	30.396	50.073	24.189	8.2358	71.842	16.417

#1	-.00014	-.03378	.00074	-.00031	-.09050	.00008	-.00045
#2	.00001	-.01790	.00023	-.00041	-.08654	.00032	-.00053
#3	-.00006	-.02699	.00067	-.00050	-.07694	.00013	-.00063

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15899	-.00083	-.00569	-.00315	-.00552	-.00191	.00066
Stddev	.05617	.00017	.00286	.00116	.00259	.00024	.00085
%RSD	35.329	20.437	50.239	36.971	46.853	12.573	128.63

#1	-.09415	-.00089	-.00789	-.00269	-.00784	-.00199	.00000
#2	-.18995	-.00063	-.00672	-.00228	-.00599	-.00164	.00163
#3	-.19288	-.00095	-.00246	-.00447	-.00273	-.00211	.00036

Sample Name: PB120278BL Acquired: 6/3/2019 15:43:54 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00870	-0.0065	-0.00027	F 2.1951	F<.00000
Stddev	.00219	.0017	.00003	.2025	.20022
%RSD	25.220	26.00	11.472	9.2245	6.6171
#1	-0.00774	-0.0085	-0.00024	2.1103	-3.0790
#2	-0.01120	-0.0059	-0.00028	2.0488	-3.1940
#3	-0.00714	-0.0053	-0.00030	2.4262	-2.8043
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3947.5	48398.	4366.5	47.467	4437.7
Stddev	4.7	178.	36.0	.578	.6
%RSD	.11797	.36727	.82374	1.2172	.01415
#1	3942.9	48435.	4407.6	48.098	4437.6
#2	3952.2	48205.	4340.7	47.339	4438.3
#3	3947.3	48554.	4351.3	46.964	4437.1

Sample Name: LR CHECK 1 Acquired: 6/3/2019 15:47:54 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120280BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01362	-.07174	.25874	-.78456	.15628	1952.2	.02523	.04555
Stddev	.00580	.00626	.01344	.00514	.00335	7.5	.00075	.00066
%RSD	42.560	8.7311	5.1958	.65505	2.1453	.38639	2.9778	1.4439

#1	-.01158	-.06501	.26249	-.77864	.15680	1953.4	.02566	.04546
#2	-.02016	-.07740	.26992	-.78717	.15934	1944.1	.02567	.04494
#3	-.00912	-.07281	.24383	-.78787	.15270	1959.0	.02437	.04625

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13425	1792.6	-.08969	.11348	-52.177	879.80	-.03359	1827.9
Stddev	.00090	11.5	.00069	.00026	.062	1.04	.00046	3.3
%RSD	.66672	.63875	.76805	.22931	.11856	.11767	1.3602	.18004

#1	.13386	1805.7	-.08889	.11318	-52.108	878.63	-.03313	1829.0
#2	.13527	1787.4	-.09011	.11365	-52.226	880.59	-.03404	1830.5
#3	.13362	1784.7	-.09006	.11361	-52.198	880.17	-.03361	1824.2

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03835	-.26995	1958.5	.01910	.35865	1092.4	-.02495	-3.7235
Stddev	.00020	.00294	32.7	.00108	.00087	7.3	.00085	.0167
%RSD	.52163	1.0874	1.6693	5.6428	.24359	.67073	3.3926	.44825

#1	.03813	-.26854	1995.0	.01951	.35872	1100.8	-.02501	-3.7190
#2	.03851	-.27333	1932.0	.01992	.35774	1087.6	-.02408	-3.7420
#3	.03842	-.26799	1948.6	.01788	.35948	1088.9	-.02577	-3.7095

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46027	-.01829	.06268	-.07482	.11832	.0669	-.95378	<.00000
Stddev	.01400	.00238	.00174	.00160	.00275	.0079	.00109	.31162
%RSD	3.0415	12.992	2.7798	2.1391	2.3223	11.84	.11476	12.322

#1	.47619	-.01983	.06331	-.07409	.12128	.0736	-.95252	-2.3992
#2	.44986	-.01555	.06402	-.07666	.11585	.0582	-.95450	-2.8844
#3	.45477	-.01947	.06071	-.07372	.11785	.0689	-.95431	-2.3031

Sample Name: LR CHECK 1 Acquired: 6/3/2019 15:47:54 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120280BL Custom ID2: Custom ID3:
Comment:

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

#1 ^ -----
#2 ^ -----
#3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2630.7	31914.	3727.3	33.699	2152.5
Stddev	7.1	38.	26.7	.192	3.3
%RSD	.27179	.12019	.71520	.56942	.15260

#1	2638.9	31876.	3704.7	33.801	2155.9
#2	2626.0	31914.	3756.7	33.478	2152.3
#3	2627.1	31953.	3720.5	33.818	2149.3

Sample Name: LR CHECK 2 Acquired: 6/3/2019 15:52:51 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120280BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00222	-.01979	230.25	.02336	-.02834	-.19185	94.472	-.00168
Stddev	.00344	.00097	.63	.00423	.00213	.00362	.685	.00004
%RSD	154.91	4.9003	.27182	18.098	7.5319	1.8851	.72469	2.2796

#1	-.00173	-.02090	229.78	.02223	-.03080	-.19603	93.747	-.00171
#2	.00384	-.01911	230.01	.02804	-.02694	-.18971	94.563	-.00169
#3	.00455	-.01935	230.96	.01981	-.02729	-.18982	95.107	-.00164

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00806	.11118	-.12838	-.00367	262.50	-.74843	42.110	-.12395
Stddev	.00003	.00977	.00039	.00027	.24	.00116	.199	.04919
%RSD	.31410	8.7902	.30221	7.4515	.09014	.15502	.47233	39.687

#1	-.00809	.11648	-.12810	-.00367	262.35	-.74709	42.258	-.07498
#2	-.00804	.11716	-.12822	-.00395	262.77	-.74913	42.188	-.12352
#3	-.00804	.09990	-.12882	-.00340	262.38	-.74907	41.884	-.17336

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.026	.00624	.50341	-.17954	34.221	.57438	-.00742	.00157
Stddev	.145	.00039	.00436	.00082	.105	.00537	.00025	.00513
%RSD	.30768	6.2602	.86677	.45701	.30570	.93520	3.3414	327.34

#1	46.943	.00579	.50468	-.18048	34.249	.57616	-.00726	-.00008
#2	46.941	.00645	.50699	-.17920	34.309	.57863	-.00729	-.00254
#3	47.193	.00648	.49855	-.17895	34.105	.56834	-.00770	.00731

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00723	-.01509	-.00051	.01264	-.01232	-3.987	.00215	3.8349
Stddev	.00402	.00212	.00053	.00210	.00190	.028	.00002	.1828
%RSD	55.607	14.024	104.48	16.611	15.402	.6992	.89857	4.7659

#1	.00300	-.01689	-.00018	.01382	-.01436	-3.956	.00214	3.8067
#2	.01101	-.01276	-.00023	.01388	-.01061	-3.995	.00213	3.6678
#3	.00769	-.01561	-.00112	.01021	-.01200	-4.010	.00217	4.0301

Sample Name: LR CHECK 2 Acquired: 6/3/2019 15:52:51 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120280BS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.52796
%RSD	22.397

#1	-2.5212
#2	-2.7838
#3	-1.7668

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3163.9	49018.	4450.5	46.865	4087.6
Stddev	3.3	76.	38.8	.414	6.4
%RSD	.10290	.15493	.87245	.88285	.15557

#1	3167.7	48951.	4469.4	46.902	4094.4
#2	3162.3	49100.	4476.4	47.259	4086.5
#3	3161.9	49003.	4405.9	46.434	4081.8

Sample Name: K3105-03DLX10 Acquired: 6/3/2019 15:57:53 Type: Unk
Method: P4-ICP2(v3167) 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	.02116	.00011	2.1501	.00044	.00877	6.6502	.53262	.00120
Stddev	.00161	.00066	.0047	.00226	.00108	.0967	.00590	.00003
%RSD	7.5999	612.55	.22033	508.82	12.284	1.4545	1.1075	2.3600

#1	.02279	-.00056	2.1453	.00126	.00805	6.5399	.52598	.00123
#2	.01958	.00077	2.1547	.00219	.01000	6.7206	.53462	.00117
#3	.02111	.00011	2.1504	-.00211	.00824	6.6901	.53726	.00121

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	14.929	.04600	.00866	.64913	29.596	.30851	1.5555
Stddev	.00007	.084	.00066	.00013	.00242	.367	.00284	.0417
%RSD	27.334	.56295	1.4305	1.5127	.37224	1.2404	.91924	2.6820

#1	-.00017	14.839	.04620	.00859	.65183	29.173	.30524	1.5647
#2	-.00024	14.942	.04654	.00881	.64840	29.832	.31029	1.5100
#3	-.00030	15.006	.04527	.00859	.64717	29.783	.31000	1.5919

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02172	.00046	.56205	.03895	.89121	1.2072	.00217	.00737
Stddev	.00050	.00054	.01822	.00057	.00098	.0502	.00018	.01397
%RSD	2.3145	117.84	3.2410	1.4519	.10994	4.1544	8.4688	189.64

#1	.02192	.00100	.54913	.03863	.89013	1.1512	.00238	-.00389
#2	.02210	-.00008	.55414	.03960	.89205	1.2227	.00211	.02300
#3	.02115	.00044	.58289	.03862	.89145	1.2479	.00202	.00299

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2076	.18319	.21424	.17085	.00424	2.236	.07720	2.1821
Stddev	.0024	.00197	.00091	.00050	.00128	.009	.00006	.6397
%RSD	.04600	1.0753	.42390	.29401	30.227	.3957	.07482	29.316

#1	5.2070	.18486	.21528	.17061	.00516	2.246	.07714	1.4555
#2	5.2056	.18371	.21359	.17052	.00480	2.234	.07723	2.4301
#3	5.2102	.18102	.21386	.17143	.00278	2.228	.07724	2.6606

Sample Name: K3105-03DLX10 Acquired: 6/3/2019 15:57:53 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.08443
Stddev	.39554
%RSD	468.51

#1	-.16874
#2	-.11820
#3	.54022

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3943.1	48637.	4510.8	46.911	4300.1
Stddev	5.4	366.	11.9	.612	1.0
%RSD	.13664	.75181	.26383	1.3052	.02254

#1	3937.0	49058.	4497.5	46.597	4298.9
#2	3947.3	48403.	4514.4	46.519	4300.8
#3	3944.9	48449.	4520.5	47.616	4300.5

Sample Name: K3105-05DLX10 Acquired: 6/3/2019 16:02:07 Type: Unk
Method: P4-ICP2(v3167) 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	.05757	-.00154	.91844	-.00437	.00615	10.465	.34817	.00133
Stddev	.00149	.00064	.00301	.00115	.00104	.081	.00237	.00006
%RSD	2.5907	41.756	.32721	26.407	16.970	.77344	.67982	4.2599

#1	.05665	-.00198	.91881	-.00554	.00520	10.372	.34588	.00127
#2	.05929	-.00184	.92125	-.00323	.00597	10.522	.35060	.00134
#3	.05676	-.00080	.91527	-.00435	.00727	10.500	.34802	.00138

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	42.895	.03487	.01250	.19195	36.465	.42747	17.302
Stddev	.00008	.441	.00013	.00001	.00065	.232	.00133	.202
%RSD	228.75	1.0290	.36519	.10360	.34024	.63529	.31182	1.1669

#1	.00005	42.454	.03499	.01252	.19120	36.414	.42593	17.153
#2	-.00007	42.893	.03473	.01250	.19229	36.718	.42821	17.532
#3	-.00008	43.337	.03488	.01249	.19237	36.263	.42827	17.222

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04984	-.00036	.42197	.05375	.71793	1.2243	.00189	.01184
Stddev	.00049	.00028	.02207	.00059	.00128	.0324	.00016	.00500
%RSD	.99041	79.310	5.2292	1.1033	.17789	2.6491	8.2313	42.239

#1	.05040	-.00008	.39662	.05431	.71764	1.1964	.00185	.00678
#2	.04957	-.00034	.43238	.05313	.71932	1.2599	.00206	.01678
#3	.04953	-.00065	.43689	.05381	.71682	1.2164	.00176	.01195

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8809	.90093	.03986	.31423	.00954	1.067	.03750	2.7101
Stddev	.0073	.02074	.00058	.00236	.00107	.004	.00086	.3654
%RSD	.38571	2.3019	1.4440	.75042	11.187	.4214	2.3010	13.482

#1	1.8785	.90018	.03980	.31296	.00916	1.066	.03724	3.0692
#2	1.8891	.88058	.04047	.31278	.00871	1.071	.03680	2.7223
#3	1.8752	.92203	.03933	.31695	.01074	1.063	.03847	2.3387

Sample Name: K3105-05DLX10 Acquired: 6/3/2019 16:02:07 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.52214
Stddev	.10232
%RSD	19.596

#1	.51234
#2	.42506
#3	.62900

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3875.6	47512.	4446.9	46.350	4146.4
Stddev	6.2	95.	57.7	.568	6.7
%RSD	.16087	.19910	1.2982	1.2263	.16047

#1	3869.3	47542.	4456.1	46.640	4148.2
#2	3881.8	47407.	4499.6	46.714	4139.0
#3	3875.6	47589.	4385.2	45.695	4152.0

Sample Name: K3105-07DLX10 Acquired: 6/3/2019 16:06:32 Type: Unk
Method: P4-ICP2(v3167) 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	.03013	-.00064	2.8526	-.00005	.00987	8.8212	.75983	.00157
Stddev	.00173	.00044	.0065	.00188	.00098	.0209	.00429	.00005
%RSD	5.7471	69.510	.22754	3928.6	9.9677	.23738	.56414	2.9835
#1	.03071	-.00100	2.8599	.00030	.01022	8.8112	.75640	.00158
#2	.03149	-.00014	2.8476	.00164	.01063	8.8453	.76463	.00152
#3	.02818	-.00077	2.8502	-.00208	.00876	8.8072	.75846	.00161
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	33.252	.03252	.01198	.40662	39.248	.43001	3.9771
Stddev	.00011	.131	.00037	.00013	.00042	.238	.00095	.0759
%RSD	170.28	.39442	1.1303	1.0793	.10259	.60680	.22034	1.9076
#1	-.00007	33.113	.03231	.01194	.40614	39.209	.43023	4.0477
#2	-.00017	33.374	.03230	.01212	.40688	39.503	.43082	3.9866
#3	.00005	33.269	.03294	.01187	.40685	39.032	.42897	3.8969
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02721	.00113	.44284	.04793	1.3326	1.2591	.00256	-.00786
Stddev	.00061	.00045	.00502	.00026	.0023	.0470	.00019	.00964
%RSD	2.2512	39.657	1.1336	.53661	.16986	3.7316	7.5444	122.54
#1	.02666	.00132	.43965	.04767	1.3352	1.2931	.00275	-.01816
#2	.02712	.00146	.44862	.04819	1.3308	1.2055	.00257	-.00638
#3	.02787	.00062	.44024	.04792	1.3319	1.2788	.00236	.00094
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3525	.36189	.28381	.22238	.00812	2.398	.12504	2.0120
Stddev	.0039	.00071	.00096	.00168	.00156	.007	.00076	.1729
%RSD	.06094	.19657	.33726	.75550	19.178	.2947	.61153	8.5935
#1	6.3565	.36232	.28405	.22081	.00974	2.403	.12416	2.1829
#2	6.3523	.36107	.28462	.22415	.00663	2.402	.12547	2.0161
#3	6.3487	.36229	.28275	.22217	.00797	2.390	.12549	1.8371

Sample Name: K3105-07DLX10 Acquired: 6/3/2019 16:06:32 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .55066
Stddev .13302
%RSD 24.157

#1 .60352
#2 .39933
#3 .64912

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3910.0	47763.	4451.5	46.770	4229.0
Stddev	5.9	213.	15.0	1.571	8.7
%RSD	.15065	.44540	.33705	3.3590	.20511

#1	3912.6	47707.	4449.5	46.253	4220.9
#2	3914.2	47584.	4437.6	45.523	4238.2
#3	3903.3	47999.	4467.4	48.535	4228.0

Sample Name: K2641-13 Acquired: 6/3/2019 16:10:56 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06052	-.00787	.85367	-.02106	.01362	124.49	.74344	.00924
Stddev	.00266	.00063	.00383	.00272	.00109	.05	.00179	.00003
%RSD	4.4035	8.0509	.44892	12.907	7.9810	.04079	.24066	.34782
#1	.05998	-.00763	.84927	-.01797	.01460	124.55	.74302	.00925
#2	.06341	-.00859	.85545	-.02213	.01379	124.46	.74541	.00927
#3	.05816	-.00739	.85629	-.02308	.01245	124.46	.74190	.00921
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00191	267.23	.20828	.13173	.50606	192.41	3.6527	78.859
Stddev	.00049	.56	.00065	.00049	.00097	.97	.0099	.363
%RSD	25.594	.20866	.31170	.37516	.19194	.50355	.27016	.46019
#1	-.00248	266.70	.20770	.13174	.50511	193.35	3.6579	78.540
#2	-.00168	267.17	.20815	.13123	.50602	192.47	3.6589	79.254
#3	-.00158	267.81	.20898	.13222	.50705	191.41	3.6413	78.783
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20185	-.00674	38.724	.42222	1.2452	12.986	.00237	-.05909
Stddev	.00073	.00020	.058	.00280	.0030	.028	.00017	.00848
%RSD	.36331	2.9595	.14911	.66432	.24364	.21779	7.1566	14.348
#1	.20201	-.00651	38.750	.42023	1.2448	13.018	.00245	-.04930
#2	.20104	-.00690	38.763	.42543	1.2424	12.963	.00248	-.06408
#3	.20248	-.00680	38.657	.42100	1.2484	12.976	.00217	-.06389
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.333	3.6564	.02787	3.7937	.14581	F 10.53	.65812	.91563
Stddev	.055	.0372	.00091	.0208	.00265	.02	.00359	.11180
%RSD	.40955	1.0162	3.2662	.54706	1.8181	.1921	.54501	12.210
#1	13.278	3.6146	.02723	3.8039	.14835	10.52	.65579	.79495
#2	13.332	3.6690	.02891	3.7698	.14600	10.53	.65632	1.0157
#3	13.388	3.6856	.02746	3.8073	.14306	10.56	.66225	.93626

Sample Name: K2641-13 Acquired: 6/3/2019 16:10:56 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.036
Stddev	.589
%RSD	4.1989

#1	13.940
#2	13.500
#3	14.667

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4070.8	49970.	5051.5	43.160	3638.2
Stddev	5.8	150.	6.6	1.088	7.3
%RSD	.14325	.30011	.13009	2.5210	.20118

#1	4068.5	49826.	5046.8	42.572	3638.1
#2	4066.5	49958.	5059.0	44.415	3645.6
#3	4077.5	50125.	5048.7	42.492	3630.9

Sample Name: K2641-15 Acquired: 6/3/2019 16:15:20 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03073	-.01574	.17346	-.02313	.01532	119.33	.62144	.00797
Stddev	.00208	.00174	.00150	.00196	.00127	.36	.00196	.00018
%RSD	6.7582	11.081	.86395	8.4882	8.2905	.30269	.31541	2.2001

#1	.02898	-.01378	.17426	-.02538	.01386	118.97	.61955	.00804
#2	.03303	-.01633	.17439	-.02223	.01604	119.32	.62346	.00777
#3	.03018	-.01711	.17173	-.02178	.01607	119.70	.62130	.00810

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00347	323.72	.19244	.13211	.43807	189.86	2.9746	101.58
Stddev	.00016	2.89	.00104	.00034	.00114	1.25	.0008	.94
%RSD	4.6166	.89168	.54251	.25527	.26039	.66068	.02539	.92488

#1	-.00363	320.55	.19318	.13250	.43807	191.07	2.9754	100.50
#2	-.00331	326.21	.19291	.13195	.43693	188.57	2.9743	102.17
#3	-.00345	324.38	.19125	.13189	.43921	189.94	2.9739	102.08

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17933	-.00765	14.609	.45509	.58273	23.591	.00398	-.07367
Stddev	.00093	.00031	.019	.00139	.00149	.058	.00049	.01523
%RSD	.52136	4.0810	.12966	.30480	.25509	.24696	12.345	20.672

#1	.17963	-.00754	14.606	.45643	.58431	23.525	.00377	-.06122
#2	.17828	-.00741	14.629	.45366	.58254	23.610	.00455	-.06912
#3	.18008	-.00801	14.591	.45518	.58135	23.637	.00364	-.09065

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6539	2.6777	.01593	6.7635	.16807	F 12.63	.81554	1.3061
Stddev	.0050	.0451	.00071	.0194	.00107	.02	.00918	.2273
%RSD	.06497	1.6859	4.4355	.28678	.63538	.1820	1.1262	17.407

#1	7.6590	2.6306	.01609	6.7442	.16899	12.65	.80557	1.0620
#2	7.6491	2.7206	.01515	6.7632	.16690	12.60	.82365	1.5118
#3	7.6536	2.6818	.01653	6.7830	.16833	12.64	.81741	1.3444

Sample Name: K2641-15 Acquired: 6/3/2019 16:15:20 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.343
Stddev	.661
%RSD	4.6099

#1	14.549
#2	14.877
#3	13.604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4018.9	49456.	4951.7	43.532	3608.7
Stddev	4.3	116.	16.3	1.612	5.0
%RSD	.10627	.23470	.32863	3.7040	.13942

#1	4023.3	49323.	4966.7	41.789	3606.6
#2	4018.7	49536.	4934.4	43.836	3605.0
#3	4014.7	49510.	4954.0	44.971	3614.4

Sample Name: K3093-02 Acquired: 6/3/2019 16:19:44 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.08930	k -.05930	k .08051	k -.76968	k .04887	k .48660	.03229
Stddev	.00267	.00046	.00231	.00501	.00283	.01206	.00092
%RSD	2.9952	.77536	2.8742	.65136	5.7991	2.4780	2.8608

#1	k -.09114	k -.05923	k .08261	k -.77324	k .04657	k .48445	.03146
#2	k -.08623	k -.05979	k .07803	k -.76395	k .05203	k .47577	.03328
#3	k -.09053	k -.05888	k .08088	k -.77184	k .04799	k .49959	.03213

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04069	k .12869	k 6.2813	k .23746	k .04319	k .87534	^ *****
Stddev	.00018	.00008	.0319	.00047	.00017	.00391	-----
%RSD	.44433	.06014	.50806	.19812	.39844	.44628	-----

#1	.04071	k .12878	k 6.2454	k .23797	k .04332	k .87274	^ -----
#2	.04050	k .12863	k 6.3065	k .23735	k .04299	k .87345	^ -----
#3	.04086	k .12867	k 6.2919	k .23705	k .04325	k .87983	^ -----

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8465	-.41108	k .05872	k -.27144	6.8674	k .00804	k 4.5842
Stddev	.0485	.09123	.00082	.00106	.0247	.00060	.0061
%RSD	.82888	22.192	1.4038	.39160	.35955	7.4597	.13237

#1	5.7906	-.36756	k .05776	k -.27082	6.8433	k .00752	k 4.5886
#2	5.8759	-.51592	k .05917	k -.27083	6.8927	k .00870	k 4.5773
#3	5.8731	-.34976	k .05921	k -.27266	6.8662	k .00792	k 4.5868

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43618	.02611	kF -3.3532	k .36648	k .44209	k .02399	k .00876
Stddev	.03474	.00087	.0358	.00321	.00362	.00154	.00031
%RSD	7.9636	3.3195	1.0687	.87634	.81845	6.4097	3.5126

#1	.39801	.02703	k -3.3266	k .36960	k .44508	k .02331	k .00905
#2	.46594	.02531	k -3.3390	k .36318	k .43807	k .02290	k .00879
#3	.44458	.02598	k -3.3939	k .36665	k .44314	k .02575	k .00844

Sample Name: K3093-02 Acquired: 6/3/2019 16:19:44 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00799	k .1563	k .04099	<.00000	^ *****
Stddev	.00022	.0058	.00026	.06246	-----
%RSD	2.7190	3.723	.63016	.66167	-----
#1	-.00774	k .1571	k .04122	-9.3700	^ -----
#2	-.00810	k .1502	k .04071	-9.4581	^ -----
#3	-.00814	k .1617	k .04105	-9.4907	^ -----
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3512.8	43450.	4192.2	42.075	3504.7
Stddev	1.1	112.	2.3	.880	5.8
%RSD	.03115	.25795	.05386	2.0909	.16481
#1	3511.6	43533.	4194.1	42.943	3498.4
#2	3513.8	43322.	4192.8	41.184	3509.8
#3	3513.0	43494.	4189.7	42.098	3505.7

Sample Name: CCV04 Acquired: 6/3/2019 16:35:57 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0506	4.8471	4.9575	5.2319	5.3331	10.189	10.706
Stddev	.0156	.0158	.0122	.0117	.0046	.034	.034
%RSD	.30840	.32607	.24647	.22375	.08620	.33396	.31704

#1	5.0678	4.8615	4.9646	5.2259	5.3281	10.225	10.745
#2	5.0374	4.8496	4.9646	5.2454	5.3338	10.158	10.691
#3	5.0467	4.8302	4.9434	5.2244	5.3373	10.184	10.682

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25693	2.4459	26.146	1.0578	2.5454	1.2908	5.0880
Stddev	.00052	.0076	.212	.0014	.0062	.0024	.0076
%RSD	.20292	.31100	.81196	.13128	.24231	.18558	.15003

#1	.25745	2.4540	26.223	1.0583	2.5513	1.2882	5.0925
#2	.25692	2.4447	26.309	1.0588	2.5457	1.2914	5.0922
#3	.25641	2.4389	25.906	1.0562	2.5390	1.2928	5.0791

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6450	25.212	2.4005	1.2727	25.478	2.6024	2.5715
Stddev	.0061	.141	.0051	.0010	.086	.0032	.0086
%RSD	.23172	.56074	.21201	.08091	.33698	.12494	.33483

#1	2.6454	25.177	2.4051	1.2739	25.571	2.6012	2.5801
#2	2.6508	25.368	2.4013	1.2719	25.460	2.5999	2.5714
#3	2.6386	25.092	2.3950	1.2724	25.402	2.6060	2.5629

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.669	5.1451	5.1552	5.2707	4.9495	4.9102	5.1500
Stddev	.093	.0033	.0472	.0211	.0161	.0207	.0223
%RSD	.37765	.06449	.91474	.39952	.32594	.42162	.43244

#1	24.776	5.1415	5.1646	5.2945	4.9487	4.9339	5.1635
#2	24.609	5.1459	5.1969	5.2545	4.9660	4.9010	5.1622
#3	24.622	5.1480	5.1040	5.2632	4.9337	4.8957	5.1243

Sample Name: CCV04 Acquired: 6/3/2019 16:35:57 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15050 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.1500	F 6.155	5.1092	5.2924	F<.00000
Stddev	.0374	.018	.0327	.1031	.24581
%RSD	.72547	.2865	.63992	1.9488	17.033

#1	5.1931	6.175	5.1453	5.3241	-1.7068
#2	5.1277	6.147	5.1006	5.1771	-1.4025
#3	5.1291	6.142	5.0817	5.3759	-1.2203

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3750.0	45553.	4318.9	43.905	3912.9
Stddev	5.0	166.	24.0	1.134	7.9
%RSD	.13395	.36453	.55518	2.5834	.20176

#1	3754.2	45406.	4297.4	43.293	3903.9
#2	3751.4	45521.	4314.6	43.209	3916.2
#3	3744.4	45733.	4344.7	45.214	3918.7

Sample Name: CCB04 Acquired: 6/3/2019 16:39:55 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.00147	-.00175	-.00591	.00422	-.00017	.01299
Stddev	.00125	.00090	.00079	.00162	.00136	.00497	.00065
%RSD	657.82	61.444	44.890	27.487	32.288	2896.9	4.9975

#1	-.00102	-.00046	-.00216	-.00720	.00296	-.00591	.01224
#2	.00011	-.00221	-.00224	-.00644	.00566	.00296	.01332
#3	.00147	-.00173	-.00084	-.00408	.00404	.00243	.01341

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00028	-.03216	.00065	.00019	.00215	-.00087
Stddev	.00002	.00004	.00669	.00028	.00009	.00017	.00052
%RSD	230.15	13.408	20.816	42.931	47.877	8.0671	59.792

#1	.00002	-.00032	-.03065	.00033	.00013	.00210	-.00028
#2	-.00002	-.00028	-.03948	.00082	.00030	.00234	-.00108
#3	-.00003	-.00024	-.02635	.00082	.00015	.00201	-.00125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.03682	.00037	.00015	-.07799	.00053	.00004
Stddev	.00006	.02756	.00039	.00034	.00237	.00018	.00005
%RSD	92.482	74.850	104.13	235.07	3.0375	33.020	126.33

#1	-.00006	-.02927	.00064	.00018	-.08005	.00048	.00011
#2	-.00001	-.06737	.00054	-.00021	-.07851	.00039	.00001
#3	-.00014	-.01382	-.00007	.00047	-.07540	.00073	.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11977	-.00006	.00384	-.00100	-.00023	-.00171	.00443
Stddev	.03808	.00008	.00966	.00244	.00232	.00081	.00131
%RSD	31.796	137.76	251.56	244.08	1009.8	47.672	29.546

#1	.15408	.00002	.00801	-.00307	-.00053	-.00100	.00314
#2	.12642	-.00005	.01071	-.00162	.00222	-.00152	.00441
#3	.07880	-.00014	-.00720	.00169	-.00238	-.00260	.00576

Sample Name: CCB04 Acquired: 6/3/2019 16:39:55 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15050 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01077	-.0081	-.00020	F 3.1845	F<.00000
Stddev	.00212	.0017	.00009	.4073	.29509
%RSD	19.700	20.91	45.668	12.789	10.043
#1	-.01023	-.0076	-.00010	2.7200	-2.5977
#2	-.01311	-.0067	-.00028	3.4803	-3.1113
#3	-.00897	-.0100	-.00022	3.3531	-3.1062
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3930.9	48032.	4355.2	45.287	4402.9
Stddev	18.3	68.	44.8	.935	3.1
%RSD	.46455	.14170	1.0286	2.0643	.06998
#1	3917.1	47966.	4334.2	44.389	4402.5
#2	3923.9	48028.	4324.8	46.255	4406.1
#3	3951.6	48102.	4406.7	45.218	4400.0

Sample Name: K3145-01 Acquired: 6/3/2019 16:49:06 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	-.00104	-.00867	-.00276	.00515	.09276	.01466
Stddev	.00186	.00043	.00041	.00172	.00179	.00677	.00022
%RSD	260.84	41.476	4.7286	62.174	34.843	7.2988	1.4797

#1	.00268	-.00124	-.00821	-.00078	.00459	.09948	.01443
#2	.00047	-.00134	-.00877	-.00387	.00716	.08594	.01486
#3	-.00101	-.00055	-.00901	-.00363	.00370	.09287	.01470

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00031	.15991	.00056	.00016	.00865	.03304
Stddev	.00007	.00005	.00149	.00023	.00026	.00033	.00117
%RSD	99.573	14.965	.92905	42.149	164.31	3.7887	3.5495

#1	-.00014	-.00026	.15854	.00029	-.00012	.00832	.03419
#2	-.00002	-.00034	.16149	.00074	.00020	.00867	.03308
#3	-.00003	-.00032	.15971	.00064	.00039	.00897	.03184

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00218	.00407	.00196	-.00005	-.05007	.00032	.04292
Stddev	.00003	.03937	.00020	.00034	.00745	.00036	.00017
%RSD	1.3013	967.28	10.138	613.08	14.882	113.97	.39309

#1	.00221	-.04138	.00186	.00008	-.04242	.00030	.04284
#2	.00216	.02781	.00182	-.00044	-.05730	.00069	.04280
#3	.00218	.02578	.00218	.00019	-.05047	-.00004	.04311

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13574	-.00076	.01070	.02875	.05868	-.00247	.00373
Stddev	.00986	.00031	.00737	.00039	.00274	.00007	.00141
%RSD	7.2617	40.395	68.897	1.3465	4.6732	2.7393	37.842

#1	.12582	-.00061	.01108	.02893	.05852	-.00240	.00281
#2	.13589	-.00112	.01787	.02901	.06151	-.00254	.00536
#3	.14553	-.00056	.00314	.02830	.05603	-.00246	.00302

Sample Name: K3145-01 Acquired: 6/3/2019 16:49:06 Type: Unk
 Method: P4-ICP2(v3167) 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	-.01421	-.0023	.00027	1.8340	F<.00000
Stddev	.00045	.0001	.00004	.2889	.18112
%RSD	3.1417	2.252	16.144	15.754	6.0594
#1	-.01375	-.0023	.00024	1.5064	-3.1503
#2	-.01423	-.0023	.00025	1.9435	-2.7931
#3	-.01464	-.0022	.00032	2.0522	-3.0239
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4042.8	49899.	4581.9	47.977	4595.5
Stddev	9.9	216.	21.2	1.077	7.8
%RSD	.24416	.43285	.46236	2.2450	.16947
#1	4039.7	49861.	4592.2	49.166	4598.4
#2	4053.8	50131.	4557.5	47.066	4601.5
#3	4034.8	49704.	4595.9	47.700	4586.7

Sample Name: K3145-01DUP Acquired: 6/3/2019 16:53:34 Type: Unk
Method: P4-ICP2(v3167) 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	-.00079	-.00255	-.00808	-.00273	.00356	.09972	.01387
Stddev	.00110	.00041	.00041	.00304	.00082	.00314	.00046
%RSD	139.22	16.143	5.1050	111.41	23.049	3.1523	3.2874

#1	-.00098	-.00210	-.00848	-.00198	.00296	.09733	.01376
#2	.00039	-.00291	-.00766	-.00014	.00323	.10328	.01437
#3	-.00178	-.00265	-.00809	-.00608	.00449	.09856	.01348

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00024	.13560	.00051	.00023	.00887	.02789
Stddev	.00006	.00004	.01641	.00029	.00020	.00048	.00020
%RSD	121.80	17.229	12.100	57.602	90.829	5.4484	.69927

#1	-.00009	-.00019	.13754	.00049	.00044	.00844	.02811
#2	.00002	-.00025	.11830	.00022	.00021	.00939	.02783
#3	-.00007	-.00027	.15094	.00081	.00003	.00876	.02774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00205	-.01038	.00180	.00062	-.06443	.00092	.03795
Stddev	.00005	.02276	.00058	.00021	.00468	.00025	.00016
%RSD	2.5048	219.17	32.273	33.976	7.2593	26.916	.43349

#1	.00206	-.01427	.00133	.00062	-.06963	.00104	.03800
#2	.00199	.01407	.00245	.00040	-.06058	.00109	.03808
#3	.00210	-.03095	.00162	.00082	-.06308	.00064	.03776

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15017	-.00070	.00443	.03057	.05446	-.00235	.00316
Stddev	.00884	.00017	.00162	.00259	.00149	.00019	.00175
%RSD	5.8878	24.652	36.527	8.4866	2.7309	8.1244	55.530

#1	.15348	-.00088	.00369	.02791	.05370	-.00214	.00141
#2	.15688	-.00070	.00628	.03071	.05617	-.00251	.00491
#3	.14015	-.00053	.00331	.03310	.05350	-.00240	.00316

Sample Name: K3145-01DUP Acquired: 6/3/2019 16:53:34 Type: Unk
Method: P4-ICP2(v3167) 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	-.01498	-.0029	.00021	1.4600	F<.00000
Stddev	.00212	.0008	.00005	.1697	.17960
%RSD	14.157	28.73	24.575	11.620	6.6395

#1	-.01740	-.0020	.00025	1.3969	-2.9061
#2	-.01410	-.0037	.00015	1.3309	-2.6484
#3	-.01344	-.0031	.00022	1.6521	-2.5605

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4037.7	49783.	4560.2	48.409	4575.7
Stddev	6.1	45.	26.9	1.109	1.0
%RSD	.15103	.09043	.59053	2.2915	.02253

#1	4043.8	49752.	4534.6	48.045	4576.7
#2	4031.6	49761.	4557.7	47.527	4575.8
#3	4037.7	49834.	4588.3	49.655	4574.6

Sample Name: K3145-01LX5 Acquired: 6/3/2019 16:58:04 Type: Unk
Method: P4-ICP2(v3167) 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	-.00060	-.00117	-.00905	-.00369	.00505	.02108	.01410
Stddev	.00133	.00073	.00090	.00189	.00151	.01146	.00009
%RSD	221.88	62.126	9.9369	51.147	29.973	54.383	.62060

#1	.00003	-.00197	-.00822	-.00161	.00398	.03375	.01417
#2	-.00213	-.00053	-.00892	-.00529	.00679	.01143	.01400
#3	.00030	-.00103	-.01000	-.00418	.00440	.01806	.01414

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00023	.00765	.00038	.00024	.00376	.00480
Stddev	.00005	.00002	.00970	.00022	.00010	.00008	.00048
%RSD	91.280	8.1350	126.89	57.008	41.567	2.0684	9.9956

#1	-.00001	-.00024	.01881	.00013	.00033	.00378	.00531
#2	-.00011	-.00021	.00291	.00048	.00013	.00383	.00476
#3	-.00004	-.00023	.00123	.00054	.00025	.00368	.00435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	.01547	.00075	.00022	-.10569	.00058	.00757
Stddev	.00001	.03114	.00035	.00016	.00196	.00036	.00010
%RSD	2.6875	201.30	46.554	75.564	1.8560	62.740	1.2707

#1	.00029	.03688	.00116	.00013	-.10579	.00093	.00752
#2	.00030	.02978	.00058	.00011	-.10368	.00020	.00750
#3	.00030	-.02025	.00052	.00040	-.10760	.00060	.00768

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08550	-.00085	-.00691	.00372	.00845	-.00196	.00235
Stddev	.02843	.00011	.00687	.00223	.00187	.00052	.00206
%RSD	33.257	13.222	99.383	59.957	22.159	26.587	87.356

#1	.11825	-.00098	-.00259	.00479	.00979	-.00192	.00264
#2	.06711	-.00078	-.01483	.00522	.00925	-.00146	.00017
#3	.07113	-.00078	-.00331	.00116	.00631	-.00251	.00425

Sample Name: K3145-01LX5 Acquired: 6/3/2019 16:58:04 Type: Unk
 Method: P4-ICP2(v3167) 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	-.01167	-.0068	-.00018	2.8564	F<.00000
Stddev	.00032	.0012	.00008	.3985	.01871
%RSD	2.7070	17.85	45.959	13.950	.76568
#1	-.01180	-.0054	-.00017	2.4272	-2.4390
#2	-.01131	-.0071	-.00010	3.2147	-2.4285
#3	-.01190	-.0078	-.00026	2.9272	-2.4648
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3920.1	47895.	4408.6	46.157	4410.4
Stddev	2.5	143.	40.6	2.625	6.3
%RSD	.06330	.29809	.92058	5.6877	.14295
#1	3919.1	47738.	4368.8	43.145	4413.0
#2	3923.0	47931.	4407.3	47.361	4414.9
#3	3918.4	48016.	4449.9	47.964	4403.2

Sample Name: K3145-01MS Acquired: 6/3/2019 17:02:33 Type: Unk
Method: P4-ICP2(v3167) 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	.00103	-.00218	-.00911	-.00209	.00410	.08071	.01550
Stddev	.00235	.00136	.00037	.00118	.00080	.01002	.00020
%RSD	228.67	62.187	4.0272	56.563	19.445	12.410	1.2660

#1	.00313	-.00123	-.00953	-.00344	.00330	.08258	.01531
#2	.00145	-.00374	-.00887	-.00124	.00489	.08967	.01570
#3	-.00150	-.00158	-.00893	-.00159	.00410	.06989	.01550

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00027	.14804	.00065	.00025	.00870	.02273
Stddev	.00003	.00003	.00997	.00041	.00011	.00049	.00054
%RSD	108.09	10.441	6.7356	63.408	44.481	5.6018	2.3695

#1	.00000	-.00025	.13735	.00099	.00033	.00916	.02317
#2	-.00003	-.00030	.14969	.00076	.00029	.00875	.02213
#3	-.00006	-.00026	.15708	.00019	.00012	.00819	.02290

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00166	-.01137	.00192	.00054	-.06294	.00097	.05951
Stddev	.00004	.02719	.00017	.00015	.00309	.00020	.00010
%RSD	2.4931	239.19	8.7329	28.650	4.9080	20.458	.17521

#1	.00170	-.02548	.00210	.00053	-.06640	.00099	.05958
#2	.00162	.01998	.00189	.00069	-.06046	.00076	.05939
#3	.00166	-.02861	.00177	.00039	-.06197	.00115	.05955

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09656	-.00071	.00817	.02562	.05082	-.00216	.00193
Stddev	.02775	.00008	.01606	.00365	.00251	.00076	.00061
%RSD	28.741	11.130	196.52	14.232	4.9356	35.097	31.868

#1	.09836	-.00080	.00364	.02168	.05292	-.00302	.00156
#2	.06795	-.00064	-.00513	.02888	.04804	-.00157	.00158
#3	.12337	-.00070	.02602	.02629	.05151	-.00190	.00263

Sample Name: K3145-01MS Acquired: 6/3/2019 17:02:33 Type: Unk
Method: P4-ICP2(v3167) 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	-.01307	.0004	.00022	1.8035	F<.00000
Stddev	.00158	.0007	.00002	.2937	.26403
%RSD	12.075	172.5	8.8357	16.282	11.054

#1	-.01125	.0011	.00024	1.4673	-2.2589
#2	-.01401	.0006	.00022	1.9332	-2.2144
#3	-.01395	-.0004	.00020	2.0099	-2.6924

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4020.3	49655.	4533.0	49.333	4563.6
Stddev	7.9	213.	58.7	1.382	7.0
%RSD	.19630	.42851	1.2948	2.8018	.15427

#1	4028.3	49872.	4467.5	50.898	4571.0
#2	4012.5	49647.	4580.8	48.277	4557.0
#3	4019.9	49446.	4550.7	48.825	4562.9

Sample Name: K3145-01MSD Acquired: 6/3/2019 17:06:58 Type: Unk
Method: P4-ICP2(v3167) 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	.00046	-.00195	-.00889	-.00262	.00539	.09470	.01584
Stddev	.00038	.00092	.00032	.00211	.00076	.00598	.00027
%RSD	80.931	47.317	3.6337	80.596	14.126	6.3186	1.7115

#1	.00005	-.00192	-.00910	-.00351	.00612	.08811	.01611
#2	.00078	-.00104	-.00852	-.00415	.00460	.09621	.01557
#3	.00057	-.00288	-.00906	-.00021	.00547	.09979	.01583

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00028	.17046	.00086	.00032	.00888	.02206
Stddev	.00004	.00002	.01419	.00033	.00014	.00025	.00095
%RSD	693.44	7.0808	8.3236	38.589	44.969	2.7964	4.2852

#1	-.00004	-.00030	.15706	.00054	.00017	.00865	.02215
#2	.00004	-.00026	.16901	.00120	.00033	.00914	.02107
#3	.00002	-.00027	.18532	.00083	.00046	.00885	.02296

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00160	.03691	.00174	.00060	-.08437	.00070	.09045
Stddev	.00005	.01949	.00021	.00044	.00804	.00006	.00095
%RSD	3.1036	52.798	12.031	73.215	9.5325	9.0242	1.0478

#1	.00155	.02811	.00197	.00104	-.07520	.00071	.08990
#2	.00165	.05925	.00166	.00018	-.08769	.00076	.08991
#3	.00159	.02337	.00158	.00057	-.09022	.00063	.09155

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18827	-.00081	.00363	.02550	.05092	-.00280	.00288
Stddev	.02049	.00022	.00383	.00166	.00153	.00010	.00164
%RSD	10.883	26.696	105.71	6.4972	3.0100	3.5647	56.796

#1	.17368	-.00090	.00069	.02546	.05010	-.00269	.00158
#2	.21169	-.00096	.00223	.02386	.04998	-.00285	.00235
#3	.17942	-.00056	.00796	.02717	.05269	-.00287	.00472

Sample Name: K3145-01MSD Acquired: 6/3/2019 17:06:58 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.01496	-0.0007	.00037	1.9654	F<.00000
Stddev	.00068	.0014	.00008	.2929	.22817
%RSD	4.5422	183.0	20.752	14.904	10.124

#1	-0.01432	-0.0017	.00037	1.6690	-2.1949
#2	-0.01567	.0008	.00044	1.9725	-2.0609
#3	-0.01487	-0.0013	.00029	2.2547	-2.5057

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4024.4	49599.	4528.1	48.206	4560.9
Stddev	3.1	142.	34.7	.769	5.4
%RSD	.07788	.28672	.76697	1.5949	.11940

#1	4021.9	49493.	4561.1	47.623	4556.2
#2	4023.3	49761.	4531.3	49.077	4566.8
#3	4027.9	49544.	4491.9	47.918	4559.6

Sample Name: K3145-01A Acquired: 6/3/2019 17:11:25 Type: Unk
Method: P4-ICP2(v3167) 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	-.00048	-.00227	-.00963	-.00251	.00357	.07734	.01587
Stddev	.00035	.00099	.00093	.00079	.00180	.00827	.00111
%RSD	73.786	43.653	9.6276	31.279	50.391	10.696	7.0136

#1	-.00084	-.00155	-.01009	-.00339	.00228	.07746	.01524
#2	-.00013	-.00186	-.00857	-.00188	.00563	.08555	.01716
#3	-.00047	-.00340	-.01024	-.00226	.00281	.06900	.01522

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00025	.14884	.00069	.00029	.00894	.02021
Stddev	.00002	.00002	.01548	.00034	.00014	.00034	.00043
%RSD	30.010	8.4444	10.399	48.243	48.312	3.7630	2.1431

#1	-.00009	-.00026	.13098	.00103	.00045	.00930	.02066
#2	-.00009	-.00023	.15722	.00036	.00024	.00863	.02018
#3	-.00005	-.00027	.15832	.00070	.00018	.00890	.01980

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00157	-.02089	.00201	.00058	-.08495	.00082	.07563
Stddev	.00005	.00921	.00033	.00044	.01535	.00032	.00030
%RSD	3.4769	44.093	16.583	75.319	18.073	38.757	.40019

#1	.00163	-.02893	.00186	.00073	-.08003	.00061	.07590
#2	.00156	-.01084	.00239	.00009	-.10217	.00067	.07530
#3	.00152	-.02290	.00177	.00093	-.07267	.00119	.07568

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18329	-.00077	-.00136	.02525	.04945	-.00267	.00347
Stddev	.04960	.00023	.00849	.00157	.00162	.00020	.00213
%RSD	27.059	30.269	624.07	6.2181	3.2694	7.3679	61.348

#1	.19440	-.00054	-.01077	.02355	.05053	-.00248	.00550
#2	.12908	-.00077	.00098	.02664	.04759	-.00287	.00365
#3	.22639	-.00101	.00571	.02557	.05023	-.00265	.00126

Sample Name: K3145-01A Acquired: 6/3/2019 17:11:25 Type: Unk
Method: P4-ICP2(v3167) 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	-.01273	-.0014	.00029	2.5762	F<.00000
Stddev	.00043	.0009	.00005	.2351	.17391
%RSD	3.3513	67.86	18.687	9.1272	7.6610

#1	-.01262	-.0004	.00036	2.5709	-2.2335
#2	-.01320	-.0016	.00025	2.8139	-2.1173
#3	-.01236	-.0022	.00027	2.3438	-2.4593

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4027.2	49620.	4541.6	47.503	4564.2
Stddev	14.6	100.	68.5	1.328	17.6
%RSD	.36316	.20208	1.5091	2.7948	.38599

#1	4036.2	49595.	4523.3	47.575	4565.7
#2	4035.0	49535.	4617.5	48.793	4581.0
#3	4010.3	49731.	4484.1	46.141	4545.9

Sample Name: K3145-02 Acquired: 6/3/2019 17:15:51 Type: Unk
Method: P4-ICP2(v3167) 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	.00422	-.00250	.01950	-.00180	.00481	.09585	.10131	-.00012
Stddev	.00206	.00121	.00120	.00018	.00072	.01162	.00176	.00005
%RSD	48.695	48.272	6.1360	9.8668	14.988	12.121	1.7366	44.226
#1	.00649	-.00361	.01937	-.00176	.00561	.08711	.09956	-.00017
#2	.00370	-.00122	.01837	-.00199	.00462	.10904	.10129	-.00008
#3	.00248	-.00266	.02075	-.00164	.00420	.09140	.10308	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	52.309	.00390	-.00002	.10998	-.07758	.00140	36.170
Stddev	.00013	.171	.00014	.00013	.00052	.00096	.00002	.535
%RSD	56.794	.32652	3.4912	815.15	.47386	1.2362	1.3710	1.4784
#1	-.00027	52.134	.00406	.00013	.11052	-.07851	.00139	35.628
#2	-.00009	52.476	.00380	-.00005	.10948	-.07660	.00142	36.187
#3	-.00035	52.318	.00385	-.00013	.10995	-.07764	.00139	36.697
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	.00062	208.25	.06622	.15849	25.282	.00497	.42278
Stddev	.00055	.00004	1.28	.00058	.00081	.165	.00022	.01785
%RSD	56.308	5.9415	.61408	.87713	.51173	.65166	4.3983	4.2212
#1	.00154	.00058	207.31	.06566	.15940	25.137	.00522	.44172
#2	.00097	.00064	207.74	.06620	.15822	25.248	.00482	.42032
#3	.00043	.00065	209.71	.06682	.15785	25.461	.00488	.40628
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6988	F 72.640	-.00388	.00290	.04888	.0004	.64007	5.9221
Stddev	.0411	.810	.00087	.00129	.00308	.0008	.00329	.1831
%RSD	.42354	1.1149	22.509	44.381	6.2911	212.0	.51370	3.0918
#1	9.7456	73.266	-.00325	.00314	.05237	.0012	.64223	6.0932
#2	9.6820	72.930	-.00488	.00406	.04769	-.0004	.64169	5.9441
#3	9.6688	71.725	-.00351	.00151	.04658	.0003	.63629	5.7290

Sample Name: K3145-02 Acquired: 6/3/2019 17:15:51 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .10634
%RSD 12.229

#1 -.82479
#2 -.79289
#3 -.99094

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3711.7	45045.	4410.5	45.413	3888.5
Stddev	3.6	296.	32.6	.707	14.5
%RSD	.09775	.65669	.73842	1.5569	.37418

#1	3707.8	45189.	4377.9	45.173	3872.6
#2	3712.3	45241.	4410.6	46.208	3891.6
#3	3715.0	44705.	4443.0	44.857	3901.2

Sample Name: K3145-03 Acquired: 6/3/2019 17:20:12 Type: Unk
Method: P4-ICP2(v3167) 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	.00333	-.00224	.01843	-.00242	.00497	.05220	.09710
Stddev	.00115	.00106	.00086	.00154	.00073	.01026	.00069
%RSD	34.653	47.398	4.6894	63.806	14.633	19.644	.71332

#1	.00417	-.00120	.01752	-.00420	.00579	.05968	.09654
#2	.00201	-.00220	.01924	-.00164	.00472	.04051	.09788
#3	.00380	-.00332	.01853	-.00142	.00440	.05643	.09688

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00015	48.045	.00392	.00019	.01236	-.07968
Stddev	.00004	.00003	.028	.00043	.00006	.00019	.00075
%RSD	68.913	21.283	.05777	11.080	31.635	1.5041	.94268

#1	-.00001	-.00019	48.053	.00439	.00020	.01245	-.08012
#2	-.00008	-.00013	48.067	.00385	.00013	.01249	-.07881
#3	-.00006	-.00014	48.014	.00353	.00026	.01215	-.08011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	35.133	.00143	.00057	202.28	.06445	.03496
Stddev	.00002	.261	.00023	.00049	.30	.00092	.00027
%RSD	1.6136	.74268	15.682	85.425	.14839	1.4328	.76751

#1	.00100	35.043	.00140	.00114	201.94	.06523	.03483
#2	.00103	35.427	.00123	.00026	202.51	.06468	.03478
#3	.00099	34.929	.00167	.00032	202.38	.06343	.03527

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.108	.00513	.40778	9.6913	F 71.088	-.00514	.00125
Stddev	.129	.00013	.01370	.0712	.339	.00060	.00080
%RSD	.51389	2.6042	3.3607	.73448	.47699	11.623	64.116

#1	25.072	.00499	.39687	9.6891	71.478	-.00528	.00177
#2	25.001	.00526	.42316	9.6213	70.866	-.00448	.00165
#3	25.251	.00514	.40330	9.7636	70.919	-.00565	.00033

Sample Name: K3145-03 Acquired: 6/3/2019 17:20:12 Type: Unk
 Method: P4-ICP2(v3167) 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	.04703	-.0010	.62352	5.8218	F<.00000
Stddev	.00088	.0027	.00140	.1372	.27254
%RSD	1.8776	267.1	.22518	2.3567	20.539

#1	.04601	-.0037	.62444	5.7339	-1.1429
#2	.04763	.0016	.62190	5.7516	-1.1979
#3	.04743	-.0008	.62421	5.9799	-1.6401

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3708.6	44914.	4359.9	44.813	3885.0
Stddev	7.1	91.	25.4	.642	20.4
%RSD	.19279	.20239	.58237	1.4326	.52605

#1	3716.6	44835.	4330.6	44.290	3885.3
#2	3706.2	44893.	4374.2	44.620	3905.2
#3	3703.0	45013.	4374.8	45.529	3864.4

Sample Name: K2641-17 Acquired: 6/3/2019 17:24:36 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02105	-.01762	.24479	-.02008	.01284	124.00	.65661	.00921
Stddev	.00126	.00090	.00130	.00124	.00107	.16	.00251	.00003
%RSD	5.9850	5.1339	.52916	6.1809	8.3305	.12703	.38244	.31135

#1	.02178	-.01760	.24329	-.01866	.01306	123.98	.65561	.00922
#2	.01960	-.01853	.24554	-.02096	.01168	124.16	.65947	.00918
#3	.02177	-.01672	.24553	-.02062	.01379	123.85	.65476	.00923

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00334	146.70	.18162	.11657	.51721	178.81	2.9557	81.862
Stddev	.00007	1.26	.00061	.00043	.00177	.36	.0059	.459
%RSD	2.0405	.86154	.33773	.36800	.34172	.20228	.20081	.56082

#1	-.00339	146.46	.18226	.11610	.51810	178.41	2.9591	81.484
#2	-.00337	145.58	.18155	.11694	.51518	178.90	2.9488	82.373
#3	-.00326	148.07	.18104	.11666	.51836	179.12	2.9591	81.728

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23412	-.00532	7.9059	.34523	.60748	24.011	.00042	-.07447
Stddev	.00220	.00035	.0284	.00186	.00270	.196	.00059	.01038
%RSD	.94002	6.6725	.35961	.53963	.44404	.81698	140.41	13.941

#1	.23661	-.00572	7.9380	.34731	.60957	24.207	.00108	-.06254
#2	.23332	-.00513	7.8958	.34372	.60843	24.012	.00027	-.07937
#3	.23244	-.00510	7.8839	.34466	.60443	23.814	-.00008	-.08149

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7498	2.4059	.01477	5.7257	.15053	F 17.13	.01508	2.0463
Stddev	.0085	.0460	.00094	.0376	.00147	.05	.00058	.1476
%RSD	.17872	1.9113	6.3587	.65734	.97388	.2977	3.8137	7.2117

#1	4.7474	2.4111	.01500	5.6982	.15193	17.14	.01444	2.2145
#2	4.7428	2.3576	.01373	5.7104	.14901	17.17	.01527	1.9384
#3	4.7592	2.4491	.01556	5.7686	.15065	17.07	.01554	1.9861

Sample Name: K2641-17 Acquired: 6/3/2019 17:24:36 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.205
 Stddev .722
 %RSD 7.0712

#1 9.7931
 #2 9.7830
 #3 11.038

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4163.3	51157.	5145.3	43.740	3699.4
Stddev	4.2	138.	61.6	1.328	9.0
%RSD	.09997	.27062	1.1981	3.0361	.24302

#1	4158.5	50997.	5129.3	43.308	3691.4
#2	4166.0	51230.	5213.4	45.230	3697.5
#3	4165.4	51243.	5093.3	42.681	3709.1

Sample Name: K3093-02DLX2 Acquired: 6/3/2019 17:29:01 Type: Unk
Method: P4-ICP2(v3167) 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	-.04003	.00607	-.09408	-.15614	.02468	.17352	.02619	.02321
Stddev	.00399	.00051	.00274	.00142	.00100	.00412	.00077	.00023
%RSD	9.9617	8.3806	2.9171	.91105	4.0572	2.3744	2.9488	.98088
#1	-.04445	.00580	-.09100	-.15723	.02353	.17185	.02656	.02295
#2	-.03671	.00576	-.09500	-.15453	.02537	.17050	.02530	.02336
#3	-.03893	.00666	-.09625	-.15666	.02515	.17821	.02670	.02331
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00507	97.978	.05916	.02159	.32262	568.95	2.9976	-.19599
Stddev	.00022	.285	.00045	.00023	.00261	1.57	.0041	.01728
%RSD	4.3471	.29053	.75254	1.0520	.80848	.27661	.13734	8.8191
#1	-.00482	97.860	.05960	.02160	.32541	568.51	2.9999	-.21595
#2	-.00513	97.771	.05917	.02137	.32024	567.64	3.0000	-.18583
#3	-.00525	98.302	.05871	.02182	.32222	570.69	2.9928	-.18620
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01115	-.05549	3.2646	.00458	2.0978	.46963	.01180	-.75084
Stddev	.00103	.00090	.0104	.00075	.0042	.05417	.00037	.03322
%RSD	9.2186	1.6257	.31880	16.429	.20188	11.535	3.1199	4.4241
#1	.01019	-.05488	3.2542	.00525	2.1010	.44626	.01162	-.78420
#2	.01224	-.05653	3.2750	.00472	2.0995	.43108	.01156	-.75056
#3	.01102	-.05507	3.2646	.00377	2.0930	.53157	.01222	-.71777
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37081	.23334	.01072	.00676	-.00809	.0676	-.60603	<.00000
Stddev	.00058	.00610	.00124	.00177	.00124	.0001	.00174	.20484
%RSD	.15662	2.6139	11.598	26.167	15.383	.1329	.28647	13.273
#1	.37038	.23032	.01204	.00671	-.00943	.0675	-.60547	-1.5586
#2	.37147	.24036	.00957	.00855	-.00786	.0676	-.60464	-1.7402
#3	.37057	.22933	.01055	.00501	-.00697	.0676	-.60798	-1.3314

Sample Name: K3093-02DLX2 Acquired: 6/3/2019 17:29:01 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

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

#1 ^ -----
#2 ^ -----
#3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3682.1	45153.	4291.0	41.905	3804.9
Stddev	6.0	31.	15.4	1.941	2.1
%RSD	.16397	.06801	.35983	4.6329	.05633

#1	3678.7	45139.	4308.0	43.625	3803.5
#2	3689.1	45131.	4278.0	42.291	3803.9
#3	3678.6	45188.	4286.9	39.800	3807.4

Sample Name: CCV05 Acquired: 6/3/2019 18:05:26 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8636	4.5825	4.7241	5.0425	5.1260	9.8557	10.653
Stddev	.0038	.0157	.0067	.0057	.0089	.0841	.016
%RSD	.07885	.34159	.14129	.11275	.17419	.85351	.14841

#1	4.8664	4.5720	4.7192	5.0491	5.1308	9.8108	10.636
#2	4.8651	4.5751	4.7213	5.0393	5.1157	9.9527	10.667
#3	4.8592	4.6005	4.7317	5.0391	5.1315	9.8035	10.657

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24773	2.3364	25.277	1.0254	2.4474	1.2563	4.8010
Stddev	.00068	.0024	.036	.0015	.0016	.0004	.0033
%RSD	.27435	.10425	.14200	.14636	.06404	.03611	.06893

#1	.24823	2.3345	25.263	1.0250	2.4486	1.2567	4.7990
#2	.24695	2.3355	25.318	1.0241	2.4479	1.2562	4.8048
#3	.24799	2.3391	25.250	1.0271	2.4456	1.2558	4.7991

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5369	24.372	2.3116	1.2254	24.706	2.5168	2.4949
Stddev	.0047	.213	.0056	.0008	.023	.0018	.0013
%RSD	.18591	.87256	.24279	.06379	.09339	.07201	.05212

#1	2.5315	24.149	2.3147	1.2247	24.687	2.5170	2.4958
#2	2.5401	24.573	2.3051	1.2262	24.731	2.5184	2.4934
#3	2.5392	24.394	2.3149	1.2253	24.699	2.5148	2.4954

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.629	4.8850	4.9666	5.0874	4.7712	4.6954	4.9838
Stddev	.157	.0045	.0267	.0106	.0261	.0044	.0151
%RSD	.63768	.09177	.53765	.20808	.54737	.09367	.30354

#1	24.562	4.8865	4.9417	5.0758	4.7686	4.6920	4.9710
#2	24.808	4.8800	4.9948	5.0897	4.7465	4.7003	5.0005
#3	24.515	4.8886	4.9632	5.0966	4.7986	4.6937	4.9799

Sample Name: CCV05 Acquired: 6/3/2019 18:05:26 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9792	F 5.969	4.8250	F 6.2671	F<.00000
Stddev	.0254	.003	.0293	.2075	.11108
%RSD	.50922	.0549	.60781	3.3110	64.391
#1	5.0040	5.966	4.8404	6.5039	-.04743
#2	4.9533	5.968	4.7912	6.1805	-.25966
#3	4.9804	5.973	4.8433	6.1169	-.21045
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3717.1	44700.	4263.2	43.473	3867.1
Stddev	9.9	75.	20.6	.917	6.9
%RSD	.26551	.16751	.48300	2.1088	.17833
#1	3706.3	44743.	4250.2	42.595	3859.6
#2	3719.5	44614.	4286.9	44.424	3868.3
#3	3725.6	44745.	4252.5	43.401	3873.2

Sample Name: CCB05 Acquired: 6/3/2019 18:15:27 Type: Unk
Method: P4-ICP2(v3167) 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	.00131	-.00299	.00147	-.00268	.00438	-.01977	.01611
Stddev	.00157	.00055	.00065	.00051	.00014	.00730	.00041
%RSD	119.85	18.555	44.171	18.977	3.2740	36.941	2.5460

#1	-.00050	-.00332	.00086	-.00315	.00429	-.02480	.01642
#2	.00220	-.00235	.00141	-.00275	.00429	-.01139	.01564
#3	.00223	-.00330	.00215	-.00214	.00454	-.02311	.01625

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00023	-.01291	.00031	.00027	.00316	-.00464
Stddev	.00007	.00003	.00510	.00059	.00015	.00039	.00092
%RSD	489.05	13.759	39.478	193.49	57.002	12.407	19.887

#1	-.00005	-.00024	-.01094	.00097	.00013	.00325	-.00394
#2	.00006	-.00019	-.01869	.00013	.00043	.00349	-.00569
#3	-.00005	-.00025	-.00909	-.00018	.00025	.00273	-.00429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.01324	.00104	.00035	-.13438	.00089	-.00027
Stddev	.00006	.05981	.00049	.00052	.00187	.00014	.00007
%RSD	46.232	451.85	47.404	150.07	1.3903	16.025	25.789

#1	-.00007	-.08164	.00050	.00026	-.13643	.00076	-.00024
#2	-.00011	.02924	.00117	.00091	-.13277	.00086	-.00022
#3	-.00018	.01269	.00146	-.00013	-.13393	.00104	-.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11611	-.00079	-.00322	.00077	-.00617	-.00091	.00512
Stddev	.02688	.00015	.00644	.00518	.00069	.00067	.00195
%RSD	23.147	18.492	199.96	670.11	11.265	73.059	38.026

#1	.08814	-.00067	.00162	-.00196	-.00632	-.00054	.00545
#2	.11845	-.00073	-.00075	-.00247	-.00541	-.00051	.00303
#3	.14174	-.00095	-.01053	.00675	-.00678	-.00168	.00688

Sample Name: CCB05 Acquired: 6/3/2019 18:15:27 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00780	F -0.0106	-0.00040	F 4.0123	F<.00000
Stddev	.00091	.0010	.00005	.3066	.14341
%RSD	11.623	9.752	11.946	7.6417	6.8414

#1	-0.00678	-0.0102	-0.00046	4.1391	-2.0569
#2	-0.00813	-0.0099	-0.00037	4.2350	-2.2552
#3	-0.00850	-0.0118	-0.00038	3.6626	-1.9765

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3875.0	46786.	4251.4	44.708	4332.5
Stddev	5.6	28.	38.3	.754	9.3
%RSD	.14445	.05937	.90041	1.6869	.21436

#1	3869.2	46812.	4282.4	45.075	4326.2
#2	3875.4	46757.	4263.2	45.209	4328.1
#3	3880.3	46787.	4208.6	43.841	4343.1

Sample Name: K2641-19 Acquired: 6/3/2019 18:19:56 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03433	-.01124	.44764	-.02393	.01175	144.97	.63832	.01117
Stddev	.00089	.00130	.00334	.00167	.00187	5.48	.02515	.00046
%RSD	2.6041	11.552	.74709	6.9602	15.942	3.7819	3.9396	4.1251

#1	.03426	-.00975	.44401	-.02227	.01052	151.29	.66735	.01168
#2	.03347	-.01189	.44832	-.02391	.01082	141.56	.62377	.01101
#3	.03525	-.01209	.45059	-.02561	.01391	142.05	.62383	.01080

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00331	111.37	.17599	.11416	.42994	198.59	3.0967	49.023
Stddev	.00080	.96	.00864	.00058	.00189	6.63	.1495	1.914
%RSD	24.145	.86045	4.9094	.51048	.43909	3.3410	4.8264	3.9037

#1	-.00424	112.43	.18566	.11375	.42779	206.22	3.2692	51.228
#2	-.00287	110.58	.17330	.11389	.43070	194.13	3.0143	48.047
#3	-.00283	111.08	.16902	.11482	.43132	195.44	3.0066	47.794

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16429	-.00732	18.594	.46098	1.2900	10.143	-.00041	-.07427
Stddev	.00087	.00121	.745	.02100	.0064	.362	.00014	.01108
%RSD	.52880	16.544	4.0094	4.5550	.49830	3.5670	33.867	14.919

#1	.16389	-.00840	19.454	.48492	1.2830	10.556	-.00025	-.08118
#2	.16369	-.00756	18.150	.45234	1.2914	9.8865	-.00047	-.08012
#3	.16529	-.00601	18.177	.44569	1.2957	9.9848	-.00051	-.06149

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2882	2.6558	.07149	3.4893	.10174	7.273	.04587	2.7914
Stddev	.0234	.0637	.00104	.0125	.00133	.032	.00916	1.0533
%RSD	.54611	2.4001	1.4573	.35894	1.3085	.4428	19.978	37.735

#1	4.2613	2.5895	.07250	3.4955	.10031	7.237	.03534	3.9465
#2	4.3036	2.7167	.07042	3.4975	.10196	7.284	.05204	1.8840
#3	4.2998	2.6611	.07154	3.4749	.10294	7.298	.05022	2.5437

Sample Name: K2641-19 Acquired: 6/3/2019 18:19:56 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.2896
 Stddev .3218
 %RSD 5.1163

#1 6.1308
 #2 6.6599
 #3 6.0780

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4148.9	49330.	5049.7	43.465	3758.9
Stddev	8.2	1961.	4.8	1.525	18.2
%RSD	.19849	3.9759	.09498	3.5082	.48527

#1	4153.6	47065.	5053.4	42.979	3779.9
#2	4139.4	50484.	5051.4	45.173	3749.5
#3	4153.7	50440.	5044.3	42.242	3747.2

Sample Name: K2641-21 Acquired: 6/3/2019 18:24:22 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03010	-.01533	.34944	-.02014	.01099	109.93	.56527	.00932
Stddev	.00279	.00133	.00308	.00328	.00182	.24	.00247	.00001
%RSD	9.2682	8.6976	.88102	16.283	16.541	.21435	.43700	.07117
#1	.03219	-.01459	.34745	-.01953	.00973	110.11	.56349	.00932
#2	.03118	-.01453	.35298	-.02369	.01307	109.66	.56422	.00931
#3	.02693	-.01687	.34788	-.01721	.01017	110.00	.56809	.00932
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00250	130.05	.19930	.09730	.23231	162.06	2.3656	48.795
Stddev	.00021	.49	.00021	.00111	.00060	.65	.0087	.357
%RSD	8.5110	.37664	.10674	1.1378	.25998	.39974	.36620	.73147
#1	-.00249	130.01	.19937	.09648	.23285	162.62	2.3748	48.409
#2	-.00230	129.57	.19906	.09856	.23240	162.21	2.3646	48.862
#3	-.00272	130.55	.19947	.09686	.23166	161.35	2.3576	49.114
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14764	-.00552	34.280	.31702	.56016	16.681	-.00002	-.05126
Stddev	.00107	.00038	.040	.00044	.00227	.072	.00029	.00705
%RSD	.72361	6.8683	.11686	.14009	.40473	.43142	1239.7	13.745
#1	.14652	-.00531	34.274	.31697	.55824	16.715	-.00015	-.05301
#2	.14865	-.00529	34.322	.31749	.56266	16.730	-.00022	-.04351
#3	.14774	-.00595	34.243	.31661	.55959	16.598	.00031	-.05727
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.330	2.0937	.01501	3.8724	.11650	8.006	.13578	1.6082
Stddev	.064	.0256	.00037	.0100	.00209	.053	.00236	.0717
%RSD	.56631	1.2214	2.4582	.25760	1.7931	.6666	1.7375	4.4577
#1	11.335	2.0865	.01539	3.8722	.11530	7.975	.13534	1.5761
#2	11.391	2.0726	.01497	3.8825	.11528	8.068	.13368	1.5581
#3	11.263	2.1222	.01466	3.8625	.11891	7.976	.13833	1.6903

Sample Name: K2641-21 Acquired: 6/3/2019 18:24:22 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.7372
Stddev	.7823
%RSD	10.111

#1	7.4818
#2	8.6153
#3	7.1146

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4215.4	50870.	5144.9	43.037	3758.0
Stddev	8.0	95.	36.2	1.541	25.7
%RSD	.18984	.18590	.70426	3.5799	.68257

#1	4224.6	50774.	5138.5	42.405	3782.4
#2	4211.0	50963.	5183.9	44.793	3731.2
#3	4210.6	50873.	5112.3	41.912	3760.4

Sample Name: K3135-01 Acquired: 6/3/2019 18:28:47 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ROLL-OFF-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04032	-.02144	.21435	-.06028	.01891	195.50	1.8291	.02621
Stddev	.00181	.00082	.00177	.00459	.00161	.75	.0100	.00014
%RSD	4.4827	3.8295	.82778	7.6153	8.5029	.38458	.54818	.53975
#1	.04223	-.02227	.21421	-.06522	.02066	194.73	1.8189	.02606
#2	.03864	-.02144	.21265	-.05615	.01750	196.23	1.8389	.02621
#3	.04009	-.02062	.21619	-.05948	.01857	195.53	1.8294	.02635
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	318.90	.29630	.27972	.45950	295.20	10.268	160.42
Stddev	.00020	1.46	.00142	.00019	.00019	.76	.041	.91
%RSD	10.975	.45735	.48044	.06644	.04191	.25713	.40309	.56780
#1	.00169	320.43	.29579	.27976	.45936	295.54	10.278	159.37
#2	.00207	318.74	.29791	.27989	.45941	295.74	10.304	161.03
#3	.00177	317.53	.29520	.27952	.45972	294.34	10.223	160.85
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50961	-.01936	12.107	.77612	1.3846	23.484	-.00006	.07973
Stddev	.00160	.00043	.032	.00257	.0035	.143	.00009	.00669
%RSD	.31376	2.2009	.26114	.33127	.25406	.60700	152.46	8.3940
#1	.50842	-.01922	12.109	.77765	1.3886	23.336	-.00008	.07263
#2	.51143	-.01984	12.137	.77755	1.3820	23.620	.00004	.08061
#3	.50899	-.01903	12.074	.77315	1.3832	23.497	-.00013	.08593
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7378	1.7123	.01479	3.8784	.58668	F 10.49	.03553	<.00000
Stddev	.0010	.0160	.00089	.0008	.00029	.04	.00175	.14933
%RSD	.01085	.93501	6.0074	.01965	.05000	.3399	4.9129	38.853
#1	8.7375	1.7247	.01427	3.8777	.58700	10.48	.03741	-.24855
#2	8.7389	1.6942	.01429	3.8783	.58643	10.53	.03396	-.36019
#3	8.7370	1.7179	.01582	3.8792	.58661	10.46	.03522	-.54426

Sample Name: K3135-01 Acquired: 6/3/2019 18:28:47 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ROLL-OFF-COM Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.0753
 Stddev .8889
 %RSD 9.7942

#1 8.0568
 #2 9.6946
 #3 9.4744

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4142.0	50297.	5146.1	41.516	3441.0
Stddev	15.0	242.	59.3	1.513	11.6
%RSD	.36108	.48180	1.1522	3.6440	.33743

#1	4126.3	50183.	5081.2	40.448	3427.6
#2	4156.1	50132.	5159.9	40.853	3448.4
#3	4143.6	50575.	5197.3	43.247	3447.0

Sample Name: K3138-02 Acquired: 6/3/2019 18:33:21 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-11-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	.03397	-.01211	.17353	-.02438	.00858	165.96	1.7601	.01385
Stddev	.00039	.00102	.00084	.00374	.00103	.50	.0048	.00018
%RSD	1.1346	8.3858	.48548	15.342	11.978	.29828	.27188	1.3328
#1	.03360	-.01319	.17292	-.02206	.00743	166.12	1.7589	.01365
#2	.03395	-.01195	.17317	-.02870	.00941	166.36	1.7654	.01402
#3	.03437	-.01118	.17449	-.02239	.00890	165.41	1.7561	.01387
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00546	118.68	.65484	.29884	.28881	193.41	3.1641	71.459
Stddev	.00012	.81	.00582	.00154	.00063	.67	.0077	.382
%RSD	2.1538	.68576	.88877	.51542	.21921	.34836	.24397	.53470
#1	-.00551	118.10	.65060	.29735	.28808	193.04	3.1622	71.637
#2	-.00555	118.33	.66148	.29875	.28916	194.18	3.1726	71.719
#3	-.00533	119.61	.65244	.30042	.28919	192.99	3.1575	71.020
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4146	-.00701	3.0874	.35265	.65242	10.768	.00192	-.06015
Stddev	.0045	.00084	.0117	.00179	.00158	.034	.00011	.01957
%RSD	.18754	11.911	.37840	.50728	.24166	.31288	5.7125	32.541
#1	2.4098	-.00626	3.0879	.35147	.65067	10.765	.00194	-.07785
#2	2.4152	-.00791	3.0988	.35470	.65288	10.803	.00203	-.03913
#3	2.4188	-.00688	3.0755	.35176	.65372	10.736	.00181	-.06348
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.943	3.7130	.00598	2.6848	.21351	3.757	.05195	2.0034
Stddev	.014	.0379	.00066	.0109	.00260	.010	.00342	.3102
%RSD	.05608	1.0219	11.022	.40685	1.2157	.2625	6.5853	15.484
#1	24.928	3.6692	.00670	2.6722	.21484	3.748	.05081	2.3130
#2	24.948	3.7335	.00583	2.6908	.21517	3.757	.04925	1.6926
#3	24.955	3.7363	.00541	2.6914	.21052	3.767	.05580	2.0045

Sample Name: K3138-02 Acquired: 6/3/2019 18:33:21 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-11-COMP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.8495
Stddev	.9616
%RSD	14.038

#1	5.9918
#2	7.8890
#3	6.6678

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4023.7	48689.	4918.7	44.375	3740.3
Stddev	4.6	172.	35.7	.657	4.4
%RSD	.11459	.35235	.72553	1.4812	.11700

#1	4027.4	48604.	4924.3	44.096	3744.4
#2	4018.6	48576.	4951.3	43.903	3740.8
#3	4025.2	48886.	4880.6	45.126	3735.7

Sample Name: K3138-04 Acquired: 6/3/2019 18:37:47 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-10-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02769	-.00806	.06927	-.00361	.00473	61.404	1.3645	.00760
Stddev	.00100	.00062	.00066	.00284	.00087	.428	.0153	.00008
%RSD	3.6017	7.7108	.95376	78.557	18.401	.69704	1.1192	.99697
#1	.02870	-.00803	.06871	-.00041	.00407	60.971	1.3475	.00767
#2	.02671	-.00746	.06910	-.00461	.00441	61.827	1.3771	.00752
#3	.02768	-.00870	.07000	-.00582	.00572	61.414	1.3688	.00761
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00156	49.187	.26359	.13997	.28963	88.717	1.2067	55.066
Stddev	.00009	1.104	.00272	.00064	.00108	.487	.0014	.838
%RSD	5.8666	2.2438	1.0315	.45669	.37138	.54852	.11922	1.5218
#1	-.00148	47.933	.26566	.14018	.29067	88.182	1.2077	54.167
#2	-.00166	50.012	.26051	.13925	.28852	88.834	1.2073	55.825
#3	-.00155	49.616	.26459	.14047	.28969	89.134	1.2051	55.207
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7856	-.00178	1.4300	.18648	.61579	6.9557	.00371	.00901
Stddev	.0010	.00038	.0202	.00194	.00152	.0874	.00015	.00522
%RSD	.05832	21.442	1.4128	1.0391	.24759	1.2559	3.9432	57.964
#1	1.7861	-.00219	1.4081	.18761	.61752	6.8911	.00358	.00372
#2	1.7844	-.00170	1.4478	.18424	.61465	7.0551	.00368	.00915
#3	1.7862	-.00145	1.4342	.18758	.61519	6.9209	.00386	.01416
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.055	5.0061	-.00110	1.5445	.11894	4.091	.05316	.48832
Stddev	.019	.0364	.00104	.0355	.00204	.004	.00360	.26351
%RSD	.12703	.72635	95.043	2.3010	1.7152	.1111	6.7738	53.962
#1	15.059	4.9922	-.00178	1.5037	.11660	4.096	.04901	.29188
#2	15.071	4.9788	-.00162	1.5687	.11986	4.089	.05510	.78777
#3	15.034	5.0474	.00010	1.5612	.12036	4.088	.05538	.38531

Sample Name: K3138-04 Acquired: 6/3/2019 18:37:47 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-10-COMP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.4196
Stddev	.3717
%RSD	15.361

#1	2.0423
#2	2.4313
#3	2.7853

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4233.6	51359.	5103.5	45.626	3954.0
Stddev	15.8	126.	96.8	.867	14.2
%RSD	.37365	.24491	1.8960	1.9006	.35916

#1	4216.2	51376.	5211.3	46.616	3937.9
#2	4247.2	51225.	5024.2	45.001	3964.8
#3	4237.2	51475.	5074.9	45.260	3959.3

Sample Name: K3138-06 Acquired: 6/3/2019 18:42:04 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-09-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06787	-.01922	.55361	-.05060	.00713	113.37	.75186	.01942
Stddev	.00197	.00087	.00421	.00430	.00177	.31	.00140	.00018
%RSD	2.9083	4.5125	.75988	8.4918	24.853	.27100	.18581	.92172

#1	.06586	-.02008	.55794	-.04766	.00640	113.15	.75039	.01942
#2	.06796	-.01923	.55335	-.04862	.00583	113.24	.75201	.01925
#3	.06980	-.01834	.54954	-.05553	.00914	113.72	.75317	.01960

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00131	198.03	1.0490	.55914	.46579	281.37	6.2873	145.65
Stddev	.00017	.23	.0021	.00333	.00104	.98	.0271	.45
%RSD	12.972	.11767	.20375	.59599	.22364	.34845	.43116	.30682

#1	.00128	197.91	1.0487	.56299	.46652	282.49	6.3099	145.28
#2	.00116	198.30	1.0512	.55722	.46460	280.64	6.2573	145.52
#3	.00150	197.88	1.0469	.55722	.46626	280.99	6.2947	146.15

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7978	-.01680	19.945	.32251	.89694	23.053	-.00361	-.20557
Stddev	.0421	.00055	.032	.00092	.00573	.080	.00006	.00600
%RSD	.72687	3.2979	.15827	.28377	.63903	.34906	1.7908	2.9175

#1	5.8446	-.01743	19.909	.32181	.90294	23.099	-.00355	-.19866
#2	5.7856	-.01653	19.954	.32217	.89635	22.960	-.00368	-.20856
#3	5.7630	-.01643	19.970	.32354	.89152	23.099	-.00360	-.20948

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3759	2.0553	.09965	3.8541	.23846	8.938	.25973	<.00000
Stddev	.0207	.0037	.00141	.0269	.00303	.046	.00148	.25128
%RSD	.87139	.17900	1.4173	.69734	1.2715	.5101	.56885	31.758

#1	2.3945	2.0560	.10061	3.8233	.23496	8.988	.25862	-.55672
#2	2.3536	2.0586	.09803	3.8730	.24026	8.899	.26140	-.76054
#3	2.3797	2.0514	.10031	3.8659	.24017	8.926	.25915	-1.0565

Sample Name: K3138-06 Acquired: 6/3/2019 18:42:04 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-09-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 11.085
 Stddev .894
 %RSD 8.0637

#1 11.535
 #2 10.055
 #3 11.664

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4119.4	50094.	4991.1	42.784	3570.5
Stddev	7.7	49.	20.6	.198	31.5
%RSD	.18701	.09708	.41248	.46341	.88252

#1	4110.8	50077.	4984.4	42.936	3535.9
#2	4121.8	50056.	4974.8	42.857	3578.0
#3	4125.7	50149.	5014.3	42.560	3597.6

Sample Name: K3138-08 Acquired: 6/3/2019 18:46:37 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-08-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05276	-.01672	.85333	-.02371	.00802	97.911	.86122	.01455
Stddev	.00332	.00159	.00192	.00214	.00334	.534	.00478	.00023
%RSD	6.2902	9.5029	.22456	9.0222	41.661	.54489	.55446	1.5652

#1	.05572	-.01579	.85306	-.02618	.01102	97.295	.85572	.01433
#2	.05338	-.01856	.85537	-.02243	.00442	98.221	.86426	.01479
#3	.04917	-.01582	.85156	-.02252	.00861	98.217	.86369	.01452

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00292	281.04	.30832	.17482	.41275	181.78	6.0126	86.290
Stddev	.00013	1.57	.00223	.00047	.00125	.24	.0381	.770
%RSD	4.3425	.55879	.72375	.27130	.30225	.13196	.63288	.89177

#1	-.00305	280.07	.30599	.17438	.41268	181.94	5.9727	85.786
#2	-.00280	282.85	.31044	.17532	.41154	181.51	6.0484	85.907
#3	-.00290	280.21	.30853	.17475	.41404	181.90	6.0168	87.175

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98007	-.00754	24.909	.26774	.79091	24.182	-.00266	-.05320
Stddev	.00255	.00007	.119	.00188	.00080	.022	.00032	.01227
%RSD	.26048	.89362	.47616	.70186	.10129	.08913	11.973	23.064

#1	.98302	-.00747	24.781	.26726	.79034	24.172	-.00241	-.06064
#2	.97866	-.00761	24.930	.26981	.79182	24.207	-.00301	-.03904
#3	.97854	-.00754	25.015	.26614	.79056	24.167	-.00255	-.05993

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6509	5.1421	.03182	3.3789	.24490	F 10.33	.35957	.97533
Stddev	.0030	.0260	.00070	.0041	.00227	.01	.00337	.15549
%RSD	.11224	.50495	2.1919	.12073	.92840	.1146	.93590	15.943

#1	2.6499	5.1121	.03150	3.3770	.24242	10.32	.35788	.91499
#2	2.6486	5.1580	.03135	3.3761	.24537	10.33	.36345	1.1520
#3	2.6543	5.1562	.03262	3.3835	.24690	10.34	.35740	.85905

Sample Name: K3138-08 Acquired: 6/3/2019 18:46:37 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-08-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.4260
 Stddev .2464
 %RSD 3.3179

#1 7.6540
 #2 7.4595
 #3 7.1646

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4101.6	49795.	5061.6	42.609	3582.8
Stddev	1.0	59.	42.5	1.210	4.1
%RSD	.02317	.11823	.84000	2.8408	.11435

#1	4101.6	49727.	5039.3	43.010	3583.8
#2	4100.6	49823.	5034.9	41.249	3578.3
#3	4102.5	49835.	5110.7	43.569	3586.4

Sample Name: K3138-10 Acquired: 6/3/2019 18:51:11 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-07-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04190	-.01802	.73040	-.04247	.00490	111.72	.87862	.01735
Stddev	.00040	.00091	.00078	.00310	.00305	.65	.00653	.00008
%RSD	.95251	5.0289	.10627	7.2886	62.163	.58036	.74286	.43256
#1	.04227	-.01858	.73092	-.04265	.00368	110.98	.87112	.01741
#2	.04148	-.01698	.72951	-.04547	.00837	112.03	.88297	.01727
#3	.04197	-.01851	.73077	-.03929	.00265	112.16	.88178	.01737
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00245	303.44	.91506	.54973	.49527	260.66	6.5690	199.56
Stddev	.00017	2.07	.00524	.00121	.00211	1.49	.0480	1.03
%RSD	6.9241	.68155	.57290	.22013	.42631	.57283	.73130	.51477
#1	-.00249	301.16	.92101	.55067	.49445	259.43	6.5690	198.63
#2	-.00226	303.97	.91307	.55016	.49369	260.23	6.6170	199.38
#3	-.00260	305.20	.91111	.54837	.49767	262.32	6.5209	200.66
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7819	-.01355	31.145	.27430	.99873	23.575	-.00321	-.17528
Stddev	.0192	.00017	.140	.00192	.00499	.144	.00041	.01468
%RSD	.28374	1.2834	.45089	.70091	.49991	.61266	12.903	8.3751
#1	6.7882	-.01350	31.006	.27611	1.0022	23.409	-.00343	-.16462
#2	6.7973	-.01340	31.141	.27228	1.0010	23.664	-.00347	-.16918
#3	6.7603	-.01374	31.287	.27450	.99301	23.654	-.00273	-.19202
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4530	4.6175	.04055	3.2659	.24586	9.343	.54347	1.2547
Stddev	.0089	.0363	.00088	.0246	.00209	.009	.00463	.2429
%RSD	.36128	.78679	2.1616	.75462	.84827	.0984	.85116	19.356
#1	2.4629	4.5924	.04103	3.2399	.24431	9.346	.53842	1.4026
#2	2.4503	4.6592	.03953	3.2689	.24503	9.350	.54750	1.3871
#3	2.4458	4.6009	.04107	3.2889	.24823	9.333	.54449	.97443

Sample Name: K3138-10 Acquired: 6/3/2019 18:51:11 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-07-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.5475
 Stddev .4794
 %RSD 5.6086

#1 8.7484
 #2 8.0004
 #3 8.8938

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3958.9	48045.	4925.7	40.279	3465.9
Stddev	5.2	136.	20.6	1.470	12.6
%RSD	.13034	.28369	.41840	3.6506	.36270

#1	3962.3	48187.	4947.4	38.586	3464.0
#2	3952.9	47915.	4906.4	41.013	3454.4
#3	3961.4	48033.	4923.2	41.238	3479.3

Sample Name: K3139-03 Acquired: 6/3/2019 18:55:43 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1A-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02049	-.00639	.20733	-.00773	.00844	50.108	.20276	.00533
Stddev	.00154	.00095	.00123	.00054	.00314	.117	.00105	.00002
%RSD	7.5019	14.812	.59260	6.9458	37.275	.23287	.51717	.32857

#1	.01881	-.00593	.20824	-.00724	.00481	49.993	.20328	.00532
#2	.02184	-.00576	.20593	-.00764	.01004	50.226	.20345	.00533
#3	.02082	-.00748	.20782	-.00830	.01046	50.106	.20156	.00535

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00348	21.508	.05234	.03829	.14502	91.884	2.2954	15.045
Stddev	.00008	.019	.00010	.00026	.00065	.100	.0014	.182
%RSD	2.1805	.09026	.19933	.67265	.44562	.10829	.05894	1.2096

#1	-.00341	21.530	.05230	.03857	.14571	91.770	2.2967	15.184
#2	-.00345	21.495	.05246	.03806	.14492	91.956	2.2955	14.839
#3	-.00356	21.498	.05227	.03825	.14443	91.925	2.2940	15.111

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07057	-.00193	1.4936	.09744	.50316	3.2606	-.00070	-.03008
Stddev	.00008	.00071	.0050	.00103	.00173	.0386	.00022	.02106
%RSD	.11147	37.010	.33325	1.0536	.34474	1.1842	30.868	69.998

#1	.07065	-.00227	1.4975	.09857	.50459	3.2895	-.00091	-.04957
#2	.07049	-.00111	1.4880	.09720	.50368	3.2167	-.00048	-.00774
#3	.07058	-.00241	1.4953	.09656	.50123	3.2756	-.00071	-.03294

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24482	2.4131	.00775	1.1632	.07016	2.933	-.05045	1.4846
Stddev	.00278	.0311	.00047	.0106	.00187	.016	.00034	.1720
%RSD	1.1357	1.2890	6.0065	.91321	2.6585	.5286	.66691	11.587

#1	.24603	2.4152	.00758	1.1626	.07167	2.945	-.05009	1.4271
#2	.24679	2.4430	.00739	1.1741	.07074	2.939	-.05050	1.6779
#3	.24164	2.3809	.00828	1.1529	.06808	2.915	-.05075	1.3486

Sample Name: K3139-03 Acquired: 6/3/2019 18:55:43 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1A-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.5501
 Stddev .1369
 %RSD 3.8561

#1 3.3954
 #2 3.6556
 #3 3.5993

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4105.2	48947.	4699.7	45.361	4150.9
Stddev	8.2	148.	29.9	.428	14.6
%RSD	.19980	.30164	.63571	.94333	.35271

#1	4106.5	48912.	4686.9	45.051	4140.3
#2	4096.5	48820.	4678.3	45.183	4144.8
#3	4112.7	49109.	4733.8	45.849	4167.6

Sample Name: K3139-07 Acquired: 6/3/2019 19:00:06 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1A-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01258	-.00678	.01116	-.00437	.00632	30.515	.20114	.00388
Stddev	.00108	.00053	.00054	.00280	.00061	.098	.00052	.00007
%RSD	8.5876	7.7684	4.8306	64.109	9.6548	.32160	.25701	1.9172

#1	.01290	-.00693	.01166	-.00315	.00608	30.401	.20055	.00387
#2	.01138	-.00620	.01059	-.00238	.00701	30.572	.20153	.00396
#3	.01347	-.00722	.01124	-.00757	.00586	30.571	.20134	.00381

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00306	15.421	.03502	.02762	.06911	69.340	1.2402	8.9656
Stddev	.00009	.065	.00036	.00016	.00025	.406	.0020	.0671
%RSD	2.8603	.42247	1.0272	.58110	.36846	.58499	.16093	.74889

#1	-.00298	15.374	.03535	.02775	.06882	68.969	1.2425	8.8955
#2	-.00315	15.496	.03464	.02767	.06922	69.773	1.2393	9.0294
#3	-.00306	15.394	.03507	.02744	.06930	69.278	1.2388	8.9719

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04130	-.00141	1.0474	.07068	.19513	2.4743	-.00120	-.01830
Stddev	.00051	.00032	.0095	.00020	.00039	.0036	.00030	.01699
%RSD	1.2230	22.994	.90983	.28310	.19823	.14503	24.978	92.856

#1	.04094	-.00105	1.0411	.07054	.19471	2.4728	-.00124	-.01051
#2	.04110	-.00150	1.0583	.07091	.19522	2.4784	-.00148	-.00660
#3	.04188	-.00167	1.0426	.07059	.19547	2.4717	-.00089	-.03779

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08204	1.1370	.00007	.92684	.02775	2.454	-.05850	1.2226
Stddev	.00287	.0282	.00050	.00332	.00131	.006	.00043	.0345
%RSD	3.5042	2.4759	672.33	.35808	4.7235	.2322	.73756	2.8210

#1	.08154	1.1615	.00007	.93050	.02624	2.448	-.05811	1.1837
#2	.08513	1.1062	.00057	.92599	.02845	2.456	-.05896	1.2345
#3	.07944	1.1432	-.00042	.92403	.02855	2.459	-.05844	1.2495

Sample Name: K3139-07 Acquired: 6/3/2019 19:00:06 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1A-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2753
 Stddev .6869
 %RSD 53.866

#1 .53028
 #2 1.4120
 #3 1.8836

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4150.1	50089.	4792.3	45.202	4183.7
Stddev	3.0	180.	43.2	1.756	1.0
%RSD	.07122	.36013	.90236	3.8846	.02291

#1	4153.5	49915.	4742.4	45.552	4184.8
#2	4149.1	50078.	4818.0	46.757	4183.3
#3	4147.8	50275.	4816.5	43.298	4182.9

Sample Name: CCV06 Acquired: 6/3/2019 19:04:34 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8072	F 4.4906	4.6258	4.9614	5.0946	9.7075	10.626
Stddev	.0108	.0086	.0114	.0210	.0014	.0512	.053
%RSD	.22428	.19215	.24703	.42251	.02786	.52768	.49557

#1	4.8176	4.4820	4.6278	4.9689	5.0955	9.6511	10.568
#2	4.8080	4.4992	4.6360	4.9775	5.0953	9.7512	10.670
#3	4.7961	4.4906	4.6135	4.9377	5.0929	9.7202	10.641

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24524	2.3289	24.828	1.0159	2.4023	1.2479	4.7583
Stddev	.00035	.0037	.145	.0023	.0044	.0028	.0024
%RSD	.14090	.15936	.58214	.22800	.18488	.22115	.05110

#1	.24511	2.3264	24.720	1.0162	2.4025	1.2471	4.7556
#2	.24563	2.3331	24.773	1.0135	2.4067	1.2509	4.7591
#3	.24497	2.3271	24.992	1.0181	2.3978	1.2455	4.7602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5111	24.369	2.2941	1.2171	24.437	2.4979	2.4612
Stddev	.0075	.371	.0014	.0037	.125	.0029	.0017
%RSD	.29976	1.5208	.06302	.30407	.51004	.11735	.06767

#1	2.5127	23.998	2.2949	1.2134	24.303	2.5000	2.4615
#2	2.5030	24.371	2.2950	1.2169	24.549	2.4946	2.4627
#3	2.5178	24.739	2.2924	1.2208	24.460	2.4993	2.4594

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.666	4.8051	4.9643	5.0088	4.7470	4.6424	4.9089
Stddev	.120	.0098	.0294	.0014	.0369	.0056	.0283
%RSD	.48683	.20387	.59243	.02903	.77699	.12034	.57722

#1	24.546	4.8072	4.9332	5.0097	4.7674	4.6475	4.8912
#2	24.786	4.8136	4.9916	5.0096	4.7045	4.6432	4.8939
#3	24.667	4.7944	4.9680	5.0072	4.7693	4.6364	4.9416

Sample Name: CCV06 Acquired: 6/3/2019 19:04:34 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9298	F 5.900	4.7381	5.3094	F<.00000
Stddev	.0482	.006	.0280	.2161	.26454
%RSD	.97816	.1010	.59154	4.0699	20.886
#1	4.9825	5.902	4.7646	5.2470	-1.1424
#2	4.8880	5.905	4.7088	5.5498	-1.0869
#3	4.9187	5.893	4.7409	5.1314	-1.5704
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3736.3	44587.	4320.4	44.563	3898.4
Stddev	9.5	53.	42.5	.623	6.9
%RSD	.25518	.11917	.98389	1.3975	.17801
#1	3727.8	44528.	4276.5	43.862	3892.3
#2	3734.5	44601.	4361.3	45.053	3896.8
#3	3746.6	44632.	4323.5	44.774	3906.0

Sample Name: CCB06 Acquired: 6/3/2019 19:08:31 Type: Unk
Method: P4-ICP2(v3167) 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	.00033	-.00292	.00182	-.00373	.00391	-.03720	.01590
Stddev	.00206	.00043	.00041	.00174	.00028	.00263	.00012
%RSD	630.42	14.566	22.289	46.523	7.1457	7.0643	.75779

#1	.00247	-.00336	.00225	-.00257	.00375	-.03948	.01581
#2	.00017	-.00252	.00177	-.00573	.00423	-.03779	.01586
#3	-.00165	-.00288	.00144	-.00290	.00374	-.03433	.01604

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00018	-.03900	.00016	.00018	.00297	-.00367
Stddev	.00002	.00002	.01156	.00010	.00005	.00019	.00052
%RSD	325.04	13.259	29.638	61.947	30.113	6.4155	14.256

#1	-.00001	-.00017	-.02821	.00013	.00013	.00277	-.00313
#2	.00003	-.00015	-.03758	.00027	.00017	.00298	-.00371
#3	-.00000	-.00020	-.05120	.00008	.00024	.00315	-.00417

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	-.03506	.00107	-.00061	-.13585	.00074	-.00012
Stddev	.00006	.03318	.00024	.00013	.00888	.00024	.00015
%RSD	30.558	94.640	21.943	21.004	6.5391	31.829	126.53

#1	-.00016	-.05671	.00135	-.00050	-.13680	.00090	.00001
#2	-.00025	-.05161	.00096	-.00075	-.14423	.00086	-.00008
#3	-.00015	.00314	.00092	-.00059	-.12653	.00047	-.00028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04446	-.00064	-.00047	.00210	-.00664	.00014	.00474
Stddev	.01626	.00015	.01720	.00273	.00143	.00047	.00179
%RSD	36.571	23.166	3697.2	130.45	21.456	327.97	37.690

#1	.06044	-.00048	.01756	.00346	-.00779	.00006	.00669
#2	.02794	-.00078	-.01670	-.00105	-.00505	.00065	.00318
#3	.04499	-.00066	-.00225	.00388	-.00710	-.00028	.00435

Sample Name: CCB06 Acquired: 6/3/2019 19:08:31 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00623	F -0.0110	-0.00038	F 2.9724	F<.00000
Stddev	.00068	.0013	.00001	.2676	.35649
%RSD	10.844	12.19	3.6577	9.0039	16.078
#1	-0.00590	-0.0096	-0.00037	2.7861	-2.2737
#2	-0.00701	-0.0123	-0.00038	2.8520	-2.5422
#3	-0.00579	-0.0112	-0.00040	3.2791	-1.8359
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3909.0	46761.	4300.9	44.677	4365.6
Stddev	9.8	206.	41.2	1.935	1.3
%RSD	.24979	.43966	.95770	4.3314	.02906
#1	3897.8	46544.	4255.6	42.550	4364.2
#2	3913.2	46788.	4336.0	45.145	4366.7
#3	3916.0	46952.	4311.3	46.334	4365.9

Sample Name: K3139-07DUP Acquired: 6/3/2019 19:13:00 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1A-DDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01128	-.00625	.00960	-.00417	.00619	31.102	.20593	.00411
Stddev	.00150	.00091	.00122	.00166	.00119	1.477	.01008	.00015
%RSD	13.337	14.532	12.691	39.897	19.262	4.7472	4.8957	3.6614
#1	.00987	-.00684	.00834	-.00244	.00657	32.800	.21755	.00427
#2	.01287	-.00671	.00968	-.00575	.00713	30.120	.20073	.00409
#3	.01111	-.00521	.01077	-.00431	.00485	30.387	.19951	.00397
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00330	15.640	.03673	.02757	.06891	70.887	1.2813	9.1487
Stddev	.00035	.567	.00258	.00011	.00044	3.436	.0799	.4094
%RSD	10.646	3.6249	7.0121	.40478	.63954	4.8474	6.2397	4.4745
#1	-.00371	16.292	.03970	.02753	.06840	74.847	1.3736	9.6162
#2	-.00308	15.266	.03520	.02770	.06923	68.690	1.2315	8.8548
#3	-.00312	15.362	.03528	.02748	.06909	69.124	1.2389	8.9750
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04075	-.00236	1.0841	.07298	.19424	2.4824	-.00087	-.00637
Stddev	.00029	.00048	.0553	.00495	.00030	.0509	.00016	.00939
%RSD	.70639	20.323	5.0970	6.7881	.15210	2.0498	18.080	147.37
#1	.04097	-.00285	1.1471	.07869	.19408	2.5406	-.00104	-.00274
#2	.04087	-.00234	1.0438	.06991	.19458	2.4605	-.00073	-.01703
#3	.04043	-.00189	1.0614	.07033	.19406	2.4462	-.00084	.00066
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08215	1.1416	.00063	.92502	.02765	2.442	-.06023	1.8290
Stddev	.00251	.0315	.00040	.00762	.00232	.011	.00394	1.2554
%RSD	3.0529	2.7566	64.450	.82394	8.3928	.4634	6.5413	68.637
#1	.08453	1.1259	.00061	.91627	.02570	2.454	-.06478	3.2203
#2	.08237	1.1779	.00104	.92853	.02702	2.442	-.05788	.78072
#3	.07953	1.1212	.00023	.93025	.03022	2.431	-.05803	1.4862

Sample Name: K3139-07DUP Acquired: 6/3/2019 19:13:00 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1A-DDUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.9867
Stddev	.1043
%RSD	5.2500

#1	1.9827
#2	2.0930
#3	1.8845

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4149.6	48888.	4801.2	45.246	4193.9
Stddev	6.2	2482.	38.7	.503	8.7
%RSD	.14886	5.0769	.80696	1.1121	.20718

#1	4143.5	46022.	4779.2	45.400	4184.1
#2	4149.6	50340.	4778.4	44.684	4196.7
#3	4155.8	50302.	4845.9	45.655	4200.8

Sample Name: K3139-07LX5 Acquired: 6/3/2019 19:17:29 Type: Unk
Method: P4-ICP2(v3167) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00233	-.00412	-.00792	-.00396	.00392	6.5725	.05578
Stddev	.00047	.00082	.00033	.00092	.00024	.0646	.00109
%RSD	20.272	19.857	4.2226	23.258	6.1243	.98314	1.9514

#1	.00252	-.00479	-.00829	-.00469	.00413	6.5001	.05460
#2	.00269	-.00321	-.00785	-.00292	.00366	6.5934	.05597
#3	.00180	-.00436	-.00763	-.00427	.00395	6.6241	.05675

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	-.00099	3.4297	.00759	.00578	.01781	15.754
Stddev	.00006	.00005	.0068	.00021	.00038	.00039	.007
%RSD	8.1449	4.8357	.19778	2.7285	6.6293	2.2158	.04197

#1	.00080	-.00094	3.4269	.00744	.00535	.01755	15.751
#2	.00084	-.00099	3.4374	.00782	.00608	.01826	15.749
#3	.00072	-.00104	3.4248	.00750	.00591	.01760	15.761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27731	1.9097	.00878	-.00067	.12086	.01529	.03936
Stddev	.00080	.0214	.00021	.00049	.00939	.00059	.00010
%RSD	.28832	1.1223	2.4338	72.433	7.7661	3.8806	.25931

#1	.27665	1.9000	.00902	-.00118	.11027	.01536	.03929
#2	.27708	1.8949	.00860	-.00061	.12418	.01585	.03930
#3	.27820	1.9343	.00871	-.00022	.12814	.01467	.03947

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56917	-.00123	-.00940	.01731	.24878	-.00138	.20498
Stddev	.02367	.00011	.00864	.00370	.00496	.00076	.00227
%RSD	4.1591	9.3357	91.868	21.360	1.9923	55.178	1.1051

#1	.57547	-.00136	-.01061	.01597	.24747	-.00218	.20432
#2	.54299	-.00115	-.01738	.02149	.24461	-.00131	.20311
#3	.58906	-.00118	-.00023	.01447	.25426	-.00066	.20750

Sample Name: K3139-07LX5 Acquired: 6/3/2019 19:17:29 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00143	.4953	-.01382	2.4307	F<.00000
Stddev	.00379	.0040	.00003	.1005	.16752
%RSD	264.99	.7990	.24391	4.1353	11.455

#1	.00241	.4908	-.01385	2.3295	-1.6468
#2	.00463	.4970	-.01378	2.5305	-1.3196
#3	-.00275	.4982	-.01384	2.4323	-1.4206

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3972.8	47567.	4485.7	46.064	4293.0
Stddev	3.7	104.	43.2	.721	3.2
%RSD	.09201	.21900	.96209	1.5650	.07347

#1	3971.3	47447.	4436.0	45.430	4293.7
#2	3977.0	47634.	4507.7	45.914	4295.7
#3	3970.2	47620.	4513.5	46.848	4289.5

Sample Name: K3139-07MS Acquired: 6/3/2019 19:21:54 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1A-DMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72043	1.8184	.95249	1.8477	.39305	33.443	.40282	.18829
Stddev	.00054	.0046	.00102	.0060	.00291	.151	.00126	.00053
%RSD	.07557	.25272	.10656	.32424	.74030	.45031	.31218	.28276
#1	.72080	1.8131	.95153	1.8422	.39091	33.300	.40202	.18889
#2	.71980	1.8216	.95355	1.8541	.39188	33.600	.40217	.18810
#3	.72068	1.8204	.95237	1.8467	.39636	33.429	.40427	.18788
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18585	15.405	.42790	.22583	.35904	65.693	1.4625	11.197
Stddev	.00040	.034	.00061	.00071	.00056	.223	.0049	.096
%RSD	.21356	.22045	.14354	.31403	.15574	.33894	.33299	.85294
#1	.18542	15.394	.42720	.22502	.35944	65.819	1.4653	11.103
#2	.18592	15.378	.42828	.22611	.35928	65.436	1.4569	11.294
#3	.18620	15.443	.42824	.22635	.35840	65.824	1.4653	11.193
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51409	.06582	3.9542	.35192	.39286	11.572	.35313	.24540
Stddev	.00099	.00133	.0136	.00125	.00036	.063	.00029	.01526
%RSD	.19209	2.0175	.34471	.35489	.09082	.54500	.08304	6.2196
#1	.51297	.06544	3.9386	.35243	.39300	11.500	.35298	.25467
#2	.51445	.06472	3.9600	.35050	.39245	11.604	.35295	.22779
#3	.51484	.06729	3.9640	.35284	.39312	11.614	.35347	.25375
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06518	1.3427	.62900	1.0124	.22851	8.924	.13160	1.7695
Stddev	.00252	.0087	.00301	.0075	.00175	.011	.00095	.2228
%RSD	3.8632	.65090	.47777	.73979	.76663	.1196	.71924	12.594
#1	.06627	1.3335	.62553	1.0050	.22952	8.919	.13074	1.9158
#2	.06696	1.3508	.63061	1.0200	.22952	8.917	.13261	1.5130
#3	.06229	1.3437	.63085	1.0121	.22649	8.936	.13145	1.8796

Sample Name: K3139-07MS Acquired: 6/3/2019 19:21:54 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1A-DMS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.06620
%RSD	9.1939

#1	-.75991
#2	-.64364
#3	-.75664

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4089.3	49432.	4722.3	44.998	4120.0
Stddev	5.0	184.	14.4	1.300	6.9
%RSD	.12156	.37262	.30540	2.8892	.16628

#1	4085.3	49220.	4705.6	43.914	4117.2
#2	4094.8	49526.	4730.7	44.639	4127.8
#3	4087.6	49551.	4730.5	46.439	4114.9

Sample Name: K3139-07MSD Acquired: 6/3/2019 19:26:09 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1A-DMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71754	1.8179	.95649	1.8483	.39388	33.420	.40346	.18858
Stddev	.00292	.0051	.00229	.0043	.00182	.182	.00361	.00056
%RSD	.40748	.27891	.23893	.23131	.46275	.54579	.89558	.29585
#1	.72028	1.8124	.95458	1.8516	.39187	33.214	.39959	.18807
#2	.71787	1.8191	.95588	1.8435	.39543	33.489	.40405	.18917
#3	.71446	1.8223	.95902	1.8497	.39434	33.559	.40674	.18850
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18643	15.380	.42845	.22673	.35894	65.706	1.4738	11.221
Stddev	.00051	.077	.00129	.00032	.00056	.483	.0037	.083
%RSD	.27406	.49756	.30217	.14288	.15510	.73447	.24816	.73752
#1	.18590	15.298	.42701	.22682	.35894	65.173	1.4697	11.218
#2	.18647	15.393	.42953	.22637	.35949	65.832	1.4769	11.139
#3	.18692	15.449	.42879	.22700	.35838	66.113	1.4747	11.305
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51408	.06609	3.9818	.34995	.39226	11.684	.35200	.25990
Stddev	.00144	.00063	.0277	.00131	.00063	.061	.00042	.00492
%RSD	.28089	.95289	.69644	.37383	.16078	.52429	.11959	1.8923
#1	.51275	.06677	3.9530	.34910	.39241	11.651	.35151	.26039
#2	.51388	.06553	3.9843	.34929	.39157	11.645	.35226	.26456
#3	.51562	.06596	4.0083	.35146	.39281	11.754	.35222	.25476
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06459	1.3063	.62863	1.0068	.22931	8.951	.13154	1.5400
Stddev	.00371	.0117	.00127	.0055	.00056	.017	.00083	.0361
%RSD	5.7368	.89604	.20242	.54890	.24587	.1869	.63245	2.3434
#1	.06052	1.2981	.62768	1.0033	.22989	8.931	.13111	1.5431
#2	.06549	1.3197	.62814	1.0038	.22876	8.963	.13101	1.5745
#3	.06777	1.3011	.63008	1.0132	.22927	8.958	.13250	1.5025

Sample Name: K3139-07MSD Acquired: 6/3/2019 19:26:09 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1A-DMSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.35496
%RSD	35.610

#1	-1.1543
#2	-1.2458
#3	-.59033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4087.7	49246.	4750.1	46.009	4110.1
Stddev	5.2	80.	7.5	.679	6.7
%RSD	.12642	.16246	.15686	1.4756	.16333

#1	4084.7	49321.	4746.3	45.974	4113.2
#2	4084.7	49162.	4745.3	46.705	4102.4
#3	4093.7	49254.	4758.7	45.348	4114.7

Sample Name: K3139-07A Acquired: 6/3/2019 19:30:22 Type: Unk
 Method: P4-ICP2(v3167) 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	.71267	1.8121	.95087	1.8340	.39476	33.351	.40186	.18765
Stddev	.00494	.0031	.00165	.0055	.00224	.152	.00182	.00028
%RSD	.69386	.16981	.17350	.29835	.56750	.45674	.45405	.14953
#1	.71762	1.8144	.95089	1.8385	.39543	33.211	.40381	.18751
#2	.70773	1.8132	.95251	1.8356	.39659	33.513	.40020	.18797
#3	.71265	1.8086	.94921	1.8279	.39226	33.330	.40157	.18747
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18533	15.345	.42734	.22553	.35796	65.453	1.4736	10.959
Stddev	.00043	.076	.00034	.00094	.00087	.429	.0022	.110
%RSD	.23311	.49507	.08054	.41613	.24406	.65474	.15235	.99969
#1	.18576	15.422	.42733	.22616	.35879	65.914	1.4759	10.876
#2	.18490	15.342	.42769	.22598	.35804	65.376	1.4715	11.083
#3	.18532	15.271	.42700	.22445	.35705	65.068	1.4735	10.919
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51264	.06555	3.9305	.34746	.39089	11.559	.35121	.23923
Stddev	.00074	.00010	.0219	.00075	.00095	.073	.00115	.01512
%RSD	.14400	.14957	.55818	.21456	.24242	.62994	.32862	6.3200
#1	.51312	.06562	3.9061	.34704	.39085	11.492	.35193	.22598
#2	.51300	.06561	3.9486	.34832	.39185	11.637	.35183	.23601
#3	.51179	.06544	3.9369	.34703	.38996	11.547	.34988	.25570
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06335	1.3343	.62466	1.0019	.22800	8.918	.13157	1.2245
Stddev	.00342	.0238	.00078	.0086	.00094	.023	.00077	.1484
%RSD	5.4052	1.7843	.12424	.85713	.41267	.2587	.58255	12.119
#1	.06269	1.3414	.62380	.99708	.22908	8.937	.13071	1.1756
#2	.06706	1.3538	.62532	1.0118	.22731	8.924	.13219	1.1067
#3	.06030	1.3078	.62486	.99679	.22762	8.892	.13181	1.3912

Sample Name: K3139-07A Acquired: 6/3/2019 19:30:22 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .09493
%RSD 9.4961

#1 -.93457
#2 -1.1086
#3 -.95581

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4094.4	49295.	4710.7	47.485	4120.8
Stddev	3.8	157.	26.1	.426	4.0
%RSD	.09343	.31831	.55445	.89771	.09648

#1	4090.9	49123.	4681.2	47.021	4125.1
#2	4093.8	49331.	4720.3	47.576	4117.4
#3	4098.5	49431.	4730.7	47.859	4119.8

Sample Name: K2641-14 Acquired: 6/3/2019 19:34:36 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	-.00704	-.00173	.00102	.00542	-.01681	.17238	.00001
Stddev	.00127	.00132	.00121	.00102	.00088	.00581	.00073	.00009
%RSD	150.08	18.687	70.127	99.501	16.156	34.577	.42141	604.16

#1	.00062	-.00694	-.00033	-.00013	.00643	-.02351	.17313	-.00007
#2	.00221	-.00578	-.00234	.00178	.00484	-.01306	.17233	.00011
#3	-.00030	-.00840	-.00252	.00141	.00500	-.01388	.17168	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	115.61	.00121	.00373	.00878	.00304	.83879	4.4260
Stddev	.00004	1.27	.00032	.00011	.00010	.00044	.00212	.0185
%RSD	11.711	1.1017	26.286	2.8752	1.1953	14.368	.25277	.41710

#1	.00038	114.14	.00150	.00384	.00870	.00283	.83857	4.4062
#2	.00030	116.40	.00087	.00363	.00875	.00276	.84101	4.4428
#3	.00034	116.28	.00124	.00372	.00890	.00355	.83678	4.4290

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00331	-.00061	338.20	-.00208	.06114	.98748	-.00114	.01081
Stddev	.00028	.00020	.72	.00033	.00016	.03934	.00020	.02000
%RSD	8.4027	32.354	.21436	15.752	.25709	3.9841	17.700	185.05

#1	.00302	-.00047	337.44	-.00246	.06129	.97436	-.00112	.01162
#2	.00332	-.00084	338.88	-.00194	.06115	1.0317	-.00135	-.00959
#3	.00358	-.00053	338.29	-.00186	.06098	.95637	-.00095	.03040

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28198	1.1915	-.00083	-.00107	-.00033	-.0066	.49744	5.6594
Stddev	.00220	.0081	.00039	.00129	.00142	.0015	.00533	.1985
%RSD	.78178	.67760	46.788	120.88	425.22	22.27	1.0719	3.5071

#1	.28102	1.1825	-.00038	-.00211	-.00157	-.0052	.49129	5.5455
#2	.28043	1.1939	-.00101	.00038	.00121	-.0081	.50046	5.5441
#3	.28451	1.1981	-.00109	-.00148	-.00064	-.0065	.50058	5.8886

Sample Name: K2641-14 Acquired: 6/3/2019 19:34:36 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.05145
Stddev	.20166
%RSD	391.99

#1	-.14187
#2	.26052
#3	.03569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3610.5	43064.	4316.8	44.355	3754.9
Stddev	8.5	47.	17.4	.838	5.4
%RSD	.23407	.10855	.40346	1.8889	.14362

#1	3607.7	43034.	4336.9	45.259	3760.1
#2	3603.8	43040.	4306.7	44.202	3755.3
#3	3620.0	43118.	4306.8	43.605	3749.3

Sample Name: K2641-14DUP Acquired: 6/3/2019 19:39:09 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00201	-.00781	-.00197	-.00217	.00502	-.01582	.16965	-.00005
Stddev	.00198	.00131	.00027	.00243	.00073	.01024	.00093	.00002
%RSD	98.366	16.711	13.606	111.90	14.626	64.697	.54698	40.099

#1	-.00027	-.00630	-.00166	-.00232	.00462	-.00414	.16910	-.00004
#2	.00328	-.00854	-.00216	.00033	.00586	-.02013	.16912	-.00007
#3	.00302	-.00859	-.00209	-.00453	.00457	-.02320	.17072	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	114.91	.00169	.00371	.00807	.00167	.83031	4.4445
Stddev	.00007	.30	.00040	.00019	.00020	.00113	.00107	.0289
%RSD	23.036	.25937	23.556	5.0463	2.5270	67.728	.12897	.64903

#1	.00022	114.61	.00211	.00352	.00830	.00106	.83023	4.4310
#2	.00031	115.21	.00132	.00372	.00794	.00297	.82928	4.4776
#3	.00035	114.91	.00165	.00390	.00796	.00097	.83142	4.4248

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00298	-.00091	336.91	-.00119	.06019	1.0165	-.00105	.00495
Stddev	.00034	.00046	1.32	.00010	.00015	.0156	.00019	.00824
%RSD	11.284	50.431	.39174	8.5308	.24924	1.5386	17.961	166.64

#1	.00302	-.00127	337.67	-.00115	.06003	1.0221	-.00096	.01333
#2	.00330	-.00107	337.68	-.00112	.06022	1.0285	-.00126	-.00314
#3	.00263	-.00039	335.39	-.00131	.06033	.99877	-.00092	.00464

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28241	1.1753	-.00031	-.00347	.00254	-.0066	.49461	5.6872
Stddev	.00197	.0023	.00060	.00257	.00079	.0016	.00118	.1564
%RSD	.69925	.19260	193.41	74.216	31.237	24.82	.23852	2.7493

#1	.28415	1.1729	-.00074	-.00619	.00204	-.0051	.49391	5.8008
#2	.28026	1.1754	-.00056	-.00313	.00346	-.0065	.49598	5.7520
#3	.28281	1.1774	.00037	-.00108	.00213	-.0084	.49395	5.5089

Sample Name: K2641-14DUP Acquired: 6/3/2019 19:39:09 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .25074
 %RSD 180.70

#1 -.15662
 #2 -.38010
 #3 .12043

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3616.4	43159.	4317.3	44.043	3749.9
Stddev	9.1	105.	16.7	1.276	6.7
%RSD	.25211	.24318	.38659	2.8975	.17750

#1	3607.8	43054.	4303.6	44.650	3755.2
#2	3615.4	43160.	4312.4	42.576	3752.1
#3	3625.9	43264.	4335.9	44.902	3742.5

Sample Name: K2641-14LX5 Acquired: 6/3/2019 19:43:40 Type: Unk
Method: P4-ICP2(v3167) 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	.00274	-.00450	-.01073	-.00371	.00385	-.04571	.04573	-.00001
Stddev	.00044	.00077	.00038	.00052	.00125	.00290	.00185	.00003
%RSD	16.097	16.988	3.5279	14.036	32.495	6.3374	4.0409	238.34

#1	.00223	-.00368	-.01049	-.00334	.00521	-.04903	.04622	-.00004
#2	.00301	-.00463	-.01054	-.00431	.00362	-.04440	.04728	.00001
#3	.00298	-.00520	-.01117	-.00350	.00273	-.04370	.04368	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	24.184	.00045	.00085	.00414	-.00434	.17361	.82772
Stddev	.00003	.164	.00006	.00005	.00024	.00038	.00049	.08648
%RSD	25.801	.67664	13.609	6.3777	5.7783	8.6768	.27944	10.449

#1	-.00013	24.005	.00042	.00082	.00441	-.00455	.17362	.85494
#2	-.00012	24.223	.00051	.00091	.00404	-.00456	.17410	.73090
#3	-.00008	24.325	.00040	.00082	.00397	-.00390	.17313	.89732

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00058	66.489	.00005	.01139	.27450	-.00129	-.00996
Stddev	.00009	.00029	.392	.00035	.00012	.04011	.00019	.00371
%RSD	50.845	50.283	.58889	752.49	1.0576	14.612	15.057	37.226

#1	.00028	-.00067	66.393	-.00024	.01153	.31887	-.00147	-.01055
#2	.00011	-.00082	66.920	-.00006	.01130	.26380	-.00131	-.01333
#3	.00015	-.00026	66.155	.00044	.01134	.24082	-.00109	-.00599

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05685	.24874	-.00104	.00104	-.00213	-.0082	.10318	4.5482
Stddev	.00131	.00300	.00056	.00231	.00309	.0017	.00042	.1609
%RSD	2.3011	1.2045	54.037	221.23	144.70	21.21	.40570	3.5371

#1	.05807	.24739	-.00122	.00028	-.00552	-.0063	.10290	4.5990
#2	.05700	.24665	-.00041	.00363	.00052	-.0085	.10298	4.6776
#3	.05547	.25217	-.00150	-.00079	-.00140	-.0098	.10366	4.3681

Sample Name: K2641-14LX5 Acquired: 6/3/2019 19:43:40 Type: Unk
Method: P4-ICP2(v3167) 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	.40669
%RSD	42.067

#1	-1.3140
#2	-1.0669
#3	-.51934

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3784.0	45641.	4361.6	44.310	4047.4
Stddev	2.5	165.	47.2	1.431	8.2
%RSD	.06529	.36228	1.0824	3.2300	.20178

#1	3783.1	45518.	4355.4	44.439	4040.2
#2	3786.8	45575.	4411.6	45.672	4056.3
#3	3782.0	45829.	4317.8	42.819	4045.8

Sample Name: K2641-14MS Acquired: 6/3/2019 19:48:07 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76009	1.6538	.89277	2.0304	.80498	1.9233	.39998
Stddev	.00538	.0035	.00206	.0042	.00175	.0217	.00155
%RSD	.70762	.21365	.23021	.20771	.21730	1.1277	.38748

#1	.76279	1.6578	.89375	2.0268	.80582	1.8986	.39843
#2	.76359	1.6511	.89416	2.0351	.80616	1.9316	.40153
#3	.75390	1.6527	.89041	2.0295	.80297	1.9395	.39998

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19678	.18329	126.44	.40498	.19506	.30062	2.7984
Stddev	.00044	.00035	.67	.00103	.00050	.00170	.0082
%RSD	.22486	.19249	.53006	.25405	.25779	.56634	.29196

#1	.19634	.18369	127.21	.40547	.19540	.30008	2.7959
#2	.19678	.18318	126.00	.40567	.19448	.30253	2.8076
#3	.19722	.18301	126.12	.40379	.19529	.29926	2.7918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0895	6.7248	.45345	.06908	365.05	.30583	.26120
Stddev	.0021	.0965	.00090	.00015	2.62	.00096	.00060
%RSD	.19165	1.4348	.19804	.22085	.71796	.31329	.22994

#1	1.0898	6.6451	.45413	.06906	362.05	.30479	.26189
#2	1.0873	6.8321	.45243	.06925	366.90	.30669	.26091
#3	1.0914	6.6973	.45380	.06895	366.19	.30600	.26080

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.321	.38565	.30445	.29955	2.0797	.63686	.19167
Stddev	.087	.00158	.01076	.00578	.0226	.00198	.00303
%RSD	.76731	.41039	3.5332	1.9306	1.0884	.31067	1.5796

#1	11.237	.38511	.31678	.29605	2.1020	.63478	.18867
#2	11.317	.38743	.29699	.29639	2.0568	.63871	.19160
#3	11.410	.38441	.29957	.30623	2.0803	.63710	.19473

Sample Name: K2641-14MS Acquired: 6/3/2019 19:48:07 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20139	7.278	.71807	6.9916	F<.00000
Stddev	.00096	.022	.00405	.3468	.39057
%RSD	.47540	.3029	.56338	4.9601	28.702

#1	.20067	7.301	.72272	6.8414	-1.6110
#2	.20248	7.257	.71531	7.3881	-.91073
#3	.20102	7.276	.71620	6.7452	-1.5606

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3587.4	43232.	4336.4	43.334	3730.8
Stddev	7.3	86.	37.8	1.493	13.2
%RSD	.20332	.19882	.87099	3.4460	.35473

#1	3581.8	43214.	4293.3	42.198	3724.6
#2	3584.8	43326.	4363.7	45.026	3745.9
#3	3595.7	43157.	4352.1	42.780	3721.7

Sample Name: K2641-14MSD Acquired: 6/3/2019 19:52:21 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76025	1.6629	.90020	2.0355	.81200	1.9380	.40098
Stddev	.00648	.0038	.00214	.0194	.00096	.0372	.00307
%RSD	.85279	.22716	.23805	.95128	.11879	1.9168	.76524

#1	.75575	1.6612	.89778	2.0503	.81220	1.9192	.40398
#2	.76768	1.6673	.90092	2.0426	.81095	1.9140	.39785
#3	.75730	1.6603	.90188	2.0135	.81285	1.9808	.40111

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19762	.18462	126.20	.40744	.19664	.30132	2.8150
Stddev	.00058	.00045	.92	.00059	.00056	.00112	.0028
%RSD	.29150	.24605	.73267	.14550	.28727	.37262	.09896

#1	.19706	.18411	127.25	.40683	.19642	.30228	2.8158
#2	.19759	.18497	125.49	.40746	.19729	.30158	2.8120
#3	.19821	.18478	125.87	.40802	.19622	.30008	2.8174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0938	6.6682	.45545	.06879	361.88	.30614	.26160
Stddev	.0028	.1206	.00224	.00044	2.76	.00127	.00065
%RSD	.25498	1.8078	.49187	.63566	.76383	.41635	.24913

#1	1.0941	6.5485	.45289	.06879	362.89	.30715	.26084
#2	1.0908	6.6667	.45642	.06835	358.75	.30470	.26196
#3	1.0964	6.7896	.45704	.06923	363.99	.30656	.26198

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.399	.38552	.29452	.29815	2.0765	.63758	.19416
Stddev	.083	.00273	.03361	.00239	.0132	.00227	.00113
%RSD	.73045	.70690	11.411	.80199	.63730	.35621	.58256

#1	11.390	.38769	.30510	.29950	2.0887	.63528	.19531
#2	11.321	.38640	.25689	.29539	2.0624	.63764	.19412
#3	11.487	.38246	.32156	.29957	2.0785	.63982	.19305

Sample Name: K2641-14MSD Acquired: 6/3/2019 19:52:21 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20458	7.312	.72203	6.7481	F<.00000
Stddev	.00152	.005	.00724	.1721	.19095
%RSD	.74214	.0712	1.0023	2.5505	13.977

#1	.20325	7.308	.73036	6.8164	-1.1896
#2	.20623	7.318	.71838	6.8755	-1.5688
#3	.20424	7.312	.71735	6.5523	-1.3402

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3579.8	43192.	4320.6	43.249	3716.6
Stddev	15.1	198.	43.9	.925	7.2
%RSD	.42094	.45740	1.0153	2.1384	.19384

#1	3570.1	42967.	4272.3	42.195	3724.8
#2	3572.2	43336.	4331.7	43.925	3713.5
#3	3597.2	43273.	4357.9	43.628	3711.4

Sample Name: CCV07 Acquired: 6/3/2019 19:56:36 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390523028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7973	4.5293	4.7144	5.0439	5.1823	9.4916	10.766
Stddev	.0053	.0088	.0066	.0042	.0072	.0511	.013
%RSD	.10997	.19476	.13999	.08318	.13813	.53818	.11903

#1	4.8033	4.5391	4.7219	5.0487	5.1901	9.4551	10.761
#2	4.7933	4.5220	4.7092	5.0414	5.1807	9.5500	10.781
#3	4.7955	4.5267	4.7123	5.0416	5.1760	9.4698	10.757

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24890	2.3707	25.107	1.0247	2.4480	1.2537	4.8011
Stddev	.00043	.0052	.150	.0016	.0042	.0015	.0091
%RSD	.17286	.21897	.59909	.15852	.16966	.11922	.18892

#1	.24910	2.3767	24.973	1.0235	2.4527	1.2554	4.7924
#2	.24920	2.3679	25.269	1.0240	2.4467	1.2534	4.8003
#3	.24841	2.3676	25.078	1.0266	2.4447	1.2524	4.8105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5078	24.422	2.3139	1.2041	24.606	2.4992	2.4962
Stddev	.0028	.148	.0046	.0015	.038	.0018	.0048
%RSD	.11291	.60528	.19939	.12378	.15540	.07348	.19128

#1	2.5111	24.533	2.3192	1.2032	24.616	2.4973	2.5012
#2	2.5060	24.478	2.3110	1.2059	24.638	2.4991	2.4958
#3	2.5063	24.254	2.3114	1.2033	24.563	2.5010	2.4916

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.494	4.7863	4.8957	5.0428	4.6638	4.6486	4.9100
Stddev	.122	.0047	.0154	.0255	.0225	.0152	.0174
%RSD	.49750	.09811	.31368	.50491	.48269	.32628	.35398

#1	24.571	4.7905	4.8945	5.0691	4.6396	4.6661	4.8991
#2	24.558	4.7812	4.9116	5.0182	4.6677	4.6399	4.9300
#3	24.353	4.7872	4.8809	5.0410	4.6841	4.6398	4.9007

Sample Name: CCV07 Acquired: 6/3/2019 19:56:36 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390523028 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9333	F 5.995	4.8324	F 5.5139	F<.00000
Stddev	.0053	.004	.0253	.1415	.13238
%RSD	.10691	.0757	.52256	2.5657	80.731

#1	4.9282	5.996	4.8129	5.3691	-.22233
#2	4.9328	5.991	4.8234	5.5208	-.25714
#3	4.9387	6.000	4.8609	5.6517	-.01244

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3735.4	44825.	4359.7	42.285	3885.2
Stddev	10.2	97.	19.6	2.394	13.4
%RSD	.27334	.21625	.44849	5.6611	.34533

#1	3723.6	44713.	4361.4	41.787	3869.7
#2	3740.4	44888.	4378.3	44.889	3893.4
#3	3742.1	44874.	4339.3	40.180	3892.5

Sample Name: CCB07 Acquired: 6/3/2019 20:00:34 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00159	-.00223	-.00123	-.00183	.00568	-.06902	.01528
Stddev	.00210	.00107	.00031	.00067	.00104	.01411	.00021
%RSD	131.91	48.094	25.073	36.271	18.361	20.440	1.3508

#1	.00014	-.00220	-.00153	-.00148	.00684	-.07519	.01549
#2	-.00099	-.00117	-.00091	-.00260	.00482	-.05288	.01507
#3	-.00392	-.00332	-.00125	-.00142	.00537	-.07899	.01528

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00013	-.02416	.00065	.00008	.00282	-.00541
Stddev	.00004	.00004	.01230	.00016	.00002	.00020	.00033
%RSD	98.126	31.092	50.900	24.566	19.940	7.0917	6.0594

#1	.00000	-.00012	-.02871	.00061	.00007	.00272	-.00528
#2	.00003	-.00009	-.01024	.00051	.00008	.00270	-.00579
#3	.00008	-.00017	-.03353	.00082	.00010	.00305	-.00517

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	-.01569	.00072	-.00065	-.04267	.00046	-.00046
Stddev	.00002	.04521	.00033	.00027	.01094	.00016	.00005
%RSD	8.5919	288.22	46.254	41.982	25.637	33.604	10.234

#1	-.00021	.03406	.00111	-.00034	-.05301	.00034	-.00042
#2	-.00021	-.05428	.00053	-.00087	-.03121	.00064	-.00051
#3	-.00024	-.02684	.00053	-.00075	-.04380	.00041	-.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10926	-.00081	-.00495	-.00263	-.00345	-.00020	.00208
Stddev	.01889	.00009	.00996	.00135	.00237	.00045	.00180
%RSD	17.291	11.691	201.25	51.517	68.497	227.76	86.528

#1	.10888	-.00077	-.00218	-.00350	-.00255	.00026	.00128
#2	.09055	-.00073	-.01600	-.00331	-.00614	-.00063	.00082
#3	.12833	-.00091	.00333	-.00107	-.00168	-.00021	.00415

Sample Name: CCB07 Acquired: 6/3/2019 20:00:34 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00319	F -0.0101	-0.00039	F 2.7200	F<.00000
Stddev	.00089	.0004	.00008	.3409	.34297
%RSD	27.791	4.329	21.217	12.533	17.727
#1	-0.00403	-0.0099	-0.00034	2.8593	-2.2683
#2	-0.00227	-0.0099	-0.00035	2.9691	-1.5831
#3	-0.00325	-0.0106	-0.00049	2.3315	-1.9529
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3896.5	46988.	4413.1	44.021	4346.9
Stddev	10.5	161.	35.8	.464	4.8
%RSD	.26860	.34280	.81194	1.0531	.11156
#1	3884.9	46840.	4412.6	44.209	4341.5
#2	3899.2	47159.	4449.2	44.361	4351.0
#3	3905.3	46966.	4377.5	43.493	4348.1

Sample Name: K2641-14A Acquired: 6/3/2019 20:05:02 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8270 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75333	1.6525	.89833	2.0180	.80174	1.8973	.40104
Stddev	.00270	.0107	.00593	.0013	.00278	.0103	.00226
%RSD	.35862	.65014	.66023	.06218	.34703	.54026	.56257

#1	.75023	1.6584	.89755	2.0174	.79882	1.9041	.40365
#2	.75519	1.6590	.90462	2.0194	.80206	1.9023	.39966
#3	.75456	1.6401	.89283	2.0171	.80435	1.8855	.39983

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19716	.18432	125.66	.40680	.19489	.29857	2.8101
Stddev	.00062	.00095	1.93	.00079	.00116	.00129	.0042
%RSD	.31325	.51524	1.5348	.19430	.59299	.43278	.15002

#1	.19787	.18456	123.98	.40737	.19436	.30006	2.8149
#2	.19677	.18514	125.25	.40589	.19621	.29780	2.8068
#3	.19683	.18328	127.77	.40712	.19409	.29783	2.8087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0959	6.6835	.45442	.06823	368.31	.30447	.25762
Stddev	.0040	.1513	.00144	.00036	1.73	.00085	.00125
%RSD	.36861	2.2638	.31628	.52095	.47055	.27881	.48702

#1	1.1001	6.8553	.45455	.06854	367.97	.30476	.25728
#2	1.0921	6.6250	.45579	.06831	370.19	.30513	.25901
#3	1.0956	6.5702	.45293	.06784	366.77	.30351	.25657

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.417	.38229	.32829	.29769	2.0809	.63475	.19098
Stddev	.148	.00161	.00958	.00766	.0365	.00432	.00361
%RSD	1.2986	.42023	2.9192	2.5728	1.7543	.68051	1.8915

#1	11.496	.38260	.31856	.30162	2.0409	.63447	.18682
#2	11.509	.38372	.32859	.30258	2.0891	.63920	.19292
#3	11.246	.38056	.33771	.28886	2.1125	.63058	.19322

Sample Name: K2641-14A Acquired: 6/3/2019 20:05:02 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8270 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20463	7.286	.72396	5.9433	F<.00000
Stddev	.00278	.039	.00839	.5203	.44468
%RSD	1.3596	.5324	1.1583	8.7539	33.248

#1	.20583	7.293	.71566	6.2962	-1.8455
#2	.20661	7.321	.72378	6.1879	-1.1479
#3	.20145	7.244	.73243	5.3458	-1.0190

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3590.3	42976.	4335.8	44.058	3714.9
Stddev	10.7	240.	34.9	1.059	22.0
%RSD	.29813	.55786	.80412	2.4038	.59192

#1	3582.7	42740.	4360.1	43.686	3710.3
#2	3585.7	42968.	4351.4	43.235	3695.5
#3	3602.5	43219.	4295.8	45.253	3738.8

Sample Name: K2641-16 Acquired: 6/3/2019 20:09:17 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00876	-.00942	-.00041	.00428	-.04563	.15390	-.00007
Stddev	.00085	.00109	.00072	.00342	.00037	.01647	.00173	.00004
%RSD	462.55	12.439	7.6731	825.50	8.6144	36.100	1.1249	56.872

#1	.00115	-.00942	-.00917	-.00405	.00397	-.03611	.15206	-.00012
#2	-.00019	-.00936	-.01023	.00007	.00419	-.06464	.15550	-.00006
#3	-.00041	-.00750	-.00885	.00273	.00469	-.03613	.15414	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	132.41	.00034	.00420	.00774	.00939	.86144	4.6435
Stddev	.00011	.95	.00015	.00008	.00018	.00033	.00316	.1772
%RSD	27.140	.71708	44.122	1.8443	2.3411	3.4984	.36697	3.8155

#1	.00052	133.50	.00018	.00428	.00792	.00905	.86260	4.4398
#2	.00030	131.92	.00036	.00414	.00773	.00970	.86385	4.7616
#3	.00040	131.80	.00048	.00416	.00756	.00942	.85786	4.7291

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00291	-.00065	341.54	-.00161	.01841	1.7697	-.00133	.00351
Stddev	.00049	.00073	2.45	.00019	.00011	.0091	.00009	.00960
%RSD	16.684	112.18	.71820	11.620	.60318	.51152	6.7380	273.85

#1	.00285	-.00136	338.94	-.00166	.01847	1.7720	-.00128	.01140
#2	.00245	-.00069	343.81	-.00140	.01848	1.7598	-.00143	-.00718
#3	.00342	.00010	341.89	-.00176	.01828	1.7774	-.00126	.00630

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11695	.57236	.00012	-.00234	.00634	-.0073	.51289	5.2644
Stddev	.00604	.00867	.00020	.00115	.00173	.0007	.00523	.3187
%RSD	5.1609	1.5141	167.34	49.002	27.342	9.470	1.0199	6.0542

#1	.12264	.58232	-.00009	-.00211	.00462	-.0080	.51885	4.9348
#2	.11758	.56652	.00015	-.00358	.00809	-.0067	.51075	5.2875
#3	.11062	.56825	.00031	-.00133	.00631	-.0070	.50907	5.5710

Sample Name: K2641-16 Acquired: 6/3/2019 20:09:17 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.30031
Stddev	.38100
%RSD	126.87

#1	.73998
#2	.09396
#3	.06700

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3622.7	43015.	4321.3	44.531	3759.6
Stddev	9.3	108.	45.0	1.106	10.5
%RSD	.25678	.25183	1.0422	2.4838	.27937

#1	3626.2	43069.	4271.6	43.705	3749.1
#2	3629.8	42890.	4332.7	45.788	3759.7
#3	3612.2	43085.	4359.5	44.102	3770.1

Sample Name: K2641-18 Acquired: 6/3/2019 20:13:52 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	-.00866	-.00323	.00040	.00360	.13274	.11203	.00010
Stddev	.00083	.00085	.00042	.00189	.00118	.01053	.00047	.00003
%RSD	162.56	9.8121	13.103	477.22	32.910	7.9339	.42158	30.668
#1	-.00035	-.00816	-.00278	-.00170	.00400	.12924	.11203	.00010
#2	-.00141	-.00819	-.00330	.00197	.00453	.14457	.11156	.00012
#3	.00023	-.00965	-.00362	.00092	.00227	.12440	.11250	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	28.307	.00260	.00317	.01255	.40822	.53547	1.6826
Stddev	.00001	.083	.00016	.00016	.00038	.00222	.00267	.0538
%RSD	14.720	.29378	6.1969	4.9792	2.9957	.54289	.49903	3.1952
#1	.00007	28.230	.00276	.00335	.01213	.41078	.53321	1.6311
#2	.00010	28.296	.00259	.00306	.01271	.40712	.53477	1.6783
#3	.00009	28.395	.00244	.00310	.01283	.40677	.53842	1.7383
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00287	-.00037	312.13	-.00073	.03177	1.0836	-.00118	.01342
Stddev	.00025	.00016	2.75	.00028	.00030	.0499	.00009	.01783
%RSD	8.7487	44.142	.88242	37.871	.93116	4.6089	7.5366	132.87
#1	.00288	-.00055	309.48	-.00066	.03148	1.0270	-.00126	.02411
#2	.00311	-.00035	311.93	-.00104	.03207	1.1214	-.00109	.02332
#3	.00261	-.00022	314.97	-.00050	.03177	1.1024	-.00120	-.00716
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32214	1.5483	-.00107	.00270	-.00098	-.0085	.11382	5.0010
Stddev	.00628	.0287	.00067	.00211	.00118	.0006	.00031	.2769
%RSD	1.9505	1.8522	62.050	78.254	119.75	7.572	.26940	5.5375
#1	.31640	1.5814	-.00032	.00207	-.00168	-.0080	.11346	4.7091
#2	.32885	1.5307	-.00159	.00505	.00038	-.0092	.11403	5.2601
#3	.32118	1.5328	-.00131	.00097	-.00165	-.0083	.11396	5.0339

Sample Name: K2641-18 Acquired: 6/3/2019 20:13:52 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.13065
%RSD	33.736

#1	-.53758
#2	-.32331
#3	-.30093

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3711.5	44144.	4396.1	43.420	3894.1
Stddev	15.3	58.	31.2	.513	31.2
%RSD	.41266	.13102	.70955	1.1820	.80177

#1	3693.8	44203.	4360.3	43.761	3885.4
#2	3720.0	44088.	4417.8	42.830	3868.2
#3	3720.7	44142.	4410.1	43.668	3928.8

Sample Name: K2641-20 Acquired: 6/3/2019 20:18:27 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00114	-.00818	.00122	-.00136	.00390	.14120	.13153	.00007
Stddev	.00190	.00021	.00028	.00311	.00064	.01428	.00057	.00005
%RSD	166.81	2.5916	23.075	228.79	16.406	10.113	.43054	68.989

#1	.00046	-.00794	.00107	-.00492	.00418	.15757	.13118	.00005
#2	-.00324	-.00824	.00105	.00000	.00434	.13476	.13218	.00004
#3	-.00064	-.00835	.00155	.00084	.00316	.13129	.13122	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	41.572	.00082	.00518	.01069	.78912	.63470	3.0308
Stddev	.00005	.144	.00002	.00031	.00036	.00181	.00132	.0460
%RSD	38.448	.34712	3.0240	5.9559	3.3320	.22985	.20811	1.5176

#1	.00008	41.511	.00085	.00541	.01028	.78764	.63363	2.9777
#2	.00018	41.468	.00081	.00531	.01093	.78858	.63428	3.0589
#3	.00015	41.737	.00080	.00483	.01086	.79114	.63618	3.0559

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00360	-.00048	344.32	-.00133	.03914	.86982	-.00149	.02044
Stddev	.00020	.00051	4.56	.00048	.00015	.02945	.00019	.00414
%RSD	5.6571	105.72	1.3256	36.418	.38871	3.3860	12.727	20.275

#1	.00383	-.00097	340.60	-.00098	.03899	.86299	-.00153	.02255
#2	.00356	-.00051	342.95	-.00113	.03929	.84439	-.00129	.01567
#3	.00343	.00004	349.42	-.00188	.03913	.90209	-.00166	.02311

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58989	2.0109	-.00039	.00377	.00056	-.0065	.15787	6.0814
Stddev	.00279	.0157	.00063	.00117	.00046	.0008	.00064	.0897
%RSD	.47248	.78060	161.10	31.001	81.612	12.30	.40419	1.4748

#1	.58760	2.0045	.00022	.00281	.00065	-.0062	.15714	6.1240
#2	.59300	1.9994	-.00104	.00507	.00006	-.0060	.15823	5.9784
#3	.58909	2.0288	-.00036	.00343	.00096	-.0075	.15825	6.1418

Sample Name: K2641-20 Acquired: 6/3/2019 20:18:27 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .17060
 %RSD 38.673

#1 -.57686
 #2 -.49692
 #3 -.24963

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3679.5	44193.	4386.2	44.087	3819.1
Stddev	4.7	234.	22.8	.956	23.4
%RSD	.12907	.52851	.51891	2.1694	.61390

#1	3681.7	43938.	4361.6	43.186	3846.2
#2	3682.8	44245.	4406.6	43.984	3806.0
#3	3674.1	44396.	4390.5	45.091	3805.2

Sample Name: K2641-22 Acquired: 6/3/2019 20:23:02 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00817	-.00087	.00119	.00563	.04277	.14389	.00013
Stddev	.00111	.00073	.00024	.00018	.00141	.00149	.00141	.00004
%RSD	1331.6	8.9536	27.168	15.017	25.047	3.4725	.97667	31.410

#1	-.00136	-.00898	-.00086	.00109	.00702	.04106	.14546	.00017
#2	.00049	-.00756	-.00112	.00140	.00566	.04379	.14275	.00012
#3	.00062	-.00798	-.00065	.00110	.00420	.04345	.14346	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	58.357	.00084	.00437	.00800	.16513	.57519	4.3738
Stddev	.00005	.560	.00033	.00012	.00025	.00137	.00235	.1391
%RSD	8.8793	.95898	38.805	2.7863	3.1605	.82976	.40895	3.1792

#1	.00053	57.797	.00046	.00425	.00772	.16514	.57788	4.5208
#2	.00057	58.916	.00104	.00449	.00820	.16649	.57417	4.2443
#3	.00048	58.358	.00101	.00438	.00807	.16375	.57351	4.3564

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00303	-.00077	384.41	-.00093	.03594	1.3033	-.00114	.01509
Stddev	.00015	.00040	2.42	.00005	.00030	.0469	.00022	.01108
%RSD	4.8242	52.784	.62999	5.0842	.83612	3.6006	19.639	73.431

#1	.00320	-.00039	384.14	-.00097	.03582	1.3338	-.00135	.02097
#2	.00293	-.00119	382.14	-.00094	.03628	1.3269	-.00116	.02199
#3	.00297	-.00072	386.96	-.00087	.03572	1.2493	-.00090	.00231

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30050	.99412	-.00061	.00168	.00149	-.0067	.24218	6.5869
Stddev	.00195	.02245	.00070	.00091	.00080	.0009	.00153	.0312
%RSD	.64984	2.2587	115.48	54.499	53.857	13.04	.63184	.47371

#1	.29848	.97992	-.00005	.00258	.00228	-.0070	.24041	6.5838
#2	.30238	1.0200	-.00140	.00169	.00153	-.0057	.24310	6.5574
#3	.30064	.98244	-.00038	.00075	.00067	-.0073	.24302	6.6196

Sample Name: K2641-22 Acquired: 6/3/2019 20:23:02 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-02-053119 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .36502
 %RSD 157.41

#1 -.60250
 #2 .12727
 #3 -.22042

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3676.4	44099.	4448.6	44.072	3799.8
Stddev	1.1	183.	48.9	.477	23.5
%RSD	.03127	.41542	1.0984	1.0822	.61785

#1	3675.3	43888.	4487.7	44.364	3804.0
#2	3676.3	44208.	4393.8	44.330	3774.5
#3	3677.6	44203.	4464.4	43.522	3820.9

Sample Name: K3135-02 Acquired: 6/3/2019 20:27:36 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ROLL-OFF-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00166	-.00847	-.01138	.00062	.00497	.21897	.28739	.00010
Stddev	.00103	.00054	.00062	.00062	.00078	.00655	.00366	.00008
%RSD	62.117	6.3227	5.4472	99.899	15.763	2.9931	1.2726	81.826

#1	.00284	-.00893	-.01076	.00031	.00448	.21243	.28737	.00013
#2	.00097	-.00858	-.01200	.00134	.00587	.22554	.29106	.00001
#3	.00117	-.00788	-.01138	.00022	.00455	.21895	.28375	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	95.940	.00078	.00029	.00625	.32936	.31618	16.905
Stddev	.00004	.758	.00009	.00029	.00022	.00436	.00104	.154
%RSD	38.831	.79043	11.554	99.251	3.5908	1.3248	.33038	.91186

#1	-.00006	95.957	.00085	.00062	.00613	.33160	.31722	16.809
#2	-.00013	95.173	.00068	.00010	.00611	.33216	.31513	17.083
#3	-.00014	96.689	.00082	.00015	.00651	.32434	.31621	16.824

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00221	-.00074	294.66	.00059	.02068	1.5636	-.00165	.02178
Stddev	.00020	.00067	2.98	.00017	.00003	.0119	.00043	.01086
%RSD	9.1495	89.712	1.0098	28.388	.15342	.76189	25.873	49.841

#1	.00200	-.00097	294.60	.00058	.02071	1.5562	-.00213	.02305
#2	.00221	-.00127	297.66	.00077	.02068	1.5774	-.00132	.03195
#3	.00241	.00001	291.71	.00043	.02065	1.5573	-.00150	.01035

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23640	1.1155	-.00085	.01356	.00596	.0016	.10381	6.4898
Stddev	.00291	.0106	.00111	.00134	.00187	.0021	.00023	.1891
%RSD	1.2300	.94918	130.71	9.9185	31.315	132.6	.22370	2.9133

#1	.23732	1.1240	-.00118	.01292	.00465	.0036	.10369	6.6764
#2	.23874	1.1036	-.00176	.01265	.00513	.0018	.10366	6.4947
#3	.23315	1.1188	.00039	.01510	.00810	-.0006	.10408	6.2984

Sample Name: K3135-02 Acquired: 6/3/2019 20:27:36 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ROLL-OFF-COM Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .34937
 %RSD 1257.5

#1 -.32363
 #2 .35766
 #3 -.11738

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3638.6	43735.	4355.4	44.234	3812.7
Stddev	2.5	218.	31.6	1.410	18.4
%RSD	.06922	.49750	.72552	3.1879	.48250

#1	3636.6	43486.	4339.6	43.860	3797.4
#2	3637.9	43834.	4391.7	45.793	3807.6
#3	3641.4	43886.	4334.7	43.048	3833.1

Sample Name: K3137-01 Acquired: 6/3/2019 20:32:09 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 291 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	-.00883	-.01271	-.00157	.00437	.10861	.44243	-.00006
Stddev	.00156	.00044	.00086	.00243	.00160	.00740	.00344	.00006
%RSD	103.27	4.9870	6.7277	155.49	36.684	6.8110	.77764	96.081

#1	-.00265	-.00903	-.01187	.00053	.00342	.10824	.43947	-.00009
#2	-.00217	-.00912	-.01358	-.00423	.00347	.11618	.44162	.00001
#3	.00027	-.00832	-.01268	-.00099	.00622	.10140	.44621	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	169.94	.02038	-.00015	.01087	.00066	-.00018	-.02493
Stddev	.00003	1.86	.00035	.00023	.00026	.00023	.00006	.10641
%RSD	11.375	1.0933	1.7295	152.96	2.3944	35.742	32.420	426.92

#1	-.00024	169.30	.02049	-.00010	.01060	.00064	-.00021	-.12239
#2	-.00023	168.49	.01998	-.00041	.01112	.00090	-.00022	.08861
#3	-.00029	172.03	.02066	.00005	.01088	.00043	-.00011	-.04100

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00192	-.00083	291.11	.00070	.00835	7.1463	.00168	.00575
Stddev	.00036	.00027	1.41	.00041	.00024	.0788	.00020	.01480
%RSD	18.748	32.642	.48550	58.732	2.8391	1.1022	11.784	257.49

#1	-.00182	-.00052	291.05	.00047	.00830	7.0576	.00186	.00645
#2	-.00163	-.00096	292.55	.00118	.00814	7.2081	.00171	-.00939
#3	-.00232	-.00100	289.73	.00046	.00861	7.1730	.00147	.02019

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67632	.35890	-.00032	-.00233	.01358	-.0069	1.5763	6.1684
Stddev	.00379	.00221	.00023	.00172	.00151	.0016	.0161	.1305
%RSD	.56107	.61558	70.943	73.820	11.107	23.11	1.0222	2.1150

#1	.67208	.35855	-.00057	-.00405	.01507	-.0055	1.5763	6.2940
#2	.67940	.35689	-.00012	-.00061	.01363	-.0065	1.5602	6.0335
#3	.67749	.36127	-.00028	-.00231	.01205	-.0086	1.5924	6.1776

Sample Name: K3137-01 Acquired: 6/3/2019 20:32:09 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 291 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .62430
 Stddev .36298
 %RSD 58.142

#1 .78213
 #2 .88165
 #3 .20912

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3595.6	43160.	4351.8	42.704	3746.0
Stddev	24.0	65.	31.1	1.098	23.3
%RSD	.66746	.14975	.71490	2.5710	.62290

#1	3623.2	43157.	4331.1	42.361	3763.8
#2	3584.5	43097.	4387.6	43.932	3754.7
#3	3579.2	43226.	4336.8	41.818	3719.6

Sample Name: K3138-11 Acquired: 6/3/2019 20:36:44 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-11-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	.00064	-.01093	-.01203	.00411	.00627	-.08079	.46133	.00025
Stddev	.00339	.00052	.00055	.00151	.00170	.00895	.00268	.00004
%RSD	532.58	4.7431	4.5332	36.643	27.174	11.081	.58070	14.776

#1	.00455	-.01049	-.01252	.00535	.00642	-.07046	.45865	.00028
#2	-.00141	-.01081	-.01144	.00244	.00790	-.08591	.46401	.00021
#3	-.00123	-.01150	-.01213	.00455	.00450	-.08602	.46132	.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	103.33	-.00323	.02523	.00585	10.825	4.2229	5.4386
Stddev	.00003	.66	.00039	.00018	.00029	.009	.0178	.0281
%RSD	3.9982	.63851	12.002	.70299	4.9446	.07960	.42149	.51738

#1	-.00071	102.64	-.00290	.02506	.00612	10.835	4.2212	5.4354
#2	-.00076	103.95	-.00313	.02541	.00588	10.818	4.2415	5.4122
#3	-.00072	103.41	-.00365	.02522	.00554	10.821	4.2060	5.4682

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10790	-.00053	312.10	-.01102	.07676	3.5556	-.00169	.04457
Stddev	.00049	.00018	1.83	.00014	.00026	.0267	.00026	.01968
%RSD	.45035	33.136	.58645	1.3147	.33266	.75140	15.128	44.148

#1	.10748	-.00056	311.38	-.01088	.07675	3.5336	-.00160	.05835
#2	.10778	-.00034	314.18	-.01117	.07651	3.5853	-.00149	.05333
#3	.10843	-.00069	310.74	-.01100	.07702	3.5480	-.00198	.02203

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96901	5.2157	-.00107	-.00111	.00618	.0041	.49916	6.4317
Stddev	.00253	.0088	.00045	.00096	.00136	.0023	.00442	.3848
%RSD	.26088	.16838	42.216	86.451	21.975	56.12	.88496	5.9830

#1	.96648	5.2067	-.00057	-.00181	.00461	.0055	.49413	6.3467
#2	.97154	5.2162	-.00144	-.00152	.00691	.0014	.50241	6.0965
#3	.96902	5.2242	-.00120	-.00001	.00700	.0053	.50094	6.8519

Sample Name: K3138-11 Acquired: 6/3/2019 20:36:44 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-11-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .33116
 Stddev .63161
 %RSD 190.73

#1 1.0099
 #2 -.23929
 #3 .22285

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3607.1	43130.	4336.1	42.128	3759.6
Stddev	30.5	96.	11.4	.918	23.3
%RSD	.84681	.22161	.26197	2.1779	.62104

#1	3585.3	43065.	4348.1	42.941	3737.1
#2	3594.1	43085.	4325.6	41.133	3757.9
#3	3642.0	43240.	4334.5	42.309	3783.7

Sample Name: K3138-12 Acquired: 6/3/2019 20:41:16 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-10-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00204	-.00686	-.01385	-.00073	.00561	-.04267	.39753	.00007
Stddev	.00318	.00232	.00056	.00050	.00075	.01624	.00218	.00001
%RSD	155.82	33.762	4.0439	68.566	13.331	38.051	.54770	9.1337

#1	-.00026	-.00949	-.01442	-.00079	.00614	-.02844	.40003	.00007
#2	.00566	-.00510	-.01384	-.00119	.00593	-.03922	.39651	.00006
#3	.00071	-.00600	-.01330	-.00020	.00476	-.06035	.39606	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	19.569	.00045	.00284	.00374	2.4083	.36596	11.015
Stddev	.00008	.053	.00038	.00032	.00010	.0081	.00023	.139
%RSD	23.156	.26970	83.320	11.359	2.7906	.33471	.06272	1.2595

#1	-.00026	19.531	.00086	.00250	.00378	2.4175	.36581	11.042
#2	-.00041	19.546	.00038	.00314	.00382	2.4053	.36622	10.865
#3	-.00039	19.629	.00011	.00288	.00362	2.4023	.36585	11.139

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01280	-.00052	264.66	.00013	.06965	.96840	-.00144	.05272
Stddev	.00028	.00023	2.00	.00043	.00027	.05300	.00008	.00247
%RSD	2.1641	43.158	.75707	337.30	.38147	5.4731	5.4070	4.6915

#1	.01252	-.00026	266.82	.00014	.06975	.93647	-.00140	.05469
#2	.01308	-.00067	262.86	-.00030	.06935	.93916	-.00153	.05351
#3	.01280	-.00064	264.31	.00055	.06985	1.0296	-.00140	.04994

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26009	1.4919	-.00131	.00319	-.00068	-.0058	.06338	5.0062
Stddev	.00406	.0095	.00020	.00268	.00114	.0035	.00008	.3593
%RSD	1.5623	.63785	15.259	84.027	166.42	60.60	.12305	7.1762

#1	.25812	1.4876	-.00111	.00075	-.00189	-.0038	.06331	5.4208
#2	.26476	1.5028	-.00151	.00605	-.00053	-.0037	.06337	4.8094
#3	.25739	1.4852	-.00132	.00276	.00037	-.0098	.06347	4.7883

Sample Name: K3138-12 Acquired: 6/3/2019 20:41:16 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-10-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .14892
 %RSD 16.355

#1 -.76040
 #2 -1.0582
 #3 -.91304

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3691.4	43920.	4352.6	44.998	3868.9
Stddev	14.9	140.	18.6	.992	12.9
%RSD	.40339	.31768	.42675	2.2049	.33356

#1	3694.7	43804.	4350.8	44.255	3867.1
#2	3704.4	43881.	4334.9	44.616	3882.5
#3	3675.2	44075.	4371.9	46.125	3856.9

Sample Name: K3138-13 Acquired: 6/3/2019 20:45:49 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-09-COMP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00200	-.00973	-.00916	-.00096	.00411	-.05904	.29935	.00030
Stddev	.00148	.00044	.00072	.00084	.00134	.01382	.00118	.00006
%RSD	74.314	4.5596	7.8411	88.252	32.636	23.415	.39538	21.702

#1	.00278	-.00935	-.00983	-.00023	.00524	-.04541	.30068	.00027
#2	.00029	-.01022	-.00840	-.00076	.00446	-.07304	.29841	.00025
#3	.00292	-.00963	-.00925	-.00188	.00263	-.05866	.29896	.00037

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	81.198	-.00093	.01937	.00466	6.0125	1.4214	1.9611
Stddev	.00003	.207	.00017	.00027	.00033	.0113	.0024	.0049
%RSD	7.1596	.25491	18.471	1.3795	7.0945	.18743	.17194	.24825

#1	-.00039	80.959	-.00096	.01938	.00504	6.0073	1.4233	1.9570
#2	-.00039	81.335	-.00109	.01963	.00449	6.0047	1.4186	1.9598
#3	-.00044	81.298	-.00075	.01909	.00445	6.0254	1.4224	1.9665

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07723	-.00042	323.59	-.00284	.09280	2.9627	-.00169	.03272
Stddev	.00051	.00045	1.46	.00052	.00038	.0615	.00019	.00786
%RSD	.66624	108.52	.45164	18.120	.41423	2.0762	11.135	24.010

#1	.07663	.00010	322.71	-.00230	.09314	2.8937	-.00190	.03759
#2	.07750	-.00074	325.28	-.00333	.09289	3.0117	-.00154	.02366
#3	.07755	-.00061	322.78	-.00290	.09239	2.9828	-.00163	.03691

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63267	2.5054	-.00078	.00152	.00393	.0113	.33755	5.5999
Stddev	.00521	.0073	.00020	.00179	.00089	.0020	.00031	.0378
%RSD	.82323	.29226	25.109	117.38	22.591	17.27	.09150	.67422

#1	.62851	2.5138	-.00079	.00322	.00291	.0121	.33759	5.5671
#2	.63100	2.5016	-.00097	-.00034	.00439	.0128	.33783	5.6412
#3	.63851	2.5007	-.00058	.00169	.00450	.0091	.33722	5.5914

Sample Name: K3138-13 Acquired: 6/3/2019 20:45:49 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-09-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .38502
 Stddev .23839
 %RSD 61.915

#1 .44489
 #2 .58776
 #3 .12241

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3656.9	43315.	4280.5	41.321	3798.4
Stddev	16.7	93.	8.3	.341	10.9
%RSD	.45596	.21392	.19428	.82638	.28818

#1	3666.4	43208.	4272.3	41.639	3808.5
#2	3637.7	43369.	4280.2	40.960	3786.8
#3	3666.7	43368.	4288.9	41.362	3799.8

Sample Name: CCV08 Acquired: 6/3/2019 20:50:21 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 1A-1B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7401	F 4.4566	4.6294	4.9186	5.0632	F 8.8837	10.175	.24705
Stddev	.0173	.0095	.0037	.0200	.0138	.0978	.043	.00055
%RSD	.36471	.21267	.07954	.40571	.27340	1.1005	.42557	.22436
#1	4.7218	4.4457	4.6296	4.8980	5.0488	8.8833	10.137	.24768
#2	4.7562	4.4626	4.6257	4.9201	5.0645	8.7862	10.165	.24676
#3	4.7423	4.4614	4.6330	4.9378	5.0764	8.9817	10.222	.24670
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3287	25.014	1.0111	2.3957	1.2240	4.7133	2.4597	23.643
Stddev	.0038	.071	.0026	.0011	.0029	.0155	.0044	.152
%RSD	.16280	.28578	.25414	.04461	.23645	.32795	.18051	.64352
#1	2.3246	24.949	1.0099	2.3947	1.2207	4.7077	2.4569	23.808
#2	2.3294	25.002	1.0093	2.3968	1.2263	4.7014	2.4573	23.508
#3	2.3321	25.090	1.0140	2.3955	1.2249	4.7307	2.4648	23.614
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2800	1.1863	23.396	2.4714	2.4461	23.642	4.6846	4.7111
Stddev	.0034	.0019	.046	.0085	.0012	.129	.0050	.0505
%RSD	.15043	.15834	.19859	.34470	.05084	.54630	.10771	1.0716
#1	2.2760	1.1881	23.363	2.4670	2.4456	23.530	4.6788	4.7272
#2	2.2819	1.1844	23.376	2.4659	2.4452	23.613	4.6877	4.6545
#3	2.2820	1.1865	23.449	2.4812	2.4475	23.784	4.6873	4.7516
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9003	4.6902	4.5905	4.8388	4.8954	F 5.888	4.8553	F 5.9841
Stddev	.0127	.0140	.0081	.0216	.0100	.009	.0209	.1677
%RSD	.26008	.29810	.17718	.44724	.20402	.1493	.43019	2.8025
#1	4.8861	4.6866	4.5992	4.8241	4.8840	5.885	4.8313	6.0402
#2	4.9042	4.7057	4.5831	4.8286	4.8999	5.898	4.8648	5.7955
#3	4.9107	4.6784	4.5892	4.8637	4.9024	5.881	4.8697	6.1165

Sample Name: CCV08 Acquired: 6/3/2019 20:50:21 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 1A-1B Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .24679
Stddev	.07443
%RSD	30.160

#1	.16966
#2	.25250
#3	.31820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3745.9	44765.	4204.6	40.858	3885.8
Stddev	2.4	175.	8.1	.713	4.4
%RSD	.06288	.39090	.19236	1.7451	.11266

#1	3748.5	44608.	4196.6	41.669	3881.2
#2	3744.0	44953.	4204.4	40.575	3886.4
#3	3745.1	44733.	4212.8	40.330	3889.9

Sample Name: CC0B8 Acquired: 6/3/2019 20:54:19 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 1A-1BDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00130	-.00383	-.00180	-.00039	.00431	-.08274	.01389
Stddev	.00139	.00013	.00052	.00040	.00094	.00722	.00029
%RSD	106.59	3.3957	28.664	102.77	21.760	8.7311	2.1050

#1	.00011	-.00381	-.00217	.00007	.00434	-.08831	.01366
#2	-.00135	-.00372	-.00121	-.00065	.00523	-.08535	.01379
#3	-.00267	-.00397	-.00203	-.00060	.00336	-.07458	.01422

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00025	-.03003	.00044	.00018	.00255	-.00530
Stddev	.00006	.00006	.00908	.00010	.00008	.00015	.00026
%RSD	83.914	23.355	30.233	22.819	42.932	6.0477	4.9469

#1	.00002	-.00031	-.03853	.00055	.00015	.00269	-.00500
#2	.00006	-.00024	-.02047	.00041	.00027	.00258	-.00549
#3	.00013	-.00020	-.03110	.00036	.00012	.00238	-.00541

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	.00996	.00003	-.00008	-.02333	.00037	-.00043
Stddev	.00004	.06308	.00050	.00068	.00583	.00042	.00009
%RSD	20.423	633.00	1725.5	877.79	24.997	114.50	19.886

#1	-.00025	.05331	-.00009	-.00017	-.01773	.00079	-.00038
#2	-.00019	.03898	-.00040	-.00070	-.02937	-.00006	-.00038
#3	-.00018	-.06240	.00058	.00064	-.02289	.00037	-.00053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09348	-.00097	-.00443	.00040	-.00684	-.00090	.00385
Stddev	.03879	.00032	.00894	.00139	.00181	.00043	.00036
%RSD	41.497	32.675	201.59	346.37	26.473	47.694	9.4502

#1	.10581	-.00094	.00438	.00119	-.00515	-.00076	.00344
#2	.12461	-.00066	-.01349	-.00120	-.00662	-.00056	.00409
#3	.05002	-.00129	-.00418	.00121	-.00875	-.00139	.00403

Sample Name: CC0B8 Acquired: 6/3/2019 20:54:19 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 1A-1BDUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00463	-0.0094	-0.00029	F 3.9097	F<.00000
Stddev	.00311	.0003	.00002	.0743	.12517
%RSD	67.242	3.600	7.6970	1.8999	9.4396

#1	-0.00635	-0.0092	-0.00027	3.8261	-1.4665
#2	-0.00649	-0.0093	-0.00031	3.9349	-1.2848
#3	-0.00103	-0.0098	-0.00030	3.9681	-1.2266

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3919.7	46967.	4261.1	43.672	4364.1
Stddev	10.3	140.	32.0	1.664	14.6
%RSD	.26228	.29907	.75049	3.8092	.33502

#1	3911.2	46807.	4224.3	41.961	4353.5
#2	3916.9	47068.	4282.5	45.284	4358.1
#3	3931.1	47025.	4276.5	43.770	4380.8

Sample Name: K3138-14 Acquired: 6/3/2019 20:58:47 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-08-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00867	-.00981	.00067	.00649	-.10957	.21571	-.00012
Stddev	.00332	.00085	.00074	.00281	.00028	.01136	.00194	.00003
%RSD	4483.5	9.8081	7.5522	418.33	4.2878	10.364	.89909	24.141

#1	.00375	-.00874	-.00896	-.00149	.00679	-.10992	.21552	-.00011
#2	-.00195	-.00949	-.01019	.00384	.00623	-.12074	.21387	-.00015
#3	-.00203	-.00779	-.01029	-.00034	.00644	-.09804	.21774	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	142.33	-.00011	.00200	.00506	-.00921	1.3858	2.2588
Stddev	.00006	.98	.00042	.00018	.00020	.00045	.0074	.0328
%RSD	83.790	.68671	397.59	8.8586	3.8742	4.8555	.53103	1.4544

#1	-.00002	141.21	-.00001	.00215	.00518	-.00940	1.3885	2.2623
#2	-.00006	143.03	.00026	.00181	.00517	-.00869	1.3775	2.2897
#3	-.00014	142.75	-.00056	.00205	.00484	-.00952	1.3915	2.2243

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01003	-.00068	291.59	-.00115	.04426	1.6967	-.00099	.03117
Stddev	.00042	.00050	3.15	.00044	.00019	.0127	.00020	.01140
%RSD	4.1841	73.039	1.0802	38.561	.42248	.74594	20.154	36.570

#1	.00954	-.00080	287.96	-.00117	.04406	1.6835	-.00078	.02116
#2	.01023	-.00014	293.24	-.00070	.04442	1.6980	-.00118	.04358
#3	.01030	-.00111	293.57	-.00159	.04432	1.7087	-.00101	.02876

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3738	5.2743	-.00010	-.00193	.00632	-.0025	.29467	6.2953
Stddev	.0010	.0293	.00110	.00149	.00280	.0023	.00045	.3115
%RSD	.04109	.55538	1061.2	77.163	44.333	92.12	.15431	4.9475

#1	2.3749	5.2731	-.00051	-.00363	.00507	-.0045	.29508	6.0782
#2	2.3730	5.3042	.00114	-.00134	.00436	.0001	.29419	6.6522
#3	2.3736	5.2456	-.00093	-.00083	.00953	-.0032	.29475	6.1555

Sample Name: K3138-14 Acquired: 6/3/2019 20:58:47 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-08-COMP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .40393
Stddev .07584
%RSD 18.774

#1 .37163
#2 .34959
#3 .49057

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3582.8	43215.	4264.8	42.538	3752.0
Stddev	7.9	139.	37.4	2.110	4.0
%RSD	.22090	.32227	.87662	4.9596	.10681

#1	3573.9	43212.	4250.4	42.904	3750.8
#2	3585.4	43355.	4236.7	40.269	3748.8
#3	3589.1	43077.	4307.2	44.440	3756.5

Sample Name: K3138-15 Acquired: 6/3/2019 21:03:20 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-07-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00920	-.01048	-.00144	.00539	-.11037	.19016	-.00009
Stddev	.00209	.00067	.00065	.00206	.00028	.02004	.00118	.00003
%RSD	4095.2	7.2356	6.1897	142.68	5.1834	18.154	.62207	32.682

#1	.00145	-.00866	-.01006	-.00098	.00507	-.12078	.18908	-.00007
#2	.00084	-.00900	-.01123	.00035	.00556	-.08727	.18998	-.00012
#3	-.00244	-.00994	-.01016	-.00370	.00554	-.12305	.19143	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	166.71	.00024	.00164	.00482	-.01189	.48918	3.5979
Stddev	.00011	.21	.00005	.00016	.00058	.00009	.00134	.0177
%RSD	48.087	.12541	19.745	9.7609	11.959	.72012	.27478	.49264

#1	-.00015	166.47	.00026	.00159	.00545	-.01184	.48774	3.6079
#2	-.00036	166.87	.00028	.00182	.00468	-.01185	.48937	3.5775
#3	-.00018	166.78	.00019	.00152	.00433	-.01199	.49041	3.6085

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01202	-.00039	349.17	-.00007	.05617	2.7336	-.00133	.04484
Stddev	.00030	.00051	1.04	.00026	.00025	.0298	.00021	.00416
%RSD	2.4993	128.94	.29784	360.79	.43753	1.0895	15.832	9.2771

#1	.01171	-.00069	348.11	.00022	.05645	2.7115	-.00149	.04511
#2	.01231	-.00068	349.21	-.00028	.05602	2.7219	-.00142	.04056
#3	.01205	.00019	350.19	-.00016	.05604	2.7675	-.00109	.04887

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6291	5.7431	-.00092	-.00283	.01023	.0358	.44043	6.4832
Stddev	.0150	.0257	.00097	.00064	.00089	.0033	.00073	.2648
%RSD	.57047	.44755	105.86	22.746	8.7272	9.171	.16497	4.0842

#1	2.6462	5.7503	-.00027	-.00227	.00947	.0384	.44037	6.5207
#2	2.6183	5.7645	-.00045	-.00354	.01121	.0368	.43973	6.2016
#3	2.6228	5.7146	-.00204	-.00269	.01001	.0321	.44118	6.7272

Sample Name: K3138-15 Acquired: 6/3/2019 21:03:20 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-07-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .62128
 Stddev .34649
 %RSD 55.770

#1 .56183
 #2 .30836
 #3 .99364

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3554.5	42408.	4210.3	41.674	3697.0
Stddev	19.8	118.	17.6	1.501	9.3
%RSD	.55749	.27910	.41808	3.6027	.25177

#1	3536.0	42344.	4192.4	40.506	3696.3
#2	3552.0	42545.	4211.0	41.149	3688.1
#3	3575.4	42336.	4227.6	43.368	3706.7

Sample Name: K3139-04 Acquired: 6/3/2019 21:07:52 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1A-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	-.00678	-.00807	-.00252	.00539	.10521	.09136	-.00001
Stddev	.00053	.00079	.00116	.00097	.00110	.00920	.00119	.00003
%RSD	327.07	11.610	14.405	38.446	20.381	8.7491	1.3048	610.34

#1	-.00070	-.00728	-.00937	-.00262	.00524	.11480	.09002	.00000
#2	-.00015	-.00718	-.00713	-.00151	.00437	.10436	.09178	.00002
#3	.00036	-.00587	-.00771	-.00344	.00655	.09645	.09229	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	3.5830	.00117	.00022	.00846	.07916	.08342	.27651
Stddev	.00004	.0110	.00037	.00022	.00020	.00033	.00072	.04402
%RSD	19.193	.30666	31.818	101.59	2.3653	.41754	.86019	15.920

#1	-.00025	3.5943	.00145	.00029	.00870	.07904	.08263	.25810
#2	-.00018	3.5724	.00075	.00039	.00836	.07953	.08404	.24469
#3	-.00026	3.5822	.00133	-.00003	.00834	.07890	.08357	.32675

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00170	-.00041	284.46	.00024	.03344	.50815	-.00149	.00842
Stddev	.00011	.00022	.91	.00020	.00006	.03300	.00020	.00662
%RSD	6.7392	53.960	.31872	81.084	.16885	6.4936	13.627	78.570

#1	.00161	-.00059	283.45	.00006	.03341	.48647	-.00138	.01456
#2	.00166	-.00016	285.20	.00023	.03340	.54613	-.00172	.00141
#3	.00183	-.00049	284.72	.00045	.03350	.49186	-.00136	.00930

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11130	.53077	-.00069	.00863	-.00263	.0045	.02183	5.3851
Stddev	.00346	.00559	.00032	.00158	.00087	.0007	.00007	.2022
%RSD	3.1107	1.0527	45.555	18.302	33.102	16.63	.32029	3.7552

#1	.11528	.53718	-.00104	.00980	-.00176	.0038	.02175	5.5542
#2	.10966	.52689	-.00062	.00925	-.00262	.0053	.02187	5.4400
#3	.10896	.52826	-.00042	.00683	-.00349	.0043	.02187	5.1611

Sample Name: K3139-04 Acquired: 6/3/2019 21:07:52 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1A-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .47561
 %RSD 51.259

#1 -1.4342
 #2 -.49059
 #3 -.85873

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3680.2	43947.	4289.8	43.289	3852.9
Stddev	5.1	29.	48.1	1.803	3.0
%RSD	.13745	.06632	1.1222	4.1651	.07851

#1	3684.7	43952.	4239.7	41.550	3856.0
#2	3674.8	43973.	4293.9	43.168	3850.0
#3	3681.1	43915.	4335.7	45.150	3852.8

Sample Name: K3139-08 Acquired: 6/3/2019 21:12:29 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1A-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	-.00802	-.01436	.00040	.00601	.04186	.06655
Stddev	.00118	.00046	.00092	.00124	.00161	.00574	.00127
%RSD	263.26	5.7003	6.3925	308.50	26.723	13.700	1.9158

#1	-.00095	-.00754	-.01343	.00102	.00572	.03588	.06537
#2	.00090	-.00806	-.01437	.00121	.00457	.04238	.06638
#3	-.00130	-.00845	-.01527	-.00103	.00775	.04732	.06790

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00030	.52434	.00102	-.00013	.00531	.03442
Stddev	.00006	.00004	.00823	.00016	.00013	.00039	.00025
%RSD	211.76	13.119	1.5691	15.963	102.29	7.3161	.72262

#1	.00002	-.00034	.52769	.00088	-.00000	.00564	.03432
#2	-.00003	-.00030	.51496	.00120	-.00026	.00542	.03471
#3	.00008	-.00026	.53036	.00097	-.00012	.00488	.03424

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03772	.01952	.00119	.00037	251.78	.00019	.01130
Stddev	.00037	.02895	.00032	.00009	1.33	.00015	.00005
%RSD	.97206	148.34	26.549	25.331	.52627	77.063	.47540

#1	.03741	.05294	.00096	.00029	251.15	.00005	.01125
#2	.03812	.00338	.00155	.00035	250.88	.00018	.01129
#3	.03763	.00223	.00106	.00047	253.30	.00034	.01136

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22257	-.00160	-.00711	.04817	.20176	-.00096	.00423
Stddev	.01342	.00021	.01257	.00093	.00221	.00047	.00069
%RSD	6.0290	13.200	176.82	1.9344	1.0976	49.167	16.339

#1	.23069	-.00185	-.02067	.04891	.20412	-.00087	.00361
#2	.22994	-.00150	.00415	.04712	.20143	-.00147	.00412
#3	.20708	-.00146	-.00481	.04848	.19972	-.00054	.00498

Sample Name: K3139-08 Acquired: 6/3/2019 21:12:29 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1A-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00514	-0.0058	.00303	4.7361	F<.00000
Stddev	.00171	.0016	.00008	.1157	.14590
%RSD	33.191	27.10	2.6097	2.4431	9.7446

#1	-0.00387	-0.0075	.00302	4.8645	-1.5288
#2	-0.00708	-0.0053	.00295	4.6399	-1.3382
#3	-0.00448	-0.0045	.00311	4.7040	-1.6248

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3712.3	44379.	4299.9	42.838	3872.0
Stddev	2.4	130.	50.4	.200	6.9
%RSD	.06588	.29212	1.1725	.46767	.17849

#1	3714.6	44261.	4245.2	42.866	3875.9
#2	3712.6	44357.	4310.2	42.625	3876.1
#3	3709.8	44518.	4344.4	43.023	3864.1

Sample Name: K3146-01 Acquired: 6/3/2019 21:17:04 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRI-D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	-.00726	.23321	.00350	.00779	.15839	.21664
Stddev	.00075	.00080	.00179	.00033	.00060	.00946	.00246
%RSD	45.339	10.956	.76576	9.3568	7.7646	5.9741	1.1366

#1	-.00183	-.00804	.23524	.00368	.00715	.16113	.21440
#2	-.00228	-.00729	.23248	.00369	.00785	.16617	.21626
#3	-.00082	-.00645	.23190	.00312	.00836	.14785	.21928

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.34854	9.6120	.00842	.00979	2.6298	.26740
Stddev	.00007	.00128	.0780	.00043	.00023	.0039	.00118
%RSD	143.14	.36680	.81174	5.0984	2.3990	.14767	.43959

#1	-.00012	.34952	9.5669	.00865	.00980	2.6279	.26628
#2	-.00004	.34710	9.5670	.00867	.01002	2.6274	.26731
#3	.00001	.34901	9.7021	.00792	.00955	2.6343	.26862

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05457	.59100	.01578	-.00045	276.54	.00044	2.0335
Stddev	.00029	.05132	.00024	.00062	1.36	.00019	.0054
%RSD	.52300	8.6834	1.4950	138.09	.49023	42.621	.26577

#1	.05464	.55462	.01569	-.00059	276.28	.00030	2.0391
#2	.05425	.56867	.01561	.00023	275.33	.00038	2.0283
#3	.05481	.64969	.01605	-.00099	278.00	.00066	2.0332

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91124	-.00150	.05787	1.4693	.25663	-.00094	.00445
Stddev	.01689	.00042	.00493	.0078	.00158	.00076	.00219
%RSD	1.8535	28.196	8.5116	.53297	.61645	80.431	49.244

#1	.90469	-.00165	.05242	1.4726	.25481	-.00181	.00441
#2	.89860	-.00102	.05920	1.4603	.25754	-.00053	.00228
#3	.93042	-.00183	.06200	1.4749	.25755	-.00047	.00666

Sample Name: K3146-01 Acquired: 6/3/2019 21:17:04 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRI-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	.0117	.05522	5.1171	F<.00000
Stddev	.00067	.0023	.00038	.1820	.32518
%RSD	113.85	20.07	.68616	3.5564	22.736

#1	.00002	.0110	.05501	4.9194	-1.5918
#2	-.00130	.0097	.05500	5.1544	-1.0559
#3	-.00047	.0143	.05566	5.2775	-1.6430

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3675.2	44233.	4319.2	43.695	3879.8
Stddev	6.5	75.	41.2	.917	8.9
%RSD	.17662	.16974	.95301	2.0984	.23018

#1	3677.9	44147.	4274.4	43.123	3870.2
#2	3667.8	44270.	4327.9	43.209	3887.8
#3	3679.9	44283.	4355.3	44.752	3881.4

Sample Name: CCV09 Acquired: 6/3/2019 21:21:33 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8741	4.5579	4.7689	5.0834	5.2513	9.1937	10.515
Stddev	.0202	.0034	.0079	.0227	.0207	.0833	.050
%RSD	.41471	.07432	.16498	.44741	.39500	.90637	.47544

#1	4.8787	4.5590	4.7779	5.1008	5.2709	9.1018	10.462
#2	4.8917	4.5607	4.7630	5.0918	5.2535	9.2643	10.562
#3	4.8520	4.5541	4.7660	5.0577	5.2295	9.2152	10.521

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25351	2.3926	25.937	1.0359	2.4609	1.2537	4.7918
Stddev	.00042	.0014	.060	.0005	.0029	.0038	.0010
%RSD	.16556	.05783	.23139	.04493	.11875	.30427	.01986

#1	.25366	2.3931	25.874	1.0363	2.4626	1.2575	4.7922
#2	.25303	2.3910	25.943	1.0354	2.4576	1.2538	4.7907
#3	.25383	2.3936	25.993	1.0361	2.4627	1.2499	4.7925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5489	24.322	2.3428	1.2063	24.192	2.5099	2.5287
Stddev	.0092	.156	.0030	.0006	.094	.0036	.0049
%RSD	.36139	.64259	.12703	.05426	.38744	.14170	.19485

#1	2.5513	24.141	2.3453	1.2058	24.136	2.5060	2.5332
#2	2.5566	24.405	2.3434	1.2071	24.300	2.5130	2.5235
#3	2.5387	24.418	2.3395	1.2061	24.139	2.5107	2.5295

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.286	4.7849	4.7536	5.0050	4.7503	4.6714	5.0005
Stddev	.168	.0152	.0067	.0176	.0067	.0064	.0159
%RSD	.69272	.31732	.14179	.35130	.14033	.13783	.31849

#1	24.197	4.7974	4.7460	5.0049	4.7526	4.6762	4.9865
#2	24.480	4.7891	4.7590	5.0226	4.7556	4.6641	4.9972
#3	24.182	4.7680	4.7558	4.9875	4.7428	4.6740	5.0178

Sample Name: CCV09 Acquired: 6/3/2019 21:21:33 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0358	F 6.068	5.1108	5.2499	F<.00000
Stddev	.0165	.014	.0064	.2412	.52122
%RSD	.32732	.2220	.12539	4.5953	4883.9
#1	5.0216	6.082	5.1037	5.1846	.18875
#2	5.0539	6.066	5.1162	5.0479	.38139
#3	5.0321	6.055	5.1124	5.5170	-.60216
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3706.7	44335.	4169.6	41.658	3850.1
Stddev	18.3	182.	23.6	.691	10.2
%RSD	.49369	.41143	.56562	1.6598	.26592
#1	3689.7	44198.	4143.8	40.917	3838.3
#2	3704.3	44266.	4174.7	42.286	3856.8
#3	3726.0	44542.	4190.1	41.770	3855.2

Sample Name: CCB09 Acquired: 6/3/2019 21:25:31 Type: Unk
Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8270 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	-.00338	-.00235	-.00119	.00576	-.09549	.01390
Stddev	.00124	.00134	.00042	.00357	.00077	.00682	.00022
%RSD	115.92	39.536	17.922	301.02	13.377	7.1408	1.5769

#1	.00244	-.00306	-.00190	.00091	.00498	-.09211	.01416
#2	.00079	-.00223	-.00273	.00084	.00577	-.10333	.01377
#3	-.00001	-.00484	-.00241	-.00531	.00652	-.09102	.01379

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00017	-.01669	.00036	.00011	.00212	-.00589
Stddev	.00010	.00003	.02207	.00025	.00004	.00031	.00081
%RSD	650.40	16.981	132.21	69.236	34.699	14.784	13.687

#1	.00005	-.00015	-.02303	.00008	.00010	.00177	-.00681
#2	-.00012	-.00020	-.03490	.00044	.00007	.00236	-.00531
#3	.00003	-.00015	.00785	.00057	.00014	.00224	-.00556

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	-.08332	-.00009	-.00027	-.02402	.00006	-.00049
Stddev	.00003	.00430	.00028	.00037	.00324	.00033	.00004
%RSD	12.254	5.1610	295.99	134.71	13.479	521.78	8.4975

#1	-.00027	-.08192	.00002	-.00018	-.02754	.00043	-.00045
#2	-.00031	-.08815	-.00042	-.00068	-.02117	-.00020	-.00053
#3	-.00024	-.07990	.00011	.00004	-.02336	-.00004	-.00048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01813	-.00104	-.00349	-.00078	-.00601	-.00077	.00429
Stddev	.01088	.00024	.00992	.00382	.00176	.00012	.00173
%RSD	60.036	22.920	284.03	493.03	29.321	15.130	40.401

#1	.00626	-.00077	-.01149	-.00215	-.00458	-.00063	.00619
#2	.02764	-.00117	.00761	-.00372	-.00548	-.00084	.00389
#3	.02049	-.00120	-.00660	.00354	-.00798	-.00083	.00279

Sample Name: CCB09 Acquired: 6/3/2019 21:25:31 Type: Unk
 Method: P4-ICP2(v3167) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8270 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00480	-0.0084	-0.00010	F 2.7963	F<.00000
Stddev	.00032	.0018	.00004	.0386	.50731
%RSD	6.6121	20.76	44.682	1.3797	25.983

#1	-0.00499	-0.0090	-0.00005	2.7530	-2.4915
#2	-0.00498	-0.0099	-0.00011	2.8090	-1.4843
#3	-0.00443	-0.0065	-0.00013	2.8269	-1.8815

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3879.4	46425.	4225.6	43.438	4322.5
Stddev	4.3	107.	33.3	1.963	12.6
%RSD	.10971	.23065	.78826	4.5198	.29133

#1	3883.5	46434.	4207.7	42.339	4315.4
#2	3875.0	46314.	4205.0	42.270	4315.1
#3	3879.8	46527.	4264.0	45.705	4337.0