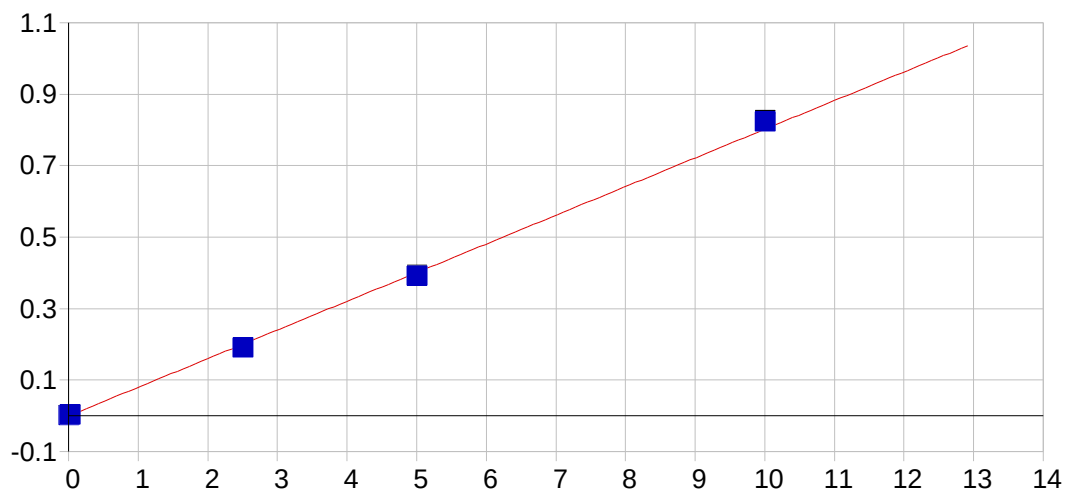


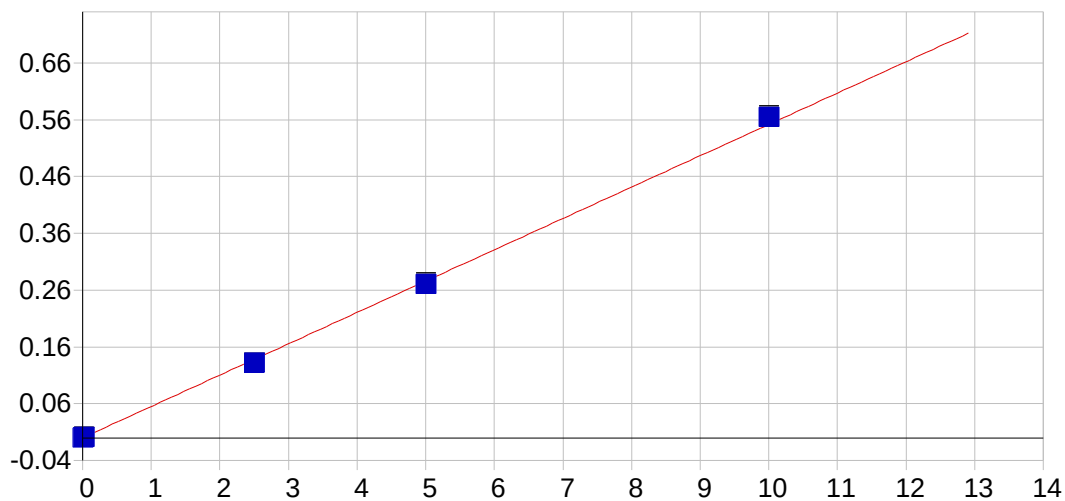


As 189.042 {478}

Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000464 Re-Slope: 1.000000
 A1 (Gain): 0.080243 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999534 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.002876
 Predicted MQL: 0.009588

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00046	.000	1
S1	.02000	.02135	.001	6.73	.00125	.000	1
S3	2.5000	2.3643	-.136	-5.43	.18924	.000	1
S4	5.0000	4.8847	-.115	-2.31	.39147	.002	1
S5	10.000	10.250	.250	2.50	.82195	.003	1



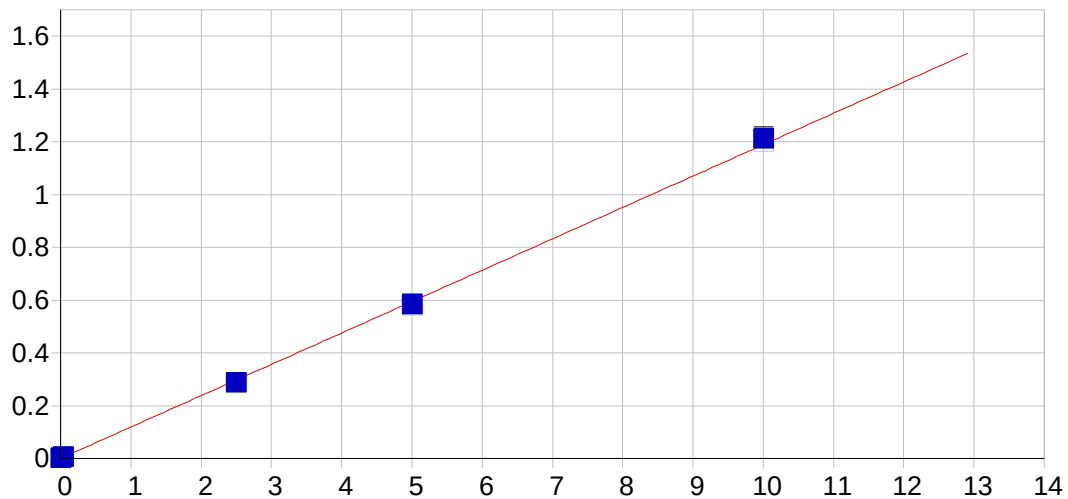
As 189.042 {479}

Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000089 Re-Slope: 1.000000

A1 (Gain): 0.055182 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999629 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.002722
 Predicted MQL: 0.009075

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.02000	.01978	-.000	-1.09	.00100	.000	1
S3	2.5000	2.3768	-.123	-4.93	.13107	.000	1
S4	5.0000	4.9005	-.099	-1.99	.27034	.001	1
S5	10.000	10.223	.223	2.23	.56404	.002	1

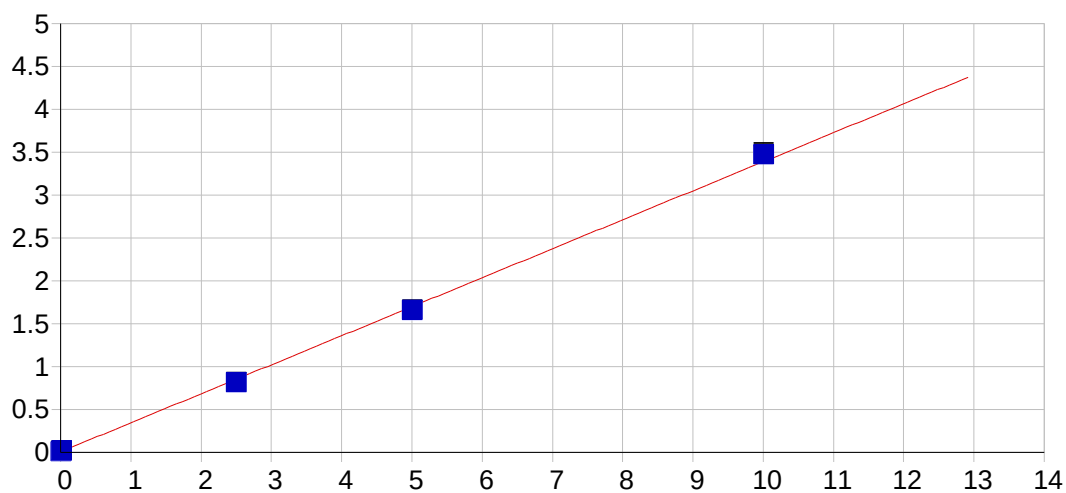


TI 190.856 {477}

Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000106 Re-Slope: 1.000000
 A1 (Gain): 0.118871 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999696 Status: OK.
 Std Error of Est: 0.000099
 Predicted MDL: 0.001582
 Predicted MQL: 0.005274

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00011	.000	1
S1	.04000	.04830	.008	20.8	.00572	.000	1
S3	2.5000	2.4045	-.095	-3.82	.28289	.001	1
S4	5.0000	4.9055	-.094	-1.89	.57713	.001	1
S5	10.000	10.182	.182	1.82	1.1982	.007	1

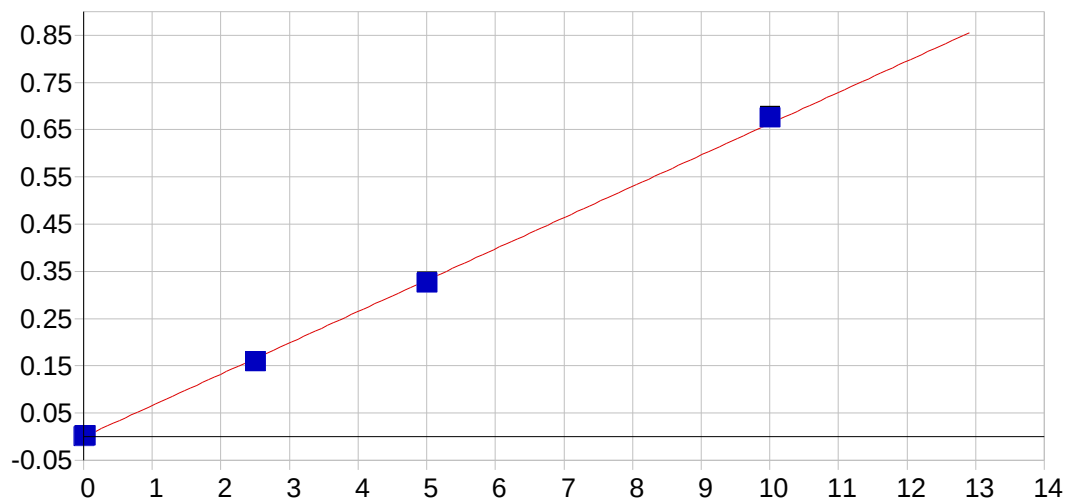


Pb 220.353 {453}

Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007015 Re-Slope: 1.000000
 A1 (Gain): 0.338197 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999546 Status: OK.
 Std Error of Est: 0.000190
 Predicted MDL: 0.000957
 Predicted MQL: 0.003191

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00701	.000	1
S1	.01200	.01317	.001	9.78	.01140	.000	1
S3	2.5000	2.3755	-.125	-4.98	.80934	.002	1
S4	5.0000	4.8724	-.128	-2.55	1.6527	.003	1
S5	10.000	10.251	.251	2.51	3.4696	.017	1



Se 196.090 {472}

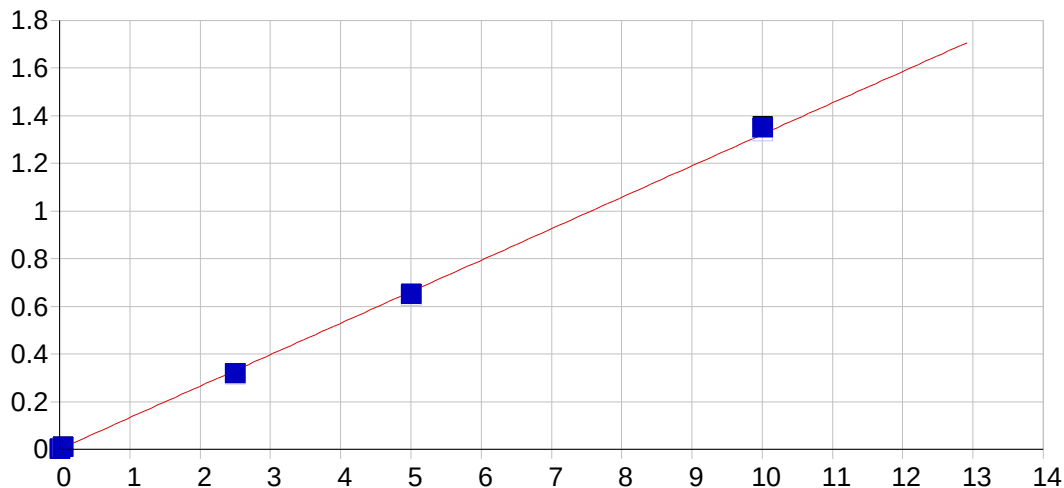
Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000112 Re-Slope: 1.000000
 A1 (Gain): 0.066282 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999722
 Std Error of Est: 0.000038
 Predicted MDL: 0.003260
 Predicted MQL: 0.010868

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00011	.000	1
S1	.02000	.02326	.003	16.3	.00143	.000	1
S3	2.5000	2.3948	-.105	-4.21	.15860	.001	1
S4	5.0000	4.9170	-.083	-1.66	.32576	.002	1
S5	10.000	10.185	.185	1.85	.67489	.002	1



Sb 206.833 {463}

Date of Fit: 2/27/2019 12:03:52

Type of Fit: Linear

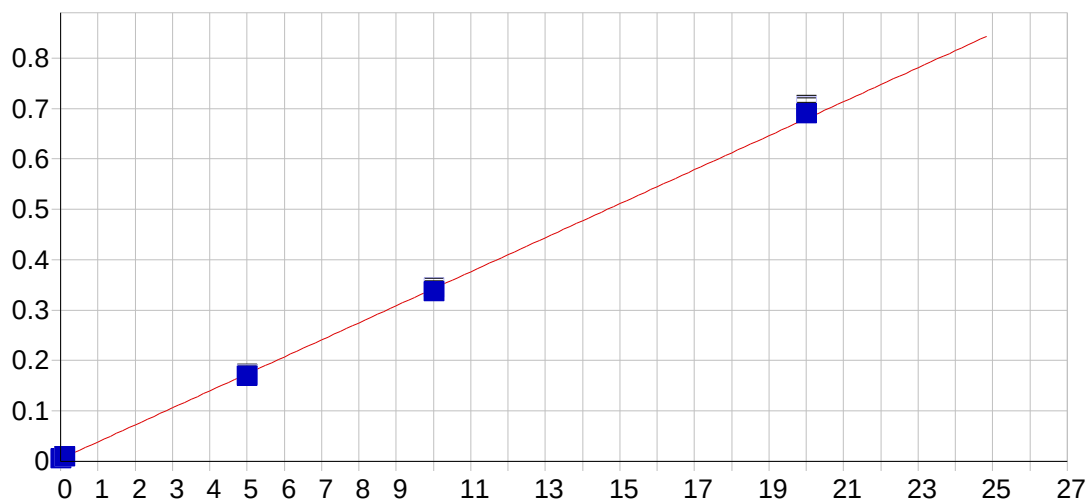
Weighting: 1/Conc

A0 (Offset): 0.000991
 A1 (Gain): 0.132109
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999615
 Std Error of Est: 0.000139
 Predicted MDL: 0.001996
 Predicted MQL: 0.006654

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00099	.000	1
S1	.05000	.06083	.011	21.7	.00886	.000	1
S3	2.5000	2.3834	-.117	-4.67	.31214	.000	1
S4	5.0000	4.9105	-.089	-1.79	.64229	.001	1
S5	10.000	10.195	.195	1.95	1.3330	.006	1

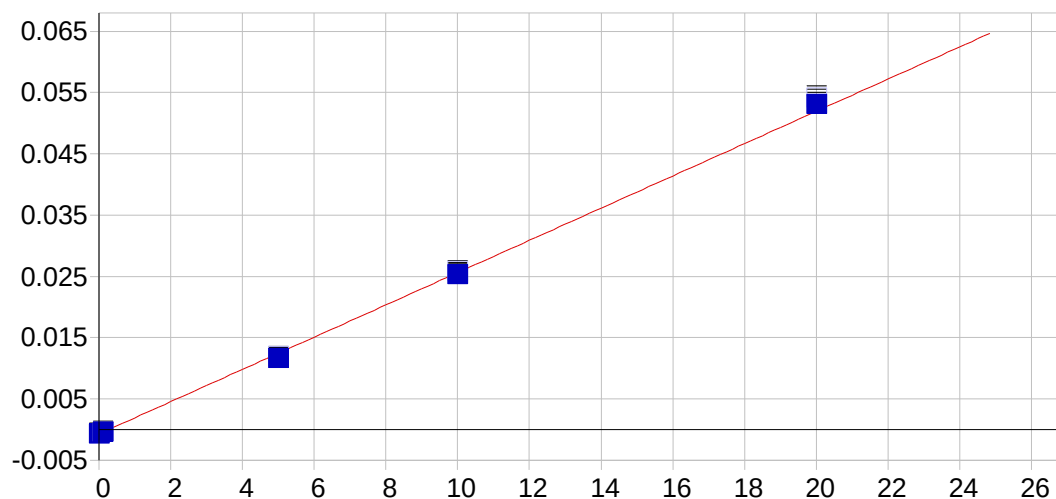


AI 308.215 {109}

Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004871 Re-Slope: 1.000000
 A1 (Gain): 0.033749 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999779 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 0.003361
 Predicted MQL: 0.011204

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00487	.000	1
S1	.10000	.12124	.021	21.2	.00920	.000	1
S3	5.0000	4.8506	-.149	-2.99	.17194	.000	1
S4	10.000	9.8326	-.167	-1.67	.34344	.000	1
S5	20.000	20.294	.294	1.47	.70323	.002	1



AI 309.271 {109}

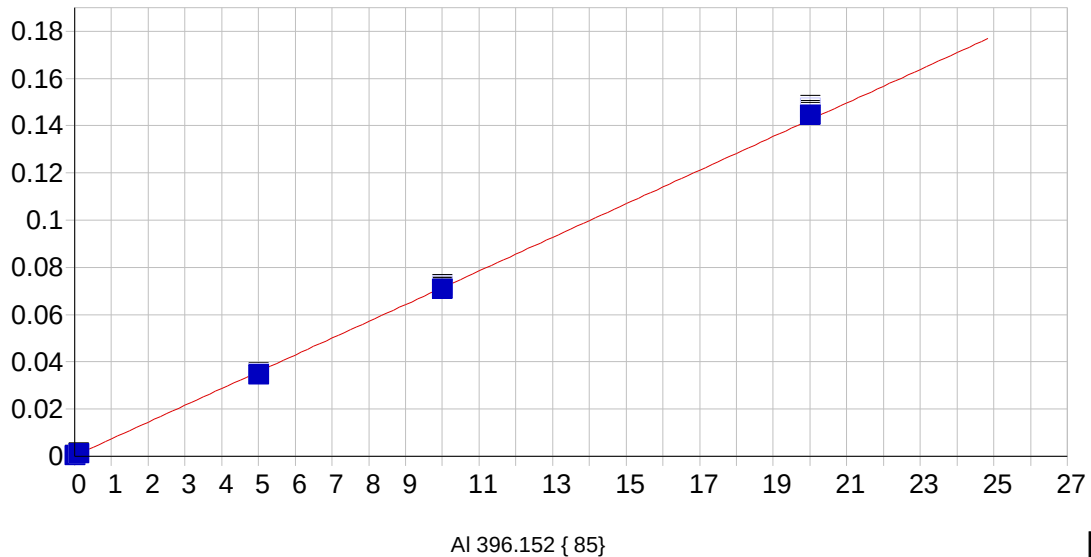
Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000704 Re-Slope: 1.000000
 A1 (Gain): 0.002632 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999560
 Std Error of Est: 0.000006
 Predicted MDL: 0.028947
 Predicted MQL: 0.096491

Status: OK.

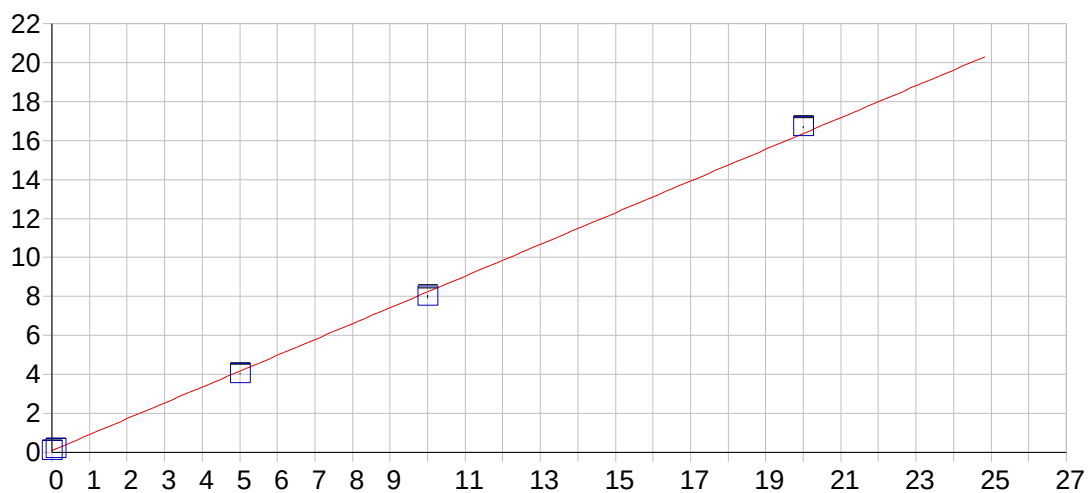
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00070	.000	1
S1	.10000	.10686	.007	6.86	-.00040	.000	1
S3	5.0000	4.6815	-.318	-6.37	.01188	.000	1
S4	10.000	9.8699	-.130	-1.30	.02580	.000	1
S5	20.000	20.441	.441	2.21	.05414	.000	1



Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000256 Re-Slope: 1.000000
 A1 (Gain): 0.007112 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999722 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.016206
 Predicted MQL: 0.054020

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00026	.000	1
S1	.10000	.12544	.025	25.4	.00120	.000	1
S3	5.0000	4.7915	-.208	-4.17	.03504	.000	1
S4	10.000	9.8966	-.103	-1.03	.07206	.001	1
S5	20.000	20.285	.285	1.43	.14736	.001	1

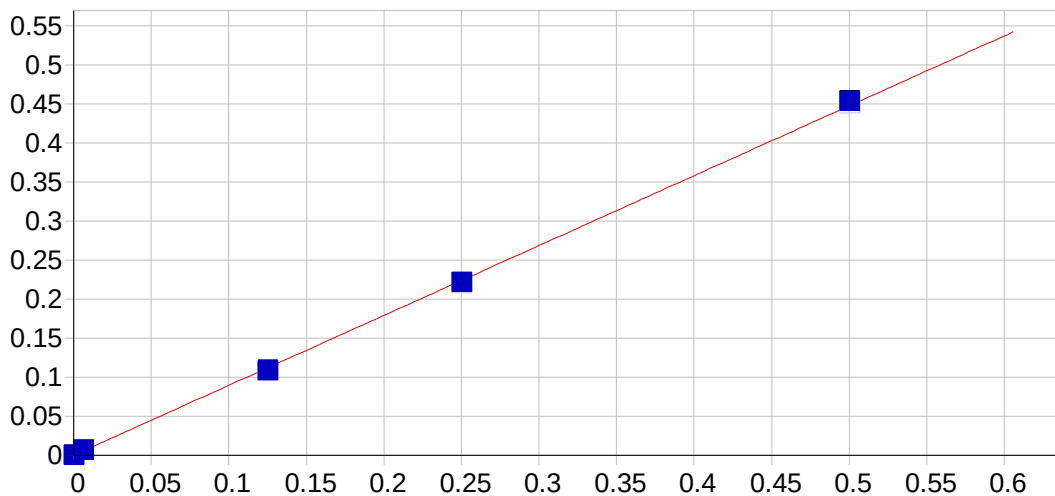


Ba 493.409 { 68}

Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.097457 Re-Slope: 1.000000
 A1 (Gain): 0.813299 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999625 Status: OK.
 Std Error of Est: 0.001703
 Predicted MDL: 0.004639
 Predicted MQL: 0.015463

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.09744	.001	1
S1	.10000	.12106	.021	21.1	.19592	.002	1
S3	5.0000	4.8461	-.154	-3.08	4.0388	.022	1
S5	20.000	20.421	.421	2.10	16.706	.057	1
S4	10.000	9.7119	-.288	-2.88	7.9961	.081	1



Be 234.861 {144}

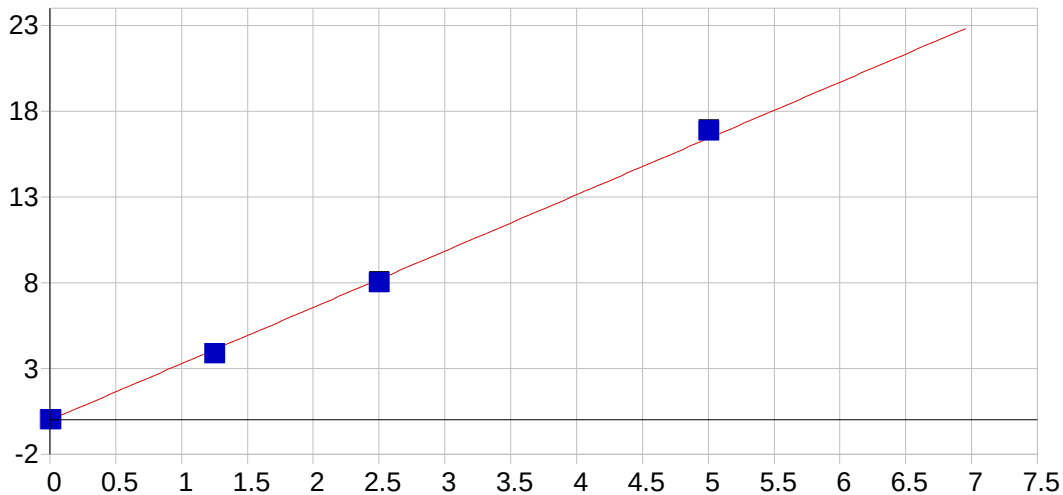
Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000146 Re-Slope: 1.000000
 A1 (Gain): 0.895387 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999778
 Std Error of Est: 0.000056
 Predicted MDL: 0.000078
 Predicted MQL: 0.000259

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00015	.000	1
S1	.00600	.00691	.001	15.2	.00628	.000	1
S3	.12500	.12092	-.004	-3.26	.10771	.000	1
S4	.25000	.24696	-.003	-1.22	.21986	.001	1
S5	.50000	.50621	.006	1.24	.45059	.001	1



Cd 226.502 {449}

Date of Fit: 2/27/2019 12:03:52

Type of Fit: Linear

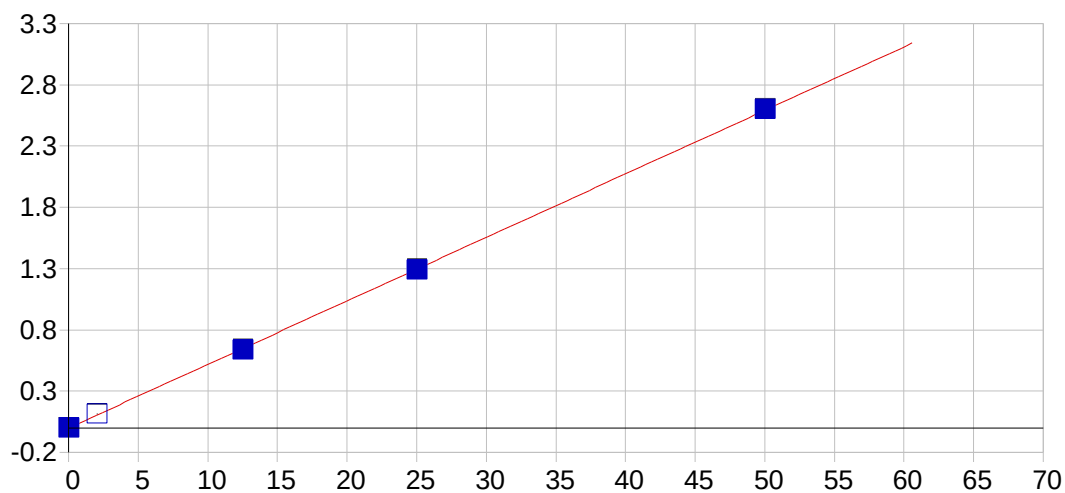
Weighting: 1/Conc

A0 (Offset): -0.002967
 A1 (Gain): 3.282227
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999441
 Std Error of Est: 0.001027
 Predicted MDL: 0.000104
 Predicted MQL: 0.000347

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	-.00297	.000	1
S1	.00600	.00633	.000	5.48	.01784	.000	1
S3	1.2500	1.1738	-.076	-6.10	3.8507	.017	1
S4	2.5000	2.4400	-.060	-2.40	8.0075	.015	1
S5	5.0000	5.1359	.136	2.72	16.858	.069	1

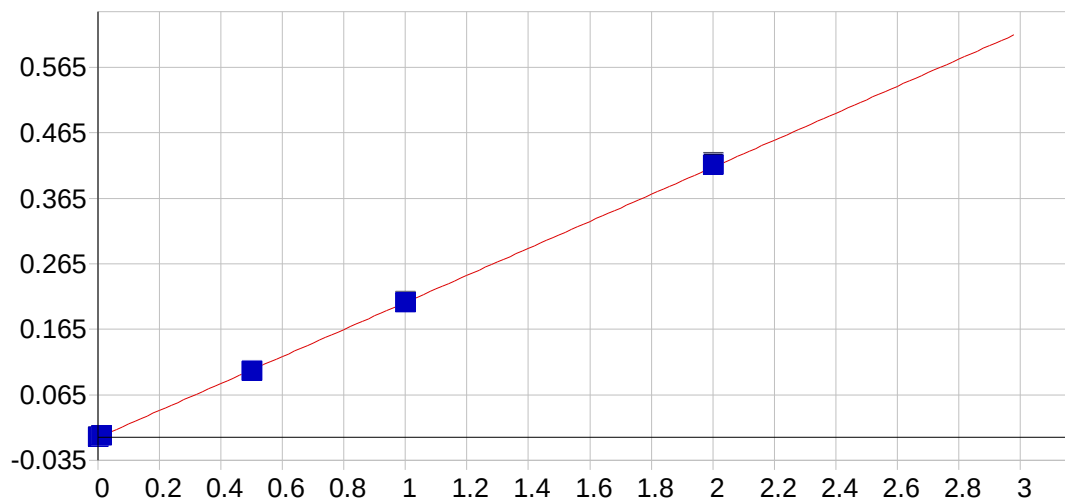


Ca 373.690 { 90}

Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000748 Re-Slope: 1.000000
 A1 (Gain): 0.051847 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.000514
 Predicted MDL: 0.019969
 Predicted MQL: 0.066562

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2221	.222	11.1	.11446	.001	1
S0	.00000	-.00018	-.000	.000	-.00076	.000	1
S3	12.500	12.284	-.216	-1.73	.63647	.002	1
S4	25.000	24.861	-.139	-.558	1.2889	.004	1
S5	50.000	50.134	.134	.268	2.5999	.007	1



Cr 267.716 {126}

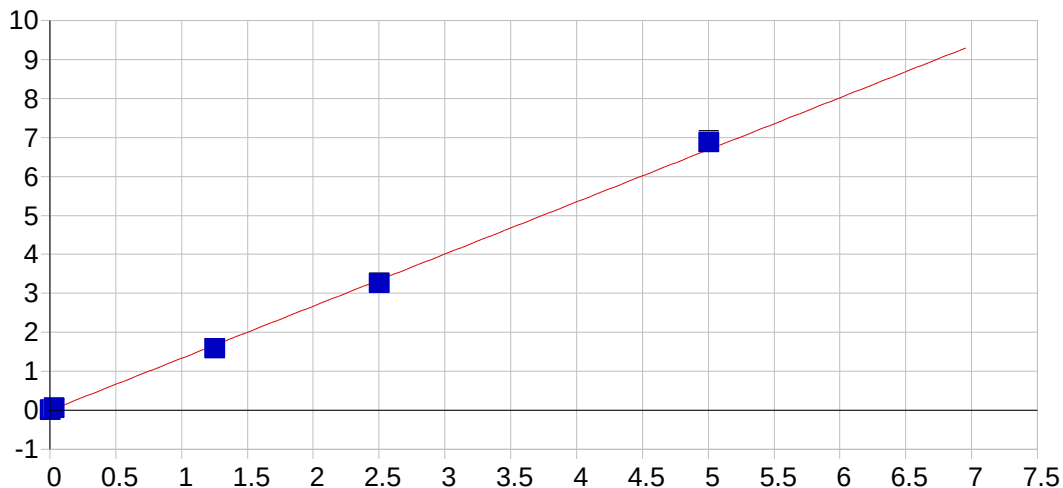
Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000285 Re-Slope: 1.000000
 A1 (Gain): 0.206286 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916
 Std Error of Est: 0.000021
 Predicted MDL: 0.000479
 Predicted MQL: 0.001598

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00029	.000	1
S1	.01000	.01146	.001	14.6	.00209	.000	1
S3	.50000	.48889	-.011	-2.22	.10138	.000	1
S4	1.0000	.99467	-.005	-.533	.20652	.000	1
S5	2.0000	2.0150	.015	.749	.41862	.001	1



Co 228.616 {447}

Date of Fit: 2/27/2019 12:03:52

Type of Fit: Linear

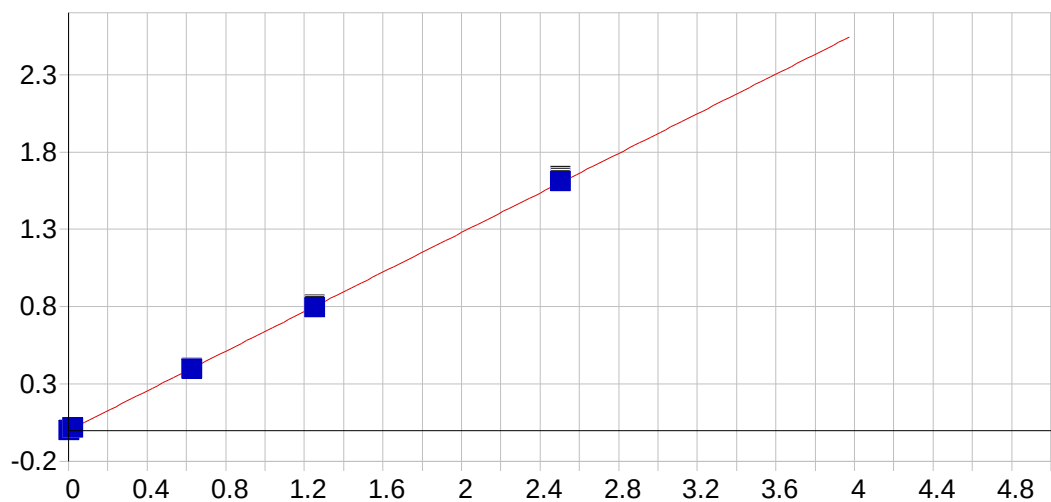
Weighting: 1/Conc

A0 (Offset): -0.000586
 A1 (Gain): 1.336822
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999344
 Std Error of Est: 0.001015
 Predicted MDL: 0.000235
 Predicted MQL: 0.000785

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	-.00059	.000	1
S1	.03000	.03587	.006	19.6	.04710	.000	1
S3	1.2500	1.1745	-.076	-6.04	1.5708	.008	1
S4	2.5000	2.4302	-.070	-2.79	3.2508	.004	1
S5	5.0000	5.1395	.139	2.79	6.8752	.032	1

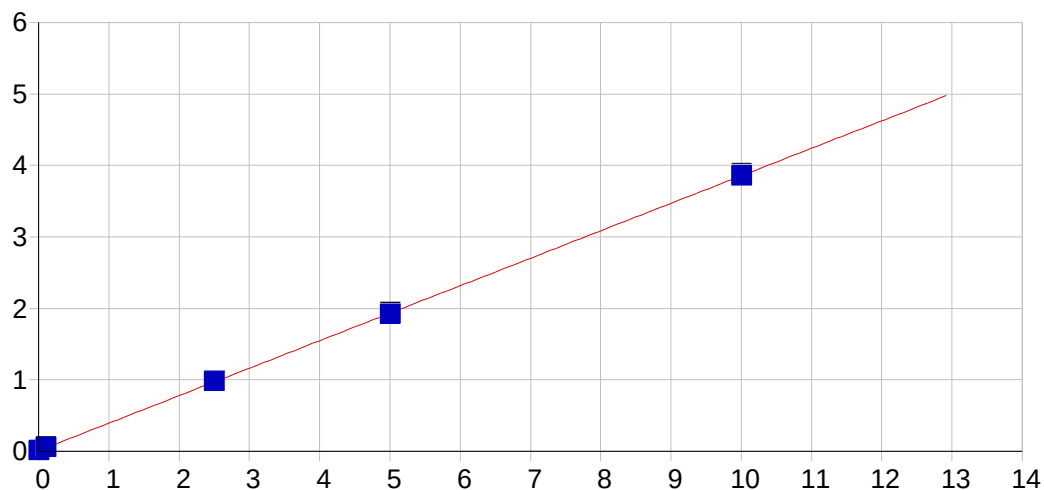


Cu 224.700 {450}

Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000024 Re-Slope: 1.000000
 A1 (Gain): 0.639708 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999863 Status: OK.
 Std Error of Est: 0.000130
 Predicted MDL: 0.000578
 Predicted MQL: 0.001926

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.02000	.02445	.004	22.2	.01581	.000	1
S3	.62500	.61641	-.009	-1.37	.40076	.001	1
S4	1.2500	1.2410	-.009	-.719	.80678	.004	1
S5	2.5000	2.5131	.013	.525	1.6335	.006	1



Fe 240.488 {140}

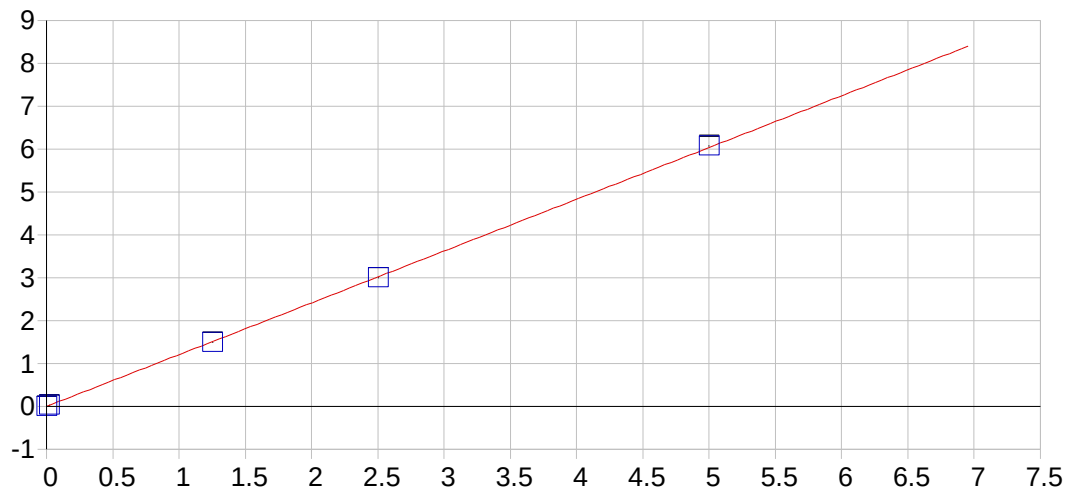
Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009518 Re-Slope: 1.000000
 A1 (Gain): 0.384527 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823
 Std Error of Est: 0.000394
 Predicted MDL: 0.001738
 Predicted MQL: 0.005794

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00951	.000	1
S1	.10000	.12432	.024	24.3	.05751	.001	1
S3	2.5000	2.5169	.017	.675	.98092	.006	1
S4	5.0000	4.9639	-.036	-.722	1.9255	.015	1
S5	10.000	9.9949	-.005	-.051	3.8672	.020	1



Mn 257.610 {131}

Date of Fit: 2/27/2019 12:03:52

Type of Fit: Linear

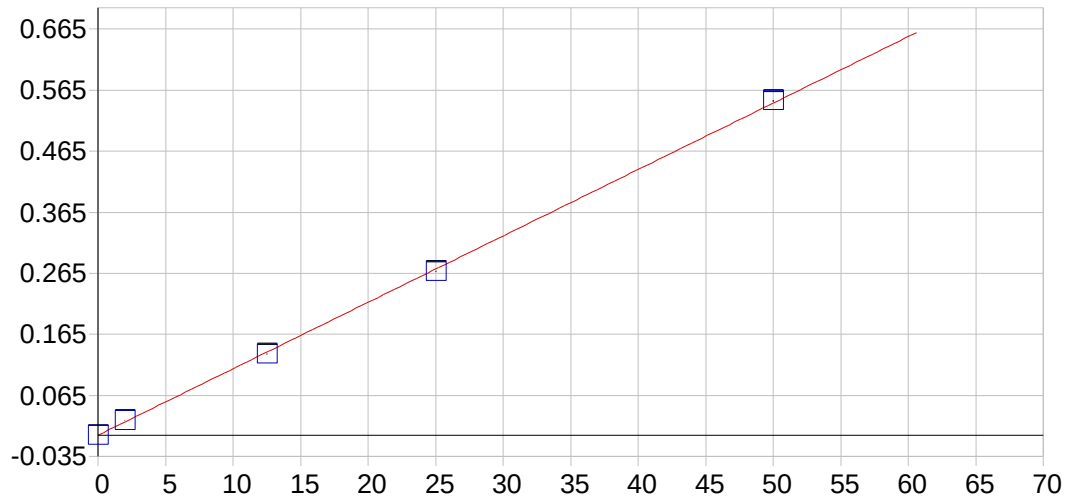
Weighting: 1/Conc

A0 (Offset): -0.000202
 A1 (Gain): 1.207695
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906
 Std Error of Est: 0.000283
 Predicted MDL: 0.000074
 Predicted MQL: 0.000246

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	-.00021	.000	1
S1	.02000	.02480	.005	24.0	.02975	.000	1
S3	1.2500	1.2320	-.018	-1.44	1.4877	.001	1
S4	2.5000	2.4854	-.015	-.584	3.0014	.002	1
S5	5.0000	5.0278	.028	.556	6.0719	.012	1

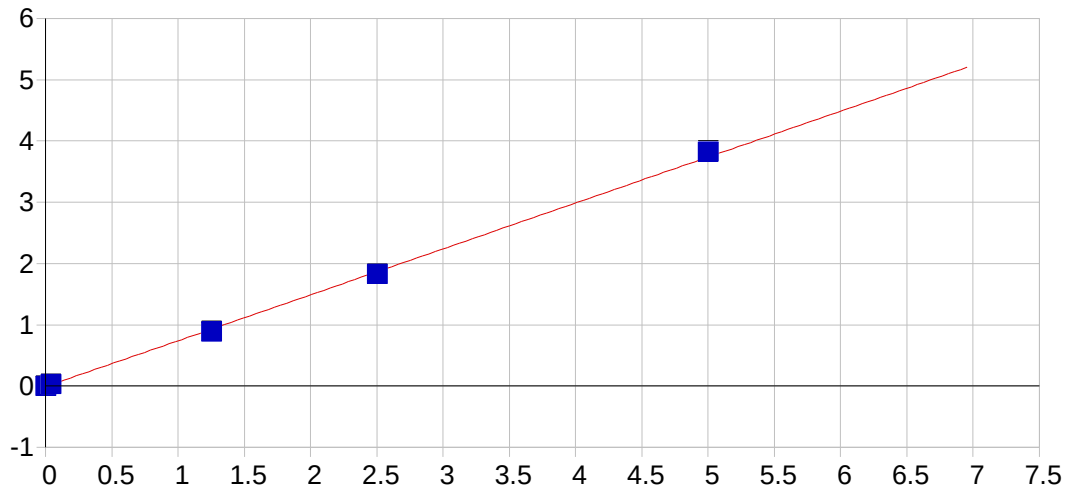


Mg 279.079 {121}

Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000214 Re-Slope: 1.000000
 A1 (Gain): 0.010881 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999780 Status: OK.
 Std Error of Est: 0.000124
 Predicted MDL: 0.045801
 Predicted MQL: 0.152670

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2285	.228	11.4	.02403	.000	1
S0	.00000	-.00017	-.000	.000	-.00022	.000	1
S3	12.500	12.214	-.286	-2.29	.13268	.001	1
S4	25.000	24.687	-.313	-1.25	.26840	.001	1
S5	50.000	50.370	.370	.740	.54784	.002	1



Ni 231.604 {445}

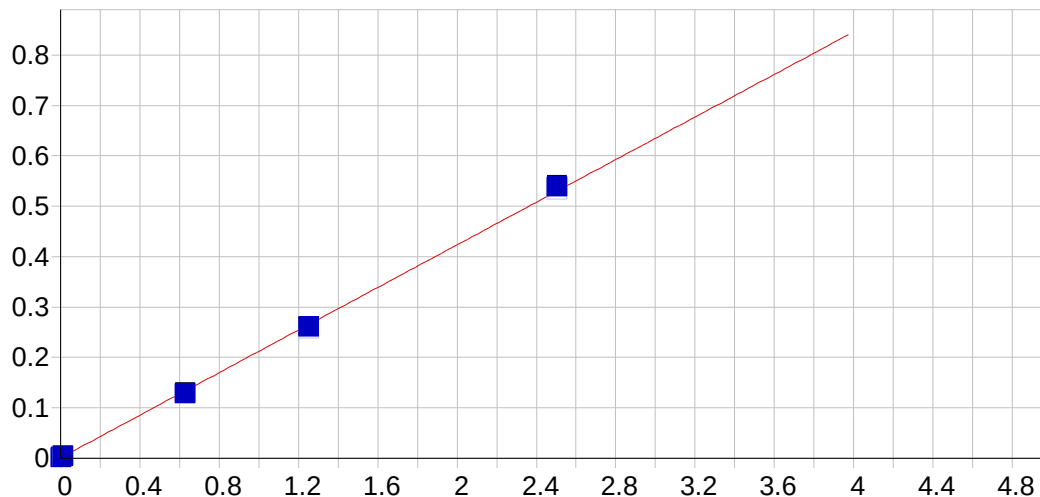
Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009692 Re-Slope: 1.000000
 A1 (Gain): 0.749507 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999526
 Std Error of Est: 0.000559
 Predicted MDL: 0.000448
 Predicted MQL: 0.001492

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00970	.000	1
S1	.04000	.04823	.008	20.6	.02647	.000	1
S3	1.2500	1.1903	-.060	-4.77	.88350	.004	1
S4	2.5000	2.4411	-.059	-2.36	1.8220	.002	1
S5	5.0000	5.1103	.110	2.21	3.8246	.018	1



Ag 328.068 {103}

Date of Fit: 2/27/2019 12:03:52

Type of Fit: Linear

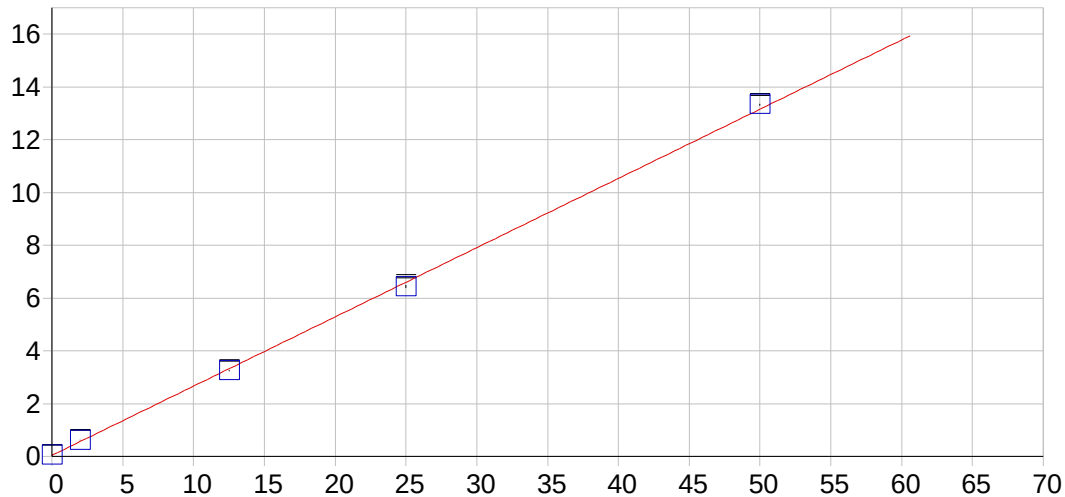
Weighting: 1/Conc

A0 (Offset): 0.001002
 A1 (Gain): 0.211267
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760
 Std Error of Est: 0.000039
 Predicted MDL: 0.000688
 Predicted MQL: 0.002293

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	.00100	.000	1
S1	.01000	.01126	.001	12.6	.00334	.000	1
S3	.62500	.60518	-.020	-3.17	.12736	.000	1
S4	1.2500	1.2249	-.025	-2.01	.25679	.001	1
S5	2.5000	2.5437	.044	1.75	.53240	.002	1

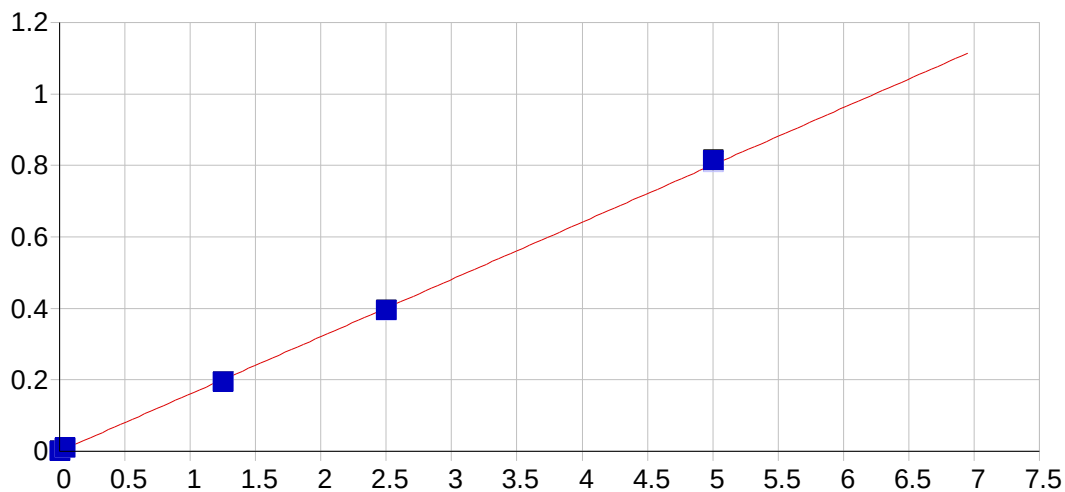


Na 589.592 { 57}

Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.040415 Re-Slope: 1.000000
 A1 (Gain): 0.262362 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999741 Status: OK.
 Std Error of Est: 0.003257
 Predicted MDL: 0.013399
 Predicted MQL: 0.044664

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1927	.193	9.64	.61571	.003	1
S0	.00000	-.00013	-.000	.000	.04038	.001	1
S3	12.500	12.272	-.228	-1.82	3.2601	.026	1
S4	25.000	24.385	-.615	-2.46	6.4382	.063	1
S5	50.000	50.650	.650	1.30	13.329	.034	1



V 292.402 {115}

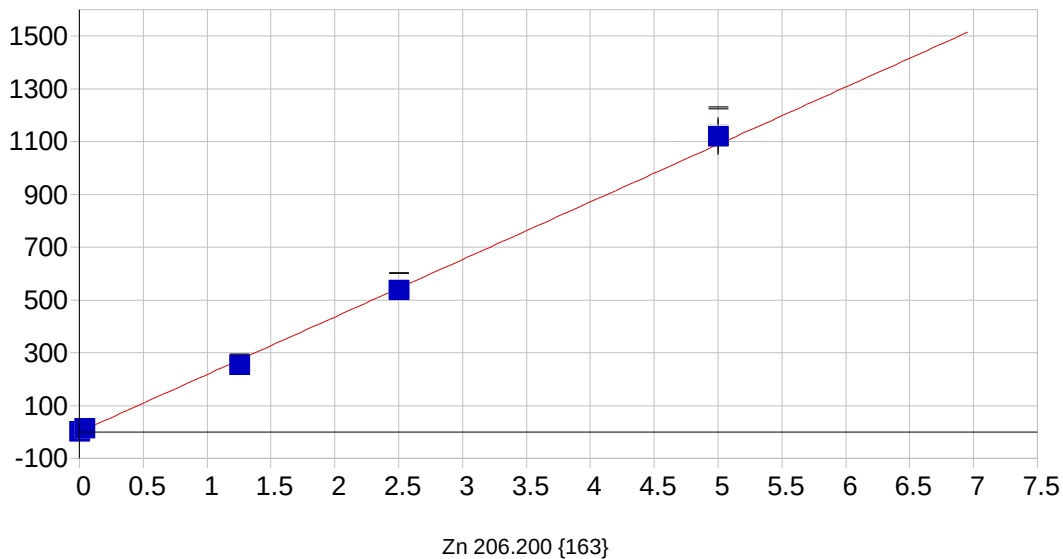
Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000360 Re-Slope: 1.000000
 A1 (Gain): 0.160209 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999706
 Std Error of Est: 0.000093
 Predicted MDL: 0.000633
 Predicted MQL: 0.002109

Status: OK.

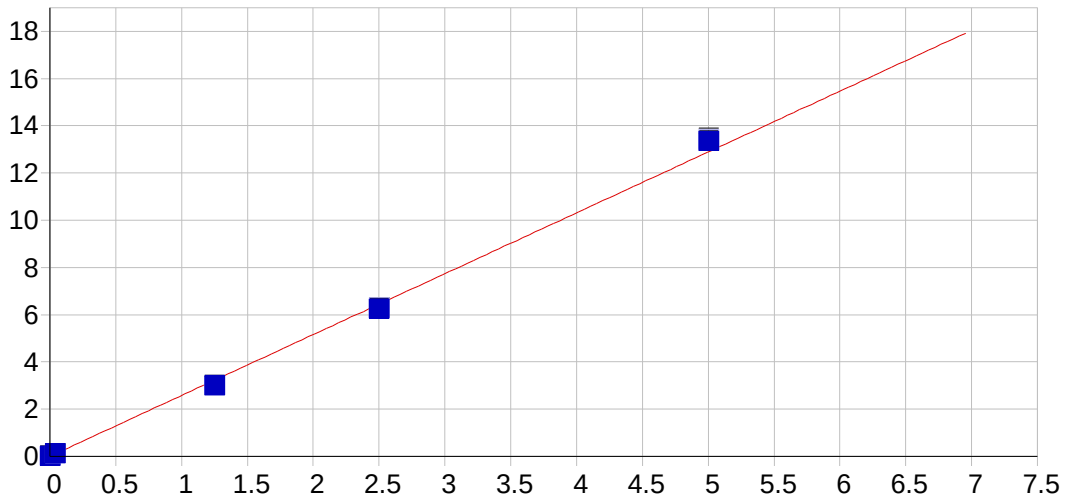
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00036	.000	1
S1	.04000	.04891	.009	22.3	.00810	.000	1
S3	1.2500	1.2086	-.041	-3.31	.19269	.000	1
S4	2.5000	2.4592	-.041	-1.63	.39172	.000	1
S5	5.0000	5.0734	.073	1.47	.80792	.001	1



Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005894 Re-Slope: 1.000000
 A1 (Gain): 217.824097 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999166 Status: OK.
 Std Error of Est: 0.216650
 Predicted MDL: 0.000285
 Predicted MQL: 0.000949

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00759	.192	1
S1	.04000	.05060	.011	26.5	11.073	.748	1
S3	1.2500	1.1527	-.097	-7.79	252.72	4.00	1
S4	2.5000	2.4530	-.047	-1.88	537.60	28.0	1
S5	5.0000	5.1338	.134	2.68	1124.8	67.9	1

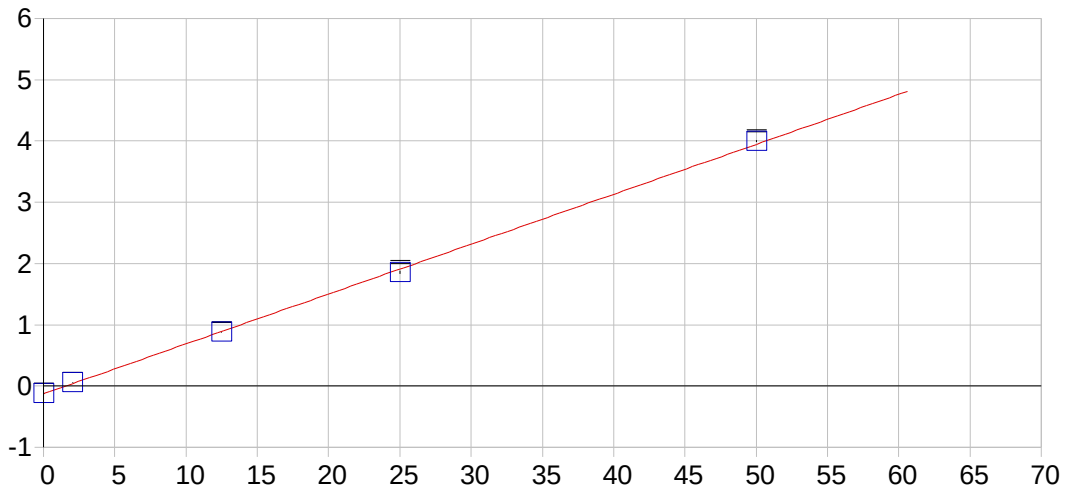


Zn 213.856 {458}

Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002974 Re-Slope: 1.000000
 A1 (Gain): 2.577583 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999104 Status: OK.
 Std Error of Est: 0.002658
 Predicted MDL: 0.000101
 Predicted MQL: 0.000337

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00297	.000	1
S1	.04000	.04510	.005	12.8	.11995	.001	1
S3	1.2500	1.1551	-.095	-7.60	3.0008	.015	1
S4	2.5000	2.4217	-.078	-3.13	6.2863	.011	1
S5	5.0000	5.1681	.168	3.36	13.406	.060	1



K 766.490 {44}

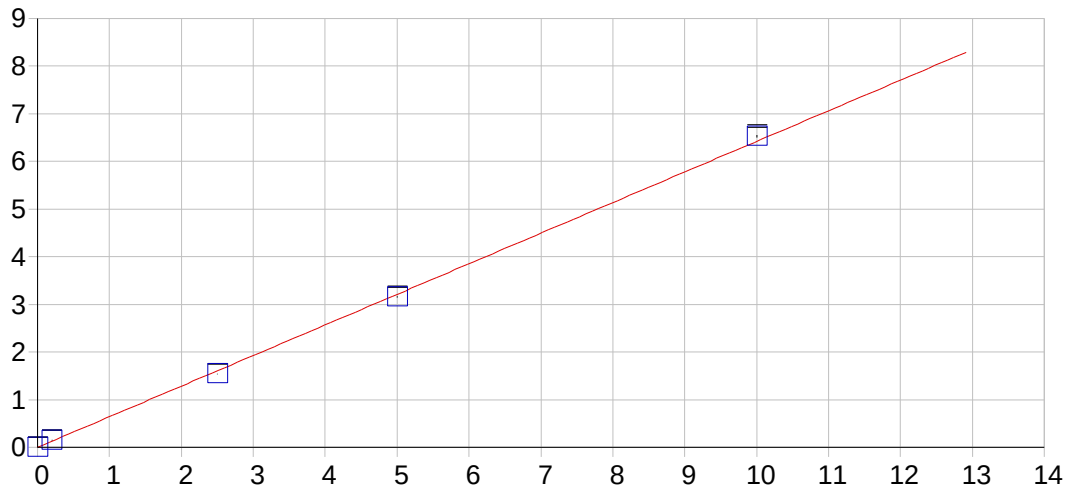
Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.126583 Re-Slope: 1.000000
 A1 (Gain): 0.081434 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999728
 Std Error of Est: 0.001037
 Predicted MDL: 0.047201
 Predicted MQL: 0.157336

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2067	.207	10.3	.05312	.001	1
S0	.00000	-.00015	-.000	.000	-.12660	.001	1
S3	12.500	12.305	-.195	-1.56	.87545	.009	1
S4	25.000	24.360	-.640	-2.56	1.8571	.022	1
S5	50.000	50.629	.629	1.26	3.9963	.017	1



Mo 202.030 {467}

Date of Fit: 2/27/2019 12:03:52

Type of Fit: Linear

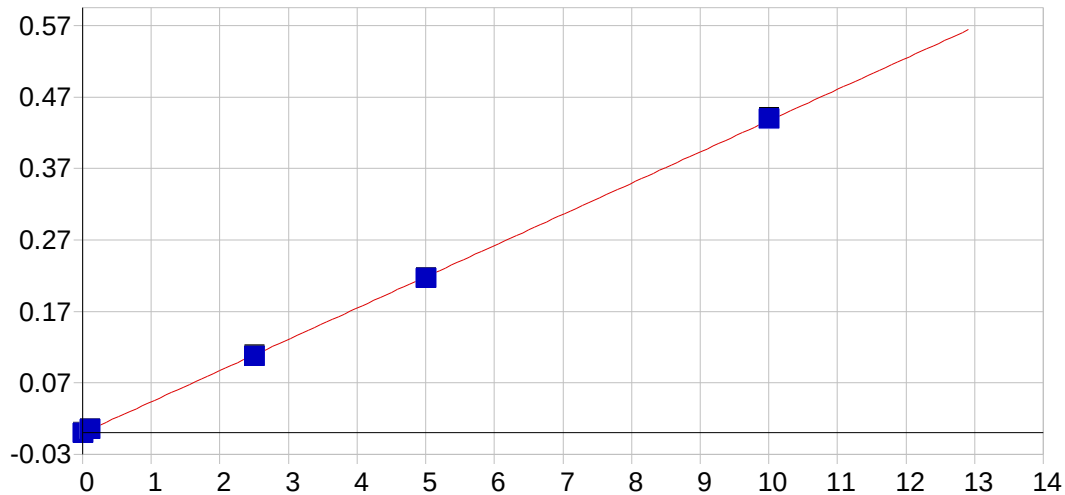
Weighting: 1/Conc

A0 (Offset): 0.000711
 A1 (Gain): 0.642095
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999714
 Std Error of Est: 0.001179
 Predicted MDL: 0.000328
 Predicted MQL: 0.001093

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	.00070	.000	1
S1	.20000	.22204	.022	11.0	.14328	.000	1
S3	2.5000	2.4007	-.099	-3.97	1.5422	.004	1
S4	5.0000	4.9201	-.080	-1.60	3.1599	.013	1
S5	10.000	10.157	.157	1.57	6.5226	.026	1

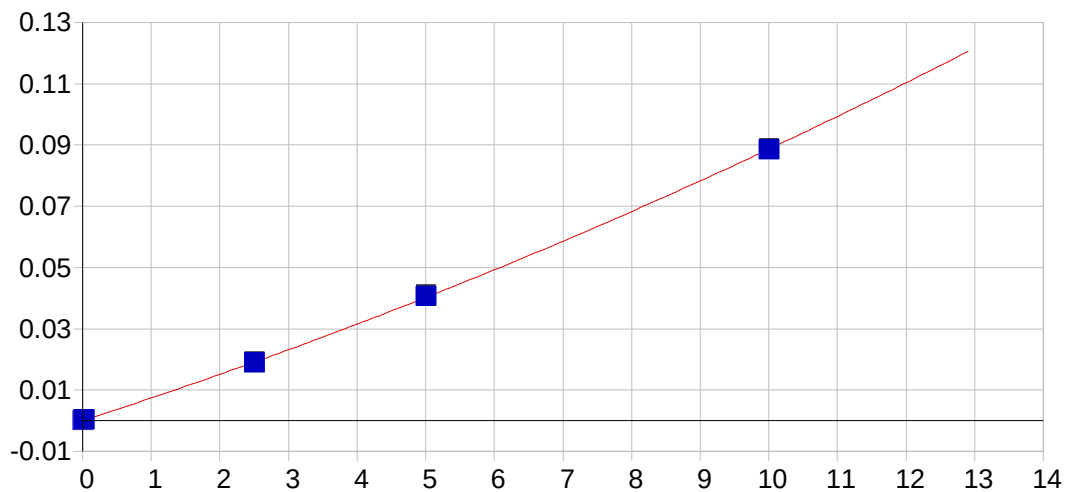


B 249.678 {135}

Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000124 Re-Slope: 1.000000
 A1 (Gain): 0.043700 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999821 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.009469
 Predicted MQL: 0.031563

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00012	.000	1
S1	.10000	.12204	.022	22.0	.00519	.000	1
S3	2.5000	2.4580	-.042	-1.68	.10703	.001	1
S4	5.0000	4.9595	-.040	-.809	.21610	.001	1
S5	10.000	10.060	.060	.605	.43849	.002	1



S 182.034 {485}

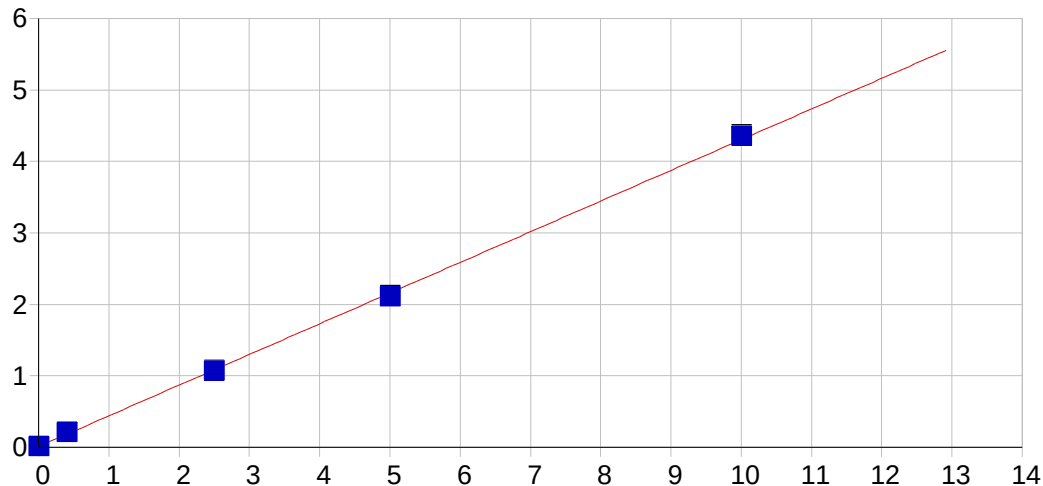
Date of Fit: 2/27/2019 12:03:52 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000032 Re-Slope: 1.000000
 A1 (Gain): 0.007214 Y-int: 0.000000

A2 (Curvature): 0.000165
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000002
 Predicted MDL: 0.019598
 Predicted MQL: 0.065327

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.02000	.01648	-.004	-17.6	.00015	.000	1
S3	2.5000	2.4751	-.025	-.994	.01888	.000	1
S4	5.0000	5.0393	.039	.787	.04053	.000	1
S5	10.000	9.9882	-.012	-.118	.08844	.000	1

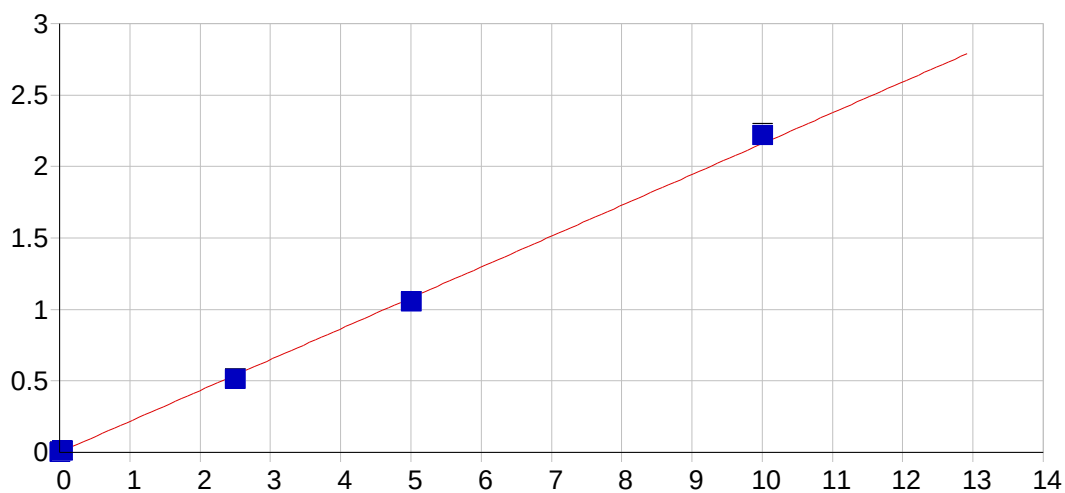


Si 288.158 {117}

Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011222 Re-Slope: 1.000000
 A1 (Gain): 0.429315 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999646 Status: OK.
 Std Error of Est: 0.001246
 Predicted MDL: 0.002925
 Predicted MQL: 0.009750

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.01120	.000	1
S1	.40000	.45331	.053	13.3	.20569	.001	1
S3	2.5000	2.4553	-.045	-1.79	1.0647	.009	1
S4	5.0000	4.8714	-.129	-2.57	2.1015	.019	1
S5	10.000	10.120	.120	1.20	4.3536	.019	1

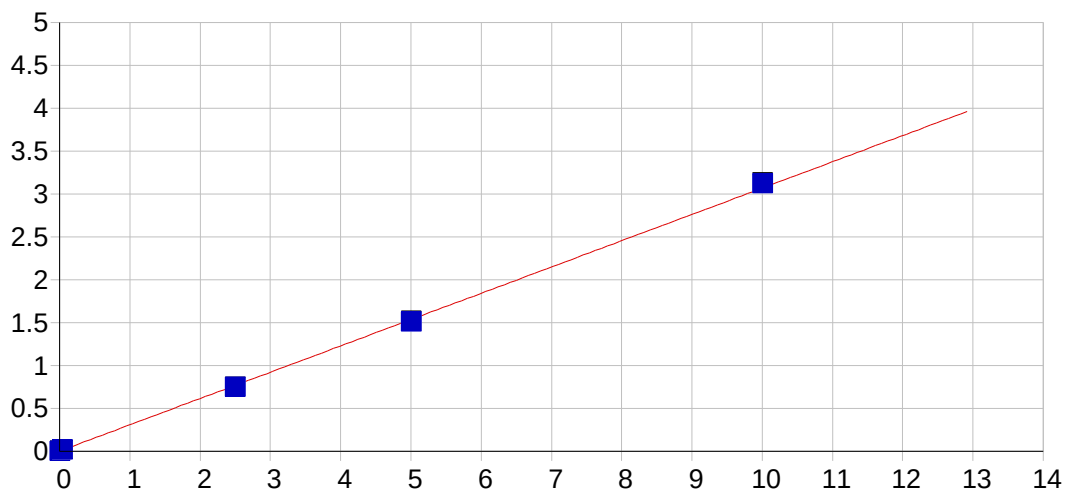


Sn 189.989 {477}

Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001319 Re-Slope: 1.000000
 A1 (Gain): 0.215857 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999468 Status: OK.
 Std Error of Est: 0.000241
 Predicted MDL: 0.000682
 Predicted MQL: 0.002273

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00132	.000	1
S1	.04000	.04417	.004	10.4	.01085	.000	1
S3	2.5000	2.3619	-.138	-5.52	.51125	.003	1
S4	5.0000	4.8674	-.133	-2.65	1.0522	.002	1
S5	10.000	10.267	.267	2.67	2.2178	.011	1



Ti 336.121 {100}

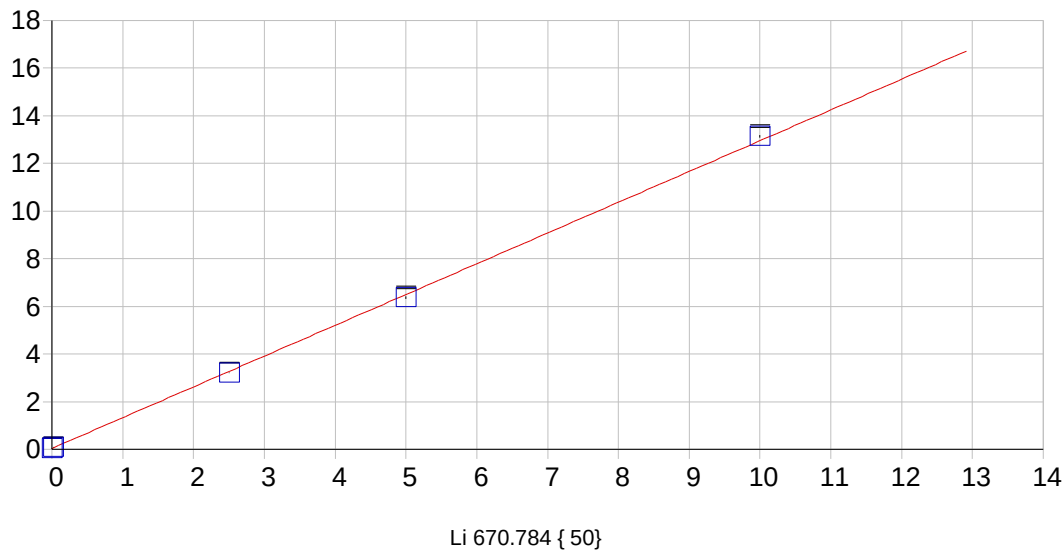
Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002573 Re-Slope: 1.000000
 A1 (Gain): 0.306627 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999780
 Std Error of Est: 0.000220
 Predicted MDL: 0.002473
 Predicted MQL: 0.008242

Status: OK.

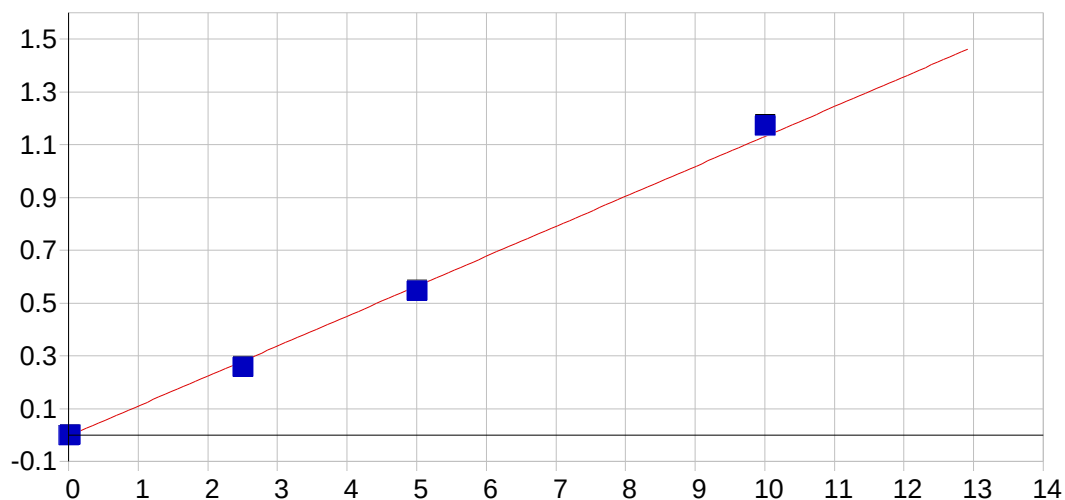
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00257	.001	1
S1	.04000	.04523	.005	13.1	.01643	.001	1
S3	2.5000	2.4138	-.086	-3.45	.74263	.001	1
S4	5.0000	4.9167	-.083	-1.67	1.5100	.004	1
S5	10.000	10.164	.164	1.64	3.1188	.006	1



Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.038065 Re-Slope: 1.000000
 A1 (Gain): 1.291460 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999781 Status: OK.
 Std Error of Est: 0.000652
 Predicted MDL: 0.002931
 Predicted MQL: 0.009769

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.03806	.005	1
S1	.02000	.02655	.007	32.8	.07236	.002	1
S3	2.5000	2.4493	-.051	-2.03	3.2012	.016	1
S4	5.0000	4.8942	-.106	-2.12	6.3587	.057	1
S5	10.000	10.150	.150	1.50	13.146	.055	1

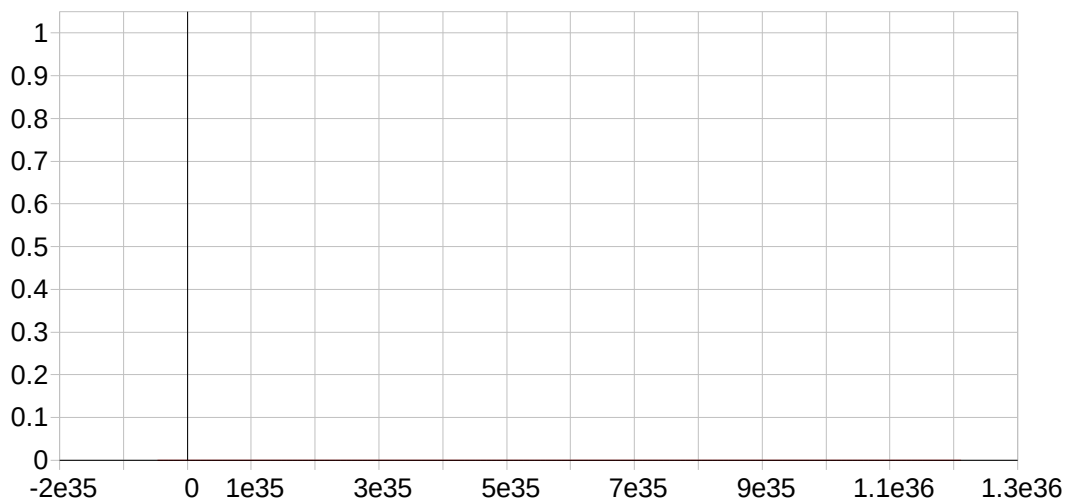


P 177.495 {490}

Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003592 Re-Slope: 1.000000
 A1 (Gain): 0.113449 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999048 Status: OK.
 Std Error of Est: 0.000119
 Predicted MDL: 0.001439
 Predicted MQL: 0.004797

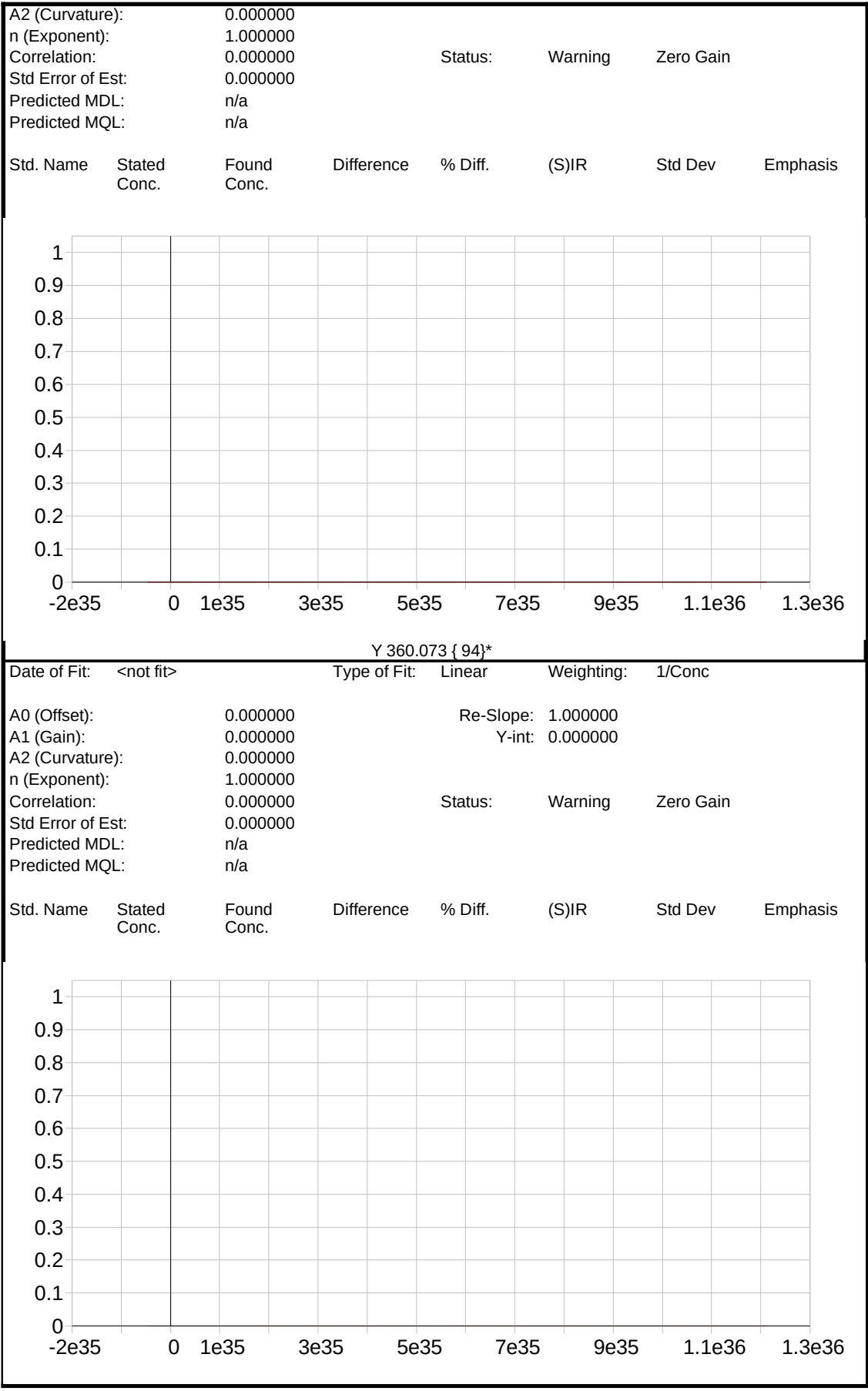
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00359	.000	1
S1	.02000	.02019	.000	.974	-.00131	.000	1
S3	2.5000	2.2996	-.200	-8.01	.25689	.001	1
S4	5.0000	4.8463	-.154	-3.07	.54540	.002	1
S5	10.000	10.354	.354	3.54	1.1694	.004	1

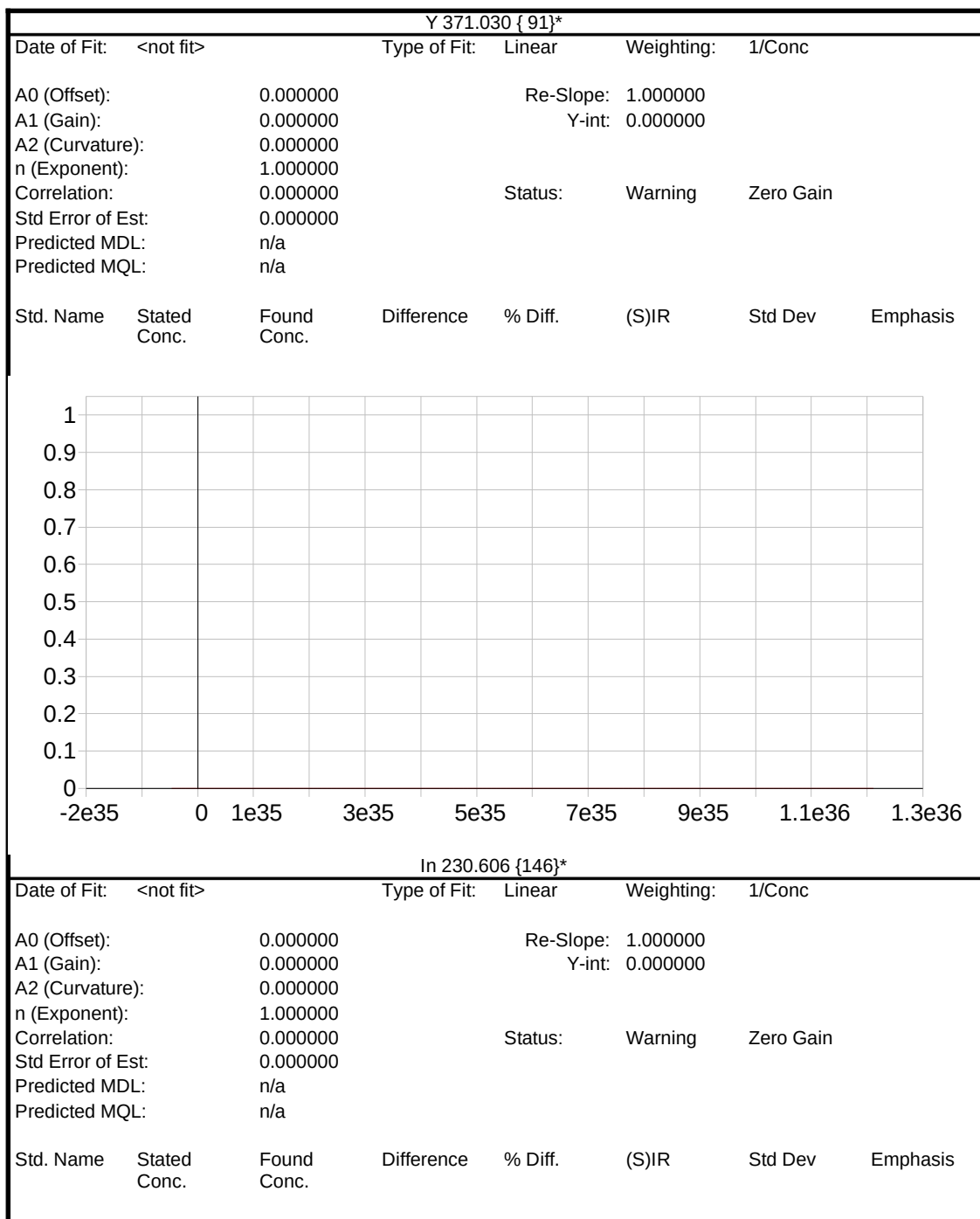


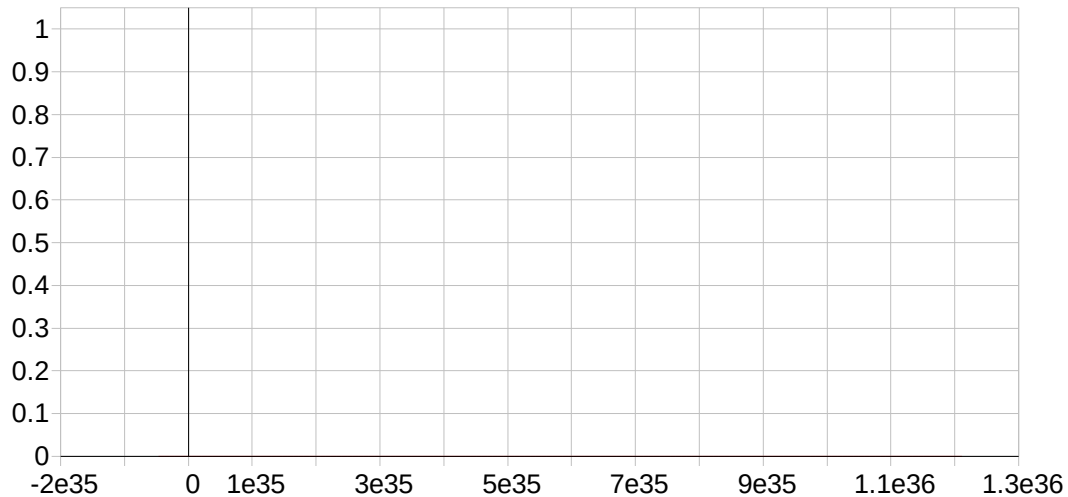
Y 224.306 {450}*

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

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



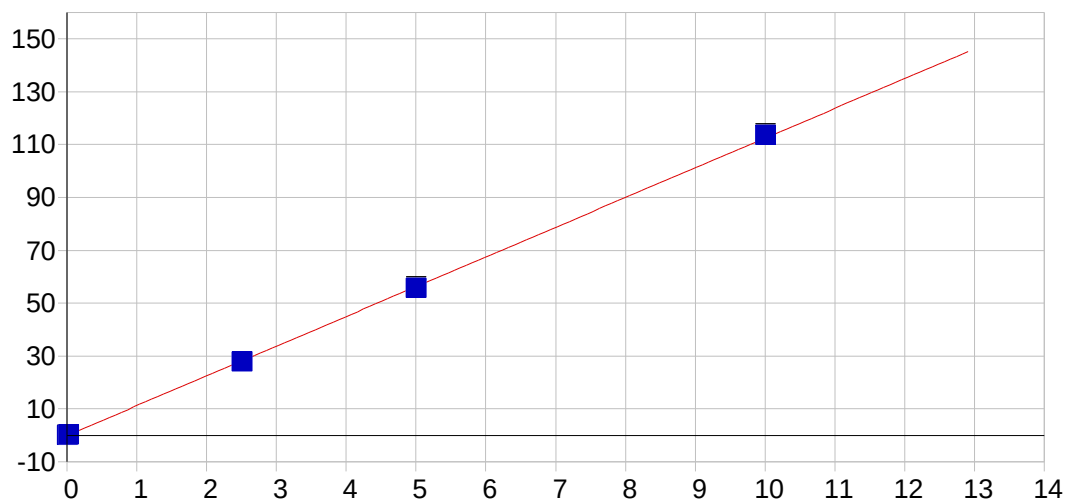




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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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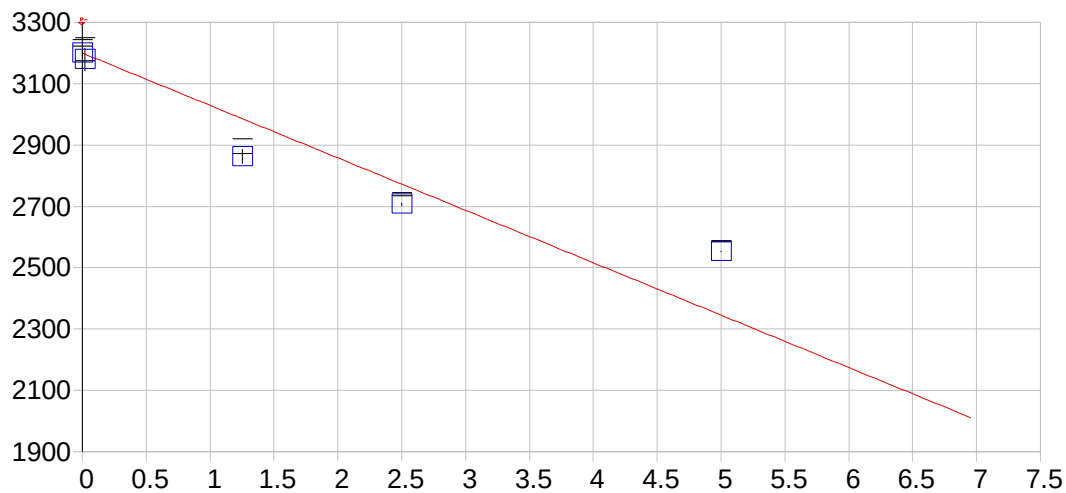


Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.012995 Re-Slope: 1.000000
 A1 (Gain): 11.248692 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.002986
 Predicted MDL: 0.000129

Predicted MQL: 0.000430

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01302	.001	1
S1	.02000	.02298	.003	14.9	.24671	.001	1
S3	2.5000	2.4665	-.033	-1.34	27.763	.115	1
S4	5.0000	4.9479	-.052	-1.04	55.706	.525	1
S5	10.000	10.083	.083	.826	113.53	.476	1

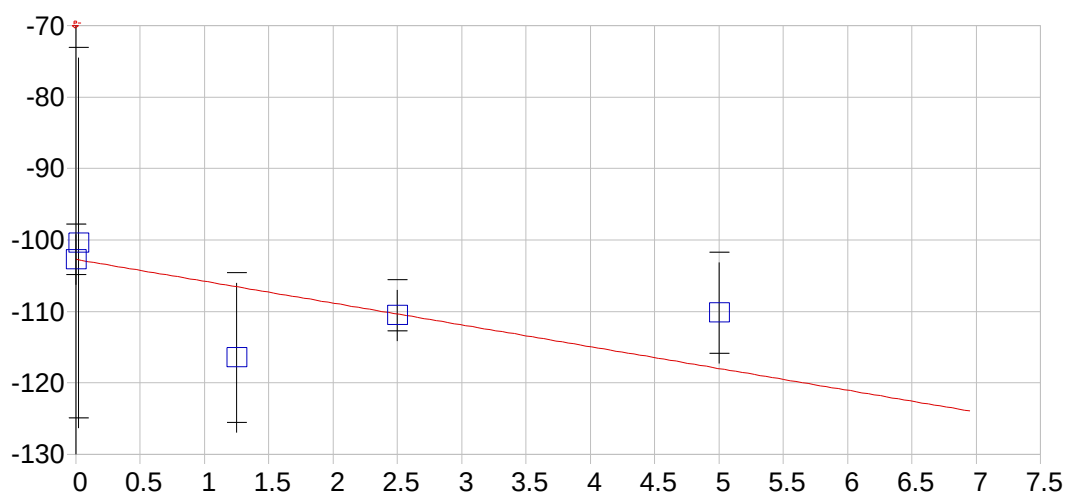


U 367.007 { 92 }

Date of Fit: 2/27/2019 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3199.919272 Re-Slope: 1.000000
A1 (Gain): -170.897991 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.931346 Status: Warning Negative Gain
Std Error of Est: 1.141814
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	-.000	.000	3199.9	10.2	1
S1	.02000	.12619	.106	531.	3178.4	37.4	1
S3	1.2500	1.9739	.724	57.9	2862.6	23.6	1
S4	2.5000	2.8877	.388	15.5	2706.4	4.27	1
S5	5.0000	3.7822	-1.22	-24.4	2553.6	1.79	1



U 385.958 { 87}

Date of Fit: 2/27/2019 12:03:52

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -102.729562

Re-Slope: 1.000000

A1 (Gain): -3.049509

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.425794

Status: Warning Negative Gain

Std Error of Est: 0.110739

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00073	.001	.000	-102.73	3.54	1
S1	.02000	-.75247	-.772	-3860.	-100.43	25.9	1
S3	1.2500	4.4983	3.25	260.	-116.45	10.5	1
S4	2.5000	2.5700	.070	2.80	-110.57	3.62	1
S5	5.0000	2.4542	-2.55	-50.9	-110.21	7.07	1

Sample Name: S0 Acquired: 2/27/2019 11:34:45 Type: Cal
Method: P4-ICP2(v2894) 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	-.00009	.00011	.00701	-.00011	.00099	.00026	.09744	.00015
Stddev	.00009	.00008	.00020	.00013	.00022	.00011	.00078	.00005
%RSD	104.23	79.698	2.8205	112.28	22.609	41.511	.80140	33.826

#1	-.00018	.00008	.00679	-.00006	.00114	.00015	.09677	.00016
#2	.00001	.00003	.00709	-.00002	.00110	.00025	.09726	.00018
#3	-.00010	.00020	.00717	-.00026	.00073	.00036	.09830	.00009

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	-.00297	-.00076	-.00029	-.00059	-.00003	.00951	-.00021	-.00022
Stddev	.00018	.00040	.00004	.00009	.00007	.00036	.00004	.00031
%RSD	6.1430	52.893	15.451	15.847	268.61	3.8223	17.145	145.09

#1	-.00317	-.00092	-.00030	-.00056	.00005	.00993	-.00018	-.00053
#2	-.00282	-.00105	-.00032	-.00070	-.00008	.00929	-.00020	.00010
#3	-.00291	-.00030	-.00024	-.00052	-.00005	.00931	-.00025	-.00021

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00970	.00100	.04038	.00036	.00297	-.12660	.00070	-.00012
Stddev	.00026	.00001	.00145	.00004	.00007	.00082	.00013	.00017
%RSD	2.6630	.57546	3.5920	10.093	2.3771	.64475	17.819	138.04

#1	-.00993	.00100	.04114	.00035	.00297	-.12747	.00081	-.00009
#2	-.00973	.00100	.04129	.00033	.00290	-.12647	.00057	-.00031
#3	-.00942	.00101	.03871	.00040	.00304	-.12585	.00073	.00003

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	.00003	.01120	.00132	.00257	.03806	-.0036	-.01302	3199.9
Stddev	.00008	.00037	.00012	.00091	.00489	.0001	.00124	10.2
%RSD	237.71	3.3463	9.1238	35.291	12.846	3.193	9.5003	.31822

#1	-.00005	.01084	.00140	.00331	.03551	-.0035	-.01281	3190.1
#2	.00004	.01159	.00137	.00156	.04369	-.0035	-.01191	3199.3
#3	.00010	.01119	.00118	.00284	.03496	-.0037	-.01436	3210.4

Sample Name: S0 Acquired: 2/27/2019 11:34:45 Type: Cal
 Method: P4-ICP2(v2894) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-102.73
Stddev	3.54
%RSD	3.4470

#1	-98.644
#2	-104.84
#3	-104.71

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3253.4	46390.	3641.3	17.603	3463.8
Stddev	23.6	65.	9.8	1.123	28.4
%RSD	.72505	.13921	.27046	6.3818	.82048

#1	3246.9	46329.	3652.6	18.883	3460.3
#2	3233.8	46458.	3635.9	17.142	3437.4
#3	3279.6	46383.	3635.3	16.783	3493.9

Sample Name: S1 Acquired: 2/27/2019 11:39:11 Type: Cal
Method: P4-ICP2(v2894) 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	.00100	.00572	.01140	.00143	.00886	.00120	.19592	.00628
Stddev	.00010	.00013	.00034	.00007	.00012	.00007	.00175	.00007
%RSD	10.233	2.2558	2.9529	5.2235	1.3563	5.9994	.89090	1.1293

#1	.00112	.00587	.01155	.00134	.00873	.00117	.19603	.00636
#2	.00092	.00566	.01163	.00147	.00890	.00115	.19760	.00626
#3	.00097	.00564	.01101	.00148	.00896	.00128	.19412	.00622

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	.01784	.00209	.04710	.01581	.05751	.02975	.02647	.00334
Stddev	.00032	.00010	.00031	.00027	.00138	.00022	.00048	.00002
%RSD	1.7664	4.9335	.65066	1.6790	2.3952	.75505	1.8252	.61017

#1	.01776	.00197	.04706	.01592	.05600	.02999	.02622	.00336
#2	.01758	.00216	.04681	.01601	.05783	.02970	.02617	.00333
#3	.01819	.00214	.04742	.01551	.05870	.02955	.02703	.00332

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	.00810	.11995	.14328	.00519	.00015	.20569	.01085	.01643
Stddev	.00005	.00069	.00036	.00014	.00008	.00051	.00016	.00073
%RSD	.56352	.57275	.25403	2.6621	57.409	.24849	1.4380	4.4144

#1	.00813	.11975	.14309	.00535	.00016	.20623	.01068	.01573
#2	.00804	.11939	.14305	.00510	.00006	.20521	.01088	.01718
#3	.00812	.12072	.14370	.00512	.00022	.20564	.01099	.01638

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07236	-.0013	.24671	3178.4	-100.43
Stddev	.00192	.0001	.00098	37.4	25.93
%RSD	2.6583	7.222	.39718	1.1777	25.816

#1	.07022	-.0013	.24657	3192.8	-79.502
#2	.07292	-.0014	.24775	3206.4	-92.363
#3	.07394	-.0012	.24580	3135.9	-129.44

Sample Name: S1 Acquired: 2/27/2019 11:39:11 Type: Cal
Method: P4-ICP2(v2894) 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	3289.1	46897.	3716.2	17.561	3479.0
Stddev	7.5	246.	15.2	.834	13.3
%RSD	.22764	.52356	.40985	4.7464	.38264
#1	3292.5	46870.	3733.7	17.275	3478.4
#2	3294.4	47154.	3706.3	18.500	3492.6
#3	3280.6	46666.	3708.6	16.908	3466.0

Sample Name: S2 Acquired: 2/27/2019 11:43:36 Type: Cal
Method: P4-ICP2(v2894) 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	.11446	.02403	.61571	.05312
Stddev	.00058	.00043	.00310	.00101
%RSD	.50595	1.7813	.50271	1.9059

#1	.11498	.02433	.61816	.05422
#2	.11384	.02354	.61673	.05224
#3	.11456	.02422	.61223	.05288

Int. Std.	Y_3710
Units	Cts/S
Avg	3709.8
Stddev	12.5
%RSD	.33647

#1	3698.7
#2	3723.3
#3	3707.3

Sample Name: S3 Acquired: 2/27/2019 11:47:50 Type: Cal
Method: P4-ICP2(v2894) 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	.13107	.28289	.80934	.15860	.31214	.03504	4.0388	.10771
Stddev	.00039	.00111	.00236	.00061	.00046	.00031	.0223	.00032
%RSD	.29465	.39389	.29176	.38181	.14772	.89308	.55202	.30001
#1	.13063	.28194	.80864	.15804	.31256	.03475	4.0511	.10774
#2	.13135	.28411	.81197	.15924	.31221	.03537	4.0522	.10738
#3	.13123	.28261	.80740	.15851	.31165	.03500	4.0131	.10802
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.8507	.63647	.10138	1.5708	.40076	.98092	1.4877	.13268
Stddev	.0173	.00204	.00036	.0081	.00060	.00606	.0015	.00087
%RSD	.44794	.32101	.35435	.51348	.14934	.61818	.09956	.65531
#1	3.8494	.63425	.10100	1.5679	.40123	.98257	1.4867	.13169
#2	3.8685	.63827	.10171	1.5799	.40009	.98598	1.4870	.13329
#3	3.8341	.63689	.10142	1.5646	.40098	.97420	1.4894	.13308
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	.88350	.12736	3.2601	.19269	3.0008	.87545	1.5422	.10703
Stddev	.00365	.00021	.0257	.00015	.0146	.00945	.0042	.00107
%RSD	.41307	.16213	.78959	.07769	.48730	1.0790	.27162	.99512
#1	.88618	.12742	3.2763	.19261	2.9955	.87931	1.5428	.10673
#2	.88497	.12753	3.2736	.19259	3.0173	.88236	1.5460	.10822
#3	.87934	.12713	3.2304	.19286	2.9895	.86469	1.5377	.10615
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	.01888	1.0647	.51125	.74263	3.2012	.2569	27.763	2862.6
Stddev	.00023	.0092	.00250	.00083	.0158	.0012	.115	23.6
%RSD	1.2306	.86824	.48974	.11116	.49198	.4701	.41286	.82388
#1	.01894	1.0713	.50879	.74335	3.2077	.2557	27.775	2876.1
#2	.01907	1.0688	.51380	.74280	3.2128	.2581	27.871	2835.3
#3	.01862	1.0542	.51115	.74173	3.1833	.2568	27.643	2876.3

Sample Name: S3 Acquired: 2/27/2019 11:47:50 Type: Cal
Method: P4-ICP2(v2894) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-116.45
Stddev	10.47
%RSD	8.9923

#1	-125.10
#2	-104.81
#3	-119.44

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.7	44699.	3695.5	18.278	3221.0
Stddev	6.6	123.	25.1	.249	15.7
%RSD	.20838	.27565	.67918	1.3606	.48589

#1	3186.5	44795.	3685.4	17.992	3226.7
#2	3185.3	44560.	3677.1	18.396	3203.3
#3	3197.4	44742.	3724.1	18.446	3233.0

Sample Name: S4 Acquired: 2/27/2019 11:51:52 Type: Cal
Method: P4-ICP2(v2894) 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	.27034	.57713	1.6527	.32576	.64229	.07206	7.9961	.21986
Stddev	.00136	.00058	.0032	.00159	.00139	.00051	.0809	.00058
%RSD	.50465	.10117	.19407	.48755	.21705	.70995	1.0114	.26235
#1	.27094	.57697	1.6538	.32658	.64322	.07159	8.0884	.22016
#2	.27130	.57665	1.6491	.32677	.64297	.07198	7.9620	.21919
#3	.26878	.57778	1.6553	.32393	.64069	.07261	7.9379	.22022
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	8.0075	1.2889	.20652	3.2508	.80678	1.9255	3.0014	.26840
Stddev	.0150	.0042	.00049	.0037	.00362	.0151	.0024	.00106
%RSD	.18741	.32826	.23520	.11263	.44860	.78653	.07907	.39629
#1	8.0242	1.2923	.20615	3.2519	.80983	1.9424	3.0041	.26717
#2	7.9953	1.2842	.20707	3.2467	.80774	1.9209	2.9997	.26903
#3	8.0029	1.2902	.20635	3.2538	.80278	1.9131	3.0004	.26900
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	1.8220	.25679	6.4382	.39172	6.2863	1.8571	3.1599	.21610
Stddev	.0019	.00071	.0630	.00044	.0111	.0216	.0131	.00075
%RSD	.10615	.27843	.97842	.11134	.17585	1.1616	.41597	.34739
#1	1.8229	.25724	6.5103	.39195	6.2898	1.8820	3.1701	.21632
#2	1.8197	.25716	6.4108	.39122	6.2739	1.8453	3.1644	.21671
#3	1.8233	.25596	6.3936	.39200	6.2952	1.8441	3.1450	.21526
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	.04053	2.1015	1.0522	1.5100	6.3587	.5454	55.706	2706.4
Stddev	.00035	.0193	.0017	.0039	.0568	.0019	.525	4.3
%RSD	.85207	.91753	.15905	.25651	.89265	.3451	.94175	.15791
#1	.04092	2.1212	1.0529	1.5113	6.4241	.5468	56.303	2702.9
#2	.04037	2.1005	1.0503	1.5056	6.3220	.5433	55.499	2705.2
#3	.04029	2.0827	1.0534	1.5130	6.3300	.5461	55.317	2711.2

Sample Name: S4 Acquired: 2/27/2019 11:51:52 Type: Cal
 Method: P4-ICP2(v2894) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-110.57
Stddev	3.62
%RSD	3.2776

#1	-111.81
#2	-106.49
#3	-113.41

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3096.7	43751.	3743.9	17.085	3064.1
Stddev	15.2	14.	30.8	.844	2.2
%RSD	.48994	.03247	.82374	4.9396	.07048

#1	3090.9	43764.	3708.6	17.442	3065.2
#2	3085.2	43753.	3757.3	16.122	3061.6
#3	3113.9	43736.	3765.7	17.692	3065.5

Sample Name: S5 Acquired: 2/27/2019 11:55:52 Type: Cal
Method: P4-ICP2(v2894) 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	.56404	1.1982	3.4696	.67489	1.3330	.14736	16.706	.45059
Stddev	.00175	.0072	.0171	.00229	.0059	.00104	.057	.00081
%RSD	.30959	.60086	.49412	.33946	.44482	.70347	.33956	.18029
#1	.56204	1.1985	3.4795	.67240	1.3265	.14830	16.747	.45143
#2	.56529	1.1909	3.4498	.67691	1.3381	.14753	16.729	.45052
#3	.56478	1.2053	3.4795	.67535	1.3345	.14625	16.641	.44981
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	16.858	2.5999	.41862	6.8752	1.6335	3.8672	6.0719	.54784
Stddev	.069	.0075	.00125	.0324	.0060	.0195	.0119	.00152
%RSD	.40858	.28742	.29852	.47062	.36917	.50450	.19587	.27729
#1	16.890	2.6031	.41943	6.8907	1.6267	3.8447	6.0819	.54793
#2	16.779	2.6053	.41926	6.8380	1.6381	3.8774	6.0750	.54932
#3	16.905	2.5914	.41718	6.8969	1.6357	3.8794	6.0587	.54628
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.8246	.53240	13.329	.80792	13.406	3.9963	6.5226	.43849
Stddev	.0179	.00227	.034	.00124	.060	.0170	.0265	.00162
%RSD	.46675	.42727	.25877	.15322	.44936	.42617	.40547	.36987
#1	3.8341	.53326	13.365	.80925	13.438	4.0145	6.4975	.43960
#2	3.8040	.53412	13.325	.80773	13.337	3.9935	6.5502	.43925
#3	3.8358	.52982	13.297	.80680	13.444	3.9808	6.5201	.43663
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	.08844	4.3536	2.2178	3.1188	13.146	1.169	113.53	2553.6
Stddev	.00014	.0186	.0108	.0059	.055	.004	.48	1.8
%RSD	.16293	.42684	.48813	.18845	.42091	.3848	.41925	.07021
#1	.08855	4.3353	2.2210	3.1205	13.183	1.171	113.01	2555.4
#2	.08827	4.3724	2.2057	3.1236	13.173	1.164	113.61	2551.8
#3	.08848	4.3531	2.2266	3.1123	13.083	1.173	113.95	2553.4

Sample Name: S5 Acquired: 2/27/2019 11:55:52 Type: Cal
 Method: P4-ICP2(v2894) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-110.21
Stddev	7.07
%RSD	6.4161

#1	-110.23
#2	-117.28
#3	-103.13

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2997.3	42765.	3678.9	16.224	2870.9
Stddev	11.6	131.	11.5	.960	10.7
%RSD	.38860	.30548	.31372	5.9182	.37264

#1	3008.6	42708.	3690.8	15.115	2868.4
#2	2985.4	42673.	3667.7	16.768	2882.6
#3	2997.9	42915.	3678.4	16.788	2861.6

Sample Name: ICV01 Acquired: 2/27/2019 12:04:21 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0086	1.0083	.99982	1.0089	1.0243	2.5172	.50660
Stddev	.0039	.0019	.00396	.0052	.0015	.0087	.00308
%RSD	.38224	.18804	.39571	.51750	.15148	.34592	.60781

#1	1.0049	1.0064	.99724	1.0042	1.0225	2.5122	.50914
#2	1.0126	1.0102	1.0044	1.0145	1.0250	2.5121	.50748
#3	1.0082	1.0083	.99784	1.0079	1.0253	2.5272	.50317

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49160	.48168	10.239	.50148	.49975	.51109	5.2595
Stddev	.00212	.00347	.048	.00183	.00083	.00074	.0447
%RSD	.43167	.72138	.47216	.36484	.16542	.14493	.84965

#1	.49318	.47771	10.188	.49938	.49884	.51175	5.2904
#2	.48918	.48413	10.284	.50236	.49995	.51029	5.2798
#3	.49242	.48321	10.245	.50271	.50046	.51122	5.2083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51192	6.1446	.49881	.48955	9.8623	.50010	.97726
Stddev	.00029	.0046	.00100	.00126	.0522	.00140	.00709
%RSD	.05608	.07542	.19991	.25725	.52911	.27993	.72568

#1	.51176	6.1401	.49767	.48892	9.9191	.50130	.96912
#2	.51174	6.1493	.49948	.49100	9.8515	.49856	.98213
#3	.51225	6.1444	.49929	.48873	9.8164	.50043	.98052

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.110	2.5537	2.5161	2.5191	2.4739	2.4540	2.5227
Stddev	.022	.0159	.0076	.0190	.0158	.0074	.0058
%RSD	.22188	.62216	.30145	.75355	.64015	.30071	.23120

#1	10.100	2.5359	2.5193	2.5027	2.4887	2.4470	2.5240
#2	10.093	2.5664	2.5074	2.5148	2.4758	2.4533	2.5163
#3	10.135	2.5588	2.5215	2.5399	2.4572	2.4617	2.5278

Sample Name: ICV01 Acquired: 2/27/2019 12:04:21 Type: Unk
Method: P4-ICP2(v2894) 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 2.9509	F 2.677	F 2.9841	F 2.5346	F<.00000
Stddev	.0118	.004	.0103	.0110	3.8514
%RSD	.40088	.1452	.34512	.43420	12.869

#1	2.9593	2.672	2.9936	2.5430	-34.325
#2	2.9561	2.679	2.9856	2.5221	-27.156
#3	2.9374	2.679	2.9732	2.5386	-28.300

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3125.0	44844.	3739.4	17.404	3217.3
Stddev	16.9	73.	31.9	1.519	19.9
%RSD	.53956	.16227	.85185	8.7281	.61975

#1	3144.0	44903.	3714.0	18.405	3240.0
#2	3111.6	44865.	3729.0	18.151	3202.9
#3	3119.5	44762.	3775.1	15.656	3208.9

Sample Name: LLICV01 Acquired: 2/27/2019 12:09:55 Type: Unk
Method: P4-ICP2(v2894) 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	.01964	.04311	.01177	.02186	.05718	.10607	.09735	.00619
Stddev	.00168	.00107	.00009	.00138	.00057	.00566	.00468	.00001
%RSD	8.5282	2.4880	.76425	6.3097	.98951	5.3336	4.8109	.11800
#1	.01981	.04246	.01180	.02345	.05738	.09955	.09553	.00619
#2	.01789	.04253	.01185	.02110	.05654	.10976	.09386	.00620
#3	.02123	.04435	.01167	.02103	.05762	.10888	.10268	.00619
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00574	2.1162	.01045	.03302	.02161	.10905	.02229	2.2192
Stddev	.00009	.0348	.00038	.00030	.00067	.00358	.00002	.0376
%RSD	1.6528	1.6439	3.6646	.90989	3.0792	3.2791	.09248	1.6931
#1	.00578	2.1199	.01055	.03333	.02238	.11080	.02231	2.1843
#2	.00580	2.1490	.01078	.03273	.02129	.11141	.02227	2.2589
#3	.00563	2.0797	.01003	.03300	.02118	.10493	.02229	2.2143
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04329	.01062	1.9833	.04358	.04161	2.1450	.20428	.11703
Stddev	.00059	.00065	.0382	.00024	.00006	.0335	.00083	.00773
%RSD	1.3744	6.0779	1.9241	.54994	.14719	1.5605	.40515	6.6055
#1	.04392	.01055	2.0140	.04385	.04166	2.1739	.20490	.10821
#2	.04274	.01001	1.9955	.04348	.04154	2.1083	.20334	.12024
#3	.04320	.01129	1.9406	.04341	.04163	2.1527	.20460	.12264
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01751	.39990	.04040	.04126	.01870	.0162	.02074	F 2.2106
Stddev	.02194	.00378	.00060	.00233	.00214	.0005	.00015	.1358
%RSD	125.30	.94602	1.4973	5.6503	11.449	2.823	.71081	6.1413
#1	.04034	.40261	.04101	.04336	.01873	.0168	.02091	2.2695
#2	-.00342	.40151	.03981	.04167	.02083	.0160	.02069	2.0554
#3	.01561	.39558	.04037	.03875	.01655	.0160	.02063	2.3070

Sample Name: LLICV01 Acquired: 2/27/2019 12:09:55 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.3478
Stddev	5.1689
%RSD	383.50

#1	1.7633
#2	-4.0163
#3	6.2964

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3195.5	45894.	3821.4	17.594	3418.9
Stddev	10.7	173.	51.3	.464	16.4
%RSD	.33374	.37624	1.3417	2.6355	.48040

#1	3206.6	45759.	3776.0	18.125	3431.5
#2	3194.5	46089.	3811.1	17.392	3424.8
#3	3185.3	45835.	3877.0	17.267	3400.3

Sample Name: ICB01 Acquired: 2/27/2019 12:14:21 Type: Unk
Method: P4-ICP2(v2894) 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	-.00000	-.00029	-.00134	-.00034	-.00098	-.01028	-.00525	.00003
Stddev	.00277	.00054	.00050	.00142	.00117	.00662	.00071	.00007
%RSD	161870.	183.29	36.974	418.53	118.51	64.422	13.461	208.12
#1	-.00161	-.00090	-.00078	.00124	-.00203	-.00276	-.00559	.00009
#2	-.00160	.00014	-.00153	-.00151	.00027	-.01281	-.00444	.00006
#3	.00320	-.00013	-.00172	-.00075	-.00119	-.01526	-.00572	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.01374	-.00004	.00001	-.00001	-.00090	.00003	.02697
Stddev	.00005	.01847	.00028	.00016	.00034	.00188	.00005	.05327
%RSD	4101.0	134.44	773.68	2325.4	2808.2	209.99	173.24	197.46
#1	-.00005	-.00755	.00007	.00007	.00024	.00127	.00008	-.03453
#2	-.00001	.02326	.00017	.00013	-.00039	-.00181	.00001	.05815
#3	.00005	.02551	-.00035	-.00018	.00011	-.00214	-.00001	.05730
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	.00028	-.06596	.00027	-.00013	.08962	.00003	.01257
Stddev	.00037	.00035	.01073	.00038	.00013	.02418	.00014	.01272
%RSD	95.769	124.90	16.266	138.69	100.36	26.983	440.26	101.18
#1	.00024	.00034	-.07834	.00070	-.00002	.06719	-.00010	.02251
#2	.00011	-.00009	-.05928	.00014	-.00028	.08642	.00019	.01697
#3	.00081	.00060	-.06027	-.00002	-.00009	.11524	.00001	-.00176
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01206	.00198	-.00080	.00058	-.00327	-.0013	.00006	F 2.5120
Stddev	.03472	.00101	.00014	.00117	.00028	.0011	.00010	.1132
%RSD	287.94	50.787	16.930	202.99	8.6586	89.82	169.81	4.5043
#1	.00301	.00295	-.00066	.00066	-.00323	-.0005	-.00005	2.6351
#2	-.01725	.00094	-.00081	.00170	-.00300	-.0026	.00009	2.4882
#3	.05041	.00205	-.00094	-.00063	-.00356	-.0007	.00014	2.4126

Sample Name: ICB01 Acquired: 2/27/2019 12:14:21 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .99452
Stddev	1.4752
%RSD	148.34

#1	1.8125
#2	1.8796
#3	-.70850

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3158.7	45581.	3753.1	17.625	3402.6
Stddev	7.5	81.	8.6	.546	17.7
%RSD	.23682	.17850	.23002	3.1004	.52152

#1	3150.2	45487.	3743.5	18.125	3391.7
#2	3164.5	45624.	3760.1	17.042	3392.9
#3	3161.3	45632.	3755.7	17.708	3423.0

Sample Name: CRI01 Acquired: 2/27/2019 12:18:48 Type: Unk
Method: P4-ICP2(v2894) 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	.01653	.04379	.01207	.02251	.05890	.10828	.09743	.00634
Stddev	.00065	.00131	.00066	.00168	.00035	.01369	.00503	.00005
%RSD	3.9608	2.9894	5.4605	7.4649	.59152	12.647	5.1628	.73717
#1	.01698	.04383	.01217	.02213	.05905	.11591	.09843	.00638
#2	.01684	.04509	.01268	.02435	.05850	.09247	.10189	.00635
#3	.01578	.04247	.01137	.02106	.05916	.11646	.09198	.00629
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00576	2.0991	.01025	.03309	.02263	.11155	.02265	2.1949
Stddev	.00004	.0159	.00021	.00026	.00070	.00145	.00015	.0155
%RSD	.75025	.75700	2.0926	.77874	3.0931	1.3020	.66460	.70562
#1	.00574	2.1163	.01019	.03299	.02226	.11322	.02270	2.1908
#2	.00581	2.0850	.01007	.03338	.02344	.11055	.02248	2.2120
#3	.00573	2.0959	.01049	.03289	.02220	.11089	.02277	2.1819
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04311	.01143	1.9711	.04481	.04203	2.1011	.20773	.11431
Stddev	.00020	.00039	.0024	.00049	.00026	.0634	.00032	.00096
%RSD	.46866	3.4128	.11981	1.0983	.62123	3.0177	.15460	.83813
#1	.04331	.01111	1.9719	.04435	.04193	2.0407	.20778	.11320
#2	.04310	.01132	1.9684	.04475	.04232	2.0955	.20738	.11486
#3	.04291	.01187	1.9729	.04533	.04183	2.1672	.20802	.11487
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01584	.40231	.04040	.04307	.01900	.0174	.02091	F 2.7137
Stddev	.02300	.00473	.00065	.00280	.00197	.0005	.00020	.1163
%RSD	145.16	1.1761	1.6193	6.5123	10.369	2.794	.97429	4.2846
#1	-.01071	.40720	.03970	.04302	.01817	.0177	.02079	2.6183
#2	.02872	.39775	.04052	.04029	.01757	.0168	.02080	2.8432
#3	.02952	.40198	.04099	.04590	.02124	.0176	.02115	2.6797

Sample Name: CRI01 Acquired: 2/27/2019 12:18:48 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 5.1610
Stddev	.9043
%RSD	17.521

#1	4.4177
#2	4.8975
#3	6.1677

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3135.0	45241.	3785.5	17.350	3390.3
Stddev	5.3	77.	18.0	1.484	19.3
%RSD	.16892	.16995	.47422	8.5526	.56873

#1	3130.2	45152.	3765.8	15.675	3400.3
#2	3140.7	45284.	3789.9	18.500	3368.1
#3	3134.2	45287.	3800.9	17.875	3402.6

Sample Name: ICSA01 Acquired: 2/27/2019 12:32:27 Type: Unk
Method: P4-ICP2(v2894) 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	-.00843	-.00113	.00255	-.00572	-.00388	270.60	-.00132	.00079
Stddev	.00032	.00170	.00173	.00420	.00544	.62	.00293	.00013
%RSD	3.7920	150.58	67.714	73.512	140.02	.22949	222.04	16.700
#1	-.00874	.00020	.00129	-.00921	-.00975	270.69	-.00144	.00073
#2	-.00846	-.00304	.00453	-.00689	-.00289	271.17	.00167	.00070
#3	-.00810	-.00054	.00185	-.00105	.00099	269.93	-.00418	.00095
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00315	242.64	.05567	-.00044	-.00484	91.387	.01545	258.85
Stddev	.00005	.55	.00046	.00025	.00051	.283	.00012	.34
%RSD	1.6332	.22714	.83527	57.600	10.497	.31000	.80421	.13259
#1	-.00309	242.12	.05620	-.00041	-.00485	91.060	.01551	258.66
#2	-.00315	243.22	.05537	-.00070	-.00534	91.560	.01530	258.65
#3	-.00319	242.59	.05542	-.00020	-.00433	91.540	.01553	259.25
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00937	-.00499	.00377	.00199	-.01353	.13824	.00120	.04303
Stddev	.00098	.00025	.00618	.00040	.00016	.01639	.00049	.00645
%RSD	10.492	4.9391	164.14	20.094	1.1650	11.856	40.855	14.979
#1	-.01017	-.00472	-.00250	.00242	-.01337	.15299	.00134	.04950
#2	-.00967	-.00520	.00395	.00191	-.01355	.14114	.00160	.04300
#3	-.00827	-.00505	.00986	.00164	-.01368	.12059	.00065	.03661
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00553	-.00347	.01069	-.00257	F .03265	-.0037	.00211	4.9130
Stddev	.04881	.00325	.00073	.00230	.00193	.0010	.00044	.1002
%RSD	881.93	93.698	6.8733	89.719	5.9074	25.85	20.819	2.0388
#1	-.01985	-.00383	.00984	-.00521	.03488	-.0028	.00170	4.8962
#2	.06181	-.00653	.01112	-.00151	.03156	-.0047	.00204	5.0205
#3	-.02536	-.00005	.01109	-.00098	.03151	-.0037	.00257	4.8223

Sample Name: ICSA01 Acquired: 2/27/2019 12:32:27 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	3.3506
%RSD	.41111

#1	-812.71
#2	-813.46
#3	-818.86

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2767.3	39481.	3621.5	16.292	2689.3
Stddev	8.0	137.	2.3	.280	6.0
%RSD	.28921	.34792	.06418	1.7216	.22132

#1	2760.5	39343.	3623.6	15.969	2683.3
#2	2765.2	39483.	3619.0	16.427	2689.5
#3	2776.1	39617.	3622.1	16.479	2695.2

Sample Name: ICSAB01 Acquired: 2/27/2019 12:43:24 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09698	.08732	.05482	.05001	.62833	279.77	.49867	.53667
Stddev	.00247	.00300	.00228	.00467	.00087	1.43	.00808	.00072
%RSD	2.5447	3.4370	4.1564	9.3454	.13900	.51197	1.6197	.13376
#1	.09434	.08874	.05219	.05512	.62784	279.30	.49727	.53683
#2	.09739	.08388	.05614	.04594	.62934	281.38	.49138	.53730
#3	.09922	.08935	.05612	.04898	.62781	278.64	.50735	.53589
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97653	249.89	.56606	.49873	.49228	93.795	.52287	264.99
Stddev	.00142	1.99	.00175	.00076	.00083	.761	.00030	1.72
%RSD	.14573	.79742	.30832	.15177	.16863	.81083	.05785	.64934
#1	.97492	247.72	.56441	.49948	.49139	93.189	.52266	263.59
#2	.97703	250.31	.56789	.49797	.49304	93.547	.52321	264.48
#3	.97763	251.63	.56589	.49873	.49241	94.648	.52273	266.91
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96755	.17925	.02693	.50289	1.0539	.17677	1.1499	1.1467
Stddev	.00266	.00068	.02895	.00223	.0021	.00588	.0008	.0122
%RSD	.27503	.37822	107.49	.44392	.19969	3.3244	.07202	1.0610
#1	.96862	.17998	.02861	.50228	1.0515	.18216	1.1497	1.1364
#2	.96452	.17864	-.00282	.50537	1.0552	.17764	1.1508	1.1436
#3	.96951	.17913	.05501	.50104	1.0551	.17050	1.1491	1.1602
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0968	1.0439	1.1359	1.1307	F 1.2939	1.151	1.1979	5.4539
Stddev	.0202	.0079	.0013	.0034	.0035	.004	.0043	.0472
%RSD	1.8426	.75928	.11298	.29839	.27215	.3943	.36262	.86497
#1	1.0922	1.0473	1.1374	1.1273	1.2901	1.157	1.1935	5.4054
#2	1.0793	1.0349	1.1351	1.1341	1.2970	1.148	1.1980	5.4568
#3	1.1189	1.0496	1.1352	1.1307	1.2946	1.149	1.2022	5.4996

Sample Name: ICSAB01 Acquired: 2/27/2019 12:43:24 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	10.009
%RSD	1.2344

#1	-804.04
#2	-822.31
#3	-806.08

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2732.8	38729.	3561.3	15.459	2641.2
Stddev	10.3	31.	29.6	1.607	6.5
%RSD	.37519	.08017	.83192	10.398	.24769

#1	2744.2	38764.	3577.4	14.915	2648.3
#2	2724.3	38720.	3579.4	17.268	2635.4
#3	2729.8	38703.	3527.1	14.194	2640.0

Sample Name: CCV01 Acquired: 2/27/2019 12:47:40 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0540	4.9840	5.0044	5.0436	5.0824	10.103	9.7692	.25021
Stddev	.0176	.0126	.0086	.0081	.0124	.065	.1104	.00081
%RSD	.34808	.25254	.17275	.16139	.24299	.64128	1.1296	.32284
#1	5.0670	4.9941	5.0138	5.0371	5.0963	10.158	9.6481	.24965
#2	5.0340	4.9879	4.9967	5.0411	5.0726	10.032	9.8642	.25114
#3	5.0610	4.9699	5.0029	5.0527	5.0785	10.120	9.7951	.24985
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4702	25.065	1.0149	2.5020	1.2654	5.0694	2.5236	25.298
Stddev	.0022	.156	.0033	.0021	.0022	.0468	.0044	.062
%RSD	.09030	.62373	.32694	.08566	.17718	.92399	.17504	.24642
#1	2.4727	24.888	1.0124	2.5045	1.2680	5.0202	2.5285	25.333
#2	2.4697	25.126	1.0137	2.5004	1.2638	5.1134	2.5223	25.336
#3	2.4683	25.182	1.0187	2.5012	1.2646	5.0745	2.5200	25.226
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4733	1.2830	23.915	2.4812	2.5109	24.449	5.0906	4.8678
Stddev	.0019	.0006	.250	.0066	.0019	.117	.0162	.0256
%RSD	.07845	.05056	1.0465	.26794	.07494	.47698	.31889	.52576
#1	2.4713	1.2836	23.656	2.4889	2.5130	24.315	5.1090	4.8394
#2	2.4751	1.2823	24.155	2.4774	2.5103	24.516	5.0787	4.8892
#3	2.4736	1.2831	23.934	2.4773	2.5093	24.517	5.0839	4.8746
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8398	4.9308	4.9577	5.0406	4.9739	4.894	5.0942	4.7989
Stddev	.0271	.0421	.0056	.0224	.0614	.013	.0570	.0544
%RSD	.55969	.85432	.11287	.44389	1.2351	.2583	1.1198	1.1346
#1	4.8490	4.8821	4.9514	5.0164	4.9075	4.891	5.0287	4.8596
#2	4.8093	4.9557	4.9594	5.0605	5.0286	4.909	5.1327	4.7824
#3	4.8611	4.9544	4.9622	5.0448	4.9857	4.884	5.1213	4.7545

Sample Name: CCV01 Acquired: 2/27/2019 12:47:40 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.6686
Stddev	6.0689
%RSD	165.43

#1	5.6496
#2	-3.1433
#3	8.4994

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2956.4	42120.	3660.2	16.041	2952.6
Stddev	8.3	127.	28.3	.640	3.9
%RSD	.27943	.30033	.77440	3.9903	.13065

#1	2947.0	41983.	3689.9	15.305	2948.5
#2	2962.6	42233.	3633.5	16.472	2956.2
#3	2959.6	42144.	3657.2	16.345	2953.0

Sample Name: LLCCV01 Acquired: 2/27/2019 12:53:09 Type: Unk
Method: P4-ICP2(v2894) 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	.01964	.04413	.01212	.02051	.05824	.11831	.10150	.00631
Stddev	.00232	.00225	.00062	.00042	.00213	.00727	.00570	.00010
%RSD	11.803	5.0922	5.1087	2.0677	3.6526	6.1412	5.6185	1.5743
#1	.02074	.04431	.01244	.02098	.05588	.11336	.09575	.00637
#2	.01698	.04628	.01251	.02015	.05884	.12665	.10715	.00637
#3	.02121	.04180	.01140	.02039	.06000	.11491	.10160	.00620
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00589	2.1474	.01097	.03373	.02283	.11254	.02279	2.2990
Stddev	.00007	.0125	.00029	.00031	.00049	.00157	.00006	.0411
%RSD	1.1173	.58063	2.6812	.90550	2.1390	1.3975	.25955	1.7861
#1	.00589	2.1334	.01072	.03359	.02227	.11095	.02281	2.3031
#2	.00596	2.1571	.01129	.03407	.02303	.11409	.02284	2.3379
#3	.00582	2.1518	.01089	.03351	.02318	.11258	.02273	2.2560
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04363	.01092	1.9953	.04492	.04270	2.2513	.20916	.11243
Stddev	.00074	.00040	.0088	.00011	.00006	.0631	.00024	.00786
%RSD	1.6984	3.6214	.44000	.24707	.14912	2.8025	.11373	6.9920
#1	.04293	.01055	1.9871	.04496	.04273	2.2968	.20905	.10961
#2	.04440	.01133	2.0046	.04501	.04275	2.2778	.20899	.10636
#3	.04355	.01089	1.9942	.04480	.04263	2.1793	.20943	.12131
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02378	.40866	.04099	.04269	F .02507	.0188	.02141	F 3.2294
Stddev	.00652	.00342	.00054	.00405	.00188	.0014	.00023	.2245
%RSD	27.408	.83569	1.3189	9.4932	7.5042	7.478	1.0893	6.9504
#1	.02732	.40492	.04155	.03801	.02645	.0204	.02167	3.3775
#2	.01626	.41160	.04047	.04496	.02583	.0178	.02134	2.9712
#3	.02776	.40946	.04095	.04511	.02292	.0182	.02122	3.3395

Sample Name: LLCCV01 Acquired: 2/27/2019 12:53:09 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3217
Stddev	4.8008
%RSD	206.78

#1	7.5728
#2	1.2346
#3	-1.8423

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3092.8	44690.	3747.1	17.825	3328.8
Stddev	7.3	121.	10.4	.708	6.3
%RSD	.23633	.27052	.27746	3.9746	.19010

#1	3094.8	44782.	3757.0	17.008	3332.0
#2	3098.9	44735.	3748.2	18.192	3321.5
#3	3084.7	44553.	3736.3	18.275	3332.9

Sample Name: CCB01 Acquired: 2/27/2019 12:57:34 Type: Unk
Method: P4-ICP2(v2894) 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	-.00386	.00015	-.00081	-.00023	.00051	.00067	-.00548
Stddev	.00138	.00192	.00090	.00352	.00133	.00699	.00312
%RSD	35.717	1243.1	111.01	1563.5	261.86	1048.5	56.883

#1	-.00313	.00222	-.00172	.00324	-.00068	.00569	-.00828
#2	-.00300	-.00159	-.00079	-.00011	.00195	-.00732	-.00605
#3	-.00545	-.00017	.00008	-.00381	.00025	.00363	-.00212

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00005	.01420	-.00007	.00018	.00021	-.00036
Stddev	.00009	.00008	.01598	.00037	.00019	.00073	.00191
%RSD	139.60	177.81	112.58	523.61	110.62	353.81	532.35

#1	-.00002	-.00007	.03126	-.00015	.00026	-.00031	.00152
#2	.00016	.00005	-.00043	-.00040	.00032	-.00011	-.00030
#3	.00006	-.00011	.01177	.00033	-.00005	.00104	-.00230

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00400	.00034	.00024	-.06663	.00035	-.00018
Stddev	.00002	.04093	.00038	.00018	.00468	.00031	.00004
%RSD	41.481	1023.9	112.62	75.788	7.0298	90.003	22.038

#1	.00003	.04311	.00050	.00007	-.06222	.00039	-.00019
#2	.00006	-.03087	-.00010	.00042	-.06613	.00063	-.00013
#3	.00004	-.02423	.00063	.00022	-.07155	.00001	-.00021

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18721	.00006	.01180	.00197	.00134	-.00029	-.00082
Stddev	.05592	.00033	.00797	.01288	.00272	.00009	.00297
%RSD	29.869	520.32	67.560	654.45	202.67	30.982	363.81

#1	.12277	.00021	.01091	.00199	.00152	-.00039	-.00395
#2	.22296	.00030	.00431	-.01092	-.00146	-.00022	-.00047
#3	.21590	-.00032	.02018	.01483	.00397	-.00026	.00197

Sample Name: CCB01 Acquired: 2/27/2019 12:57:34 Type: Unk
 Method: P4-ICP2(v2894) 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	-.00168	-.0013	.00005	F 3.4716	F<.00000
Stddev	.00241	.0007	.00001	.0886	.25721
%RSD	142.93	59.62	19.504	2.5525	10.145

#1	-.00389	-.0006	.00004	3.4965	-2.3895
#2	.00088	-.0011	.00004	3.5450	-2.3841
#3	-.00205	-.0021	.00006	3.3732	-2.8323

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3075.0	44594.	3751.6	17.675	3327.2
Stddev	17.6	187.	11.9	.867	12.9
%RSD	.57348	.41891	.31731	4.9079	.38790

#1	3074.4	44408.	3748.4	18.625	3339.8
#2	3093.0	44593.	3741.6	16.925	3314.0
#3	3057.7	44782.	3764.8	17.475	3327.8

Sample Name: LR CHECK 1 Acquired: 2/27/2019 13:04:50 Type: Unk
Method: P4-ICP2(v2894) 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	-.18402	-.09177	-.13928	-.28266	-.14019	2111.1	-.03376	.05016
Stddev	.00311	.00261	.00335	.01171	.00377	13.3	.00307	.00021
%RSD	1.6897	2.8390	2.4017	4.1425	2.6899	.63128	9.0854	.41185

#1	-.18051	-.09079	-.13543	-.27880	-.14437	2099.7	-.03503	.04999
#2	-.18515	-.08980	-.14142	-.27336	-.13704	2107.8	-.03026	.05011
#3	-.18641	-.09472	-.14099	-.29581	-.13915	2125.7	-.03598	.05039

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11766	1804.4	-.08879	.09851	.98900	922.78	.02192	1815.5
Stddev	.00027	15.9	.00041	.00078	.00159	4.19	.00046	9.9
%RSD	.22676	.88344	.46428	.79279	.16111	.45375	2.0763	.54489

#1	.11784	1792.6	-.08896	.09880	.98939	918.89	.02245	1811.6
#2	.11735	1822.5	-.08908	.09762	.99035	927.21	.02163	1826.8
#3	.11779	1798.0	-.08832	.09910	.98724	922.25	.02169	1808.2

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05534	-.24392	1631.3	.02400	.01161	1072.6	-.01277	-.76144
Stddev	.00246	.00158	10.4	.00174	.00045	19.6	.00059	.00422
%RSD	4.4371	.64932	.63499	7.2547	3.9106	1.8274	4.5961	.55389

#1	.05664	-.24211	1619.3	.02595	.01112	1088.0	-.01242	-.76569
#2	.05688	-.24505	1636.9	.02344	.01172	1079.2	-.01345	-.75725
#3	.05251	-.24461	1637.6	.02261	.01200	1050.5	-.01245	-.76136

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.18431	-.01572	.11284	-.05330	.26787	.0489	-.99987	<.00000
Stddev	.06357	.00304	.00296	.00094	.00406	.0019	.00465	.16201
%RSD	34.490	19.357	2.6274	1.7563	1.5162	3.833	.46492	2.4661

#1	-.21380	-.01223	.10987	-.05335	.26320	.0469	-.99557	-6.5163
#2	-.22777	-.01705	.11580	-.05234	.27062	.0506	-1.0048	-6.7514
#3	-.11135	-.01786	.11284	-.05421	.26978	.0492	-.99925	-6.4407

Sample Name: LR CHECK 1 Acquired: 2/27/2019 13:04:50 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	30.368
%RSD	.19497

#1	-15593.
#2	-15541.
#3	-15594.

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2035.7	28681.	3116.2	14.026	1538.6
Stddev	7.6	64.	18.6	.627	4.9
%RSD	.37435	.22383	.59851	4.4728	.31915

#1	2043.9	28755.	3124.7	14.439	1544.1
#2	2034.2	28649.	3094.8	13.304	1537.2
#3	2028.9	28639.	3129.0	14.335	1534.6

Sample Name: LR CHECK 2 Acquired: 2/27/2019 13:09:54 Type: Unk
Method: P4-ICP2(v2894) 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	-.00641	-.01151	229.36	.03377	-.09180	-.25314	102.59	-.00036
Stddev	.00393	.00249	1.68	.00088	.00377	.00299	.95	.00015
%RSD	61.228	21.683	.73094	2.5943	4.1112	1.1797	.92439	41.723

#1	-.01059	-.01218	229.43	.03474	-.09587	-.25555	101.52	-.00045
#2	-.00280	-.00874	227.65	.03353	-.09111	-.25408	102.93	-.00043
#3	-.00585	-.01360	231.00	.03304	-.08841	-.24980	103.32	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01599	.31353	-.12236	-.01539	243.32	-.67391	47.824	-.09786
Stddev	.00020	.00475	.00067	.00007	3.03	.00571	.078	.07216
%RSD	1.2215	1.5163	.54569	.44017	1.2466	.84664	.16211	73.733

#1	-.01577	.31675	-.12207	-.01535	243.59	-.66749	47.761	-.12776
#2	-.01615	.31577	-.12188	-.01535	246.20	-.67584	47.911	-.15026
#3	-.01605	.30807	-.12312	-.01547	240.16	-.67841	47.801	-.01556

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.104	.00786	1.6823	-.09723	37.612	1.7949	-.00557	.01103
Stddev	.075	.00034	.1233	.00067	.097	.1381	.00024	.00450
%RSD	.14055	4.3364	7.3318	.69030	.25759	7.6924	4.3184	40.738

#1	53.037	.00789	1.7939	-.09672	37.653	1.9370	-.00584	.00888
#2	53.090	.00751	1.7030	-.09799	37.502	1.7863	-.00540	.00802
#3	53.185	.00819	1.5499	-.09698	37.682	1.6613	-.00545	.01620

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06744	.01297	.00421	-.00351	.00365	-.4185	.00336	4.5945
Stddev	.00914	.00217	.00021	.00221	.00090	.0025	.00011	.0958
%RSD	13.553	16.752	4.9357	63.023	24.722	.6020	3.1540	2.0861

#1	-.06144	.01074	.00436	-.00442	.00437	-.4167	.00325	4.5138
#2	-.07796	.01309	.00398	-.00512	.00264	-.4213	.00346	4.7004
#3	-.06292	.01508	.00431	-.00099	.00395	-.4174	.00336	4.5692

Sample Name: LR CHECK 2 Acquired: 2/27/2019 13:09:54 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	114.29
Stddev	1.53
%RSD	1.3384

#1	113.44
#2	116.06
#3	113.37

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2617.8	43926.	3735.3	13.664	2951.0
Stddev	10.5	71.	5.0	.827	4.3
%RSD	.39987	.16215	.13463	6.0554	.14650

#1	2613.2	43902.	3733.7	14.567	2954.6
#2	2610.4	43870.	3740.9	13.483	2952.2
#3	2629.8	44006.	3731.3	12.942	2946.2

Sample Name: K1595-01 Acquired: 2/27/2019 13:14:58 Type: Unk
Method: P4-ICP2(v2894) 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	5.9152	-.07161	3.0103	-.05573	-.08075	87.714	.96847
Stddev	.0171	.00129	.0048	.00258	.00035	.193	.00824
%RSD	.28934	1.8025	.15974	4.6372	.43651	.22004	.85057

#1	5.9086	-.07289	3.0131	-.05292	-.08040	87.598	.97704
#2	5.9346	-.07163	3.0130	-.05800	-.08110	87.937	.96776
#3	5.9024	-.07031	3.0047	-.05626	-.08075	87.608	.96061

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02963	.04408	90.037	.56892	.19495	2.7138	553.15
Stddev	.00032	.00081	.450	.00192	.00089	.0046	1.45
%RSD	1.0888	1.8471	.49950	.33689	.45737	.17004	.26226

#1	.02931	.04341	90.546	.56671	.19477	2.7115	554.17
#2	.02963	.04498	89.693	.56999	.19592	2.7191	551.49
#3	.02996	.04383	89.871	.57007	.19416	2.7108	553.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0107	59.021	.73139	-.08280	1.9942	.42449	3.0540
Stddev	.0135	.183	.00199	.00004	.0027	.00213	.0106
%RSD	.22406	.31017	.27151	.04683	.13303	.50199	.34691

#1	6.0140	59.193	.73203	-.08284	1.9951	.42611	3.0459
#2	5.9959	59.039	.73299	-.08279	1.9962	.42208	3.0660
#3	6.0222	58.829	.72917	-.08277	1.9912	.42528	3.0502

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0891	.04879	-.17243	7.8748	1.8292	.38139	2.2459
Stddev	.0350	.00042	.00296	.0614	.0099	.00130	.0087
%RSD	.43275	.85063	1.7151	.77943	.54170	.34139	.38706

#1	8.1240	.04836	-.17576	7.9139	1.8377	.38092	2.2549
#2	8.0893	.04918	-.17145	7.9065	1.8184	.38039	2.2375
#3	8.0540	.04883	-.17009	7.8041	1.8316	.38286	2.2452

Sample Name: K1595-01 Acquired: 2/27/2019 13:14:58 Type: Unk
 Method: P4-ICP2(v2894) 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	.13573	9.905	-.38178	<.00000	F<.00000
Stddev	.00162	.015	.00279	.16951	26.167
%RSD	1.1948	.1533	.72990	2.0385	.22334
#1	.13389	9.922	-.38231	-8.4630	-11690.
#2	.13636	9.897	-.37877	-8.1302	-11716.
#3	.13694	9.895	-.38426	-8.3527	-11742.
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3289.4	48067.	4419.3	17.310	2582.7
Stddev	1.4	85.	10.7	2.018	7.1
%RSD	.04289	.17661	.24161	11.655	.27371
#1	3289.5	48165.	4407.6	17.554	2587.2
#2	3287.9	48017.	4428.5	15.181	2574.5
#3	3290.7	48018.	4421.8	19.194	2586.3

Sample Name: K1595-03 Acquired: 2/27/2019 13:19:21 Type: Unk
Method: P4-ICP2(v2894) 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	.76510	-.06133	2.8514	.00017	-.04256	146.07	.99302
Stddev	.00116	.00145	.0070	.00268	.00244	.58	.00957
%RSD	.15187	2.3566	.24734	1622.7	5.7236	.39730	.96411

#1	.76377	-.06040	2.8438	.00238	-.03981	145.76	1.0031
#2	.76562	-.06061	2.8526	.00093	-.04446	146.74	.99196
#3	.76591	-.06300	2.8578	-.00282	-.04340	145.72	.98403

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01673	.01125	84.077	.34020	.18164	1.1223	334.66
Stddev	.00027	.00044	.441	.00278	.00031	.0036	3.68
%RSD	1.5853	3.9546	.52441	.81832	.17282	.31653	1.0995

#1	.01666	.01074	84.475	.33761	.18155	1.1183	338.52
#2	.01702	.01144	84.154	.34315	.18137	1.1235	334.27
#3	.01650	.01157	83.603	.33985	.18198	1.1250	331.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5781	72.729	.88567	-.02691	3.1902	.44162	3.2135
Stddev	.0200	.305	.00147	.00131	.0188	.00432	.0196
%RSD	.35803	.41925	.16580	4.8634	.58961	.97736	.60915

#1	5.5582	73.062	.88401	-.02558	3.2117	.43747	3.1909
#2	5.5779	72.664	.88683	-.02820	3.1768	.44609	3.2244
#3	5.5981	72.462	.88615	-.02695	3.1821	.44132	3.2252

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.735	.02060	.07181	6.5658	1.7482	.96355	3.0921
Stddev	.049	.00032	.02089	.0807	.0035	.00543	.0073
%RSD	.31093	1.5524	29.085	1.2292	.20236	.56383	.23749

#1	15.780	.02023	.09588	6.4869	1.7489	.95736	3.0851
#2	15.683	.02076	.05843	6.6482	1.7514	.96756	3.0916
#3	15.743	.02080	.06112	6.5624	1.7444	.96572	3.0997

Sample Name: K1595-03 Acquired: 2/27/2019 13:19:21 Type: Unk
 Method: P4-ICP2(v2894) 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	.22165	9.460	-.10402	<.00000	F<.00000
Stddev	.00219	.025	.00268	.25486	9.6533
%RSD	.98954	.2654	2.5745	7.8310	.18913
#1	.22383	9.432	-.10693	-2.9819	-5098.4
#2	.22167	9.481	-.10346	-3.2946	-5098.6
#3	.21945	9.467	-.10166	-3.4869	-5115.2
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3365.2	49110.	4459.4	16.889	2739.4
Stddev	12.5	181.	32.2	1.097	15.8
%RSD	.37086	.36772	.72278	6.4962	.57617
#1	3379.6	49106.	4422.4	17.218	2757.6
#2	3358.2	48932.	4474.5	15.665	2729.0
#3	3357.8	49293.	4481.3	17.785	2731.7

Sample Name: K1595-05 Acquired: 2/27/2019 13:23:53 Type: Unk
Method: P4-ICP2(v2894) 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	.35797	-.07038	5.0831	.00415	-.05232	104.93	1.4581
Stddev	.00668	.00099	.0129	.00259	.00305	.29	.0038
%RSD	1.8650	1.4124	.25311	62.564	5.8353	.27785	.26079

#1	.36470	-.06929	5.0927	.00181	-.05575	104.72	1.4625
#2	.35787	-.07061	5.0684	.00370	-.04991	105.26	1.4560
#3	.35135	-.07124	5.0881	.00694	-.05130	104.80	1.4558

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01687	.02161	113.87	.45680	.27331	2.1571	389.09
Stddev	.00036	.00057	.48	.00271	.00048	.0021	2.44
%RSD	2.1326	2.6570	.41741	.59267	.17575	.09582	.62726

#1	.01727	.02098	114.41	.45637	.27335	2.1559	391.57
#2	.01656	.02174	113.68	.45969	.27376	2.1595	386.69
#3	.01679	.02210	113.52	.45433	.27280	2.1559	389.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6294	104.72	1.2765	-.03124	2.7650	.52480	5.0294
Stddev	.0282	.50	.0042	.00083	.0194	.00198	.0121
%RSD	.42529	.47780	.32476	2.6491	.70229	.37649	.24119

#1	6.5968	104.72	1.2777	-.03190	2.7805	.52383	5.0337
#2	6.6461	104.22	1.2719	-.03152	2.7712	.52707	5.0157
#3	6.6452	105.22	1.2799	-.03032	2.7432	.52349	5.0388

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.084	.04097	.06899	9.0332	1.2181	.70480	3.8885
Stddev	.047	.00011	.00825	.0149	.0065	.00128	.0196
%RSD	.35951	.27364	11.958	.16496	.53022	.18162	.50291

#1	13.138	.04084	.07820	9.0445	1.2236	.70577	3.8978
#2	13.060	.04101	.06228	9.0389	1.2197	.70527	3.8660
#3	13.053	.04105	.06649	9.0163	1.2110	.70335	3.9016

Sample Name: K1595-05 Acquired: 2/27/2019 13:23:53 Type: Unk
 Method: P4-ICP2(v2894) 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	.19443	8.536	-.17942	<.00000	F<.00000
Stddev	.00198	.001	.00186	.26286	6.5012
%RSD	1.0182	.0132	1.0374	11.278	.11471

#1	.19214	8.535	-.18062	-2.1614	-5661.6
#2	.19547	8.538	-.17727	-2.1971	-5665.9
#3	.19567	8.536	-.18036	-2.6335	-5674.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3132.8	46135.	4119.6	16.935	2710.9
Stddev	5.2	113.	22.2	.409	7.2
%RSD	.16679	.24470	.53777	2.4149	.26524

#1	3127.6	46102.	4094.3	17.395	2707.0
#2	3132.6	46043.	4129.4	16.799	2719.2
#3	3138.0	46261.	4135.2	16.612	2706.5

Sample Name: K1595-07 Acquired: 2/27/2019 13:28:24 Type: Unk
Method: P4-ICP2(v2894) 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	.05707	-.04608	1.3896	.00889	-.02270	178.19	.84519
Stddev	.00087	.00082	.0053	.00253	.00330	.96	.00585
%RSD	1.5326	1.7776	.38058	28.450	14.531	.53665	.69254

#1	.05784	-.04650	1.3955	.01097	-.01890	179.18	.84674
#2	.05726	-.04514	1.3852	.00607	-.02456	178.11	.83872
#3	.05612	-.04661	1.3881	.00964	-.02466	177.28	.85012

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01271	-.00288	25.370	.24985	.13728	.40722	205.26
Stddev	.00024	.00012	.108	.00128	.00039	.00286	1.22
%RSD	1.8687	4.3291	.42708	.51088	.28616	.70261	.59259

#1	.01277	-.00301	25.395	.25066	.13684	.40744	205.05
#2	.01290	-.00286	25.251	.25051	.13761	.40997	204.17
#3	.01244	-.00276	25.463	.24838	.13738	.40426	206.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1275	52.565	.49266	-.01308	1.3786	.41327	.96242
Stddev	.0016	.339	.00134	.00100	.0087	.00179	.00112
%RSD	.05108	.64417	.27153	7.6435	.62819	.43344	.11617

#1	3.1292	52.625	.49301	-.01259	1.3737	.41200	.96371
#2	3.1260	52.200	.49379	-.01423	1.3735	.41532	.96171
#3	3.1274	52.869	.49118	-.01243	1.3886	.41248	.96185

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.507	.00323	.10002	3.7964	4.7252	.05053	2.7486
Stddev	.109	.00044	.00658	.0046	.0357	.00077	.0126
%RSD	.58921	13.756	6.5831	.12096	.75445	1.5280	.45710

#1	18.627	.00271	.09597	3.8017	4.6901	.05022	2.7430
#2	18.414	.00346	.09647	3.7932	4.7243	.05141	2.7398
#3	18.480	.00351	.10762	3.7944	4.7613	.04997	2.7630

Sample Name: K1595-07 Acquired: 2/27/2019 13:28:24 Type: Unk
 Method: P4-ICP2(v2894) 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	.22399	6.338	-.08370	<.00000	F<.00000
Stddev	.00119	.012	.00137	.06859	6.7023
%RSD	.53011	.1862	1.6322	6.6292	.26076
#1	.22536	6.344	-.08316	-.97277	-2562.8
#2	.22326	6.345	-.08269	-1.0228	-2572.4
#3	.22334	6.324	-.08526	-1.1084	-2575.7
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3430.2	49433.	4419.8	16.912	2855.7
Stddev	6.4	188.	21.8	.508	3.1
%RSD	.18739	.38078	.49326	3.0017	.10926
#1	3428.2	49275.	4420.6	17.462	2853.2
#2	3425.0	49383.	4441.2	16.462	2854.8
#3	3437.4	49641.	4397.7	16.812	2859.2

Sample Name: K1597-09 Acquired: 2/27/2019 13:32:49 Type: Unk
Method: P4-ICP2(v2894) 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	.05095	-.00687	.10500	-.02308	-.00147	19.115	.20557
Stddev	.00338	.00364	.00123	.00332	.00290	.071	.01861
%RSD	6.6390	52.932	1.1745	14.400	197.00	.37174	9.0513

#1	.05138	-.00287	.10627	-.01928	-.00465	19.146	.22689
#2	.04738	-.00776	.10381	-.02544	-.00082	19.165	.19263
#3	.05410	-.00998	.10493	-.02453	.00104	19.034	.19718

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00582	.00227	F 3496.4	.07596	.04894	.09707	89.715
Stddev	.00013	.00043	183.0	.00045	.00016	.00164	4.801
%RSD	2.1652	19.000	5.2344	.59716	.32521	1.6899	5.3519

#1	.00572	.00179	3704.9	.07604	.04880	.09518	95.232
#2	.00578	.00263	3362.0	.07547	.04911	.09813	86.482
#3	.00596	.00237	3422.4	.07637	.04890	.09790	87.430

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8888	F 2027.1	.06456	-.02319	6.4349	.14886	.77873
Stddev	.0050	114.1	.00114	.00032	.3033	.00057	.00666
%RSD	.17350	5.6278	1.7642	1.3790	4.7126	.38599	.85553

#1	2.8933	2158.5	.06403	-.02292	6.7818	.14931	.77200
#2	2.8834	1954.5	.06586	-.02354	6.2202	.14821	.78532
#3	2.8896	1968.1	.06377	-.02310	6.3026	.14905	.77888

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5793	.00441	.07448	F 13.253	1.1844	.01801	.14821
Stddev	.2438	.00046	.00848	.104	.0718	.00161	.00717
%RSD	3.2161	10.366	11.384	.78232	6.0591	8.9337	4.8383

#1	7.4553	.00395	.07352	13.209	1.2672	.01975	.15628
#2	7.4225	.00487	.08341	13.179	1.1421	.01658	.14258
#3	7.8602	.00441	.06653	13.372	1.1438	.01769	.14577

Sample Name: K1597-09 Acquired: 2/27/2019 13:32:49 Type: Unk
 Method: P4-ICP2(v2894) 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	.59733	3.165	1.9289	5.9919	F<.00000
Stddev	.02837	.019	.1084	.1082	5.4782
%RSD	4.7492	.6053	5.6222	1.8063	.78166

#1	.62980	3.156	2.0539	6.0647	-701.72
#2	.57736	3.152	1.8604	5.8676	-705.82
#3	.58482	3.187	1.8723	6.0435	-694.97

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2287.2	33783.	3384.1	12.656	1902.9
Stddev	4.5	54.	171.3	.717	5.7
%RSD	.19839	.15844	5.0623	5.6663	.30018

#1	2292.4	33733.	3187.2	12.718	1909.4
#2	2285.1	33839.	3499.4	11.910	1900.5
#3	2284.1	33777.	3465.5	13.340	1898.8

Sample Name: K1597-09DUP Acquired: 2/27/2019 13:37:09 Type: Unk
Method: P4-ICP2(v2894) 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	.04967	-.00513	.10391	-.01243	-.00373	19.485	.18562
Stddev	.00649	.00249	.00391	.00163	.00112	.013	.00201
%RSD	13.071	48.498	3.7636	13.137	30.174	.06811	1.0830

#1	.05584	-.00312	.10767	-.01234	-.00503	19.499	.18683
#2	.05027	-.00792	.09986	-.01084	-.00303	19.473	.18330
#3	.04290	-.00435	.10421	-.01410	-.00313	19.481	.18673

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00567	.00190	F 3324.9	.07433	.04749	.09412	86.902
Stddev	.00021	.00017	1.9	.00051	.00046	.00119	.438
%RSD	3.7498	8.9595	.05797	.69212	.97581	1.2623	.50388

#1	.00559	.00189	3326.7	.07388	.04699	.09321	87.292
#2	.00591	.00174	3322.9	.07489	.04755	.09547	86.987
#3	.00551	.00208	3325.3	.07423	.04791	.09369	86.428

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8320	F 1913.7	.06373	-.02248	5.4028	.14644	.72604
Stddev	.0018	7.1	.00070	.00017	.0093	.00129	.00098
%RSD	.06409	.37302	1.0973	.76513	.17211	.88387	.13538

#1	2.8308	1921.9	.06423	-.02231	5.4135	.14637	.72637
#2	2.8341	1909.2	.06293	-.02247	5.3985	.14519	.72493
#3	2.8311	1909.9	.06402	-.02266	5.3964	.14777	.72681

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3186	.00349	.07069	F 12.109	.94899	.01816	.14642
Stddev	.0538	.00057	.00785	.041	.00755	.00063	.00480
%RSD	.85099	16.338	11.102	.33861	.79588	3.4718	3.2759

#1	6.3484	.00305	.06806	12.091	.95645	.01805	.14089
#2	6.3509	.00328	.06449	12.156	.94918	.01884	.14948
#3	6.2565	.00413	.07951	12.079	.94135	.01759	.14889

Sample Name: K1597-09DUP Acquired: 2/27/2019 13:37:09 Type: Unk
Method: P4-ICP2(v2894) 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	.55802	3.134	1.8259	6.0459	F<.00000
Stddev	.00577	.009	.0086	.0722	10.485
%RSD	1.0338	.2976	.47277	1.1933	1.5265

#1	.55339	3.124	1.8358	6.1221	-679.58
#2	.55619	3.143	1.8200	6.0367	-682.09
#3	.56448	3.135	1.8220	5.9787	-698.86

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2298.3	33716.	3451.4	13.049	1914.7
Stddev	3.9	94.	24.5	.534	1.2
%RSD	.17039	.27844	.71095	4.0899	.06310

#1	2294.8	33632.	3424.5	12.602	1913.4
#2	2297.6	33817.	3457.0	13.640	1915.7
#3	2302.5	33698.	3472.7	12.906	1915.1

Sample Name: K1597-09LX5 Acquired: 2/27/2019 13:41:31 Type: Unk
Method: P4-ICP2(v2894) 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	.00814	-.00204	.02398	-.00436	-.00329	3.8766	.03510
Stddev	.00315	.00326	.00151	.00190	.00140	.0379	.00362
%RSD	38.674	159.59	6.2786	43.512	42.502	.97698	10.312

#1	.00708	.00080	.02305	-.00642	-.00426	3.8979	.03859
#2	.00566	-.00133	.02318	-.00398	-.00394	3.8328	.03534
#3	.01169	-.00560	.02572	-.00268	-.00169	3.8989	.03136

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	-.00089	782.37	.01663	.00945	.02046	22.654
Stddev	.00005	.00012	6.15	.00031	.00014	.00042	.188
%RSD	3.7552	13.675	.78626	1.8874	1.4441	2.0365	.82887

#1	.00116	-.00076	781.74	.01692	.00935	.02067	22.543
#2	.00121	-.00099	788.82	.01669	.00960	.01998	22.871
#3	.00125	-.00091	776.57	.01630	.00938	.02074	22.548

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63491	436.59	.01075	-.00622	1.2756	.03335	.13210
Stddev	.00119	3.05	.00039	.00040	.0199	.00094	.00029
%RSD	.18700	.69772	3.6020	6.4384	1.5602	2.8141	.21962

#1	.63628	436.69	.01053	-.00601	1.2529	.03357	.13232
#2	.63419	439.59	.01120	-.00597	1.2836	.03417	.13177
#3	.63426	433.50	.01052	-.00668	1.2902	.03233	.13220

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3246	.00079	.02962	2.3410	.23038	.00707	.03188
Stddev	.0106	.00049	.00822	.0550	.00369	.00065	.00130
%RSD	.80354	62.072	27.755	2.3498	1.6024	9.2028	4.0791

#1	1.3149	.00136	.02962	2.3977	.23377	.00659	.03172
#2	1.3360	.00049	.03784	2.2879	.23094	.00781	.03066
#3	1.3229	.00053	.02140	2.3373	.22645	.00680	.03325

Sample Name: K1597-09LX5 Acquired: 2/27/2019 13:41:31 Type: Unk
Method: P4-ICP2(v2894) 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	.11593	.5665	.38979	5.8997	F<.00000
Stddev	.00362	.0030	.00336	.0713	3.4473
%RSD	3.1243	.5342	.86214	1.2083	2.6376

#1	.11213	.5669	.39083	5.9493	-133.26
#2	.11632	.5633	.39251	5.8180	-132.05
#3	.11934	.5693	.38603	5.9319	-126.78

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2615.3	37754.	3470.5	15.533	2465.5
Stddev	1.5	150.	27.1	1.557	4.6
%RSD	.05874	.39725	.78206	10.023	.18738

#1	2613.5	37581.	3475.8	13.878	2469.2
#2	2616.2	37844.	3441.1	15.754	2467.0
#3	2616.1	37838.	3494.6	16.968	2460.3

Sample Name: PB117338BL Acquired: 2/27/2019 13:45:52 Type: Unk
Method: P4-ICP2(v2894) 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	-.00087	-.00094	-.00045	.00112	-.00077	-.00308	-.00801	.00006
Stddev	.00339	.00075	.00111	.00427	.00260	.00755	.00693	.00009
%RSD	389.76	80.198	248.10	380.06	337.24	245.59	86.498	133.42

#1	-.00123	-.00149	.00062	-.00379	-.00264	-.00235	-.01510	-.00003
#2	.00269	-.00008	-.00160	.00390	-.00187	-.01097	-.00126	.00012
#3	-.00406	-.00124	-.00036	.00326	.00220	.00409	-.00766	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.02555	.00010	.00002	.00018	.00102	.00007	-.00583
Stddev	.00011	.01723	.00024	.00018	.00046	.00146	.00004	.02510
%RSD	312.93	67.447	239.57	924.17	257.87	142.63	63.018	430.67

#1	-.00015	.02236	.00037	.00016	-.00017	.00270	.00012	-.02843
#2	.00001	.04416	.00004	-.00018	.00070	.00007	.00004	-.01024
#3	.00005	.01014	-.00011	.00009	.00001	.00030	.00005	.02118

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	.00019	.08726	.00041	.00174	.13932	-.00024	-.00292
Stddev	.00050	.00044	.01114	.00074	.00009	.00756	.00022	.00260
%RSD	76.067	231.15	12.762	182.80	5.2528	5.4231	93.333	88.884

#1	.00089	-.00018	.08312	.00065	.00165	.14769	-.00049	-.00125
#2	.00008	.00068	.09988	.00100	.00174	.13726	-.00011	-.00160
#3	.00100	.00007	.07879	-.00043	.00183	.13301	-.00011	-.00591

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01398	-.00066	-.00020	.00133	-.00369	-.0006	.00003	3.5358
Stddev	.00952	.00206	.00059	.00140	.00180	.0010	.00011	.0972
%RSD	68.060	310.71	288.23	105.15	48.721	183.3	332.59	2.7498

#1	-.02404	-.00274	-.00071	.00014	-.00540	-.0016	.00012	3.6184
#2	-.01278	.00138	.00044	.00287	-.00181	-.0005	-.00009	3.5605
#3	-.00513	-.00063	-.00034	.00098	-.00386	.0004	.00007	3.4287

Sample Name: PB117338BL Acquired: 2/27/2019 13:45:52 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .90714
 Stddev 1.4615
 %RSD 161.11

#1 -.45681
 #2 2.4497
 #3 .72852

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3094.6	44241.	3667.9	18.317	3358.8
Stddev	5.1	93.	15.9	1.958	2.9
%RSD	.16619	.21005	.43303	10.690	.08686

#1	3094.8	44288.	3662.6	20.567	3357.6
#2	3099.6	44134.	3655.4	17.000	3362.1
#3	3089.4	44302.	3685.8	17.383	3356.6

Sample Name: CCV02 Acquired: 2/27/2019 13:54:24 Type: Unk
Method: P4-ICP2(v2894) 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	5.0037	4.9796	4.9599	5.0051	5.0545	9.9895	9.7120	.25143
Stddev	.0179	.0148	.0100	.0159	.0066	.0577	.0077	.00061
%RSD	.35746	.29759	.20186	.31779	.13019	.57776	.07884	.24208
#1	5.0198	4.9894	4.9686	5.0191	5.0572	10.055	9.7154	.25198
#2	5.0069	4.9626	4.9621	5.0085	5.0594	9.9465	9.7175	.25078
#3	4.9845	4.9869	4.9490	4.9878	5.0471	9.9670	9.7033	.25154
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4495	25.135	1.0309	2.4881	1.2597	5.2089	2.5454	25.340
Stddev	.0062	.040	.0020	.0072	.0035	.0061	.0065	.056
%RSD	.25482	.15980	.19703	.29108	.27932	.11739	.25516	.22080
#1	2.4567	25.177	1.0332	2.4964	1.2616	5.2125	2.5511	25.368
#2	2.4461	25.097	1.0301	2.4847	1.2618	5.2125	2.5383	25.275
#3	2.4458	25.131	1.0294	2.4832	1.2556	5.2019	2.5468	25.376
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4669	1.3041	23.740	2.4923	2.4905	24.485	5.0686	4.9000
Stddev	.0037	.0044	.059	.0050	.0051	.139	.0168	.0297
%RSD	.14943	.33522	.24832	.20276	.20453	.56703	.33215	.60684
#1	2.4712	1.3091	23.780	2.4970	2.4959	24.512	5.0820	4.8733
#2	2.4652	1.3023	23.672	2.4870	2.4896	24.334	5.0741	4.8946
#3	2.4644	1.3010	23.767	2.4931	2.4859	24.608	5.0497	4.9320
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8654	5.0609	4.9262	5.0415	4.9603	4.908	5.0939	5.2032
Stddev	.0228	.0115	.0106	.0055	.0081	.015	.0139	.0789
%RSD	.46873	.22753	.21604	.10949	.16323	.3109	.27359	1.5172
#1	4.8744	5.0580	4.9385	5.0442	4.9529	4.920	5.0780	5.2833
#2	4.8395	5.0511	4.9202	5.0351	4.9590	4.891	5.1044	5.2008
#3	4.8824	5.0736	4.9199	5.0451	4.9690	4.914	5.0992	5.1255

Sample Name: CCV02 Acquired: 2/27/2019 13:54:24 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4270
Stddev	3.6107
%RSD	253.03

#1	5.4959
#2	-1.3949
#3	.17991

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2966.4	41484.	3585.3	14.434	2960.7
Stddev	11.8	142.	9.4	1.514	10.1
%RSD	.39916	.34164	.26345	10.486	.34215

#1	2955.0	41326.	3580.9	12.698	2949.1
#2	2965.5	41526.	3578.8	15.121	2964.6
#3	2978.6	41601.	3596.1	15.482	2968.2

Sample Name: CCB02 Acquired: 2/27/2019 13:58:24 Type: Unk
Method: P4-ICP2(v2894) 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	-.00157	-.00071	.00379	.00123	-.00767	-.00728
Stddev	.00414	.00059	.00054	.00149	.00026	.00441	.00217
%RSD	110.77	37.677	76.722	39.185	20.854	57.497	29.877

#1	-.00631	-.00176	-.00115	.00225	.00095	-.00335	-.00968
#2	.00104	-.00205	-.00087	.00392	.00128	-.00749	-.00545
#3	-.00595	-.00091	-.00010	.00521	.00146	-.01217	-.00669

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00004	.00908	.00048	.00005	-.00016	.00020
Stddev	.00008	.00002	.00829	.00043	.00013	.00036	.00089
%RSD	115.46	41.063	91.265	89.534	247.29	230.68	451.90

#1	-.00002	.00005	.01676	.00010	.00009	.00025	-.00048
#2	.00015	.00002	.01018	.00094	.00015	-.00027	-.00014
#3	.00009	.00005	.00030	.00040	-.00009	-.00045	.00121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00007	.00052	.00003	.00636	.00048	-.00010
Stddev	.00002	.03938	.00018	.00051	.01405	.00017	.00013
%RSD	19.021	58449.	34.307	1606.0	220.78	34.695	125.95

#1	.00008	.02477	.00063	-.00027	-.00969	.00067	.00004
#2	.00012	-.04548	.00032	-.00026	.01237	.00039	-.00016
#3	.00012	.02050	.00062	.00062	.01642	.00038	-.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08521	.00025	.00786	F -.01507	.00220	-.00039	-.00081
Stddev	.03399	.00029	.00618	.01880	.00270	.00037	.00164
%RSD	39.895	116.62	78.593	124.69	122.26	93.986	203.03

#1	.08574	.00050	.00146	.00498	-.00048	-.00052	.00097
#2	.05095	.00031	.01379	-.03229	.00219	.00002	-.00112
#3	.11893	-.00007	.00832	-.01791	.00491	-.00067	-.00226

Sample Name: CCB02 Acquired: 2/27/2019 13:58:24 Type: Unk
Method: P4-ICP2(v2894) 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	-0.00180	-0.0006	.00023	F 3.2944	F<.00000
Stddev	.00082	.0014	.00008	.1592	4.5231
%RSD	45.451	243.4	35.984	4.8315	457.05
#1	-0.00271	-0.0008	.00016	3.1901	-2.3375
#2	-0.00158	-0.0018	.00032	3.4776	4.0542
#3	-0.00112	.0009	.00020	3.2154	-4.6856
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.1	44318.	3699.0	17.900	3382.5
Stddev	17.7	80.	15.2	.627	9.6
%RSD	.56657	.18137	.40986	3.5003	.28310
#1	3140.7	44362.	3710.8	17.392	3389.0
#2	3105.3	44226.	3704.3	18.600	3386.9
#3	3123.2	44367.	3681.9	17.708	3371.5

Sample Name: PB117338BS Acquired: 2/27/2019 14:02:52 Type: Unk
Method: P4-ICP2(v2894) 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	.83111	2.1676	1.0428	2.1239	.86639	2.0953	.20649
Stddev	.00430	.0186	.0069	.0176	.00503	.0199	.00607
%RSD	.51680	.85719	.65923	.83069	.58031	.94835	2.9392

#1	.83605	2.1889	1.0508	2.1415	.87215	2.0733	.20170
#2	.82829	2.1584	1.0386	2.1241	.86290	2.1005	.20446
#3	.82899	2.1553	1.0392	2.1062	.86411	2.1121	.21332

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21368	.20166	1.1187	.44625	.21152	.34500	3.5459
Stddev	.00048	.00124	.0153	.00130	.00122	.00376	.0175
%RSD	.22611	.61308	1.3629	.29226	.57661	1.0900	.49454

#1	.21391	.20308	1.1200	.44771	.21284	.34843	3.5662
#2	.21313	.20103	1.1333	.44520	.21127	.34560	3.5366
#3	.21401	.20086	1.1029	.44583	.21044	.34098	3.5351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22494	2.2503	.52630	.08078	3.1722	.32241	.20823
Stddev	.00051	.0812	.00139	.00077	.0252	.00191	.00111
%RSD	.22732	3.6066	.26447	.95317	.79390	.59098	.53536

#1	.22548	2.2261	.52790	.08140	3.1529	.32129	.20946
#2	.22446	2.1840	.52538	.07992	3.1629	.32461	.20730
#3	.22488	2.3408	.52563	.08103	3.2007	.32133	.20792

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.912	.42327	.32526	9.3649	1.0084	.69599	.20773
Stddev	.039	.00414	.00533	.0791	.0045	.00475	.00242
%RSD	.35979	.97871	1.6397	.84479	.44630	.68248	1.1636

#1	10.907	.42798	.31931	9.4410	1.0077	.70128	.21052
#2	10.875	.42020	.32961	9.2831	1.0043	.69458	.20641
#3	10.953	.42163	.32687	9.3706	1.0133	.69210	.20627

Sample Name: PB117338BS Acquired: 2/27/2019 14:02:52 Type: Unk
Method: P4-ICP2(v2894) 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	.22628	5.839	.21610	F 3.7799	F<.00000
Stddev	.00186	.039	.00086	.2322	2.0370
%RSD	.82226	.6646	.39883	6.1425	3.5270

#1	.22833	5.883	.21552	4.0447	-55.404
#2	.22582	5.814	.21570	3.6112	-58.898
#3	.22470	5.818	.21709	3.6837	-58.965

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3101.2	43868.	3663.0	17.900	3298.2
Stddev	23.4	176.	20.8	1.886	20.6
%RSD	.75501	.40106	.56673	10.534	.62331

#1	3076.4	43689.	3644.6	16.375	3279.0
#2	3122.9	44040.	3685.5	20.008	3319.9
#3	3104.3	43876.	3658.8	17.317	3295.5

Sample Name: K1597-09MS Acquired: 2/27/2019 14:12:33 Type: Unk
Method: P4-ICP2(v2894) 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	.87226	1.9323	1.0793	2.0454	.38767	25.639	.33603
Stddev	.00633	.0025	.0043	.0073	.00621	.088	.00479
%RSD	.72581	.12894	.39757	.35687	1.6017	.34254	1.4248

#1	.87484	1.9305	1.0744	2.0378	.38252	25.676	.34150
#2	.86505	1.9313	1.0810	2.0524	.39457	25.701	.33260
#3	.87690	1.9352	1.0825	2.0461	.38593	25.538	.33400

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21446	.19840	F 3393.7	.42482	.25026	.35382	91.829
Stddev	.00034	.00057	40.5	.00174	.00030	.00127	1.184
%RSD	.15930	.28733	1.1936	.41009	.12163	.35817	1.2896

#1	.21413	.19881	3401.5	.42652	.25012	.35240	92.256
#2	.21443	.19775	3349.9	.42304	.25061	.35425	90.490
#3	.21482	.19863	3429.7	.42491	.25006	.35482	92.740

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0296	F 1919.8	.55427	.06278	8.3690	.43276	1.1350
Stddev	.0064	16.5	.00111	.00112	.1068	.00025	.0019
%RSD	.21250	.85896	.20100	1.7840	1.2766	.05839	.17212

#1	3.0347	1924.2	.55530	.06375	8.3975	.43248	1.1334
#2	3.0319	1901.5	.55309	.06155	8.2508	.43297	1.1343
#3	3.0224	1933.6	.55442	.06303	8.4588	.43284	1.1372

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.123	.35493	.32009	F 24.647	1.0890	.66931	.34789
Stddev	.180	.00156	.01263	.053	.0060	.00471	.00227
%RSD	1.0537	.43965	3.9468	.21698	.55077	.70301	.65355

#1	17.213	.35424	.32997	24.691	1.0881	.66510	.34704
#2	16.915	.35671	.32444	24.662	1.0836	.66843	.34616
#3	17.241	.35382	.30585	24.588	1.0955	.67439	.35046

Sample Name: K1597-09MS Acquired: 2/27/2019 14:12:33 Type: Unk
Method: P4-ICP2(v2894) 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	.80432	F 10.44	2.1149	6.6001	F<.00000
Stddev	.00443	.02	.0191	.0223	4.2489
%RSD	.55052	.1687	.90190	.33854	.57612

#1	.80752	10.45	2.1213	6.6259	-735.71
#2	.79927	10.42	2.0935	6.5878	-734.43
#3	.80617	10.45	2.1300	6.5866	-742.35

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2339.8	33627.	3454.7	14.466	1932.5
Stddev	1.8	104.	45.3	.921	.7
%RSD	.07482	.30821	1.3125	6.3649	.03370

#1	2341.6	33510.	3436.8	13.833	1931.9
#2	2338.1	33709.	3506.3	15.522	1933.2
#3	2339.8	33661.	3421.1	14.041	1932.5

Sample Name: K1597-09MSD Acquired: 2/27/2019 14:16:45 Type: Unk
Method: P4-ICP2(v2894) 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	.88655	1.9270	1.0786	2.0493	.39073	25.397	.33218
Stddev	.00980	.0071	.0038	.0092	.00231	.117	.00302
%RSD	1.1054	.37068	.35036	.45044	.59240	.45960	.91029

#1	.88952	1.9352	1.0759	2.0529	.39019	25.449	.33101
#2	.89452	1.9231	1.0770	2.0561	.38873	25.479	.33561
#3	.87561	1.9226	1.0830	2.0388	.39327	25.263	.32991

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21565	.19835	F 3406.9	.42483	.25016	.35583	92.605
Stddev	.00011	.00022	16.8	.00148	.00072	.00128	.159
%RSD	.05159	.11032	.49209	.34884	.28972	.35845	.17120

#1	.21553	.19846	3389.8	.42312	.25081	.35603	92.768
#2	.21575	.19810	3407.8	.42557	.25031	.35446	92.596
#3	.21568	.19850	3423.3	.42579	.24938	.35699	92.451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0396	F 1925.1	.55549	.06180	8.3884	.43329	1.1337
Stddev	.0028	5.4	.00083	.00137	.0512	.00148	.0015
%RSD	.09229	.28112	.14976	2.2092	.61072	.34226	.13465

#1	3.0370	1930.5	.55511	.06186	8.4474	.43158	1.1348
#2	3.0426	1925.1	.55644	.06041	8.3622	.43410	1.1320
#3	3.0391	1919.7	.55491	.06314	8.3555	.43419	1.1344

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.207	.35410	.33737	F 24.644	1.1020	.67325	.34614
Stddev	.075	.00041	.00992	.074	.0104	.00126	.00080
%RSD	.43723	.11592	2.9416	.29952	.93935	.18730	.22986

#1	17.293	.35396	.34447	24.723	1.1088	.67200	.34617
#2	17.153	.35457	.34161	24.577	1.1070	.67452	.34692
#3	17.174	.35379	.32603	24.632	1.0901	.67323	.34533

Sample Name: K1597-09MSD Acquired: 2/27/2019 14:16:45 Type: Unk
 Method: P4-ICP2(v2894) 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	.80417	F 10.48	2.1209	6.5011	F<.00000
Stddev	.00219	.01	.0103	.0847	5.9273
%RSD	.27269	.1071	.48677	1.3031	.80734
#1	.80191	10.49	2.1321	6.5255	-737.48
#2	.80430	10.47	2.1189	6.5709	-737.72
#3	.80629	10.48	2.1117	6.4069	-727.33
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2342.2	33759.	3428.6	12.389	1934.4
Stddev	3.1	116.	12.4	.696	1.4
%RSD	.13165	.34349	.36169	5.6151	.07467
#1	2340.2	33768.	3416.2	13.081	1932.8
#2	2340.8	33639.	3428.5	11.689	1934.8
#3	2345.8	33870.	3441.0	12.396	1935.6

Sample Name: K1597-09A Acquired: 2/27/2019 14:20:56 Type: Unk
Method: P4-ICP2(v2894) 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	.88197	1.9189	1.0792	2.0381	.38493	25.355	.32818
Stddev	.00253	.0012	.0014	.0083	.00054	.085	.00166
%RSD	.28678	.06076	.12811	.40571	.14080	.33715	.50548

#1	.88388	1.9202	1.0801	2.0395	.38466	25.289	.32868
#2	.87910	1.9180	1.0799	2.0456	.38457	25.451	.32953
#3	.88294	1.9186	1.0776	2.0292	.38555	25.324	.32633

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21412	.19823	F 3396.4	.42088	.25022	.35551	91.823
Stddev	.00052	.00022	20.5	.00330	.00070	.00158	.355
%RSD	.24142	.11148	.60281	.78362	.27886	.44488	.38712

#1	.21352	.19845	3397.8	.41737	.24942	.35573	91.928
#2	.21444	.19801	3375.3	.42134	.25054	.35697	91.427
#3	.21440	.19822	3416.2	.42392	.25070	.35383	92.114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0243	F 1918.4	.55321	.06224	8.3960	.43170	1.1308
Stddev	.0037	2.3	.00075	.00071	.0168	.00087	.0011
%RSD	.12171	.11952	.13638	1.1432	.20022	.20168	.09616

#1	3.0222	1919.9	.55234	.06293	8.3949	.43213	1.1314
#2	3.0221	1919.4	.55354	.06227	8.4134	.43227	1.1314
#3	3.0285	1915.7	.55373	.06151	8.3798	.43070	1.1295

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.205	.35288	.33208	F 24.736	1.0945	.67186	.34577
Stddev	.030	.00098	.00393	.157	.0066	.00186	.00292
%RSD	.17181	.27634	1.1829	.63505	.60327	.27645	.84438

#1	17.214	.35388	.33560	24.913	1.0972	.67004	.34756
#2	17.229	.35193	.33279	24.685	1.0993	.67375	.34240
#3	17.172	.35281	.32784	24.611	1.0869	.67177	.34734

Sample Name: K1597-09A Acquired: 2/27/2019 14:20:56 Type: Unk
 Method: P4-ICP2(v2894) 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	.79928	F 10.45	2.1150	6.1511	F<.00000
Stddev	.00504	.03	.0039	.0909	7.7483
%RSD	.63079	.2760	.18248	1.4769	1.0636
#1	.79564	10.46	2.1194	6.0463	-723.73
#2	.79717	10.42	2.1122	6.2083	-724.30
#3	.80503	10.47	2.1134	6.1986	-737.43
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2349.3	33959.	3445.6	13.465	1938.8
Stddev	6.5	32.	13.6	.382	1.7
%RSD	.27802	.09420	.39423	2.8374	.08935
#1	2346.1	33996.	3430.1	13.429	1937.2
#2	2345.0	33939.	3455.7	13.102	1938.4
#3	2356.8	33943.	3450.9	13.864	1940.6

Sample Name: K1597-09DLX10 Acquired: 2/27/2019 14:25:06 Type: Unk
Method: P4-ICP2(v2894) 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	.00298	-.00273	.01211	-.00265	-.00355	1.9153	.00768
Stddev	.00330	.00222	.00146	.00058	.00131	.0335	.00194
%RSD	110.74	81.069	12.051	21.761	36.818	1.7474	25.210

#1	.00163	-.00156	.01276	-.00201	-.00432	1.8845	.00814
#2	.00057	-.00529	.01044	-.00314	-.00204	1.9105	.00555
#3	.00674	-.00135	.01313	-.00278	-.00429	1.9509	.00934

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	-.00076	392.15	.00816	.00485	.00987	11.808
Stddev	.00012	.00005	1.87	.00040	.00023	.00063	.073
%RSD	18.023	6.2372	.47589	4.9053	4.6958	6.3718	.62116

#1	.00078	-.00077	394.30	.00859	.00459	.01041	11.892
#2	.00070	-.00071	391.19	.00780	.00503	.01000	11.775
#3	.00054	-.00080	390.96	.00809	.00493	.00918	11.757

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31934	217.85	.00513	-.00197	.51831	.01698	.06210
Stddev	.00103	.95	.00006	.00037	.00842	.00119	.00014
%RSD	.32204	.43730	1.1303	18.778	1.6252	6.9842	.23261

#1	.31995	217.49	.00511	-.00239	.50864	.01610	.06194
#2	.31990	217.13	.00520	-.00179	.52229	.01650	.06223
#3	.31815	218.93	.00509	-.00173	.52401	.01833	.06212

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68125	.00012	.01737	1.1210	.11794	.00291	.01523
Stddev	.01749	.00034	.00857	.0185	.00130	.00072	.00134
%RSD	2.5673	272.16	49.340	1.6478	1.1041	24.651	8.8200

#1	.67241	.00050	.00777	1.1277	.11936	.00305	.01675
#2	.66995	.00005	.02011	1.1001	.11768	.00355	.01420
#3	.70140	-.00017	.02424	1.1352	.11679	.00214	.01475

Sample Name: K1597-09DLX10 Acquired: 2/27/2019 14:25:06 Type: Unk
Method: P4-ICP2(v2894) 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	.05076	.2685	.19434	5.0625	F<.00000
Stddev	.00145	.0029	.00097	.1309	2.4859
%RSD	2.8500	1.064	.50063	2.5855	4.4123
#1	.04987	.2657	.19356	5.2135	-53.471
#2	.05243	.2714	.19403	4.9929	-57.800
#3	.04997	.2684	.19543	4.9811	-57.752
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2809.5	39700.	3559.3	15.657	2724.3
Stddev	2.8	116.	21.4	.546	1.5
%RSD	.10128	.29334	.60211	3.4860	.05365
#1	2810.4	39580.	3538.6	16.168	2723.5
#2	2806.3	39707.	3557.7	15.723	2726.0
#3	2811.8	39812.	3581.4	15.082	2723.4

Sample Name: K1597-09DUPDLX10 Acquired: 2/27/2019 14:29:27 Type: Unk
Method: P4-ICP2(v2894) 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	.00532	-.00314	.01253	-.00085	-.00414	1.9699	.00636
Stddev	.00220	.00096	.00149	.00285	.00090	.0198	.00209
%RSD	41.481	30.581	11.899	334.63	21.808	1.0027	32.814

#1	.00784	-.00214	.01176	.00219	-.00506	1.9808	.00614
#2	.00434	-.00405	.01158	-.00129	-.00411	1.9471	.00855
#3	.00377	-.00323	.01425	-.00345	-.00325	1.9818	.00439

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	-.00083	399.23	.00835	.00492	.01057	12.017
Stddev	.00004	.00013	1.12	.00049	.00015	.00051	.028
%RSD	5.8481	15.373	.28000	5.8110	3.1345	4.8233	.23275

#1	.00070	-.00090	399.99	.00779	.00474	.01101	12.025
#2	.00062	-.00091	399.74	.00868	.00500	.01069	12.041
#3	.00067	-.00069	397.94	.00858	.00501	.01001	11.987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32594	222.49	.00521	-.00288	.51927	.01712	.06288
Stddev	.00056	.46	.00039	.00097	.01053	.00047	.00034
%RSD	.17151	.20837	7.4183	33.748	2.0280	2.7517	.54364

#1	.32652	221.96	.00493	-.00176	.50973	.01765	.06285
#2	.32590	222.75	.00565	-.00341	.51752	.01676	.06255
#3	.32541	222.77	.00505	-.00346	.53057	.01694	.06323

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65814	.00021	.02460	1.1210	.11707	.00392	.01611
Stddev	.03240	.00027	.00362	.0508	.00131	.00046	.00296
%RSD	4.9233	130.62	14.714	4.5267	1.1177	11.833	18.381

#1	.68572	-.00009	.02861	1.1461	.11556	.00354	.01451
#2	.62245	.00027	.02158	1.1544	.11772	.00443	.01430
#3	.66624	.00045	.02360	1.0626	.11792	.00378	.01953

Sample Name: K1597-09DUPDLX10 Acquired: 2/27/2019 14:29:27 Type: Unk
Method: P4-ICP2(v2894) 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	.05369	.2742	.19677	5.1736	F<.00000
Stddev	.00129	.0028	.00050	.0928	1.4311
%RSD	2.4011	1.034	.25496	1.7938	2.5384

#1	.05366	.2775	.19619	5.1703	-56.926
#2	.05241	.2723	.19706	5.2679	-57.456
#3	.05499	.2729	.19706	5.0824	-54.755

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2810.4	39622.	3556.9	14.978	2711.1
Stddev	14.7	183.	4.6	.631	10.9
%RSD	.52442	.46271	.12902	4.2134	.40326

#1	2798.5	39433.	3553.7	15.692	2702.4
#2	2805.9	39634.	3554.8	14.749	2707.5
#3	2826.9	39799.	3562.2	14.493	2723.3

Sample Name: K1597-09LDLX50 Acquired: 2/27/2019 14:33:47 Type: Unk
Method: P4-ICP2(v2894) 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	-.00252	-.00289	.00270	-.00040	-.00497	.44137	-.00520	.00026
Stddev	.00199	.00122	.00093	.00442	.00073	.01327	.00293	.00011
%RSD	78.921	42.320	34.617	1115.4	14.636	3.0071	56.344	41.123

#1	-.00141	-.00150	.00185	.00297	-.00413	.44736	-.00455	.00018
#2	-.00481	-.00339	.00370	.00125	-.00538	.42616	-.00841	.00022
#3	-.00133	-.00379	.00254	-.00541	-.00541	.45060	-.00266	.00038

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	85.961	.00206	.00094	.00230	2.7730	.07163	47.344
Stddev	.00002	.433	.00056	.00013	.00031	.0318	.00086	.161
%RSD	6.1324	.50392	27.370	14.081	13.632	1.1482	1.2014	.34086

#1	-.00030	86.107	.00269	.00098	.00254	2.7495	.07077	47.284
#2	-.00034	85.473	.00161	.00079	.00242	2.7603	.07164	47.526
#3	-.00032	86.302	.00188	.00105	.00195	2.8093	.07249	47.220

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	-.00055	.08647	.00428	.01265	.23621	.00006	.01509
Stddev	.00041	.00056	.01843	.00038	.00019	.01663	.00022	.01156
%RSD	78.087	102.87	21.318	8.9261	1.5003	7.0394	370.40	76.631

#1	.00100	-.00035	.06627	.00389	.01259	.22017	-.00012	.02145
#2	.00024	-.00118	.09075	.00428	.01250	.25337	-.00000	.02207
#3	.00034	-.00011	.10239	.00466	.01286	.23511	.00031	.00174

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19484	.02745	.00090	.00402	.00881	.0523	.04132	3.9794
Stddev	.03804	.00118	.00020	.00082	.00515	.0015	.00021	.2143
%RSD	19.522	4.2800	22.211	20.286	58.438	2.926	.49861	5.3844

#1	.18448	.02779	.00077	.00388	.01366	.0509	.04151	4.2176
#2	.23699	.02615	.00080	.00489	.00341	.0539	.04134	3.9183
#3	.16306	.02842	.00113	.00328	.00934	.0521	.04110	3.8023

Sample Name: K1597-09LDLX50 Acquired: 2/27/2019 14:33:47 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.9247
Stddev 3.6883
%RSD 93.978

#1 7.6219
#2 3.9069
#3 .24526

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3016.4	42394.	3647.5	16.943	3076.8
Stddev	5.2	60.	7.5	1.098	4.8
%RSD	.17403	.14143	.20592	6.4828	.15681

#1	3010.7	42375.	3646.6	16.001	3073.8
#2	3020.9	42345.	3655.4	18.149	3082.3
#3	3017.7	42461.	3640.5	16.678	3074.2

Sample Name: K1597-09MSDLX10 Acquired: 2/27/2019 14:38:09 Type: Unk
Method: P4-ICP2(v2894) 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	.08565	.20418	.11292	.20700	.03227	2.5566	.02359
Stddev	.00101	.00254	.00060	.00283	.00273	.0483	.00394
%RSD	1.1805	1.2456	.52981	1.3694	8.4472	1.8886	16.703

#1	.08455	.20387	.11224	.20865	.02919	2.5044	.02723
#2	.08653	.20686	.11334	.20862	.03325	2.5658	.01940
#3	.08589	.20181	.11320	.20373	.03436	2.5997	.02414

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02120	.01916	399.70	.04847	.02552	.04096	12.629
Stddev	.00003	.00015	3.06	.00054	.00027	.00042	.095
%RSD	.15111	.79670	.76545	1.1082	1.0569	1.0133	.75522

#1	.02119	.01907	403.18	.04787	.02521	.04059	12.739
#2	.02118	.01934	397.43	.04891	.02568	.04141	12.570
#3	.02124	.01908	398.48	.04863	.02567	.04088	12.578

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34596	221.07	.05505	.00532	.85843	.04852	.09912
Stddev	.00039	1.03	.00059	.00067	.00544	.00019	.00035
%RSD	.11315	.46556	1.0722	12.657	.63314	.39545	.35016

#1	.34563	220.08	.05441	.00482	.85215	.04835	.09896
#2	.34586	221.00	.05518	.00505	.86145	.04848	.09889
#3	.34639	222.13	.05556	.00608	.86168	.04873	.09952

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7333	.03936	.03403	2.1524	.12214	.07047	.04078
Stddev	.0196	.00055	.01729	.0490	.00258	.00122	.00171
%RSD	1.1294	1.4061	50.815	2.2751	2.1159	1.7308	4.2033

#1	1.7293	.03880	.03591	2.1142	.12380	.06953	.04273
#2	1.7546	.03937	.01587	2.1354	.11916	.07003	.03954
#3	1.7161	.03991	.05030	2.2076	.12345	.07185	.04005

Sample Name: K1597-09MSDLX10 Acquired: 2/27/2019 14:38:09 Type: Unk
Method: P4-ICP2(v2894) 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	.07555	.9181	.22642	5.2910	F<.00000
Stddev	.00186	.0020	.00067	.0956	5.5851
%RSD	2.4617	.2200	.29527	1.8075	8.7490
#1	.07767	.9171	.22566	5.1981	-69.507
#2	.07478	.9169	.22692	5.2858	-63.666
#3	.07419	.9205	.22668	5.3891	-58.340
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2776.5	39253.	3517.2	16.174	2681.7
Stddev	4.7	108.	39.0	1.596	7.1
%RSD	.16811	.27448	1.1100	9.8705	.26346
#1	2781.5	39265.	3473.8	17.665	2689.6
#2	2775.6	39353.	3549.5	14.490	2679.5
#3	2772.3	39139.	3528.3	16.369	2676.0

Sample Name: K1597-09MSDDLX10 Acquired: 2/27/2019 14:42:30 Type: Unk
Method: P4-ICP2(v2894) 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	.08215	.19937	.10959	.20146	.03254	2.4341	.02313
Stddev	.00529	.00028	.00113	.00043	.00188	.0100	.00213
%RSD	6.4442	.14108	1.0276	.21305	5.7896	.41040	9.2184

#1	.08078	.19969	.11072	.20118	.03467	2.4337	.02448
#2	.07767	.19922	.10958	.20126	.03189	2.4443	.02067
#3	.08799	.19919	.10846	.20196	.03108	2.4244	.02425

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02079	.01875	393.91	.04700	.02476	.03962	12.447
Stddev	.00004	.00013	.86	.00046	.00026	.00065	.041
%RSD	.20285	.68242	.21723	.98749	1.0424	1.6415	.32892

#1	.02077	.01860	393.25	.04648	.02504	.03977	12.481
#2	.02076	.01885	394.87	.04738	.02468	.03890	12.458
#3	.02084	.01878	393.59	.04713	.02454	.04018	12.401

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33753	216.52	.05377	.00479	.84175	.04761	.09502
Stddev	.00075	.92	.00026	.00087	.00915	.00039	.00009
%RSD	.22105	.42548	.48224	18.177	1.0872	.82399	.08955

#1	.33741	216.51	.05405	.00423	.83913	.04789	.09500
#2	.33833	217.45	.05354	.00435	.85192	.04716	.09511
#3	.33686	215.61	.05372	.00580	.83419	.04778	.09495

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7635	.03789	.04602	2.0902	.12107	.06885	.03731
Stddev	.0108	.00038	.01820	.0113	.00285	.00069	.00035
%RSD	.61199	.98986	39.548	.54072	2.3575	.99758	.92987

#1	1.7740	.03774	.03698	2.0927	.12080	.06941	.03763
#2	1.7640	.03832	.06697	2.0779	.12405	.06907	.03694
#3	1.7524	.03762	.03411	2.1001	.11836	.06809	.03736

Sample Name: K1597-09MSDDLX10 Acquired: 2/27/2019 14:42:30 Type: Unk
Method: P4-ICP2(v2894) 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	.07652	.8895	.22196	5.1019	F<.00000
Stddev	.00081	.0014	.00058	.0368	4.5149
%RSD	1.0564	.1610	.26308	.72125	7.6783
#1	.07656	.8886	.22236	5.1444	-54.215
#2	.07570	.8887	.22222	5.0800	-58.946
#3	.07731	.8911	.22129	5.0814	-63.241
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2806.0	39579.	3508.7	14.266	2708.6
Stddev	5.5	65.	10.0	.967	.3
%RSD	.19735	.16399	.28391	6.7756	.00961
#1	2806.0	39653.	3497.6	13.275	2708.9
#2	2811.5	39536.	3511.5	14.316	2708.5
#3	2800.4	39546.	3516.9	15.207	2708.4

Sample Name: K1597-09ADLX10 Acquired: 2/27/2019 14:46:52 Type: Unk
Method: P4-ICP2(v2894) 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	.07997	.19534	.10983	.19850	.03382	2.4858	.02405
Stddev	.00475	.00112	.00174	.00460	.00111	.0051	.00212
%RSD	5.9425	.57537	1.5802	2.3193	3.2838	.20629	8.8319

#1	.08546	.19485	.10866	.19596	.03407	2.4905	.02601
#2	.07713	.19454	.10902	.19573	.03261	2.4803	.02180
#3	.07732	.19663	.11183	.20381	.03479	2.4866	.02435

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02082	.01861	389.27	.04673	.02452	.04015	12.311
Stddev	.00013	.00011	3.88	.00003	.00022	.00015	.155
%RSD	.61615	.61791	.99781	.06045	.89180	.38390	1.2592

#1	.02094	.01860	392.67	.04670	.02460	.04016	12.490
#2	.02069	.01873	385.04	.04672	.02427	.03998	12.210
#3	.02083	.01850	390.09	.04676	.02469	.04029	12.234

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33639	215.51	.05329	.00526	.83868	.04755	.09427
Stddev	.00045	.62	.00024	.00034	.00534	.00032	.00006
%RSD	.13326	.28609	.45549	6.4489	.63727	.67304	.06623

#1	.33680	216.14	.05314	.00530	.84195	.04755	.09433
#2	.33591	214.91	.05357	.00491	.84159	.04723	.09420
#3	.33646	215.48	.05315	.00559	.83251	.04787	.09427

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7152	.03844	.05399	2.1073	.12421	.06866	.03819
Stddev	.0255	.00026	.00657	.0333	.00562	.00038	.00269
%RSD	1.4850	.68432	12.170	1.5827	4.5216	.55986	7.0445

#1	1.7434	.03813	.04655	2.1427	.12319	.06834	.03541
#2	1.7086	.03861	.05639	2.1029	.13027	.06856	.03838
#3	1.6937	.03857	.05902	2.0764	.11917	.06909	.04078

Sample Name: K1597-09ADLX10 Acquired: 2/27/2019 14:46:52 Type: Unk
Method: P4-ICP2(v2894) 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	.07408	.8900	.22106	5.0407	F<.00000
Stddev	.00172	.0004	.00021	.1564	2.1849
%RSD	2.3206	.0424	.09602	3.1031	3.7202

#1	.07551	.8898	.22130	5.2179	-59.033
#2	.07217	.8905	.22095	4.9822	-60.747
#3	.07455	.8898	.22092	4.9220	-56.409

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.9	39548.	3510.8	16.611	2699.5
Stddev	5.8	256.	43.7	1.437	8.7
%RSD	.20667	.64777	1.2434	8.6494	.32093

#1	2787.0	39264.	3461.2	16.035	2692.1
#2	2798.5	39762.	3543.3	18.247	2709.0
#3	2793.3	39619.	3528.0	15.552	2697.4

Sample Name: CCV03 Acquired: 2/27/2019 14:51:14 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14604 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9924	4.9977	4.9576	5.0283	5.0422	10.066	9.7555	.25274
Stddev	.0138	.0219	.0131	.0250	.0308	.073	.1013	.00036
%RSD	.27621	.43902	.26397	.49649	.61168	.72423	1.0382	.14122
#1	4.9867	5.0015	4.9441	5.0213	5.0323	10.131	9.6587	.25248
#2	5.0081	5.0175	4.9703	5.0560	5.0768	10.080	9.7470	.25259
#3	4.9824	4.9741	4.9584	5.0076	5.0176	9.9872	9.8608	.25315
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4616	25.301	1.0322	2.4922	1.2637	5.1816	2.5618	25.236
Stddev	.0053	.064	.0015	.0051	.0037	.0316	.0041	.113
%RSD	.21358	.25193	.14345	.20527	.29026	.60915	.16008	.44645
#1	2.4596	25.322	1.0339	2.4911	1.2630	5.1571	2.5624	25.163
#2	2.4676	25.229	1.0311	2.4978	1.2677	5.1706	2.5574	25.179
#3	2.4577	25.351	1.0317	2.4878	1.2604	5.2172	2.5656	25.366
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4822	1.2914	24.072	2.5146	2.4892	24.969	5.0592	4.9654
Stddev	.0045	.0048	.248	.0028	.0055	.182	.0231	.0348
%RSD	.17986	.37328	1.0297	.11039	.21900	.73044	.45634	.70009
#1	2.4811	1.2966	23.875	2.5166	2.4867	24.793	5.0473	4.9837
#2	2.4871	1.2872	23.991	2.5114	2.4955	24.956	5.0858	4.9253
#3	2.4783	1.2904	24.350	2.5158	2.4854	25.157	5.0445	4.9871
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8660	5.0318	4.9482	5.0414	4.9678	4.954	5.1004	4.6470
Stddev	.0014	.0532	.0125	.0136	.0523	.009	.0478	.0717
%RSD	.02985	1.0583	.25216	.26910	1.0530	.1710	.93666	1.5435
#1	4.8676	4.9764	4.9419	5.0526	4.9130	4.964	5.0502	4.6401
#2	4.8657	5.0364	4.9625	5.0263	4.9733	4.953	5.1056	4.5790
#3	4.8647	5.0826	4.9400	5.0452	5.0172	4.947	5.1453	4.7220

Sample Name: CCV03 Acquired: 2/27/2019 14:51:14 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14604 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .04196
Stddev	1.6016
%RSD	3816.8

#1	-1.7996
#2	1.1102
#3	.81530

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2982.9	41727.	3597.7	15.461	2963.9
Stddev	13.7	124.	24.7	1.080	6.6
%RSD	.45970	.29692	.68792	6.9826	.22369

#1	2989.8	41604.	3615.1	15.362	2969.3
#2	2967.1	41851.	3608.7	16.587	2956.5
#3	2991.8	41725.	3569.4	14.435	2965.8

Sample Name: CCB03 Acquired: 2/27/2019 14:55:13 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14604 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00081	.00017	-.00155	.00043	-.00126	.00808	-.01043
Stddev	.00172	.00059	.00149	.00355	.00156	.00649	.00592
%RSD	211.74	357.48	96.202	823.88	123.32	80.300	56.779

#1	.00105	.00020	-.00085	.00420	-.00096	.01285	-.01395
#2	-.00235	.00074	-.00325	-.00007	.00012	.00069	-.01376
#3	-.00114	-.00044	-.00054	-.00284	-.00295	.01069	-.00359

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00001	.05112	.00002	-.00002	-.00010	.00109
Stddev	.00004	.00003	.01109	.00017	.00014	.00010	.00126
%RSD	150.57	415.57	21.690	843.55	716.58	92.348	114.66

#1	.00007	-.00000	.06163	-.00017	-.00001	-.00013	.00208
#2	-.00002	-.00004	.05219	.00015	.00012	.00000	-.00032
#3	.00003	.00002	.03954	.00008	-.00016	-.00019	.00152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.01676	.00094	.00043	-.02485	-.00029	.00113
Stddev	.00003	.04218	.00020	.00035	.01328	.00034	.00001
%RSD	20.134	251.64	21.627	80.972	53.436	120.77	.96974

#1	.00019	.06478	.00107	.00069	-.03997	-.00058	.00114
#2	.00013	-.01429	.00071	.00058	-.01955	-.00037	.00113
#3	.00015	-.00020	.00105	.00003	-.01505	.00009	.00112

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14865	-.00010	.00931	-.00757	.00314	-.00074	.00026
Stddev	.04861	.00031	.01772	.01234	.00286	.00045	.00047
%RSD	32.702	302.96	190.36	163.10	91.160	61.326	182.60

#1	.20469	.00009	.02962	-.02094	.00230	-.00025	.00058
#2	.12343	-.00046	.00121	-.00515	.00080	-.00082	.00046
#3	.11783	.00006	-.00291	.00339	.00633	-.00114	-.00028

Sample Name: CCB03 Acquired: 2/27/2019 14:55:13 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14604 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00241	.0011	.00027	F 2.9267	F<.00000
Stddev	.00270	.0008	.00009	.1287	3.3183
%RSD	112.22	71.09	32.235	4.3978	85.619

#1	-.00206	.0007	.00034	3.0181	-.25930
#2	.00010	.0020	.00030	2.7795	-4.5874
#3	-.00527	.0006	.00017	2.9826	-6.7805

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3138.8	44546.	3650.5	17.775	3392.2
Stddev	15.9	75.	18.4	.121	9.1
%RSD	.50660	.16911	.50541	.68101	.26944

#1	3120.6	44464.	3642.8	17.650	3390.3
#2	3149.8	44611.	3637.1	17.892	3402.1
#3	3146.2	44563.	3671.5	17.783	3384.1

Sample Name: PB117420BL Acquired: 2/27/2019 14:59:41 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00268	-.00115	-.00193	-.00010	.00145	.00313	-.01081
Stddev	.00178	.00078	.00075	.00067	.00124	.00714	.00251
%RSD	66.206	67.590	38.937	675.74	85.789	227.91	23.215

#1	-.00458	-.00035	-.00177	-.00085	.00284	.00207	-.01024
#2	-.00242	-.00120	-.00128	.00011	.00104	-.00342	-.01356
#3	-.00105	-.00190	-.00275	.00044	.00046	.01075	-.00864

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00003	.01238	.00044	.00007	-.00019	.00040
Stddev	.00009	.00003	.01123	.00003	.00008	.00027	.00151
%RSD	338.81	130.92	90.667	6.0962	107.33	139.28	377.71

#1	.00013	.00001	.01126	.00041	.00010	.00010	-.00030
#2	-.00001	-.00006	.00176	.00046	-.00002	-.00025	-.00063
#3	-.00004	-.00003	.02413	.00045	.00013	-.00042	.00213

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.03521	.00081	.00003	-.03462	.00002	-.00029
Stddev	.00007	.03552	.00015	.00044	.00385	.00061	.00014
%RSD	309.61	100.89	18.107	1449.2	11.132	3013.4	48.854

#1	.00006	-.04699	.00094	.00019	-.03052	.00069	-.00045
#2	.00007	.00471	.00065	-.00047	-.03516	-.00049	-.00017
#3	-.00006	-.06335	.00084	.00037	-.03817	-.00014	-.00025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15746	-.00008	.00606	F -.02836	.00101	-.00076	-.00072
Stddev	.01523	.00016	.01645	.00557	.00031	.00023	.00102
%RSD	9.6709	186.95	271.37	19.654	30.761	30.350	141.44

#1	.14325	-.00022	.01501	-.02924	.00136	-.00077	-.00027
#2	.17353	.00009	-.01292	-.03343	.00077	-.00052	-.00000
#3	.15559	-.00012	.01610	-.02239	.00090	-.00098	-.00189

Sample Name: PB117420BL Acquired: 2/27/2019 14:59:41 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00212	.0004	.00009	F 2.9212	F<.00000
Stddev	.00042	.0004	.00007	.1169	1.2518
%RSD	20.003	107.8	79.688	4.0013	55.767
#1	-.00261	.0003	.00001	2.9941	-1.6030
#2	-.00190	.0007	.00014	2.9831	-3.6872
#3	-.00185	-.0000	.00013	2.7864	-1.4439
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3130.0	44285.	3662.4	17.164	3373.5
Stddev	24.7	171.	20.2	.788	24.7
%RSD	.78856	.38549	.55285	4.5920	.73113
#1	3157.0	44096.	3639.1	17.825	3401.7
#2	3124.5	44430.	3676.2	17.375	3363.3
#3	3108.6	44328.	3671.8	16.292	3355.6

Sample Name: PB117420BS Acquired: 2/27/2019 15:04:10 Type: Unk
Method: P4-ICP2(v2894) 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	.79720	2.0840	.99705	2.0066	.84210	2.0342	.20397
Stddev	.00059	.0072	.00104	.0025	.00229	.0316	.00549
%RSD	.07384	.34681	.10453	.12682	.27239	1.5535	2.6908

#1	.79756	2.0895	.99825	2.0092	.84023	1.9989	.20873
#2	.79752	2.0758	.99636	2.0063	.84466	2.0600	.20520
#3	.79652	2.0867	.99653	2.0042	.84142	2.0436	.19797

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20426	.19369	1.1195	.43652	.20493	.33338	3.4572
Stddev	.00064	.00034	.0163	.00091	.00032	.00104	.0420
%RSD	.31380	.17303	1.4526	.20931	.15411	.31267	1.2139

#1	.20451	.19332	1.1162	.43651	.20517	.33242	3.5013
#2	.20354	.19398	1.1372	.43560	.20458	.33449	3.4523
#3	.20474	.19376	1.1052	.43743	.20505	.33324	3.4178

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21833	2.2032	.50964	.07707	3.1859	.31589	.19669
Stddev	.00069	.0207	.00124	.00043	.0050	.00175	.00025
%RSD	.31402	.93998	.24341	.56057	.15841	.55450	.12823

#1	.21789	2.1982	.51100	.07741	3.1918	.31675	.19695
#2	.21798	2.1855	.50857	.07722	3.1828	.31388	.19644
#3	.21912	2.2260	.50935	.07658	3.1832	.31705	.19667

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.906	.43763	.32738	F 5.5354	.99779	.69590	.22782
Stddev	.049	.00128	.01152	.0346	.01211	.00120	.00414
%RSD	.44829	.29190	3.5182	.62579	1.2135	.17306	1.8151

#1	10.959	.43652	.32235	5.5711	1.0057	.69712	.22649
#2	10.898	.43903	.31923	5.5330	1.0039	.69471	.23245
#3	10.862	.43735	.34055	5.5020	.98385	.69589	.22451

Sample Name: PB117420BS Acquired: 2/27/2019 15:04:10 Type: Unk
 Method: P4-ICP2(v2894) 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	.22211	5.621	.21269	F 3.4204	F<.00000
Stddev	.00405	.017	.00102	.0530	1.8741
%RSD	1.8239	.3026	.47737	1.5498	3.3156

#1	.22508	5.640	.21368	3.4494	-55.202
#2	.22375	5.606	.21275	3.3592	-58.669
#3	.21749	5.617	.21165	3.4525	-55.703

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3128.1	44246.	3638.8	16.044	3307.7
Stddev	11.6	86.	43.3	.821	13.2
%RSD	.36926	.19501	1.1891	5.1139	.39812

#1	3117.8	44345.	3595.5	16.975	3292.9
#2	3125.9	44188.	3638.9	15.425	3312.0
#3	3140.6	44205.	3682.1	15.733	3318.1

Sample Name: PB117436BL Acquired: 2/27/2019 15:08:17 Type: Unk
Method: P4-ICP2(v2894) 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	.00036	-.00129	-.00182	.00068	.00111	.00167	-.00751
Stddev	.00067	.00109	.00082	.00215	.00141	.00797	.00197
%RSD	182.66	83.988	45.318	315.21	126.89	477.96	26.235

#1	.00108	-.00248	-.00240	-.00170	-.00026	.00156	-.00953
#2	.00026	-.00035	-.00218	.00125	.00105	.00969	-.00560
#3	-.00024	-.00106	-.00087	.00249	.00255	-.00625	-.00740

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00004	.02252	.00006	-.00012	.00034	-.00030
Stddev	.00004	.00001	.02842	.00007	.00016	.00033	.00182
%RSD	509.06	30.360	126.19	105.98	125.68	97.344	611.21

#1	.00002	.00004	.05260	.00008	-.00029	.00005	-.00074
#2	.00002	.00003	.01885	.00011	-.00010	.00069	-.00185
#3	-.00006	.00006	-.00388	-.00001	.00002	.00027	.00170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00949	.00043	.00009	-.03481	.00050	-.00022
Stddev	.00010	.04566	.00039	.00023	.00772	.00037	.00004
%RSD	107.81	481.17	91.568	266.05	22.188	72.806	19.693

#1	.00020	-.05774	.00064	.00031	-.02609	.00074	-.00024
#2	.00006	-.00376	.00067	-.00014	-.04078	.00008	-.00017
#3	.00001	.03303	-.00002	.00009	-.03756	.00068	-.00024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11761	-.00001	.01548	F -.03031	-.00049	-.00127	-.00207
Stddev	.01046	.00018	.00746	.00526	.00372	.00056	.00164
%RSD	8.8905	1352.0	48.187	17.339	751.95	44.227	79.250

#1	.11623	-.00022	.01374	-.03638	-.00474	-.00120	-.00378
#2	.10792	.00005	.00905	-.02728	.00217	-.00075	-.00189
#3	.12869	.00013	.02366	-.02728	.00108	-.00186	-.00052

Sample Name: PB117436BL Acquired: 2/27/2019 15:08:17 Type: Unk
 Method: P4-ICP2(v2894) 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	-.00270	.0007	.00013	F 2.9348	F 1.3240
Stddev	.00303	.0011	.00008	.1458	1.6612
%RSD	112.13	151.4	55.964	4.9681	125.47
#1	-.00492	.0013	.00016	2.8142	1.8218
#2	.00075	.0013	.00005	2.8935	-.52920
#3	-.00393	-.0005	.00020	3.0968	2.6794
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3112.5	44184.	3649.5	18.556	3355.2
Stddev	5.2	79.	13.0	1.542	7.9
%RSD	.16731	.17881	.35701	8.3104	.23561
#1	3108.7	44175.	3662.7	18.367	3346.1
#2	3118.4	44110.	3649.3	17.117	3358.7
#3	3110.3	44267.	3636.6	20.183	3360.7

Sample Name: PB117436BS Acquired: 2/27/2019 15:12:44 Type: Unk
Method: P4-ICP2(v2894) 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	.75711	1.9740	.95143	1.9098	.80377	1.9731	.19470
Stddev	.00132	.0052	.00121	.0044	.00226	.0355	.00358
%RSD	.17461	.26196	.12730	.22982	.28088	1.7969	1.8392

#1	.75562	1.9684	.95204	1.9048	.80596	2.0084	.19419
#2	.75812	1.9785	.95221	1.9113	.80145	1.9733	.19852
#3	.75760	1.9752	.95004	1.9132	.80390	1.9375	.19141

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19241	.18515	1.0880	.42095	.19709	.31390	3.3170
Stddev	.00029	.00018	.0032	.00191	.00038	.00033	.0309
%RSD	.15318	.09934	.29718	.45326	.19059	.10426	.93184

#1	.19271	.18503	1.0846	.42288	.19700	.31411	3.2839
#2	.19239	.18507	1.0911	.41907	.19751	.31352	3.3221
#3	.19213	.18536	1.0883	.42089	.19677	.31407	3.3451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21101	2.1390	.48853	.07227	3.0654	.30845	.18680
Stddev	.00071	.1177	.00102	.00115	.0084	.00237	.00012
%RSD	.33431	5.5044	.20873	1.5964	.27521	.76681	.06369

#1	.21168	2.0196	.48781	.07274	3.0566	.30574	.18694
#2	.21106	2.2551	.48808	.07312	3.0734	.31004	.18675
#3	.21028	2.1422	.48970	.07096	3.0663	.30959	.18672

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.500	.40721	.30328	F -.03897	.93643	.64399	.19813
Stddev	.056	.00104	.00696	.01206	.01045	.00081	.00303
%RSD	.52988	.25658	2.2949	30.944	1.1161	.12527	1.5282

#1	10.543	.40719	.29612	-.05195	.92441	.64331	.19569
#2	10.437	.40617	.31002	-.02812	.94339	.64377	.19717
#3	10.519	.40826	.30369	-.03684	.94150	.64488	.20152

Sample Name: PB117436BS Acquired: 2/27/2019 15:12:44 Type: Unk
Method: P4-ICP2(v2894) 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	.21869	5.322	.20688	F 3.3195	F<.00000
Stddev	.00322	.008	.00046	.1736	3.4868
%RSD	1.4726	.1497	.22060	5.2301	6.2152
#1	.22048	5.316	.20704	3.5114	-59.544
#2	.21497	5.318	.20637	3.1733	-52.572
#3	.22060	5.331	.20724	3.2739	-56.187
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3089.9	44132.	3627.6	16.639	3277.9
Stddev	11.7	126.	24.3	1.172	10.3
%RSD	.37821	.28453	.67104	7.0446	.31569
#1	3077.8	44032.	3652.1	17.425	3265.9
#2	3101.1	44091.	3627.3	17.200	3284.2
#3	3090.8	44273.	3603.5	15.292	3283.5

Sample Name: PB117436TB Acquired: 2/27/2019 15:16:50 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00367	-.00261	-.00003	.00342	.00708	.01204	-.01227
Stddev	.00304	.00255	.00061	.00057	.00239	.00136	.00188
%RSD	82.719	97.927	2178.9	16.795	33.791	11.313	15.331

#1	-.00141	.00021	-.00071	.00392	.00947	.01356	-.01011
#2	-.00713	-.00477	.00045	.00279	.00710	.01165	-.01314
#3	-.00248	-.00325	.00018	.00355	.00468	.01092	-.01355

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00013	.03172	.00124	-.00025	.00036	.00058
Stddev	.00005	.00003	.01094	.00019	.00018	.00033	.00415
%RSD	335.94	27.057	34.485	15.243	72.995	91.617	714.73

#1	-.00004	-.00013	.02079	.00106	-.00038	.00025	-.00019
#2	.00001	-.00016	.03172	.00121	-.00032	.00074	-.00313
#3	.00007	-.00009	.04267	.00144	-.00004	.00010	.00506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.02970	.00224	.00264	F 301.65	.00044	.00168
Stddev	.00013	.02193	.00018	.00008	3.25	.00023	.00013
%RSD	59.686	73.840	8.0178	3.2018	1.0759	52.027	7.9399

#1	.00031	-.01157	.00227	.00257	302.69	.00070	.00175
#2	.00007	-.05408	.00241	.00273	298.02	.00027	.00153
#3	.00027	-.02347	.00205	.00263	304.25	.00034	.00176

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17318	.00014	.00175	F -.01028	.00799	.00130	.00139
Stddev	.01985	.00015	.01154	.00338	.00334	.00062	.00298
%RSD	11.465	107.10	660.42	32.874	41.802	47.794	213.43

#1	.19590	.00014	-.01108	-.01081	.00492	.00196	.00149
#2	.16442	-.00001	.01129	-.01335	.00750	.00119	.00432
#3	.15920	.00028	.00503	-.00666	.01155	.00074	-.00163

Sample Name: PB117436TB Acquired: 2/27/2019 15:16:50 Type: Unk
Method: P4-ICP2(v2894) 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	.00229	-.0016	.00014	4.7266	11.606
Stddev	.00366	.0003	.00006	.0736	1.139
%RSD	159.79	19.76	43.561	1.5564	9.8135
#1	-.00160	-.0020	.00007	4.7880	11.539
#2	.00281	-.0017	.00019	4.7468	12.778
#3	.00566	-.0013	.00017	4.6451	10.503
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2889.0	40568.	3597.0	17.144	2884.3
Stddev	5.2	74.	37.9	1.050	6.2
%RSD	.17898	.18250	1.0533	6.1255	.21568
#1	2894.8	40529.	3580.1	17.167	2888.2
#2	2884.9	40523.	3640.4	18.183	2877.1
#3	2887.3	40654.	3570.6	16.083	2887.6

Sample Name: K1597-21 Acquired: 2/27/2019 15:21:25 Type: Unk
Method: P4-ICP2(v2894) 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	-.03144	-.27683	.11167	-.04118	-.07647	443.60	1.3296
Stddev	.00103	.00336	.00331	.00242	.00271	1.23	.0018
%RSD	3.2814	1.2152	2.9604	5.8791	3.5488	.27726	.13543

#1	-.03253	-.27362	.11484	-.04144	-.07465	442.31	1.3305
#2	-.03129	-.27654	.11192	-.04345	-.07959	444.76	1.3308
#3	-.03049	-.28033	.10824	-.03863	-.07517	443.72	1.3275

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03093	.03435	57.523	1.6673	.44840	1.2388	461.86
Stddev	.00010	.00014	.112	.0087	.00020	.0021	.88
%RSD	.31702	.41904	.19402	.52178	.04395	.16516	.19052

#1	.03085	.03435	57.590	1.6657	.44818	1.2373	461.38
#2	.03090	.03450	57.584	1.6768	.44855	1.2411	461.32
#3	.03104	.03421	57.394	1.6596	.44847	1.2379	462.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5097	147.99	1.0900	-.08264	7.1034	1.9728	9.7244
Stddev	.0193	.56	.0009	.00097	.0079	.0032	.0076
%RSD	.35097	.37880	.08570	1.1759	.11144	.15949	.07851

#1	5.5154	148.63	1.0909	-.08299	7.1097	1.9701	9.7321
#2	5.4881	147.59	1.0901	-.08339	7.0945	1.9763	9.7241
#3	5.5255	147.75	1.0891	-.08154	7.1061	1.9720	9.7169

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.007	-.00787	-.07299	1.7463	1.6383	.05091	F 12.031
Stddev	.045	.00045	.00266	.0069	.0044	.00165	.029
%RSD	.17299	5.7450	3.6432	.39394	.26931	3.2453	.24015

#1	25.985	-.00742	-.07310	1.7542	1.6412	.05053	12.046
#2	25.977	-.00787	-.07559	1.7417	1.6406	.04948	12.049
#3	26.058	-.00832	-.07028	1.7430	1.6332	.05272	11.997

Sample Name: K1597-21 Acquired: 2/27/2019 15:21:25 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21395	F 10.30	-.29551	<.00000	F<.00000
Stddev	.00098	.01	.00075	.08637	6.2997
%RSD	.45685	.1365	.25295	.86696	.06247
#1	.21306	10.31	-.29533	-9.9810	-10081.
#2	.21380	10.31	-.29486	-9.8686	-10080.
#3	.21500	10.29	-.29633	-10.038	-10091.
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3771.6	53528.	4922.8	15.400	2473.0
Stddev	10.6	28.	16.7	1.925	3.2
%RSD	.28100	.05174	.33865	12.501	.13050
#1	3782.6	53559.	4904.0	17.249	2476.7
#2	3770.8	53506.	4935.7	15.543	2471.5
#3	3761.5	53520.	4928.7	13.407	2470.8

Sample Name: K1597-22 Acquired: 2/27/2019 15:25:58 Type: Unk
Method: P4-ICP2(v2894) 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	.03320	-.02160	.30544	.01415	-.01471	54.720	.59281
Stddev	.00093	.00073	.00131	.00266	.00125	.517	.00725
%RSD	2.7949	3.4012	.42910	18.786	8.5078	.94525	1.2230

#1	.03283	-.02227	.30482	.01716	-.01612	54.288	.59729
#2	.03252	-.02173	.30456	.01212	-.01372	54.580	.58445
#3	.03426	-.02081	.30695	.01317	-.01430	55.293	.59670

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00583	-.00425	30.380	.20875	.07260	.12393	131.25
Stddev	.00005	.00018	.223	.00192	.00017	.00076	1.30
%RSD	.87685	4.2886	.73360	.92192	.23278	.61431	.99055

#1	.00584	-.00445	30.417	.20658	.07244	.12308	132.60
#2	.00577	-.00411	30.141	.20940	.07278	.12454	130.01
#3	.00587	-.00418	30.582	.21026	.07258	.12418	131.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94197	20.768	.14462	-.00706	2.2211	.17207	.42056
Stddev	.00098	.075	.00080	.00053	.0166	.00128	.00272
%RSD	.10430	.36279	.55311	7.4996	.74690	.74657	.64649

#1	.94099	20.799	.14498	-.00734	2.2399	.17077	.42137
#2	.94198	20.682	.14371	-.00739	2.2146	.17211	.42279
#3	.94295	20.822	.14519	-.00645	2.2087	.17334	.41753

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8057	.00867	.09185	F 12.786	2.1953	.00838	1.3030
Stddev	.0378	.00033	.00899	.057	.0313	.00040	.0063
%RSD	.48370	3.8069	9.7859	.44540	1.4276	4.7222	.48718

#1	7.7873	.00834	.09705	12.811	2.2142	.00873	1.2958
#2	7.7807	.00900	.08147	12.721	2.1592	.00795	1.3053
#3	7.8491	.00866	.09703	12.826	2.2126	.00846	1.3078

Sample Name: K1597-22 Acquired: 2/27/2019 15:25:58 Type: Unk
Method: P4-ICP2(v2894) 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	.09010	6.659	.04491	<.00000	F<.00000
Stddev	.00114	.018	.00153	.22589	.59777
%RSD	1.2649	.2646	3.4151	732.14	.04525
#1	.09066	6.639	.04317	-.26112	-1320.3
#2	.09084	6.666	.04608	-.02182	-1321.4
#3	.08879	6.673	.04548	.19038	-1321.3
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3413.7	48582.	4189.3	17.525	3073.0
Stddev	4.1	247.	42.2	.818	4.7
%RSD	.11963	.50911	1.0071	4.6669	.15433
#1	3418.1	48800.	4146.6	16.583	3067.7
#2	3413.0	48632.	4231.0	17.936	3076.7
#3	3410.1	48313.	4190.3	18.057	3074.6

Sample Name: K1597-24 Acquired: 2/27/2019 15:30:08 Type: Unk
Method: P4-ICP2(v2894) 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	.00906	-.03227	.15121	.01228	-.02271	79.283	1.0846
Stddev	.00249	.00181	.00172	.00354	.00107	.175	.0024
%RSD	27.465	5.6208	1.1353	28.828	4.7324	.22066	.22311

#1	.01163	-.03392	.15148	.01532	-.02202	79.451	1.0873
#2	.00667	-.03255	.15278	.01312	-.02215	79.296	1.0825
#3	.00887	-.03033	.14938	.00839	-.02394	79.102	1.0840

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00789	-.00485	33.551	.19065	.10069	.20628	155.40
Stddev	.00014	.00018	.104	.00131	.00016	.00061	.84
%RSD	1.7390	3.7900	.30879	.68630	.16234	.29375	.54180

#1	.00794	-.00464	33.617	.18940	.10085	.20564	154.96
#2	.00799	-.00494	33.432	.19055	.10070	.20638	154.86
#3	.00773	-.00498	33.605	.19201	.10053	.20684	156.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3266	28.960	.17144	-.00959	2.4644	.23208	.50882
Stddev	.0018	.034	.00060	.00047	.0114	.00214	.00129
%RSD	.07836	.11694	.34733	4.9210	.46430	.92157	.25378

#1	2.3251	28.961	.17167	-.00922	2.4769	.22966	.51012
#2	2.3286	28.994	.17077	-.01012	2.4620	.23371	.50880
#3	2.3262	28.926	.17189	-.00943	2.4544	.23288	.50754

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2952	-.00027	.08765	1.7469	2.0171	.01147	1.7758
Stddev	.0628	.00022	.00289	.0141	.0132	.00033	.0056
%RSD	.75706	81.407	3.3023	.80824	.65260	2.9054	.31405

#1	8.3587	-.00002	.08440	1.7498	2.0021	.01153	1.7734
#2	8.2939	-.00041	.08997	1.7315	2.0223	.01178	1.7718
#3	8.2331	-.00038	.08858	1.7593	2.0269	.01112	1.7822

Sample Name: K1597-24 Acquired: 2/27/2019 15:30:08 Type: Unk
Method: P4-ICP2(v2894) 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	.12973	8.996	.04982	<.00000	F<.00000
Stddev	.00214	.013	.00192	.06369	3.1933
%RSD	1.6512	.1459	3.8531	4.4615	.18532
#1	.12745	9.000	.05204	-1.4167	-1720.3
#2	.13003	8.982	.04867	-1.3700	-1726.6
#3	.13170	9.007	.04877	-1.4960	-1722.7
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3564.3	50728.	4389.2	16.616	2992.8
Stddev	3.0	74.	7.5	.385	5.3
%RSD	.08520	.14680	.17072	2.3189	.17672
#1	3563.8	50751.	4387.4	16.217	2987.7
#2	3561.5	50644.	4397.5	16.647	2992.3
#3	3567.5	50788.	4382.8	16.985	2998.3

Sample Name: K1597-26 Acquired: 2/27/2019 15:34:26 Type: Unk
Method: P4-ICP2(v2894) 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	.01025	-.01677	.04784	.01248	-.01340	43.596	.73211
Stddev	.00159	.00107	.00044	.00289	.00231	.104	.00470
%RSD	15.482	6.3857	.91896	23.134	17.222	.23805	.64226

#1	.00845	-.01800	.04793	.01561	-.01269	43.635	.73597
#2	.01088	-.01622	.04736	.01192	-.01598	43.674	.72687
#3	.01143	-.01608	.04823	.00992	-.01153	43.478	.73349

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00545	-.00498	22.593	.08240	.06326	.22222	110.26
Stddev	.00006	.00021	.168	.00064	.00015	.00101	.68
%RSD	1.1559	4.3174	.74242	.77921	.24074	.45293	.61702

#1	.00542	-.00520	22.578	.08228	.06314	.22309	110.99
#2	.00553	-.00477	22.433	.08309	.06343	.22112	109.64
#3	.00542	-.00496	22.767	.08183	.06321	.22245	110.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0847	18.014	.10437	-.00470	1.1785	.11338	.18486
Stddev	.0304	.159	.00040	.00043	.0057	.00061	.00038
%RSD	.49900	.88295	.38040	9.0604	.48561	.53863	.20606

#1	6.0828	18.097	.10413	-.00421	1.1729	.11335	.18442
#2	6.1159	17.830	.10482	-.00498	1.1782	.11278	.18509
#3	6.0553	18.113	.10414	-.00492	1.1843	.11400	.18506

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0797	.00015	.08537	.03388	1.9267	.00527	.91310
Stddev	.0280	.00006	.00381	.00972	.0075	.00043	.00292
%RSD	.39565	42.245	4.4644	28.700	.38719	8.0596	.32018

#1	7.0521	.00010	.08917	.04216	1.9314	.00478	.91614
#2	7.0789	.00022	.08155	.03630	1.9181	.00554	.91284
#3	7.1081	.00012	.08540	.02317	1.9307	.00549	.91031

Sample Name: K1597-26 Acquired: 2/27/2019 15:34:26 Type: Unk
 Method: P4-ICP2(v2894) 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	.08265	7.180	-.04268	.85023	F<.00000
Stddev	.00226	.008	.00066	.17440	7.1515
%RSD	2.7356	.1111	1.5561	20.512	.68260
#1	.08043	7.176	-.04338	1.0098	-1040.3
#2	.08495	7.189	-.04206	.87682	-1048.2
#3	.08257	7.174	-.04260	.66406	-1054.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3312.3	47412.	4047.4	17.345	3067.4
Stddev	4.3	152.	28.2	2.143	8.4
%RSD	.13067	.32044	.69571	12.352	.27418
#1	3312.8	47360.	4019.1	17.213	3077.0
#2	3316.4	47292.	4075.4	19.551	3063.7
#3	3307.8	47583.	4047.6	15.272	3061.4

Sample Name: K1597-28 Acquired: 2/27/2019 15:38:50 Type: Unk
Method: P4-ICP2(v2894) 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	.00122	-.02799	.11140	.01071	-.02160	89.254	1.4681
Stddev	.00106	.00206	.00114	.00227	.00164	.304	.0114
%RSD	86.554	7.3456	1.0273	21.151	7.5737	.34047	.77773

#1	.00244	-.02913	.11021	.01319	-.01971	89.148	1.4803
#2	.00074	-.02561	.11250	.00874	-.02250	89.018	1.4664
#3	.00049	-.02921	.11148	.01020	-.02259	89.597	1.4577

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00880	-.00443	38.596	.19959	.11941	.26824	156.34
Stddev	.00012	.00031	.307	.00136	.00021	.00114	1.06
%RSD	1.3252	6.8996	.79448	.68043	.17331	.42362	.68006

#1	.00867	-.00472	38.906	.20106	.11940	.26694	157.06
#2	.00889	-.00411	38.293	.19935	.11921	.26872	155.12
#3	.00883	-.00447	38.590	.19837	.11962	.26905	156.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0719	35.128	.19490	-.01056	1.8692	.23414	.62692
Stddev	.0030	.218	.00026	.00004	.0261	.00228	.00115
%RSD	.14483	.61957	.13380	.36336	1.3970	.97298	.18385

#1	2.0741	35.100	.19478	-.01056	1.8949	.23667	.62647
#2	2.0685	34.926	.19520	-.01060	1.8427	.23352	.62606
#3	2.0731	35.359	.19471	-.01052	1.8699	.23224	.62823

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6702	-.00024	.08071	.33163	2.0080	.01152	1.4775
Stddev	.0633	.00014	.00604	.01374	.0265	.00111	.0002
%RSD	.72945	61.204	7.4826	4.1437	1.3218	9.6363	.01133

#1	8.7413	-.00035	.08768	.31974	2.0353	.01057	1.4776
#2	8.6495	-.00007	.07711	.34667	2.0064	.01274	1.4773
#3	8.6200	-.00028	.07733	.32847	1.9823	.01125	1.4776

Sample Name: K1597-28 Acquired: 2/27/2019 15:38:50 Type: Unk
Method: P4-ICP2(v2894) 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	.14535	8.796	-.00570	<.00000	F<.00000
Stddev	.00072	.025	.00082	.15488	14.999
%RSD	.49541	.2847	14.473	8.0283	.82320
#1	.14599	8.792	-.00611	-2.0310	-1834.6
#2	.14457	8.774	-.00475	-2.0057	-1826.0
#3	.14549	8.823	-.00624	-1.7510	-1805.4
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3617.9	51623.	4526.3	16.859	2957.4
Stddev	10.3	91.	31.5	.773	2.6
%RSD	.28374	.17710	.69520	4.5822	.08676
#1	3622.3	51608.	4490.1	16.455	2957.9
#2	3606.2	51720.	4541.9	16.372	2954.6
#3	3625.2	51539.	4546.9	17.750	2959.7

Sample Name: CCV04 Acquired: 2/27/2019 15:43:13 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14605 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9984	5.0026	4.9552	5.0457	5.0780	10.154	9.8494	.25379
Stddev	.0246	.0185	.0095	.0186	.0182	.139	.0834	.00106
%RSD	.49314	.36884	.19162	.36910	.35784	1.3719	.84693	.41860
#1	4.9703	4.9854	4.9463	5.0243	5.0570	10.001	9.9436	.25256
#2	5.0160	5.0221	4.9652	5.0549	5.0885	10.190	9.8199	.25441
#3	5.0090	5.0002	4.9540	5.0579	5.0886	10.272	9.7848	.25439
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4651	25.459	1.0222	2.4860	1.2733	5.1602	2.5607	25.165
Stddev	.0034	.048	.0013	.0042	.0021	.0618	.0014	.060
%RSD	.13738	.18986	.12547	.16867	.16585	1.1972	.05395	.23994
#1	2.4614	25.456	1.0213	2.4818	1.2719	5.2313	2.5603	25.146
#2	2.4681	25.508	1.0216	2.4902	1.2757	5.1290	2.5622	25.232
#3	2.4657	25.412	1.0237	2.4860	1.2723	5.1202	2.5595	25.116
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4811	1.2831	24.664	2.5247	2.4809	25.449	5.0883	5.0080
Stddev	.0065	.0054	.252	.0046	.0043	.289	.0048	.0257
%RSD	.26300	.42243	1.0198	.18137	.17305	1.1338	.09494	.51373
#1	2.4763	1.2805	24.934	2.5212	2.4772	25.766	5.0827	5.0229
#2	2.4885	1.2794	24.620	2.5299	2.4856	25.378	5.0912	5.0229
#3	2.4785	1.2893	24.437	2.5231	2.4800	25.203	5.0910	4.9783
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8989	5.0553	4.9451	5.0656	5.0356	4.958	5.1215	F 4.0748
Stddev	.0276	.0613	.0067	.0167	.0477	.004	.0317	.0294
%RSD	.56430	1.2128	.13468	.32926	.94650	.0770	.61866	.72069
#1	4.9237	5.1248	4.9440	5.0736	5.0900	4.953	5.1562	4.0808
#2	4.9039	5.0317	4.9523	5.0768	5.0160	4.961	5.1142	4.0430
#3	4.8691	5.0092	4.9392	5.0464	5.0009	4.959	5.0940	4.1008

Sample Name: CCV04 Acquired: 2/27/2019 15:43:13 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14605 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .43285
Stddev	.97315
%RSD	224.82

#1	-.63275
#2	.65678
#3	1.2745

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2970.6	42063.	3602.2	14.822	2961.6
Stddev	5.4	57.	46.6	1.588	8.0
%RSD	.18155	.13651	1.2946	10.711	.27003

#1	2973.3	42074.	3550.3	13.828	2962.3
#2	2964.4	42114.	3615.8	13.986	2953.2
#3	2974.1	42001.	3640.6	16.653	2969.2

Sample Name: CCB04 Acquired: 2/27/2019 15:47:12 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14605 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	-.00038	-.00128	.00189	-.00011	.00207	-.00827
Stddev	.00120	.00152	.00091	.00413	.00102	.01207	.00446
%RSD	602.32	404.57	71.323	218.26	907.49	582.12	53.947

#1	-.00125	-.00192	-.00063	-.00281	.00091	.00322	-.00697
#2	-.00046	-.00032	-.00232	.00356	-.00011	.01352	-.00461
#3	.00111	.00111	-.00088	.00492	-.00113	-.01053	-.01324

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00007	.02015	.00049	-.00010	.00045	.00002
Stddev	.00009	.00006	.01727	.00022	.00007	.00023	.00040
%RSD	74.636	87.736	85.735	43.961	71.877	50.208	2358.1

#1	.00003	.00003	.03902	.00024	-.00006	.00053	.00022
#2	.00011	.00004	.01629	.00062	-.00019	.00019	.00028
#3	.00022	.00013	.00513	.00061	-.00005	.00062	-.00045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.02324	.00050	.00006	-.08069	-.00014	-.00018
Stddev	.00006	.05503	.00026	.00032	.01627	.00036	.00002
%RSD	49.145	236.82	52.351	532.43	20.167	254.58	9.2119

#1	.00018	-.08677	.00020	-.00030	-.08063	.00025	-.00016
#2	.00009	.00985	.00058	.00031	-.09700	-.00021	-.00019
#3	.00007	.00720	.00070	.00016	-.06445	-.00046	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13088	-.00010	.02126	F -.01803	.00337	-.00037	-.00158
Stddev	.01887	.00024	.00850	.00364	.00184	.00071	.00259
%RSD	14.417	249.20	39.988	20.193	54.566	190.85	163.72

#1	.11146	-.00005	.02880	-.02217	.00130	-.00082	-.00127
#2	.13204	-.00036	.01205	-.01530	.00481	.00045	-.00432
#3	.14915	.00012	.02292	-.01663	.00400	-.00074	.00084

Sample Name: CCB04 Acquired: 2/27/2019 15:47:12 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14605 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00192	-.0001	.00017	F 2.8936	F<.00000
Stddev	.00127	.0010	.00013	.1536	1.9594
%RSD	65.844	656.9	76.611	5.3072	90.526
#1	.00123	-.0012	.00029	3.0500	-3.1433
#2	.00115	.0006	.00003	2.8880	.09149
#3	.00338	.0002	.00020	2.7430	-3.4417
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3104.1	44131.	3619.1	17.881	3338.1
Stddev	4.1	173.	19.6	.630	11.9
%RSD	.13114	.39288	.54248	3.5231	.35721
#1	3101.0	44001.	3613.6	18.492	3338.8
#2	3102.6	44064.	3602.8	17.233	3325.8
#3	3108.7	44328.	3640.9	17.917	3349.7

Sample Name: K1597-01DLX10 Acquired: 2/27/2019 15:51:40 Type: Unk
Method: P4-ICP2(v2894) 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	.00225	-.00211	.03197	.00478	-.00071	17.253	.11433
Stddev	.00183	.00244	.00155	.00320	.00107	.026	.00384
%RSD	81.301	115.56	4.8468	66.887	151.97	.14888	3.3545

#1	.00407	.00070	.03315	.00116	.00053	17.239	.11575
#2	.00225	-.00364	.03021	.00721	-.00133	17.237	.10998
#3	.00042	-.00339	.03253	.00599	-.00132	17.282	.11725

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	-.00088	2.9291	.40180	.00593	.01758	18.489
Stddev	.00003	.00006	.0295	.00312	.00012	.00019	.062
%RSD	4.2146	6.3993	1.0061	.77568	2.0438	1.1046	.33609

#1	.00084	-.00087	2.9143	.39869	.00579	.01777	18.543
#2	.00080	-.00095	2.9099	.40493	.00601	.01738	18.421
#3	.00077	-.00084	2.9630	.40180	.00599	.01758	18.503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39215	2.3538	.01030	-.00110	.36559	.02687	.11044
Stddev	.00069	.0329	.00026	.00067	.01258	.00022	.00039
%RSD	.17642	1.3989	2.5602	61.056	3.4398	.81802	.35493

#1	.39148	2.3819	.01000	-.00081	.37882	.02661	.11040
#2	.39286	2.3618	.01044	-.00186	.35379	.02698	.11007
#3	.39209	2.3175	.01047	-.00061	.36415	.02701	.11085

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84495	-.00004	.01803	.34079	.17154	.00132	.07055
Stddev	.07420	.00043	.00507	.00280	.00170	.00046	.00226
%RSD	8.7814	1203.7	28.128	.82066	.99381	34.856	3.2040

#1	.82128	.00046	.01756	.34249	.17311	.00118	.07073
#2	.92810	-.00027	.02332	.34231	.17180	.00094	.07272
#3	.78548	-.00030	.01321	.33756	.16973	.00183	.06821

Sample Name: K1597-01DLX10 Acquired: 2/27/2019 15:51:40 Type: Unk
 Method: P4-ICP2(v2894) 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	.01533	.3682	-.00505	2.9322	F<.00000
Stddev	.00154	.0039	.00009	.0556	4.3797
%RSD	10.025	1.049	1.8375	1.8951	2.8691
#1	.01377	.3674	-.00495	2.9547	-157.52
#2	.01538	.3647	-.00505	2.9730	-151.41
#3	.01685	.3723	-.00513	2.8689	-149.03
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3132.2	44392.	3725.9	16.522	3255.7
Stddev	16.3	101.	24.5	1.008	23.2
%RSD	.51931	.22727	.65842	6.0990	.71163
#1	3150.3	44423.	3701.0	15.567	3279.1
#2	3118.7	44279.	3750.0	16.425	3255.1
#3	3127.6	44474.	3726.8	17.575	3232.8

Sample Name: K1605-02 Acquired: 2/27/2019 15:56:02 Type: Unk
Method: P4-ICP2(v2894) 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	.01741	-.00233	.14952	.00131	-.00292	.49080	.05031
Stddev	.00114	.00240	.00059	.00188	.00045	.02329	.00501
%RSD	6.5744	103.20	.39696	143.45	15.252	4.7462	9.9485

#1	.01868	.00043	.15004	-.00079	-.00335	.49555	.04575
#2	.01647	-.00397	.14887	.00284	-.00296	.51136	.04951
#3	.01708	-.00345	.14964	.00189	-.00246	.46550	.05567

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00004	16.305	.00062	.00114	.02637	3.0873
Stddev	.00006	.00012	.018	.00031	.00024	.00048	.0313
%RSD	29.836	281.33	.11296	49.477	20.943	1.8073	1.0124

#1	.00019	-.00007	16.312	.00098	.00117	.02642	3.1234
#2	.00029	.00009	16.318	.00042	.00089	.02587	3.0696
#3	.00017	-.00015	16.284	.00046	.00136	.02682	3.0688

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10169	2.2183	.00193	-.00033	16.198	.00488	.05354
Stddev	.00044	.0289	.00022	.00054	.162	.00086	.00026
%RSD	.43583	1.3025	11.400	163.65	.99783	17.688	.48894

#1	.10144	2.1876	.00167	.00020	16.380	.00404	.05381
#2	.10220	2.2224	.00205	-.00088	16.074	.00576	.05351
#3	.10143	2.2449	.00206	-.00032	16.138	.00485	.05329

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3410	.00006	.01445	.10784	2.4492	.00003	.00517
Stddev	.0181	.00015	.00539	.01154	.0142	.00018	.00152
%RSD	.77404	248.28	37.297	10.701	.58043	675.05	29.474

#1	2.3294	.00001	.02066	.12005	2.4641	.00008	.00692
#2	2.3316	.00023	.01117	.09711	2.4477	.00017	.00415
#3	2.3619	-.00005	.01150	.10638	2.4357	-.00017	.00444

Sample Name: K1605-02 Acquired: 2/27/2019 15:56:02 Type: Unk
 Method: P4-ICP2(v2894) 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	.00936	.1154	.08572	3.3198	F<.00000
Stddev	.00238	.0027	.00025	.1523	2.1218
%RSD	25.438	2.323	.28711	4.5872	15.478

#1	.01016	.1184	.08575	3.3163	-15.154
#2	.00668	.1132	.08595	3.1693	-14.698
#3	.01124	.1147	.08546	3.4738	-11.273

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3058.0	43451.	3643.2	17.036	3227.4
Stddev	2.4	67.	27.3	1.202	2.2
%RSD	.07760	.15407	.75011	7.0538	.06704

#1	3056.5	43528.	3614.5	16.003	3225.1
#2	3056.7	43403.	3669.0	16.750	3227.7
#3	3060.7	43423.	3646.1	18.355	3229.4

Sample Name: K1597-29 Acquired: 2/27/2019 16:00:26 Type: Unk
Method: P4-ICP2(v2894) 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	.00085	-.02874	.09206	.01400	-.02388	91.585	.67387
Stddev	.00304	.00358	.00174	.00561	.00209	.468	.00586
%RSD	356.18	12.462	1.8876	40.036	8.7583	.51082	.86937

#1	.00436	-.02499	.09117	.00900	-.02630	91.045	.67190
#2	-.00089	-.03212	.09095	.02006	-.02271	91.869	.66925
#3	-.00091	-.02911	.09407	.01295	-.02264	91.842	.68046

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01041	-.00464	17.661	.13405	.10948	.82988	175.49
Stddev	.00013	.00008	.055	.00170	.00017	.00108	.73
%RSD	1.2745	1.7176	.31080	1.2688	.15750	.13072	.41651

#1	.01035	-.00469	17.665	.13291	.10931	.83069	174.90
#2	.01033	-.00468	17.604	.13323	.10965	.83030	175.25
#3	.01057	-.00455	17.714	.13601	.10948	.82864	176.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5255	29.411	.17054	-.00946	1.8350	.17537	.40264
Stddev	.0222	.202	.00017	.00042	.0148	.00090	.00132
%RSD	.40089	.68697	.09931	4.4789	.80407	.51094	.32705

#1	5.5200	29.617	.17045	-.00992	1.8190	.17433	.40286
#2	5.5067	29.213	.17074	-.00908	1.8480	.17581	.40383
#3	5.5499	29.404	.17045	-.00939	1.8381	.17595	.40122

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4583	-.00098	.10874	.46265	2.0967	.01144	1.5137
Stddev	.0582	.00050	.01482	.02673	.0273	.00019	.0040
%RSD	.61549	50.854	13.632	5.7781	1.3045	1.6540	.26409

#1	9.4606	-.00134	.12519	.46030	2.0948	.01146	1.5094
#2	9.3989	-.00041	.10462	.49048	2.0703	.01161	1.5143
#3	9.5153	-.00120	.09642	.43717	2.1249	.01123	1.5173

Sample Name: K1597-29 Acquired: 2/27/2019 16:00:26 Type: Unk
Method: P4-ICP2(v2894) 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	.13171	7.240	-.09569	<.00000	F<.00000
Stddev	.00159	.009	.00093	.19704	14.374
%RSD	1.2102	.1232	.97222	8.6298	.70562
#1	.13127	7.247	-.09515	-2.4188	-2036.8
#2	.13348	7.244	-.09515	-2.0573	-2022.8
#3	.13038	7.230	-.09677	-2.3739	-2051.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3604.1	51715.	4470.6	16.890	2972.4
Stddev	3.9	134.	18.7	1.938	4.1
%RSD	.10936	.25996	.41816	11.475	.13788
#1	3604.2	51870.	4466.8	14.921	2969.6
#2	3600.1	51637.	4490.9	18.796	2970.5
#3	3608.0	51636.	4454.2	16.952	2977.1

Sample Name: PB117449BL Acquired: 2/27/2019 16:07:54 Type: Unk
Method: P4-ICP2(v2894) 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	-.00312	-.00060	-.00097	.00496	-.00003	-.00537	-.00749
Stddev	.00184	.00089	.00075	.00191	.00058	.01466	.00399
%RSD	58.956	146.64	77.443	38.473	1732.7	272.77	53.247

#1	-.00451	.00037	-.00121	.00639	.00012	-.02026	-.00988
#2	-.00103	-.00136	-.00158	.00279	-.00067	-.00490	-.00970
#3	-.00381	-.00082	-.00013	.00570	.00045	.00904	-.00289

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00002	.02133	.00007	-.00012	-.00011	.00101
Stddev	.00007	.00006	.01365	.00043	.00021	.00086	.00150
%RSD	144.51	271.64	64.016	654.52	166.35	809.25	148.37

#1	-.00000	.00000	.01186	-.00024	-.00019	.00082	.00109
#2	.00012	-.00003	.03698	-.00012	-.00029	-.00026	-.00053
#3	.00002	.00009	.01515	.00056	.00011	-.00088	.00247

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00046	.00005	-.00010	-.08313	.00023	.00031
Stddev	.00006	.06149	.00030	.00049	.00242	.00101	.00005
%RSD	77.219	13322.	595.75	518.92	2.9107	434.61	15.622

#1	.00011	-.01535	-.00025	-.00067	-.08551	.00083	.00028
#2	.00001	.06710	.00034	.00020	-.08321	.00080	.00028
#3	.00013	-.05314	.00006	.00018	-.08068	-.00093	.00036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13463	-.00035	-.00078	-.00225	.00209	-.00094	.00169
Stddev	.03313	.00012	.00694	.00329	.00087	.00050	.00384
%RSD	24.612	35.307	886.53	146.33	41.469	52.847	226.86

#1	.17085	-.00028	-.00878	-.00322	.00187	-.00039	.00470
#2	.10584	-.00049	.00272	-.00493	.00305	-.00106	.00301
#3	.12719	-.00027	.00371	.00142	.00135	-.00137	-.00263

Sample Name: PB117449BL Acquired: 2/27/2019 16:07:54 Type: Unk
Method: P4-ICP2(v2894) 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	.00467	.0010	.00011	F 3.3503	F<.00000
Stddev	.00082	.0018	.00012	.1561	5.0008
%RSD	17.590	169.1	102.69	4.6602	222.27

#1	.00557	-.0005	.00018	3.2030	-7.9631
#2	.00447	.0007	.00018	3.5140	-.11930
#3	.00396	.0030	-.00002	3.3339	1.3329

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3027.0	43564.	3580.2	16.675	3272.8
Stddev	7.9	120.	14.9	.404	11.0
%RSD	.26045	.27631	.41553	2.4257	.33649

#1	3017.9	43506.	3563.1	16.225	3260.4
#2	3032.3	43485.	3587.5	17.008	3281.3
#3	3030.7	43703.	3590.1	16.792	3276.9

Sample Name: PB117449BS Acquired: 2/27/2019 16:12:20 Type: Unk
Method: P4-ICP2(v2894) 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	.78483	2.0278	.98263	1.9716	.83483	2.0508	.20035
Stddev	.00329	.0047	.00188	.0043	.00110	.0247	.00356
%RSD	.41875	.23213	.19084	.22000	.13158	1.2053	1.7769

#1	.78152	2.0235	.98109	1.9765	.83369	2.0607	.20222
#2	.78489	2.0271	.98207	1.9682	.83491	2.0691	.19625
#3	.78809	2.0329	.98472	1.9702	.83589	2.0227	.20259

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19596	.19057	1.0999	.43383	.20400	.32333	3.3967
Stddev	.00015	.00000	.0174	.00196	.00061	.00063	.0267
%RSD	.07737	.00212	1.5801	.45235	.29968	.19552	.78534

#1	.19608	.19057	1.0902	.43405	.20329	.32261	3.3967
#2	.19603	.19057	1.0895	.43567	.20439	.32360	3.3700
#3	.19579	.19057	1.1200	.43176	.20430	.32378	3.4234

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21757	2.2637	.50414	.07458	3.0423	.31711	.19278
Stddev	.00006	.0304	.00108	.00066	.0062	.00126	.00033
%RSD	.02843	1.3418	.21508	.88037	.20326	.39667	.17124

#1	.21763	2.2872	.50370	.07382	3.0388	.31691	.19244
#2	.21751	2.2294	.50335	.07499	3.0388	.31845	.19309
#3	.21758	2.2745	.50537	.07493	3.0495	.31596	.19282

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.721	.42716	.30973	F -.03108	.97078	.66656	.20791
Stddev	.004	.00146	.01656	.02103	.01196	.00117	.00186
%RSD	.04050	.34225	5.3479	67.682	1.2323	.17587	.89690

#1	10.717	.42847	.30195	-.03053	.95720	.66720	.20576
#2	10.721	.42743	.29849	-.01032	.97536	.66521	.20916
#3	10.726	.42559	.32875	-.05238	.97977	.66728	.20880

Sample Name: PB117449BS Acquired: 2/27/2019 16:12:20 Type: Unk
Method: P4-ICP2(v2894) 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	.22754	5.464	.21304	F 3.8164	F<.00000
Stddev	.00275	.008	.00110	.2355	1.9352
%RSD	1.2068	.1478	.51434	6.1707	3.2133
#1	.22984	5.459	.21316	4.0236	-59.561
#2	.22450	5.460	.21189	3.8653	-62.406
#3	.22829	5.473	.21407	3.5603	-58.710
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2998.9	43421.	3607.0	16.528	3203.6
Stddev	3.5	138.	31.4	1.405	1.5
%RSD	.11531	.31733	.86965	8.5024	.04825
#1	2996.7	43311.	3588.9	17.900	3203.4
#2	2997.1	43377.	3643.3	15.092	3202.2
#3	3002.9	43576.	3589.0	16.592	3205.2

Sample Name: PB117449TB Acquired: 2/27/2019 16:16:26 Type: Unk
Method: P4-ICP2(v2894) 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	-.00063	-.00516	.00037	.00433	.00302	-.00805	-.01296
Stddev	.00283	.00150	.00102	.00271	.00148	.00433	.00589
%RSD	448.60	29.077	277.55	62.694	49.144	53.706	45.490

#1	.00189	-.00602	-.00081	.00507	.00280	-.00822	-.00668
#2	-.00369	-.00343	.00104	.00660	.00460	-.01230	-.01837
#3	-.00009	-.00603	.00088	.00132	.00166	-.00365	-.01383

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00007	.00396	.00127	-.00042	-.00010	.00101
Stddev	.00005	.00009	.00628	.00012	.00001	.00055	.00245
%RSD	90.862	123.70	158.53	9.6823	2.8113	536.39	242.51

#1	-.00000	-.00017	.00141	.00113	-.00040	-.00053	-.00065
#2	.00007	-.00002	-.00064	.00131	-.00042	-.00029	-.00014
#3	.00009	-.00002	.01111	.00137	-.00042	.00052	.00382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.01845	.00242	.00243	F 319.83	.00055	.00128
Stddev	.00005	.02102	.00074	.00064	2.61	.00032	.00014
%RSD	24.463	113.92	30.704	26.215	.81635	58.409	10.956

#1	.00016	-.03070	.00161	.00241	317.71	.00018	.00116
#2	.00016	.00582	.00307	.00308	319.03	.00078	.00125
#3	.00024	-.03049	.00258	.00181	322.75	.00068	.00143

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26546	-.00006	.01031	F -.01269	.01132	.00102	-.00071
Stddev	.00421	.00029	.01332	.00804	.00181	.00021	.00101
%RSD	1.5866	456.45	129.21	63.368	15.992	20.068	142.70

#1	.26261	-.00028	.01167	-.01646	.01239	.00120	-.00106
#2	.26347	.00027	-.00364	-.00346	.01235	.00080	-.00150
#3	.27029	-.00018	.02290	-.01815	.00923	.00107	.00043

Sample Name: PB117449TB Acquired: 2/27/2019 16:16:26 Type: Unk
Method: P4-ICP2(v2894) 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 .01021	-0.0009	.00010	4.8796	11.709
Stddev	.00510	.0017	.00008	.1606	3.449
%RSD	49.945	180.0	80.813	3.2917	29.460
#1	.00864	-.0027	.00002	4.8604	7.8355
#2	.00607	-.0006	.00018	5.0490	14.449
#3	.01590	.0006	.00011	4.7295	12.843
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2857.5	40412.	3549.2	16.964	2861.5
Stddev	6.2	66.	26.7	1.083	5.8
%RSD	.21806	.16423	.75154	6.3862	.20286
#1	2864.7	40481.	3530.6	17.733	2867.3
#2	2854.3	40349.	3579.8	15.725	2861.5
#3	2853.6	40405.	3537.2	17.433	2855.7

Sample Name: K1570-01 Acquired: 2/27/2019 16:25:27 Type: Unk
Method: P4-ICP2(v2894) 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	.00777	-.01305	1.2787	.00228	.00375	15.927	1.5783
Stddev	.00375	.00207	.0063	.00307	.00234	.082	.0202
%RSD	48.273	15.823	.48966	134.73	62.459	.51387	1.2788

#1	.00482	-.01492	1.2751	.00434	.00127	15.928	1.6015
#2	.01199	-.01084	1.2750	.00376	.00405	15.845	1.5684
#3	.00649	-.01341	1.2859	-.00125	.00593	16.009	1.5650

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	.00254	296.43	.04154	.01179	.27030	33.593
Stddev	.00007	.00023	3.27	.00039	.00014	.00094	.661
%RSD	6.2953	8.9459	1.1036	.94741	1.1601	.34937	1.9684

#1	.00117	.00242	300.19	.04196	.01194	.27136	34.246
#2	.00104	.00280	294.84	.04148	.01167	.26955	33.610
#3	.00116	.00239	294.26	.04118	.01175	.27000	32.924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7240	40.531	.04749	-.00250	1459.7	.04051	1.8401
Stddev	.0030	.718	.00065	.00028	31.0	.00012	.0024
%RSD	.17279	1.7715	1.3715	11.041	2.1208	.28899	.13280

#1	1.7216	41.360	.04684	-.00265	1491.1	.04061	1.8381
#2	1.7273	40.114	.04814	-.00268	1458.6	.04038	1.8394
#3	1.7231	40.119	.04750	-.00219	1429.2	.04054	1.8428

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.011	.00621	.11665	F 13.986	F 24.622	.06661	.60643
Stddev	.277	.00018	.01425	.081	.489	.00102	.03167
%RSD	.83992	2.8706	12.216	.57624	1.9871	1.5245	5.2224

#1	33.330	.00603	.13244	13.966	25.156	.06733	.64262
#2	32.828	.00623	.11274	14.075	24.515	.06545	.58382
#3	32.874	.00638	.10475	13.917	24.195	.06705	.59284

Sample Name: K1570-01 Acquired: 2/27/2019 16:25:27 Type: Unk
Method: P4-ICP2(v2894) 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	.06895	3.024	1.9327	6.3760	F<.00000
Stddev	.00458	.017	.0190	.0130	5.2129
%RSD	6.6373	.5557	.98127	.20436	2.3593
#1	.06487	3.017	1.9546	6.3895	-226.96
#2	.06809	3.042	1.9208	6.3751	-218.08
#3	.07390	3.011	1.9227	6.3635	-217.80
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2629.9	36424.	3551.7	16.162	2386.0
Stddev	9.0	30.	70.1	1.315	8.0
%RSD	.34115	.08343	1.9725	8.1353	.33437
#1	2637.1	36430.	3477.4	16.180	2394.0
#2	2632.9	36452.	3561.2	14.838	2386.1
#3	2619.9	36392.	3616.5	17.467	2378.0

Sample Name: K1570-02 Acquired: 2/27/2019 16:29:51 Type: Unk
Method: P4-ICP2(v2894) 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	.00849	-.01053	1.1828	.00363	.00188	17.068	1.6036
Stddev	.00133	.00074	.0050	.00432	.00217	.194	.0043
%RSD	15.675	7.0452	.42442	119.11	115.13	1.1374	.27035

#1	.00990	-.00977	1.1863	.00673	.00144	17.262	1.6017
#2	.00830	-.01125	1.1770	.00546	-.00003	17.069	1.6006
#3	.00726	-.01056	1.1849	-.00131	.00424	16.874	1.6086

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	.00212	303.46	.03641	.01102	.25137	32.418
Stddev	.00013	.00017	1.02	.00200	.00039	.00028	.050
%RSD	12.732	7.9808	.33681	5.4879	3.5200	.11086	.15324

#1	.00102	.00206	302.63	.03869	.01137	.25165	32.377
#2	.00121	.00200	304.60	.03500	.01109	.25110	32.473
#3	.00095	.00231	303.14	.03552	.01061	.25136	32.403

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7482	41.403	.03877	-.00274	1461.6	.03983	1.6647
Stddev	.0034	.293	.00028	.00054	19.2	.00051	.0019
%RSD	.19278	.70729	.72222	19.865	1.3114	1.2739	.11349

#1	1.7502	41.239	.03901	-.00336	1483.7	.03950	1.6668
#2	1.7501	41.228	.03846	-.00246	1452.3	.03959	1.6632
#3	1.7443	41.741	.03883	-.00238	1448.9	.04042	1.6640

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.791	.00654	.11312	F 13.835	F 26.041	.03584	.67541
Stddev	.176	.00066	.00516	.027	.489	.00111	.01604
%RSD	.50553	10.021	4.5644	.19685	1.8793	3.1018	2.3748

#1	34.600	.00710	.11724	13.860	26.550	.03562	.68608
#2	34.828	.00582	.10733	13.806	26.001	.03704	.68320
#3	34.946	.00671	.11480	13.839	25.573	.03485	.65697

Sample Name: K1570-02 Acquired: 2/27/2019 16:29:51 Type: Unk
 Method: P4-ICP2(v2894) 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	.07852	2.874	2.0009	6.2577	F<.00000
Stddev	.00239	.005	.0034	.0680	5.5185
%RSD	3.0488	.1690	.17240	1.0871	2.5939

#1	.07686	2.879	1.9971	6.3214	-214.59
#2	.07745	2.873	2.0037	6.2657	-217.11
#3	.08127	2.869	2.0020	6.1860	-206.54

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2597.6	36355.	3557.0	14.923	2369.6
Stddev	2.6	136.	10.1	1.033	3.2
%RSD	.10122	.37388	.28310	6.9216	.13686

#1	2600.4	36242.	3563.6	13.808	2370.3
#2	2595.2	36316.	3545.5	15.848	2372.5
#3	2597.2	36506.	3562.1	15.112	2366.1

Sample Name: K1570-03 Acquired: 2/27/2019 16:34:13 Type: Unk
Method: P4-ICP2(v2894) 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	.00607	-.01395	1.2425	.00381	.00203	18.449	1.5383
Stddev	.00363	.00317	.0020	.00302	.00112	.150	.0177
%RSD	59.840	22.686	.15972	79.194	55.411	.81526	1.1509

#1	.00249	-.01702	1.2402	.00677	.00251	18.463	1.5466
#2	.00597	-.01070	1.2437	.00393	.00074	18.292	1.5504
#3	.00975	-.01414	1.2436	.00074	.00283	18.592	1.5180

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00128	.00220	287.79	.03811	.01111	.26210	33.391
Stddev	.00017	.00013	2.25	.00031	.00018	.00027	.505
%RSD	13.223	5.9192	.78193	.82605	1.6139	.10417	1.5124

#1	.00121	.00216	288.41	.03776	.01090	.26239	33.732
#2	.00147	.00209	289.67	.03836	.01123	.26185	33.629
#3	.00116	.00234	285.30	.03822	.01119	.26206	32.811

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6748	39.504	.04055	-.00347	1401.1	.04317	1.6936
Stddev	.0015	.495	.00045	.00026	10.7	.00087	.0018
%RSD	.09188	1.2526	1.1063	7.5545	.76685	2.0116	.10395

#1	1.6766	39.574	.04097	-.00349	1403.2	.04281	1.6950
#2	1.6742	39.959	.04008	-.00372	1410.7	.04416	1.6941
#3	1.6737	38.977	.04061	-.00320	1389.5	.04254	1.6916

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.298	.00613	.12051	F 13.103	F 28.600	.03310	.75339
Stddev	.302	.00047	.00813	.083	.587	.00167	.02504
%RSD	.90793	7.6404	6.7491	.63539	2.0527	5.0581	3.3231

#1	33.573	.00600	.11963	13.067	28.942	.03153	.76786
#2	33.345	.00665	.12904	13.044	28.937	.03292	.72448
#3	32.974	.00574	.11285	13.198	27.923	.03486	.76783

Sample Name: K1570-03 Acquired: 2/27/2019 16:34:13 Type: Unk
Method: P4-ICP2(v2894) 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	.07329	2.918	1.8868	6.2932	F<.00000
Stddev	.00227	.003	.0137	.2447	5.1578
%RSD	3.0976	.1126	.72558	3.8886	2.3352

#1	.07081	2.918	1.8935	6.2936	-224.25
#2	.07379	2.914	1.8958	6.0483	-214.93
#3	.07527	2.921	1.8710	6.5378	-223.42

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2623.7	36452.	3555.0	16.975	2386.9
Stddev	2.1	109.	49.6	1.500	5.6
%RSD	.07961	.30024	1.3965	8.8371	.23261

#1	2625.2	36538.	3532.7	15.871	2393.2
#2	2624.5	36490.	3520.5	16.371	2384.8
#3	2621.3	36329.	3611.9	18.683	2382.8

Sample Name: K1570-04 Acquired: 2/27/2019 16:38:36 Type: Unk
Method: P4-ICP2(v2894) 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	.00875	-.00354	.04528	.00310	-.00013	2.5426	.10541
Stddev	.00196	.00127	.00142	.00090	.00148	.0434	.00474
%RSD	22.423	35.922	3.1259	29.083	1138.3	1.7057	4.4960

#1	.01061	-.00432	.04451	.00206	-.00182	2.4926	.11009
#2	.00894	-.00423	.04691	.00358	.00050	2.5657	.10061
#3	.00670	-.00207	.04442	.00366	.00093	2.5695	.10554

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	-.00021	53.423	.00470	.00261	.02675	8.4360
Stddev	.00005	.00010	.375	.00035	.00022	.00066	.0378
%RSD	15.467	48.304	.70286	7.4510	8.3537	2.4832	.44809

#1	.00034	-.00015	53.855	.00445	.00279	.02601	8.4785
#2	.00032	-.00032	53.241	.00456	.00237	.02695	8.4060
#3	.00025	-.00015	53.173	.00510	.00266	.02729	8.4236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40123	18.618	.00784	-.00096	41.200	.00747	.20237
Stddev	.00039	.056	.00030	.00041	.250	.00040	.00039
%RSD	.09756	.30278	3.8660	42.727	.60567	5.3153	.19050

#1	.40079	18.625	.00779	-.00057	41.487	.00788	.20280
#2	.40151	18.559	.00817	-.00092	41.080	.00745	.20207
#3	.40141	18.671	.00757	-.00139	41.033	.00708	.20224

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4325	.00495	.13688	6.4249	F 10.026	.00191	.12801
Stddev	.0427	.00031	.00508	.0136	.046	.00042	.00473
%RSD	.57378	6.3061	3.7116	.21163	.46278	22.236	3.6917

#1	7.4680	.00484	.13889	6.4170	10.066	.00146	.12256
#2	7.4442	.00471	.13110	6.4171	9.9750	.00195	.13052
#3	7.3852	.00530	.14064	6.4406	10.036	.00231	.13095

Sample Name: K1570-04 Acquired: 2/27/2019 16:38:36 Type: Unk
 Method: P4-ICP2(v2894) 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	.01195	.3261	.19782	3.0413	F<.00000
Stddev	.00133	.0013	.00058	.1650	2.2207
%RSD	11.126	.4073	.29333	5.4265	3.9528

#1	.01145	.3272	.19843	3.0710	-56.857
#2	.01346	.3263	.19728	3.1895	-57.984
#3	.01095	.3246	.19774	2.8635	-53.700

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3048.3	43646.	3825.4	16.503	3140.4
Stddev	2.8	42.	17.2	1.838	6.2
%RSD	.09337	.09551	.45084	11.136	.19740

#1	3051.1	43694.	3805.5	14.661	3143.0
#2	3045.4	43621.	3835.6	18.337	3133.3
#3	3048.5	43622.	3835.0	16.512	3144.9

Sample Name: CCV05 Acquired: 2/27/2019 16:42:58 Type: Unk
Method: P4-ICP2(v2894) 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	5.1531	5.0965	5.0503	5.2231	5.2564	10.472	10.077
Stddev	.0280	.0165	.0117	.0447	.0370	.035	.008
%RSD	.54352	.32414	.23193	.85542	.70345	.33571	.08115

#1	5.1457	5.1116	5.0581	5.2168	5.2422	10.511	10.077
#2	5.1840	5.0991	5.0561	5.2706	5.2984	10.462	10.069
#3	5.1295	5.0788	5.0368	5.1819	5.2286	10.443	10.085

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25857	2.5103	25.771	1.0407	2.5403	1.3031	5.1619
Stddev	.00081	.0070	.105	.0009	.0071	.0088	.0321
%RSD	.31486	.28067	.40778	.08574	.27837	.67671	.62163

#1	.25827	2.5135	25.650	1.0397	2.5467	1.2993	5.1249
#2	.25796	2.5151	25.845	1.0408	2.5416	1.3132	5.1808
#3	.25950	2.5022	25.817	1.0415	2.5327	1.2968	5.1801

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6093	25.463	2.5297	1.3162	25.403	2.5697	2.5415
Stddev	.0025	.044	.0053	.0035	.240	.0054	.0076
%RSD	.09431	.17198	.21093	.26342	.94674	.21056	.29985

#1	2.6104	25.442	2.5343	1.3191	25.126	2.5736	2.5481
#2	2.6065	25.433	2.5308	1.3124	25.529	2.5636	2.5431
#3	2.6110	25.513	2.5238	1.3172	25.554	2.5720	2.5332

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.141	5.2232	5.0814	5.0609	5.0650	5.0370	5.1800
Stddev	.124	.0430	.0271	.0293	.0315	.0046	.0171
%RSD	.47502	.82348	.53352	.57950	.62213	.09135	.33114

#1	26.001	5.2110	5.0501	5.0285	5.0290	5.0415	5.1639
#2	26.187	5.2709	5.0966	5.0856	5.0875	5.0371	5.1781
#3	26.236	5.1875	5.0975	5.0688	5.0785	5.0323	5.1981

Sample Name: CCV05 Acquired: 2/27/2019 16:42:58 Type: Unk
 Method: P4-ICP2(v2894) 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	5.1516	5.102	5.2691	F 4.2822	F<.00000
Stddev	.0097	.006	.0028	.1267	1.8896
%RSD	.18885	.1247	.05343	2.9592	126.29
#1	5.1441	5.096	5.2659	4.3368	-3.2533
#2	5.1480	5.109	5.2711	4.3726	.50263
#3	5.1626	5.100	5.2704	4.1374	-1.7379
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2944.9	41903.	3661.6	16.315	2946.5
Stddev	23.5	96.	18.1	1.620	9.4
%RSD	.79945	.22942	.49417	9.9320	.31795
#1	2951.3	41812.	3682.2	16.070	2940.6
#2	2918.8	41893.	3648.1	14.830	2941.7
#3	2964.6	42004.	3654.5	18.043	2957.3

Sample Name: CCB05 Acquired: 2/27/2019 16:46:57 Type: Unk
Method: P4-ICP2(v2894) 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	-.00219	-.00082	-.00139	.00312	.00332	.00116	-.01018
Stddev	.00025	.00093	.00055	.00064	.00224	.00422	.00281
%RSD	11.257	113.24	39.805	20.398	67.427	362.28	27.570

#1	-.00197	.00015	-.00086	.00385	.00328	-.00361	-.00891
#2	-.00246	-.00090	-.00133	.00267	.00557	.00439	-.01340
#3	-.00216	-.00171	-.00196	.00284	.00110	.00270	-.00824

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00005	.01422	.00018	.00001	.00020	.00150
Stddev	.00005	.00009	.02252	.00047	.00014	.00018	.00133
%RSD	1848.4	175.01	158.44	264.15	2002.4	91.014	88.527

#1	.00001	.00013	-.00819	.00040	-.00016	-.00000	.00011
#2	.00004	.00009	.03686	-.00037	.00011	.00036	.00275
#3	-.00006	-.00005	.01398	.00050	.00007	.00025	.00164

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.01611	.00013	.00002	F .60923	-.00011	.00086
Stddev	.00004	.02996	.00030	.00046	.01137	.00081	.00022
%RSD	31.050	185.98	229.27	2433.7	1.8668	746.42	25.779

#1	.00009	-.04815	-.00020	.00055	.60696	-.00029	.00111
#2	.00015	-.01139	.00039	-.00023	.62157	.00078	.00072
#3	.00010	.01121	.00020	-.00026	.59917	-.00082	.00074

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48326	.00016	.02235	-.00184	.00731	-.00033	-.00130
Stddev	.04872	.00007	.00733	.01701	.00048	.00031	.00124
%RSD	10.081	45.468	32.794	926.60	6.5200	91.841	95.610

#1	.47666	.00008	.02831	-.00836	.00750	-.00012	-.00057
#2	.53494	.00020	.02456	-.01462	.00766	-.00020	-.00059
#3	.43817	.00020	.01416	.01747	.00677	-.00068	-.00273

Sample Name: CCB05 Acquired: 2/27/2019 16:46:57 Type: Unk
 Method: P4-ICP2(v2894) 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 .01572	.0006	.00023	F 3.0283	F<.00000
Stddev	.00089	.0007	.00014	.1853	4.3277
%RSD	5.6633	113.4	60.025	6.1174	225.37
#1	.01472	.0003	.00018	3.0179	2.7885
#2	.01644	.0014	.00012	2.8485	-2.8260
#3	.01601	.0001	.00039	3.2186	-5.7234
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3060.5	43950.	3664.3	18.114	3293.9
Stddev	4.6	188.	25.4	.898	5.0
%RSD	.14969	.42722	.69328	4.9554	.15293
#1	3057.5	43879.	3687.7	17.083	3288.1
#2	3065.8	44163.	3667.8	18.533	3296.1
#3	3058.3	43808.	3637.3	18.725	3297.5

Sample Name: K1570-05 Acquired: 2/27/2019 16:51:25 Type: Unk
Method: P4-ICP2(v2894) 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	.00999	-.00365	.04293	.00345	.00076	3.8791	.11759
Stddev	.00298	.00153	.00034	.00169	.00056	.0263	.00408
%RSD	29.789	41.890	.80216	48.943	73.934	.67800	3.4665

#1	.00789	-.00531	.04262	.00249	.00135	3.9072	.11598
#2	.01339	-.00333	.04330	.00246	.00023	3.8750	.12223
#3	.00868	-.00230	.04288	.00540	.00070	3.8551	.11456

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	-.00019	57.057	.00679	.00256	.02467	5.6952
Stddev	.00002	.00007	.430	.00050	.00016	.00026	.0411
%RSD	5.2702	34.596	.75388	7.3932	6.0548	1.0724	.72085

#1	.00038	-.00023	57.142	.00736	.00272	.02461	5.7308
#2	.00038	-.00023	56.591	.00657	.00241	.02444	5.6503
#3	.00035	-.00012	57.439	.00642	.00257	.02496	5.7046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39768	20.888	.00843	-.00077	37.630	.00862	.15774
Stddev	.00063	.024	.00021	.00042	.248	.00059	.00012
%RSD	.15755	.11293	2.4654	54.305	.65936	6.8742	.07477

#1	.39828	20.914	.00867	-.00034	37.726	.00851	.15783
#2	.39703	20.883	.00833	-.00118	37.348	.00809	.15778
#3	.39772	20.868	.00829	-.00080	37.815	.00926	.15761

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0800	.00622	.13336	6.0051	F 12.576	.00104	.18463
Stddev	.0582	.00012	.00457	.0169	.032	.00070	.00523
%RSD	.72006	1.8744	3.4305	.28210	.25682	67.148	2.8348

#1	8.0632	.00613	.12931	6.0246	12.594	.00080	.18200
#2	8.0320	.00618	.13245	5.9969	12.538	.00183	.19065
#3	8.1447	.00635	.13832	5.9938	12.595	.00050	.18123

Sample Name: K1570-05 Acquired: 2/27/2019 16:51:25 Type: Unk
 Method: P4-ICP2(v2894) 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	.01269	.3611	.21275	3.4021	F<.00000
Stddev	.00194	.0010	.00063	.1124	3.1817
%RSD	15.257	.2883	.29600	3.3051	10.432
#1	.01445	.3618	.21262	3.5315	-27.341
#2	.01062	.3615	.21220	3.3279	-30.450
#3	.01300	.3599	.21344	3.3471	-33.704
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3048.3	43312.	3830.9	17.401	3136.0
Stddev	11.6	112.	32.5	1.317	11.4
%RSD	.37996	.25799	.84938	7.5658	.36327
#1	3061.6	43228.	3816.1	18.384	3146.6
#2	3043.4	43439.	3868.2	17.915	3137.5
#3	3040.0	43269.	3808.4	15.905	3123.9

Sample Name: K1570-05DUP Acquired: 2/27/2019 16:55:48 Type: Unk
Method: P4-ICP2(v2894) 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	.00836	-.00349	.04249	.00525	.00096	3.5927	.11618
Stddev	.00218	.00187	.00089	.00165	.00064	.0088	.00311
%RSD	26.094	53.685	2.1032	31.514	66.810	.24389	2.6805

#1	.01078	-.00133	.04147	.00463	.00083	3.6017	.11542
#2	.00654	-.00442	.04285	.00712	.00039	3.5842	.11961
#3	.00777	-.00472	.04315	.00400	.00165	3.5922	.11352

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	-.00021	57.127	.00625	.00263	.02433	5.6905
Stddev	.00001	.00009	.332	.00044	.00003	.00043	.0409
%RSD	3.0886	42.691	.58032	6.9893	1.0002	1.7643	.71936

#1	.00035	-.00030	57.433	.00583	.00261	.02407	5.6906
#2	.00033	-.00020	57.173	.00622	.00263	.02410	5.7314
#3	.00034	-.00012	56.775	.00671	.00266	.02482	5.6496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39685	20.845	.00843	-.00090	37.792	.00899	.15716
Stddev	.00092	.107	.00008	.00063	.290	.00074	.00039
%RSD	.23122	.51367	.97897	69.981	.76618	8.2532	.24668

#1	.39596	20.856	.00852	-.00019	38.081	.00862	.15677
#2	.39780	20.733	.00838	-.00113	37.794	.00985	.15755
#3	.39680	20.946	.00838	-.00138	37.501	.00852	.15715

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0545	.00621	.13388	6.0449	F 12.292	.00090	.17679
Stddev	.0122	.00017	.00247	.0277	.047	.00099	.00366
%RSD	.15174	2.7017	1.8472	.45847	.38407	109.31	2.0729

#1	8.0674	.00623	.13136	6.0768	12.328	.00175	.18095
#2	8.0431	.00637	.13399	6.0312	12.309	.00114	.17404
#3	8.0530	.00604	.13630	6.0267	12.238	-.00018	.17537

Sample Name: K1570-05DUP Acquired: 2/27/2019 16:55:48 Type: Unk
Method: P4-ICP2(v2894) 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	.01268	.3594	.21296	3.2591	F<.00000
Stddev	.00178	.0014	.00052	.0558	2.8875
%RSD	14.014	.3902	.24386	1.7115	9.1343
#1	.01134	.3578	.21353	3.1958	-28.653
#2	.01201	.3605	.21285	3.2808	-34.423
#3	.01470	.3599	.21251	3.3008	-31.758
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3028.5	43276.	3797.8	17.750	3116.1
Stddev	2.6	136.	20.7	.947	4.4
%RSD	.08732	.31329	.54608	5.3342	.14204
#1	3030.6	43427.	3781.2	17.234	3115.7
#2	3029.4	43165.	3791.1	17.174	3111.9
#3	3025.5	43236.	3821.0	18.843	3120.8

Sample Name: K1570-05LX5 Acquired: 2/27/2019 17:00:10 Type: Unk
Method: P4-ICP2(v2894) 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	.00208	-.00097	.00817	.00274	-.00154	.70570	.00930
Stddev	.00328	.00261	.00068	.00165	.00114	.01635	.00353
%RSD	158.22	269.26	8.3475	60.033	74.063	2.3172	37.900

#1	.00566	-.00131	.00739	.00258	-.00278	.71229	.00523
#2	.00135	-.00339	.00862	.00118	-.00054	.71773	.01138
#3	-.00079	.00179	.00851	.00446	-.00130	.68708	.01130

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00001	12.376	.00144	.00081	.00488	1.2473
Stddev	.00005	.00002	.062	.00043	.00015	.00080	.0081
%RSD	32.816	237.34	.49864	29.742	18.067	16.402	.65329

#1	.00023	.00000	12.413	.00101	.00077	.00541	1.2512
#2	.00012	-.00003	12.305	.00187	.00097	.00527	1.2379
#3	.00015	.00000	12.410	.00145	.00069	.00396	1.2527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08730	4.5183	.00195	-.00040	8.1385	.00152	.03235
Stddev	.00047	.0197	.00023	.00022	.0719	.00038	.00006
%RSD	.53413	.43501	11.650	55.100	.88348	25.261	.18427

#1	.08713	4.4960	.00188	-.00016	8.2063	.00121	.03239
#2	.08694	4.5330	.00177	-.00045	8.1462	.00194	.03238
#3	.08783	4.5259	.00220	-.00060	8.0631	.00139	.03228

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0028	.00100	.03118	1.2199	2.6454	.00004	.03787
Stddev	.0425	.00006	.01280	.0071	.0119	.00087	.00101
%RSD	2.1194	6.3002	41.043	.58469	.44896	2341.9	2.6562

#1	1.9894	.00107	.02483	1.2196	2.6562	.00101	.03896
#2	2.0503	.00097	.04590	1.2130	2.6327	-.00065	.03767
#3	1.9686	.00096	.02280	1.2272	2.6474	-.00025	.03698

Sample Name: K1570-05LX5 Acquired: 2/27/2019 17:00:10 Type: Unk
Method: P4-ICP2(v2894) 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	.01058	.0724	.04577	3.1330	F<.00000
Stddev	.00223	.0004	.00012	.1283	3.0402
%RSD	21.083	.5789	.26537	4.0945	85.463

#1	.00803	.0725	.04591	3.1606	-4.9818
#2	.01220	.0728	.04570	3.2452	-5.6237
#3	.01150	.0720	.04570	2.9932	-.06644

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3049.4	43285.	3694.9	17.418	3209.4
Stddev	12.6	105.	25.1	1.614	12.0
%RSD	.41236	.24350	.67843	9.2673	.37267

#1	3048.8	43247.	3666.4	16.414	3207.6
#2	3062.2	43204.	3713.5	19.280	3222.2
#3	3037.1	43404.	3704.7	16.560	3198.5

Sample Name: K1570-05A Acquired: 2/27/2019 17:04:34 Type: Unk
Method: P4-ICP2(v2894) 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	.92209	2.2290	1.1235	2.3104	.96954	6.0780	.34488
Stddev	.00343	.0099	.0027	.0113	.00310	.0824	.00060
%RSD	.37158	.44613	.24042	.48724	.32004	1.3557	.17418

#1	.92370	2.2272	1.1264	2.3224	.97161	5.9829	.34554
#2	.92442	2.2397	1.1210	2.3088	.97104	6.1222	.34475
#3	.91816	2.2201	1.1231	2.3000	.96597	6.1288	.34436

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23447	.21633	57.424	.46998	.22681	.37496	8.9055
Stddev	.00076	.00036	.145	.00060	.00050	.00117	.0356
%RSD	.32515	.16588	.25236	.12796	.22016	.31232	.39931

#1	.23367	.21670	57.503	.46932	.22739	.37594	8.9415
#2	.23456	.21632	57.257	.47012	.22646	.37528	8.8704
#3	.23519	.21599	57.513	.47050	.22660	.37367	8.9046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61320	22.767	.56155	.08235	40.597	.35602	.46418
Stddev	.00191	.079	.00129	.00082	.212	.00251	.00030
%RSD	.31151	.34894	.22914	1.0015	.52252	.70491	.06529

#1	.61121	22.700	.56230	.08222	40.842	.35399	.46425
#2	.61337	22.747	.56007	.08159	40.481	.35524	.46445
#3	.61502	22.855	.56229	.08323	40.467	.35882	.46386

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.353	.48292	.45565	5.8764	F 13.492	.78715	.41089
Stddev	.101	.00126	.00678	.0187	.091	.00154	.00277
%RSD	.52183	.26040	1.4887	.31868	.67161	.19565	.67523

#1	19.459	.48395	.45005	5.8549	13.581	.78883	.41201
#2	19.341	.48330	.45371	5.8890	13.400	.78682	.40772
#3	19.258	.48152	.46319	5.8854	13.495	.78581	.41292

Sample Name: K1570-05A Acquired: 2/27/2019 17:04:34 Type: Unk
 Method: P4-ICP2(v2894) 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	.26027	7.010	.43406	3.7546	F<.00000
Stddev	.00118	.009	.00132	.0215	2.1005
%RSD	.45489	.1248	.30485	.57232	2.4132
#1	.26151	7.012	.43521	3.7747	-84.739
#2	.26014	7.017	.43262	3.7571	-88.853
#3	.25915	7.000	.43435	3.7319	-87.533
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3015.4	43147.	3727.9	17.257	3096.7
Stddev	14.6	160.	27.7	.923	5.6
%RSD	.48387	.37139	.74379	5.3471	.17934
#1	3004.5	43326.	3698.0	16.487	3095.1
#2	3009.7	43017.	3752.8	18.280	3092.1
#3	3032.0	43098.	3732.7	17.004	3102.9

Sample Name: K1570-05MSD Acquired: 2/27/2019 17:09:24 Type: Unk
Method: P4-ICP2(v2894) 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	.71495	1.7229	.88091	1.7837	.75401	5.9075	.30234
Stddev	.00207	.0070	.00194	.0020	.00170	.0029	.00624
%RSD	.28914	.40830	.22030	.11240	.22545	.04968	2.0648

#1	.71678	1.7294	.88311	1.7842	.75425	5.9102	.30721
#2	.71271	1.7155	.88021	1.7854	.75221	5.9078	.29530
#3	.71535	1.7238	.87942	1.7815	.75558	5.9044	.30450

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18186	.16769	58.036	.36681	.17618	.29592	8.4003
Stddev	.00063	.00050	.361	.00220	.00014	.00151	.0937
%RSD	.34551	.29939	.62167	.60074	.08204	.51110	1.1159

#1	.18251	.16820	58.084	.36735	.17632	.29761	8.4563
#2	.18181	.16767	57.654	.36439	.17619	.29547	8.2921
#3	.18126	.16720	58.370	.36870	.17603	.29469	8.4526

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56965	22.499	.43803	.06519	40.713	.27936	.39716
Stddev	.00115	.029	.00027	.00079	.193	.00242	.00040
%RSD	.20222	.12948	.06094	1.2149	.47290	.86784	.10077

#1	.57085	22.533	.43812	.06544	40.789	.28092	.39706
#2	.56856	22.480	.43824	.06431	40.494	.27657	.39760
#3	.56953	22.484	.43773	.06583	40.855	.28060	.39682

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.113	.37619	.39407	5.9466	F 14.064	.61263	.37323
Stddev	.202	.00111	.00856	.0127	.139	.00397	.01320
%RSD	1.1788	.29573	2.1722	.21348	.98539	.64849	3.5367

#1	17.261	.37580	.39280	5.9606	14.125	.61696	.38844
#2	16.883	.37533	.38621	5.9433	13.905	.61180	.36648
#3	17.196	.37745	.40319	5.9358	14.161	.60914	.36477

Sample Name: K1570-05MSD Acquired: 2/27/2019 17:09:24 Type: Unk
Method: P4-ICP2(v2894) 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	.20547	5.526	.38756	3.7522	F<.00000
Stddev	.00190	.005	.00097	.2077	1.9358
%RSD	.92541	.0972	.25152	5.5360	2.5332
#1	.20472	5.520	.38752	3.6241	-78.309
#2	.20763	5.527	.38660	3.6406	-76.501
#3	.20405	5.530	.38855	3.9918	-74.440
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2998.5	42635.	3689.5	17.846	3068.3
Stddev	7.2	43.	24.0	1.320	4.7
%RSD	.23933	.10193	.64981	7.3980	.15251
#1	2992.5	42683.	3683.3	17.553	3064.2
#2	3006.5	42622.	3716.0	19.288	3073.4
#3	2996.6	42599.	3669.2	16.697	3067.3

Sample Name: K1570-05MS Acquired: 2/27/2019 17:13:29 Type: Unk
Method: P4-ICP2(v2894) 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	.70740	1.7115	.87356	1.7732	.75057	5.8451	.29627
Stddev	.00202	.0056	.00165	.0084	.00299	.0365	.00143
%RSD	.28608	.32607	.18876	.47653	.39832	.62461	.48392

#1	.70620	1.7058	.87542	1.7698	.75292	5.8872	.29534
#2	.70626	1.7170	.87302	1.7670	.74720	5.8213	.29792
#3	.70974	1.7117	.87225	1.7828	.75159	5.8270	.29556

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18021	.16586	57.230	.36420	.17475	.29368	8.2775
Stddev	.00073	.00050	.245	.00134	.00019	.00046	.0434
%RSD	.40283	.30344	.42783	.36858	.10779	.15800	.52468

#1	.18081	.16625	56.972	.36381	.17497	.29414	8.2740
#2	.17941	.16603	57.459	.36569	.17463	.29368	8.3226
#3	.18043	.16529	57.260	.36309	.17466	.29321	8.2359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56449	22.285	.43316	.06501	39.900	.27526	.39335
Stddev	.00063	.090	.00076	.00064	.235	.00020	.00015
%RSD	.11225	.40327	.17541	.99194	.58860	.07355	.03701

#1	.56522	22.188	.43341	.06541	39.997	.27503	.39329
#2	.56409	22.365	.43231	.06536	40.070	.27538	.39351
#3	.56416	22.301	.43376	.06427	39.632	.27538	.39323

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.791	.37366	.38313	5.9370	F 13.776	.60642	.36096
Stddev	.070	.00029	.00920	.0244	.106	.00264	.00257
%RSD	.41665	.07871	2.4006	.41112	.77090	.43562	.71174

#1	16.797	.37334	.38297	5.9098	13.763	.60352	.36203
#2	16.858	.37374	.39241	5.9569	13.888	.60869	.36282
#3	16.718	.37391	.37401	5.9444	13.677	.60705	.35803

Sample Name: K1570-05MS Acquired: 2/27/2019 17:13:29 Type: Unk
Method: P4-ICP2(v2894) 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	.19752	5.466	.38354	3.7470	F<.00000
Stddev	.00263	.021	.00196	.0558	4.2204
%RSD	1.3323	.3843	.51124	1.4898	5.4729

#1	.19449	5.442	.38343	3.7767	-79.348
#2	.19877	5.476	.38554	3.6826	-72.247
#3	.19929	5.479	.38163	3.7816	-79.749

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3015.8	42967.	3734.3	16.449	3093.2
Stddev	4.4	59.	27.4	1.282	4.4
%RSD	.14524	.13638	.73248	7.7947	.14351

#1	3020.5	42945.	3751.2	17.094	3097.2
#2	3011.8	42923.	3702.8	14.972	3088.4
#3	3015.1	43034.	3749.0	17.280	3094.0

Sample Name: K1597-31 Acquired: 2/27/2019 17:17:36 Type: Unk
Method: P4-ICP2(v2894) 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	.00796	-.01613	.02379	.00915	-.01051	25.575	.55015
Stddev	.00149	.00234	.00087	.00271	.00131	.053	.00726
%RSD	18.713	14.480	3.6412	29.610	12.426	.20690	1.3191

#1	.00802	-.01345	.02427	.01213	-.00913	25.577	.55711
#2	.00644	-.01726	.02432	.00684	-.01173	25.627	.55071
#3	.00941	-.01770	.02279	.00847	-.01067	25.521	.54262

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00315	-.00303	19.034	.05378	.03156	.05323	74.004
Stddev	.00001	.00020	.120	.00052	.00008	.00057	.700
%RSD	.44608	6.5836	.63225	.96194	.23934	1.0761	.94532

#1	.00316	-.00326	19.173	.05321	.03159	.05383	74.796
#2	.00315	-.00290	18.971	.05422	.03148	.05316	73.744
#3	.00313	-.00292	18.959	.05392	.03163	.05269	73.471

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5804	9.0399	.05946	-.00389	1.4779	.08841	.12629
Stddev	.0009	.0348	.00045	.00027	.0104	.00096	.00058
%RSD	.02465	.38505	.75883	6.8708	.70506	1.0843	.45620

#1	3.5801	9.0595	.05998	-.00385	1.4703	.08932	.12611
#2	3.5796	9.0605	.05917	-.00417	1.4898	.08741	.12693
#3	3.5813	8.9997	.05924	-.00364	1.4736	.08850	.12582

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0717	.00096	.06091	.04635	1.8792	.00413	.75910
Stddev	.0247	.00036	.00622	.00866	.0226	.00019	.00355
%RSD	.60736	37.661	10.218	18.689	1.2020	4.6401	.46791

#1	4.0757	.00128	.06071	.04630	1.9038	.00428	.75563
#2	4.0452	.00102	.06723	.05504	1.8746	.00391	.76273
#3	4.0941	.00057	.05479	.03772	1.8593	.00420	.75895

Sample Name: K1597-31 Acquired: 2/27/2019 17:17:36 Type: Unk
 Method: P4-ICP2(v2894) 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	.03134	5.736	-.01738	1.1293	F<.00000
Stddev	.00265	.021	.00091	.1633	5.6578
%RSD	8.4488	.3731	5.2261	14.460	.80535
#1	.02978	5.741	-.01843	1.1841	-702.25
#2	.02985	5.754	-.01694	1.2582	-697.03
#3	.03440	5.713	-.01678	.94568	-708.33
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3292.7	47530.	4102.0	17.025	3136.6
Stddev	9.2	54.	41.7	.935	27.9
%RSD	.27896	.11399	1.0167	5.4893	.89037
#1	3282.5	47475.	4055.7	18.092	3167.9
#2	3295.4	47533.	4113.8	16.633	3114.3
#3	3300.2	47583.	4136.6	16.350	3127.4

Sample Name: K1597-34 Acquired: 2/27/2019 17:21:54 Type: Unk
Method: P4-ICP2(v2894) 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	.00766	-.03346	.10924	.00795	-.02094	101.36	1.5332
Stddev	.00150	.00210	.00254	.00242	.00160	.12	.0051
%RSD	19.600	6.2673	2.3236	30.475	7.6409	.11452	.33006

#1	.00785	-.03195	.11080	.01058	-.01916	101.24	1.5354
#2	.00906	-.03258	.11060	.00745	-.02143	101.36	1.5368
#3	.00608	-.03586	.10631	.00581	-.02224	101.47	1.5274

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00910	-.00359	40.490	.22109	.09903	.26856	154.32
Stddev	.00008	.00004	.366	.00014	.00043	.00105	.70
%RSD	.91299	1.1295	.90414	.06237	.43631	.38995	.45392

#1	.00907	-.00358	40.114	.22096	.09929	.26803	154.10
#2	.00904	-.00355	40.846	.22107	.09853	.26977	155.11
#3	.00920	-.00363	40.509	.22124	.09928	.26788	153.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4273	35.934	.19437	-.01057	1.6292	.24114	.65803
Stddev	.0014	.213	.00029	.00024	.0037	.00069	.00312
%RSD	.05933	.59237	.14742	2.3141	.22706	.28817	.47343

#1	2.4269	36.180	.19440	-.01053	1.6258	.24089	.66096
#2	2.4289	35.819	.19465	-.01034	1.6286	.24193	.65476
#3	2.4262	35.803	.19407	-.01083	1.6332	.24061	.65837

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.438	-.00005	.08598	.31051	2.2361	.01199	1.7248
Stddev	.047	.00051	.00591	.04118	.0161	.00026	.0080
%RSD	.45384	1015.1	6.8691	13.262	.71860	2.1921	.46281

#1	10.492	-.00029	.08712	.32707	2.2470	.01225	1.7163
#2	10.420	-.00039	.07959	.26363	2.2438	.01200	1.7260
#3	10.403	.00053	.09123	.34083	2.2177	.01172	1.7321

Sample Name: K1597-34 Acquired: 2/27/2019 17:21:54 Type: Unk
 Method: P4-ICP2(v2894) 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	.15779	9.761	-.00862	<.00000	F<.00000
Stddev	.00151	.026	.00082	.12491	14.074
%RSD	.95815	.2626	9.5151	7.4782	.77490
#1	.15730	9.733	-.00874	-1.7676	-1831.8
#2	.15659	9.784	-.00937	-1.5295	-1804.4
#3	.15949	9.766	-.00774	-1.7140	-1812.4
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3575.1	51138.	4532.1	16.805	2934.2
Stddev	10.8	37.	17.0	1.852	14.5
%RSD	.30274	.07328	.37571	11.019	.49390
#1	3567.3	51103.	4530.0	18.842	2917.6
#2	3570.6	51135.	4516.2	16.347	2941.1
#3	3587.5	51178.	4550.1	15.225	2944.0

Sample Name: K1597-38 Acquired: 2/27/2019 17:26:21 Type: Unk
 Method: P4-ICP2(v2894) 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	.00449	-.03137	.13127	.00755	-.02492	95.755	1.2944
Stddev	.00244	.00195	.00118	.00159	.00085	.533	.0103
%RSD	54.377	6.2101	.89805	21.029	3.4105	.55674	.79854

#1	.00414	-.03074	.12992	.00644	-.02407	95.282	1.2982
#2	.00225	-.03356	.13180	.00685	-.02577	96.333	1.3024
#3	.00709	-.02982	.13209	.00937	-.02493	95.650	1.2828

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01022	-.00364	37.576	.20656	.12535	.36109	173.24
Stddev	.00045	.00017	.128	.00161	.00069	.00112	1.23
%RSD	4.4353	4.5695	.33982	.77784	.54729	.30989	.70996

#1	.01074	-.00376	37.688	.20808	.12612	.36114	174.63
#2	.00999	-.00371	37.603	.20672	.12515	.35995	172.77
#3	.00992	-.00345	37.437	.20488	.12479	.36218	172.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3424	38.679	.24018	-.01223	3.9079	.21638	.62597
Stddev	.0036	.207	.00048	.00008	.0056	.00110	.00123
%RSD	.27103	.53519	.20011	.61864	.14393	.50935	.19596

#1	1.3387	38.675	.23967	-.01216	3.9017	.21537	.62572
#2	1.3460	38.888	.24063	-.01222	3.9128	.21756	.62730
#3	1.3425	38.474	.24025	-.01231	3.9091	.21622	.62489

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.295	-.00035	.09373	.37030	1.4622	.01330	1.6545
Stddev	.054	.00038	.00479	.01597	.0125	.00100	.0085
%RSD	.52255	107.61	5.1133	4.3118	.85734	7.5151	.51594

#1	10.242	-.00024	.09783	.37392	1.4663	.01268	1.6640
#2	10.350	-.00005	.08846	.38415	1.4722	.01277	1.6473
#3	10.292	-.00078	.09490	.35284	1.4481	.01445	1.6524

Sample Name: K1597-38 Acquired: 2/27/2019 17:26:21 Type: Unk
Method: P4-ICP2(v2894) 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	.17063	9.423	-.02956	<.00000	F<.00000
Stddev	.00176	.037	.00134	.16972	20.014
%RSD	1.0330	.3900	4.5228	7.3708	.96578

#1	.16895	9.440	-.03110	-2.4165	-2091.4
#2	.17246	9.381	-.02870	-2.3838	-2051.5
#3	.17047	9.448	-.02887	-2.1075	-2074.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3580.8	51347.	4552.5	16.961	2927.2
Stddev	2.8	142.	12.5	1.030	9.7
%RSD	.07745	.27595	.27442	6.0714	.33033

#1	3582.5	51501.	4539.4	16.480	2928.6
#2	3577.6	51223.	4553.9	16.260	2916.8
#3	3582.3	51316.	4564.2	18.143	2936.0

Sample Name: K1597-39 Acquired: 2/27/2019 17:30:47 Type: Unk
Method: P4-ICP2(v2894) 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	.02175	-.09940	.61447	-.00222	-.03598	113.03	.50857
Stddev	.00312	.00234	.00083	.00510	.00080	.76	.01081
%RSD	14.362	2.3556	.13553	229.24	2.2112	.66814	2.1251

#1	.02513	-.09679	.61447	.00200	-.03530	112.39	.51104
#2	.02113	-.10133	.61531	-.00078	-.03578	112.83	.51793
#3	.01898	-.10006	.61364	-.00789	-.03685	113.86	.49674

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01029	.01238	580.46	.16355	.11003	.45422	243.98
Stddev	.00013	.00042	7.10	.00116	.00025	.00373	5.60
%RSD	1.2405	3.3831	1.2226	.70678	.22733	.82072	2.2942

#1	.01043	.01224	583.22	.16358	.10974	.45435	247.48
#2	.01027	.01205	585.75	.16238	.11016	.45042	246.93
#3	.01017	.01285	572.39	.16469	.11018	.45787	237.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5397	225.17	.30903	-.02924	7.4810	.73177	1.4108
Stddev	.0086	3.08	.00021	.00024	.0950	.00179	.0056
%RSD	.24209	1.3662	.06938	.81631	1.2704	.24400	.39466

#1	3.5411	226.41	.30886	-.02915	7.4903	.73126	1.4138
#2	3.5475	227.44	.30927	-.02905	7.5711	.73375	1.4044
#3	3.5305	221.67	.30897	-.02950	7.3817	.73029	1.4143

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.124	.02494	.09980	F 19.293	1.6474	.03474	5.3764
Stddev	.132	.00032	.00676	.097	.0303	.00090	.0193
%RSD	1.1907	1.3021	6.7717	.50278	1.8369	2.6021	.35865

#1	11.159	.02502	.09919	19.199	1.6691	.03370	5.3697
#2	11.236	.02459	.10685	19.287	1.6604	.03528	5.3981
#3	10.978	.02522	.09337	19.393	1.6129	.03524	5.3613

Sample Name: K1597-39 Acquired: 2/27/2019 17:30:47 Type: Unk
Method: P4-ICP2(v2894) 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	.22316	9.848	1.4100	<.00000	F<.00000
Stddev	.00117	.007	.0144	.07023	10.632
%RSD	.52422	.0681	1.0197	42.161	.32902
#1	.22428	9.849	1.4121	-.09336	-3221.2
#2	.22325	9.841	1.4232	-.23338	-3230.7
#3	.22195	9.854	1.3947	-.17298	-3242.4
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3157.9	45138.	4249.1	15.148	2471.5
Stddev	13.7	125.	85.4	1.538	7.4
%RSD	.43374	.27710	2.0088	10.152	.30109
#1	3144.0	44994.	4196.0	13.438	2464.7
#2	3171.4	45204.	4203.8	16.416	2479.5
#3	3158.4	45217.	4347.6	15.592	2470.5

Sample Name: CCV06 Acquired: 2/27/2019 17:35:11 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7972 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1682	5.1775	5.1181	5.2577	5.2760	10.647	10.209	.26276
Stddev	.0190	.0279	.0250	.0304	.0170	.011	.074	.00031
%RSD	.36849	.53795	.48937	.57818	.32213	.10795	.72073	.11938
#1	5.1849	5.2059	5.1422	5.2925	5.2916	10.638	10.287	.26269
#2	5.1475	5.1502	5.0922	5.2361	5.2579	10.643	10.202	.26311
#3	5.1724	5.1763	5.1200	5.2446	5.2785	10.660	10.140	.26249
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5494	26.313	1.0641	2.5800	1.3167	5.2929	2.6524	25.842
Stddev	.0103	.049	.0013	.0093	.0055	.0501	.0022	.115
%RSD	.40554	.18483	.12156	.36152	.41679	.94585	.08431	.44371
#1	2.5597	26.347	1.0630	2.5895	1.3225	5.3243	2.6527	25.917
#2	2.5390	26.335	1.0639	2.5708	1.3116	5.3193	2.6545	25.899
#3	2.5496	26.257	1.0655	2.5797	1.3161	5.2352	2.6501	25.710
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5800	1.3467	25.459	2.6102	2.5860	26.362	5.2464	5.1395
Stddev	.0134	.0035	.200	.0044	.0095	.221	.0237	.0487
%RSD	.52013	.25877	.78707	.16913	.36754	.83642	.45231	.94759
#1	2.5927	1.3431	25.598	2.6140	2.5965	26.552	5.2649	5.1509
#2	2.5660	1.3500	25.550	2.6113	2.5780	26.413	5.2196	5.1814
#3	2.5812	1.3469	25.229	2.6054	2.5835	26.120	5.2546	5.0860
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1381	5.1700	5.1136	5.2512	5.2118	5.177	5.3406	F 4.4909
Stddev	.0273	.0562	.0213	.0240	.0411	.017	.0363	.0761
%RSD	.53075	1.0873	.41613	.45786	.78775	.3191	.67996	1.6938
#1	5.1684	5.2103	5.1343	5.2749	5.2532	5.193	5.3790	4.4868
#2	5.1305	5.1940	5.0918	5.2518	5.2112	5.160	5.3361	4.5690
#3	5.1154	5.1058	5.1149	5.2268	5.1711	5.179	5.3068	4.4170

Sample Name: CCV06 Acquired: 2/27/2019 17:35:11 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7972 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .77034
Stddev 5.1351
%RSD 666.60

#1 5.6843
#2 1.1872
#3 -4.5605

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2955.3	41472.	3631.4	16.298	2932.4
Stddev	16.0	20.	34.0	.556	14.9
%RSD	.54101	.04751	.93533	3.4088	.50961

#1	2943.9	41450.	3602.9	16.818	2917.9
#2	2973.6	41488.	3622.3	15.712	2947.7
#3	2948.5	41477.	3669.0	16.363	2931.5

Sample Name: CCB06 Acquired: 2/27/2019 17:39:11 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7972 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00133	-.00211	-.00047	.00139	-.00482	-.01090
Stddev	.00205	.00115	.00065	.00151	.00096	.01930	.00541
%RSD	3340.9	86.402	30.680	319.39	69.177	400.33	49.659

#1	-.00074	-.00053	-.00285	-.00088	.00232	.00027	-.01592
#2	.00225	-.00081	-.00188	-.00174	.00145	.01142	-.00517
#3	-.00169	-.00264	-.00161	.00120	.00040	-.02615	-.01159

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00008	.01333	.00013	-.00013	.00041	.00223
Stddev	.00006	.00005	.00561	.00025	.00020	.00029	.00064
%RSD	38.182	63.917	42.127	184.75	154.53	71.447	28.746

#1	.00016	.00011	.01891	.00016	-.00036	.00024	.00231
#2	.00009	.00010	.01339	.00037	.00004	.00075	.00282
#3	.00021	.00002	.00768	-.00012	-.00007	.00024	.00155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.03260	.00076	-.00021	.01875	.00038	.00035
Stddev	.00007	.05838	.00007	.00068	.00302	.00031	.00011
%RSD	48.417	179.09	9.7063	317.51	16.085	80.674	32.620

#1	.00021	-.04770	.00079	.00026	.01624	.00010	.00023
#2	.00007	.03185	.00082	.00010	.02210	.00033	.00036
#3	.00016	-.08193	.00068	-.00100	.01791	.00071	.00045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25057	-.00004	.00912	F .01033	.00187	-.00096	-.00014
Stddev	.01930	.00035	.00278	.00675	.00297	.00064	.00201
%RSD	7.7014	992.10	30.488	65.362	158.57	66.010	1425.6

#1	.25591	-.00043	.01126	.00361	.00367	-.00023	.00153
#2	.22917	.00006	.01013	.01027	-.00155	-.00130	.00041
#3	.26664	.00026	.00598	.01712	.00349	-.00136	-.00236

Sample Name: CCB06 Acquired: 2/27/2019 17:39:11 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7972 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00523	.0002	.00028	F 2.8186	F<.00000
Stddev	.00209	.0008	.00006	.0578	3.5331
%RSD	39.935	403.8	22.216	2.0510	153.47

#1	.00302	-.0007	.00035	2.8489	-4.3490
#2	.00718	.0006	.00023	2.8550	1.7775
#3	.00550	.0007	.00025	2.7520	-4.3350

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3097.0	43750.	3644.8	16.367	3317.0
Stddev	16.9	160.	37.4	.813	17.3
%RSD	.54622	.36672	1.0269	4.9661	.52221

#1	3081.5	43931.	3606.9	17.167	3306.7
#2	3094.3	43626.	3681.8	16.392	3307.3
#3	3115.0	43693.	3645.6	15.542	3337.0

Sample Name: K1597-40 Acquired: 2/27/2019 17:43:38 Type: Unk
Method: P4-ICP2(v2894) 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	.01654	-.02394	.42519	.01806	-.02269	142.50	1.2438
Stddev	.00160	.00269	.00239	.00399	.00102	.11	.0025
%RSD	9.6738	11.229	.56215	22.094	4.4791	.07450	.19811

#1	.01634	-.02164	.42298	.01462	-.02287	142.60	1.2465
#2	.01823	-.02328	.42773	.02244	-.02360	142.39	1.2434
#3	.01505	-.02689	.42487	.01713	-.02159	142.51	1.2416

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01006	-.00366	28.453	.19509	.10749	.42650	162.70
Stddev	.00014	.00010	.096	.00057	.00037	.00069	.58
%RSD	1.4080	2.6132	.33650	.29062	.34774	.16253	.35913

#1	.01001	-.00377	28.382	.19522	.10734	.42580	162.37
#2	.00995	-.00362	28.416	.19448	.10791	.42652	163.38
#3	.01022	-.00359	28.562	.19559	.10721	.42719	162.36

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8398	30.105	.20075	-.01098	1.3696	.31940	.64423
Stddev	.0005	.183	.00072	.00046	.0148	.00157	.00186
%RSD	.01661	.60862	.35990	4.1465	1.0788	.49032	.28920

#1	2.8397	30.067	.19997	-.01148	1.3744	.32117	.64593
#2	2.8394	29.944	.20140	-.01084	1.3530	.31820	.64452
#3	2.8403	30.304	.20089	-.01061	1.3814	.31884	.64224

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5766	.00423	.09156	6.6233	1.8467	.02314	1.2571
Stddev	.0342	.00045	.00966	.0356	.0077	.00066	.0022
%RSD	.39815	10.680	10.549	.53787	.41598	2.8686	.17644

#1	8.5629	.00376	.10115	6.6551	1.8450	.02280	1.2565
#2	8.5515	.00425	.08184	6.5848	1.8400	.02391	1.2596
#3	8.6155	.00467	.09168	6.6300	1.8550	.02272	1.2553

Sample Name: K1597-40 Acquired: 2/27/2019 17:43:38 Type: Unk
 Method: P4-ICP2(v2894) 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	.16827	8.641	.01922	<.00000	F<.00000
Stddev	.00050	.012	.00061	.04000	2.9236
%RSD	.29922	.1406	3.1790	2.8449	.15403
#1	.16857	8.629	.01927	-1.4521	-1896.9
#2	.16855	8.653	.01858	-1.3786	-1896.0
#3	.16769	8.640	.01980	-1.3878	-1901.4
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3495.4	49693.	4452.9	17.722	2958.3
Stddev	8.1	71.	15.2	.370	8.0
%RSD	.23122	.14234	.34157	2.0889	.26894
#1	3486.6	49662.	4466.0	17.424	2949.9
#2	3502.4	49642.	4456.5	18.136	2959.2
#3	3497.4	49773.	4436.2	17.605	2965.7

Sample Name: K1613-01 Acquired: 2/27/2019 17:48:07 Type: Unk
Method: P4-ICP2(v2894) 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	.03230	-.01093	1.0127	.01258	-.01807	127.46	.71369
Stddev	.00057	.00235	.0017	.00209	.00186	.34	.00922
%RSD	1.7539	21.528	.16269	16.630	10.312	.26681	1.2914

#1	.03166	-.01355	1.0122	.01086	-.01639	127.45	.70583
#2	.03272	-.00899	1.0145	.01197	-.02008	127.12	.71140
#3	.03253	-.01026	1.0113	.01491	-.01775	127.80	.72383

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00564	-.00187	96.644	.22812	.02242	.28555	139.18
Stddev	.00021	.00021	.853	.00118	.00010	.00030	1.30
%RSD	3.7946	11.464	.88296	.51813	.46308	.10454	.93561

#1	.00541	-.00167	95.692	.22753	.02253	.28556	137.69
#2	.00567	-.00185	96.896	.22948	.02239	.28525	140.07
#3	.00583	-.00210	97.342	.22735	.02233	.28585	139.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0484	15.425	.06318	-.00878	.54402	.25572	1.1586
Stddev	.0004	.099	.00024	.00024	.00952	.00132	.0063
%RSD	.03757	.64355	.37782	2.7241	1.7500	.51692	.54588

#1	1.0482	15.311	.06326	-.00900	.55453	.25426	1.1529
#2	1.0482	15.477	.06337	-.00881	.53597	.25606	1.1654
#3	1.0489	15.488	.06291	-.00852	.54156	.25684	1.1575

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8809	.00839	.08809	4.0828	2.4716	.04408	.69318
Stddev	.0809	.00050	.00290	.0567	.0288	.00122	.00275
%RSD	1.3765	5.9468	3.2965	1.3893	1.1662	2.7576	.39660

#1	5.8238	.00878	.08475	4.1454	2.4391	.04276	.69213
#2	5.9735	.00783	.08960	4.0349	2.4938	.04516	.69629
#3	5.8452	.00856	.08994	4.0680	2.4821	.04432	.69110

Sample Name: K1613-01 Acquired: 2/27/2019 17:48:07 Type: Unk
 Method: P4-ICP2(v2894) 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	.08823	5.566	.67338	2.3696	F<.00000
Stddev	.00301	.015	.00590	.1597	13.333
%RSD	3.4060	.2650	.87630	6.7405	.97904
#1	.08948	5.583	.66683	2.4767	-1350.7
#2	.09041	5.554	.67502	2.1860	-1358.3
#3	.08480	5.562	.67828	2.4460	-1376.7
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3104.9	43178.	3926.9	16.798	2982.1
Stddev	23.0	21.	34.6	.791	19.7
%RSD	.74146	.04832	.88185	4.7105	.66130
#1	3127.9	43154.	3966.5	16.971	3000.7
#2	3081.9	43189.	3902.4	17.490	2961.4
#3	3104.9	43190.	3911.8	15.935	2984.3

Sample Name: K1613-03 Acquired: 2/27/2019 17:52:30 Type: Unk
Method: P4-ICP2(v2894) 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	.02529	-.01061	.41764	.01013	-.01344	116.75	.50580
Stddev	.00193	.00048	.00124	.00181	.00287	.19	.00809
%RSD	7.6201	4.5323	.29657	17.811	21.327	.16691	1.5989

#1	.02750	-.01023	.41674	.00944	-.01675	116.96	.49978
#2	.02400	-.01046	.41713	.01218	-.01179	116.57	.51499
#3	.02435	-.01115	.41905	.00878	-.01178	116.71	.50262

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00450	-.00295	121.03	.18691	.01855	.11209	108.52
Stddev	.00012	.00023	1.22	.00089	.00037	.00031	1.40
%RSD	2.6022	7.9416	1.0062	.47568	1.9893	.27857	1.2928

#1	.00456	-.00291	120.56	.18638	.01813	.11228	108.89
#2	.00457	-.00320	122.42	.18793	.01883	.11173	109.71
#3	.00436	-.00274	120.12	.18641	.01869	.11227	106.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75987	36.884	.05073	-.00762	.56705	.25121	.51693
Stddev	.00123	.358	.00047	.00034	.00518	.00197	.00090
%RSD	.16188	.97171	.93091	4.4757	.91349	.78417	.17351

#1	.76128	36.789	.05031	-.00799	.57304	.25126	.51764
#2	.75932	37.281	.05065	-.00753	.56405	.25315	.51593
#3	.75901	36.583	.05124	-.00733	.56408	.24921	.51724

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0354	.00593	.07294	3.5588	1.9736	.02015	.64528
Stddev	.0387	.00020	.00887	.0228	.0465	.00036	.00244
%RSD	.76898	3.3262	12.157	.64021	2.3570	1.7968	.37849

#1	5.0569	.00613	.08292	3.5333	1.9635	.02052	.64712
#2	5.0586	.00574	.06599	3.5771	2.0244	.02015	.64251
#3	4.9907	.00593	.06989	3.5661	1.9330	.01980	.64621

Sample Name: K1613-03 Acquired: 2/27/2019 17:52:30 Type: Unk
 Method: P4-ICP2(v2894) 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	.07439	3.809	.39131	2.3785	F<.00000
Stddev	.00203	.006	.00432	.1185	5.2995
%RSD	2.7298	.1567	1.1048	4.9819	.51297
#1	.07210	3.816	.39013	2.5082	-1028.4
#2	.07512	3.804	.39610	2.2759	-1038.8
#3	.07596	3.808	.38769	2.3513	-1032.0
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3086.3	43307.	3945.3	16.037	2937.2
Stddev	3.4	167.	49.8	1.404	1.2
%RSD	.11074	.38548	1.2630	8.7534	.04055
#1	3084.5	43149.	3933.7	14.893	2936.3
#2	3084.2	43291.	3902.2	15.615	2938.6
#3	3090.3	43482.	3999.9	17.604	2936.8

Sample Name: K1350-11 Acquired: 2/27/2019 17:56:54 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02591	-.06900	.43446	.01160	-.03304	185.64	.62531
Stddev	.00086	.00187	.00224	.00091	.00226	.77	.00277
%RSD	3.3075	2.7052	.51499	7.8584	6.8368	.41588	.44375

#1	.02687	-.07054	.43256	.01057	-.03294	186.14	.62616
#2	.02522	-.06954	.43693	.01195	-.03082	184.75	.62756
#3	.02563	-.06693	.43391	.01229	-.03534	186.02	.62221

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01145	-.00171	40.144	.28220	.13645	.29231	227.59
Stddev	.00010	.00011	.164	.00074	.00044	.00073	.52
%RSD	.83188	6.6742	.40827	.26273	.32472	.24917	.22998

#1	.01134	-.00171	40.291	.28234	.13610	.29234	227.95
#2	.01149	-.00182	40.174	.28286	.13695	.29303	227.82
#3	.01152	-.00159	39.967	.28140	.13629	.29157	226.99

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3221	37.756	.21262	-.02082	14.662	.61444	.80790
Stddev	.0143	.152	.00100	.00057	.032	.00397	.00391
%RSD	.32966	.40327	.47165	2.7502	.21872	.64585	.48382

#1	4.3386	37.605	.21221	-.02108	14.697	.61858	.80339
#2	4.3132	37.910	.21376	-.02016	14.655	.61067	.81030
#3	4.3146	37.754	.21188	-.02122	14.633	.61408	.81001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7778	.00447	.10197	5.1002	2.3059	.03452	3.4848
Stddev	.0473	.00023	.00742	.0367	.0140	.00031	.0092
%RSD	.53878	5.1773	7.2782	.71885	.60906	.89730	.26301

#1	8.8291	.00443	.09595	5.0838	2.3206	.03417	3.4745
#2	8.7686	.00472	.11026	5.1422	2.3045	.03474	3.4919
#3	8.7358	.00426	.09968	5.0746	2.2926	.03465	3.4880

Sample Name: K1350-11 Acquired: 2/27/2019 17:56:54 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13555	7.433	-.08916	<.00000	F<.00000
Stddev	.00088	.036	.00074	.27355	22.084
%RSD	.64604	.4917	.82717	10.612	.72555

#1	.13574	7.392	-.08984	-2.8358	-3044.9
#2	.13460	7.463	-.08927	-2.6066	-3065.2
#3	.13632	7.444	-.08838	-2.2909	-3021.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3629.8	51278.	4668.5	15.655	2833.9
Stddev	2.7	128.	18.1	1.012	12.7
%RSD	.07437	.24873	.38711	6.4647	.44818

#1	3632.0	51171.	4656.9	14.505	2848.6
#2	3626.8	51419.	4659.3	16.409	2826.5
#3	3630.5	51244.	4689.4	16.051	2826.7

Sample Name: K1350-13 Acquired: 2/27/2019 18:01:20 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02248	-.07457	.57411	.00969	-.03140	140.83	.66472
Stddev	.00380	.00322	.00172	.00438	.00304	.46	.00456
%RSD	16.920	4.3213	.29878	45.248	9.6947	.32357	.68637

#1	.02536	-.07085	.57505	.00719	-.02887	140.92	.66973
#2	.02391	-.07643	.57514	.00713	-.03478	141.23	.66362
#3	.01817	-.07643	.57213	.01475	-.03056	140.33	.66080

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01142	-.00077	139.83	.20148	.13926	.33286	213.56
Stddev	.00037	.00033	.15	.00149	.00021	.00106	1.54
%RSD	3.2367	42.560	.10905	.74117	.14963	.31975	.72313

#1	.01180	-.00105	139.88	.20257	.13932	.33280	214.81
#2	.01140	-.00041	139.66	.20210	.13903	.33183	211.83
#3	.01106	-.00085	139.96	.19978	.13943	.33396	214.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2607	72.683	.24153	-.02013	15.854	.47891	.81174
Stddev	.0396	.195	.00108	.00042	.088	.00431	.00190
%RSD	.75358	.26789	.44754	2.0988	.55250	.90082	.23406

#1	5.2735	72.893	.24162	-.02027	15.948	.47959	.80977
#2	5.2924	72.646	.24041	-.02046	15.776	.48284	.81356
#3	5.2163	72.509	.24257	-.01966	15.837	.47430	.81188

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3869	.00139	.10550	5.4103	2.7141	.02955	3.9211
Stddev	.0808	.00003	.00670	.0231	.0295	.00042	.0028
%RSD	.96380	2.2168	6.3532	.42743	1.0874	1.4129	.07215

#1	8.4644	.00142	.11223	5.3837	2.7348	.02952	3.9242
#2	8.3932	.00136	.09882	5.4216	2.6803	.02915	3.9204
#3	8.3031	.00139	.10546	5.4256	2.7274	.02999	3.9187

Sample Name: K1350-13 Acquired: 2/27/2019 18:01:20 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15086	8.800	.14750	<.00000	F<.00000
Stddev	.00213	.015	.00140	.22703	2.2447
%RSD	1.4114	.1681	.95136	9.9174	.08031
#1	.15222	8.786	.14693	-2.0275	-2793.7
#2	.14840	8.815	.14909	-2.4326	-2797.8
#3	.15195	8.798	.14647	-2.4076	-2794.0
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3514.0	50208.	4587.7	17.277	2751.9
Stddev	10.2	309.	33.3	1.553	8.2
%RSD	.28938	.61513	.72547	8.9880	.29760
#1	3523.2	49947.	4549.3	17.791	2760.9
#2	3503.1	50128.	4605.6	18.508	2744.9
#3	3515.7	50549.	4608.1	15.533	2749.9

Sample Name: K1350-15 Acquired: 2/27/2019 18:05:54 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02625	-.09304	.35353	.00600	-.02617	120.57	.47219
Stddev	.00052	.00349	.00226	.00133	.00153	.20	.00732
%RSD	1.9979	3.7560	.63831	22.168	5.8285	.16815	1.5502

#1	.02589	-.08998	.35317	.00741	-.02667	120.34	.46816
#2	.02685	-.09228	.35148	.00582	-.02739	120.68	.48064
#3	.02600	-.09685	.35595	.00477	-.02446	120.70	.46777

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00856	.00472	167.69	.19670	.15260	.32511	172.57
Stddev	.00018	.00019	1.53	.00096	.00017	.00131	.65
%RSD	2.1255	4.0783	.91485	.48987	.10960	.40252	.37609

#1	.00838	.00468	166.52	.19758	.15279	.32655	172.19
#2	.00874	.00455	169.43	.19567	.15247	.32400	173.32
#3	.00856	.00493	167.12	.19685	.15254	.32478	172.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7615	62.430	.23943	-.02008	10.133	.40284	.78030
Stddev	.0177	.649	.00072	.00028	.097	.00393	.00156
%RSD	.46998	1.0398	.30110	1.3858	.95761	.97620	.19952

#1	3.7637	61.912	.23977	-.02038	10.047	.40731	.78050
#2	3.7428	63.158	.23861	-.02000	10.239	.40132	.77865
#3	3.7779	62.221	.23992	-.01984	10.114	.39990	.78174

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7821	.00159	.07245	8.8341	1.7667	.02783	3.6449
Stddev	.0513	.00017	.00622	.0230	.0065	.00113	.0094
%RSD	.65874	10.552	8.5919	.25992	.36827	4.0438	.25889

#1	7.7505	.00147	.07468	8.8101	1.7740	.02658	3.6368
#2	7.8412	.00152	.07725	8.8559	1.7645	.02878	3.6553
#3	7.7545	.00178	.06542	8.8362	1.7615	.02813	3.6427

Sample Name: K1350-15 Acquired: 2/27/2019 18:05:54 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12483	F 24.03	.28826	<.00000	F<.00000
Stddev	.00146	.05	.00322	.46285	12.618
%RSD	1.1712	.2077	1.1185	5.7597	.44090
#1	.12337	24.06	.28651	-8.4474	-2871.6
#2	.12629	23.98	.29198	-8.1257	-2847.6
#3	.12482	24.07	.28628	-7.5348	-2866.4
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4331.8	62041.	5692.9	15.183	2706.5
Stddev	.9	207.	27.8	1.620	9.0
%RSD	.02184	.33346	.48829	10.668	.33384
#1	4331.7	61949.	5714.7	16.089	2707.5
#2	4330.9	62278.	5661.6	13.313	2715.0
#3	4332.8	61896.	5702.4	16.147	2697.0

Sample Name: K1353-01 Acquired: 2/27/2019 18:10:25 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02368	-.08760	.28051	.00765	-.03228	137.83	.69260
Stddev	.00378	.00227	.00045	.00319	.00083	.85	.00539
%RSD	15.980	2.5892	.16105	41.662	2.5613	.61674	.77892

#1	.02550	-.08999	.28095	.01133	-.03169	136.85	.69383
#2	.02621	-.08547	.28005	.00593	-.03192	138.35	.69728
#3	.01933	-.08734	.28052	.00569	-.03323	138.30	.68670

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01242	.00095	264.53	.30407	.17357	.54766	231.50
Stddev	.00022	.00032	.40	.00142	.00034	.00116	2.03
%RSD	1.7622	33.483	.15138	.46651	.19430	.21146	.87587

#1	.01250	.00062	264.36	.30534	.17355	.54808	233.61
#2	.01258	.00098	264.99	.30433	.17391	.54635	231.30
#3	.01217	.00125	264.25	.30254	.17324	.54855	229.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8839	155.57	.29780	-.02444	8.9280	.57582	1.5200
Stddev	.0495	.50	.00096	.00068	.0403	.00406	.0054
%RSD	.71921	.32117	.32134	2.7665	.45165	.70509	.35460

#1	6.8991	155.47	.29672	-.02378	8.9686	.57818	1.5149
#2	6.9241	156.11	.29815	-.02513	8.8879	.57815	1.5194
#3	6.8286	155.12	.29854	-.02440	8.9274	.57113	1.5256

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.414	.00435	2.2567	8.9875	2.0604	.02364	4.5669
Stddev	.099	.00031	.0273	.0263	.0220	.00105	.0072
%RSD	.56650	7.1127	1.2085	.29247	1.0652	4.4347	.15783

#1	17.515	.00400	2.2742	8.9901	2.0744	.02437	4.5732
#2	17.408	.00458	2.2706	9.0123	2.0351	.02244	4.5684
#3	17.318	.00447	2.2253	8.9599	2.0716	.02412	4.5590

Sample Name: K1353-01 Acquired: 2/27/2019 18:10:25 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32415	F 11.42	.11163	<.00000	F<.00000
Stddev	.00181	.03	.00151	.19212	10.766
%RSD	.55704	.2308	1.3560	11.313	.35516
#1	.32505	11.39	.11042	-1.9048	-3029.8
#2	.32533	11.43	.11115	-1.6650	-3021.3
#3	.32207	11.44	.11333	-1.5249	-3042.7
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3373.1	48209.	4417.9	16.297	2620.4
Stddev	5.4	136.	36.3	.713	8.8
%RSD	.16073	.28136	.82081	4.3743	.33543
#1	3376.3	48240.	4378.7	16.552	2627.2
#2	3376.2	48060.	4424.8	16.848	2623.5
#3	3366.8	48326.	4450.3	15.492	2610.5

Sample Name: K1353-03 Acquired: 2/27/2019 18:14:59 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01370	-.07409	.38745	.01054	-.04466	246.96	3.9327
Stddev	.00226	.00319	.00262	.00431	.00198	4.37	.0396
%RSD	16.475	4.3002	.67707	40.923	4.4237	1.7706	1.0082

#1	.01490	-.07610	.38597	.00853	-.04238	245.26	3.9701
#2	.01510	-.07575	.38589	.00760	-.04571	243.69	3.9369
#3	.01109	-.07042	.39048	.01549	-.04589	251.92	3.8911

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02704	.01854	76.697	.36913	.32518	.50905	290.13
Stddev	.00094	.00033	.650	.00968	.00070	.00210	2.75
%RSD	3.4729	1.8015	.84737	2.6231	.21439	.41219	.94853

#1	.02602	.01816	77.216	.36459	.32463	.50977	292.62
#2	.02724	.01879	76.906	.36255	.32596	.50669	290.60
#3	.02786	.01865	75.968	.38025	.32494	.51069	287.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.087	120.83	.66790	-.03180	9.3204	.62447	2.1120
Stddev	.478	.99	.00181	.00132	.0889	.01532	.0124
%RSD	1.6442	.82122	.27158	4.1579	.95428	2.4539	.58947

#1	28.945	121.70	.66622	-.03145	9.3909	.61563	2.0990
#2	28.695	121.03	.66982	-.03068	9.3498	.61561	2.1238
#3	29.620	119.75	.66766	-.03326	9.2205	.64216	2.1134

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.443	.00016	.22170	6.9343	2.3118	.05658	2.9132
Stddev	.130	.00021	.00407	.0386	.0386	.00070	.0071
%RSD	.74371	132.83	1.8365	.55740	1.6709	1.2426	.24304

#1	17.580	.00011	.21956	6.8900	2.3558	.05738	2.9175
#2	17.428	.00039	.22640	6.9521	2.2963	.05631	2.9170
#3	17.321	-.00002	.21915	6.9609	2.2833	.05605	2.9050

Sample Name: K1353-03 Acquired: 2/27/2019 18:14:59 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.72633	F 12.41	-.03366	<.00000	F<.00000
Stddev	.00195	.08	.00055	.55782	47.203
%RSD	.26825	.6126	1.6354	7.3138	.86742
#1	.72657	12.35	-.03424	-7.8051	-5407.2
#2	.72427	12.50	-.03360	-8.0741	-5422.7
#3	.72814	12.39	-.03314	-7.0019	-5495.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4098.9	57583.	5379.6	15.285	2597.3
Stddev	3.7	976.	51.3	2.177	9.6
%RSD	.08938	1.6954	.95375	14.241	.37050
#1	4098.7	57994.	5338.7	14.388	2607.0
#2	4102.7	58286.	5363.0	13.700	2587.8
#3	4095.4	56468.	5437.2	17.767	2597.0

Sample Name: K1353-05 Acquired: 2/27/2019 18:19:34 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02130	-.06875	.41536	.01872	-.02765	158.68	1.5878
Stddev	.00322	.00074	.00254	.00150	.00107	.63	.0025
%RSD	15.124	1.0788	.61175	8.0353	3.8629	.39448	.15487

#1	.01827	-.06818	.41266	.01993	-.02860	157.96	1.5907
#2	.02468	-.06959	.41571	.01704	-.02786	159.03	1.5862
#3	.02095	-.06850	.41771	.01920	-.02649	159.05	1.5867

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01310	.00115	34.900	.31651	.17838	.44660	239.39
Stddev	.00017	.00038	.166	.00194	.00036	.00047	.55
%RSD	1.2801	32.876	.47573	.61180	.20231	.10598	.22966

#1	.01327	.00073	35.087	.31620	.17868	.44606	239.70
#2	.01310	.00125	34.840	.31475	.17848	.44678	239.71
#3	.01293	.00146	34.772	.31859	.17798	.44695	238.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.334	67.662	.30901	-.01660	2.9732	.48874	1.1046
Stddev	.055	.099	.00052	.00032	.0127	.00245	.0039
%RSD	.26927	.14614	.16965	1.9257	.42699	.50062	.35029

#1	20.318	67.716	.30961	-.01667	2.9796	.48869	1.1091
#2	20.290	67.721	.30868	-.01626	2.9586	.48632	1.1021
#3	20.396	67.548	.30874	-.01689	2.9815	.49121	1.1027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.284	.00143	.17158	1.9053	3.2303	.08621	3.6131
Stddev	.052	.00048	.00535	.0130	.0214	.00174	.0060
%RSD	.42115	33.551	3.1156	.68093	.66355	2.0219	.16756

#1	12.342	.00159	.16558	1.9197	3.2549	.08766	3.6107
#2	12.270	.00089	.17332	1.9016	3.2205	.08671	3.6086
#3	12.241	.00181	.17584	1.8945	3.2155	.08428	3.6200

Sample Name: K1353-05 Acquired: 2/27/2019 18:19:34 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33249	5.824	-.08481	<.00000	F<.00000
Stddev	.00342	.001	.00113	.02715	15.476
%RSD	1.0296	.0219	1.3378	1.0837	.50261
#1	.32858	5.825	-.08589	-2.5318	-3091.9
#2	.33491	5.822	-.08492	-2.4776	-3061.9
#3	.33400	5.824	-.08363	-2.5078	-3083.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3532.5	50083.	4498.3	16.401	2841.6
Stddev	1.8	49.	25.2	.384	8.3
%RSD	.05151	.09843	.56032	2.3389	.29378
#1	3531.2	50026.	4469.2	16.745	2832.1
#2	3531.8	50119.	4511.7	16.471	2845.3
#3	3534.6	50102.	4514.0	15.987	2847.5

Sample Name: K1353-07 Acquired: 2/27/2019 18:24:08 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01068	-.14536	.27440	.00557	-.03666	186.10	.81656
Stddev	.00266	.00372	.00378	.00204	.00177	.29	.00971
%RSD	24.864	2.5627	1.3773	36.572	4.8384	.15823	1.1888

#1	.01330	-.14617	.27185	.00690	-.03858	186.44	.82588
#2	.00799	-.14129	.27874	.00659	-.03631	185.95	.81730
#3	.01075	-.14860	.27261	.00322	-.03508	185.91	.80651

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01279	.00478	176.49	.44846	.26879	.44009	243.38
Stddev	.00026	.00024	1.65	.00167	.00040	.00086	1.18
%RSD	2.0422	5.0677	.93696	.37320	.14931	.19635	.48372

#1	.01295	.00488	178.16	.45036	.26876	.43925	244.70
#2	.01293	.00451	176.45	.44720	.26840	.44097	242.97
#3	.01249	.00496	174.85	.44781	.26920	.44005	242.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1604	63.443	.35435	-.02949	6.6485	.63215	.94375
Stddev	.0100	.429	.00201	.00057	.0953	.00276	.00060
%RSD	.19442	.67688	.56676	1.9332	1.4334	.43735	.06379

#1	5.1489	63.891	.35418	-.02938	6.7522	.63478	.94394
#2	5.1647	63.405	.35244	-.03011	6.6284	.63240	.94307
#3	5.1675	63.034	.35644	-.02899	6.5648	.62927	.94423

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.238	.00155	.39056	4.3049	2.2378	.03284	6.8257
Stddev	.147	.00040	.00854	.0347	.0551	.00025	.0211
%RSD	.96679	25.486	2.1878	.80666	2.4603	.75939	.30981

#1	15.407	.00193	.38097	4.3093	2.2951	.03285	6.8498
#2	15.137	.00114	.39738	4.2682	2.2329	.03309	6.8105
#3	15.170	.00158	.39332	4.3372	2.1853	.03259	6.8166

Sample Name: K1353-07 Acquired: 2/27/2019 18:24:08 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25766	F 13.97	.49630	<.00000	F<.00000
Stddev	.00203	.04	.00764	.16422	17.176
%RSD	.78599	.2822	1.5396	2.9022	.44871
#1	.25947	13.93	.50470	-5.6245	-3839.0
#2	.25803	13.96	.49443	-5.8370	-3808.0
#3	.25547	14.01	.48976	-5.5138	-3836.2
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3840.7	54516.	5088.0	16.458	2679.1
Stddev	11.2	148.	56.4	1.311	2.3
%RSD	.29217	.27197	1.1086	7.9640	.08420
#1	3841.6	54346.	5025.6	14.946	2681.5
#2	3829.0	54621.	5102.9	17.272	2678.7
#3	3851.4	54580.	5135.4	17.155	2677.0

Sample Name: CCV07 Acquired: 2/27/2019 18:28:42 Type: Unk
Method: P4-ICP2(v2894) 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	5.2135	5.2157	5.1592	5.3162	5.3222	10.593	10.201	.26318
Stddev	.0297	.0348	.0347	.0548	.0354	.134	.160	.00032
%RSD	.56890	.66658	.67313	1.0309	.66563	1.2644	1.5731	.12153
#1	5.1799	5.1758	5.1193	5.2545	5.2813	10.450	10.167	.26317
#2	5.2246	5.2320	5.1827	5.3349	5.3409	10.716	10.060	.26287
#3	5.2361	5.2394	5.1756	5.3593	5.3444	10.613	10.376	.26351
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5705	26.370	1.0632	2.6009	1.3309	5.3500	2.6541	26.131
Stddev	.0175	.294	.0049	.0184	.0092	.0796	.0022	.309
%RSD	.68177	1.1132	.46132	.70882	.69073	1.4877	.08424	1.1837
#1	2.5504	26.221	1.0622	2.5796	1.3203	5.3770	2.6530	26.079
#2	2.5788	26.181	1.0590	2.6103	1.3349	5.2605	2.6526	25.851
#3	2.5824	26.709	1.0686	2.6127	1.3373	5.4127	2.6567	26.463
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6011	1.3447	25.386	2.6091	2.5888	26.259	5.3045	5.2274
Stddev	.0195	.0054	.447	.0037	.0198	.416	.0411	.0414
%RSD	.75072	.39878	1.7614	.13978	.76412	1.5848	.77431	.79132
#1	2.5792	1.3486	25.305	2.6050	2.5661	26.302	5.2571	5.2119
#2	2.6074	1.3386	24.985	2.6121	2.5975	25.824	5.3304	5.1960
#3	2.6167	1.3469	25.868	2.6101	2.6027	26.653	5.3259	5.2743
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2075	5.2357	5.1627	5.2847	5.1765	5.233	5.3403	4.5401
Stddev	.0564	.0741	.0338	.0623	.0855	.033	.0932	.0657
%RSD	1.0822	1.4152	.65416	1.1780	1.6510	.6245	1.7460	1.4466
#1	5.1425	5.2404	5.1238	5.2552	5.1605	5.196	5.3167	4.4953
#2	5.2385	5.1593	5.1803	5.2427	5.1002	5.252	5.2612	4.5094
#3	5.2416	5.3073	5.1840	5.3562	5.2689	5.252	5.4431	4.6155

Sample Name: CCV07 Acquired: 2/27/2019 18:28:42 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1903
Stddev	3.3546
%RSD	281.83

#1	3.0507
#2	-2.6823
#3	3.2023

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.4	41326.	3581.7	15.410	2899.6
Stddev	20.0	162.	59.8	.712	17.0
%RSD	.68677	.39136	1.6700	4.6196	.58543

#1	2940.6	41315.	3561.9	14.717	2919.2
#2	2905.9	41494.	3648.9	15.373	2890.6
#3	2905.8	41171.	3534.3	16.139	2889.0

Sample Name: CCB07 Acquired: 2/27/2019 18:32:41 Type: Unk
Method: P4-ICP2(v2894) 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	-.00105	-.00242	-.00139	.00367	.00124	-.00443	-.00697
Stddev	.00261	.00057	.00052	.00047	.00078	.01834	.00085
%RSD	248.98	23.597	37.217	12.784	62.666	414.20	12.189

#1	-.00405	-.00294	-.00096	.00407	.00041	-.00634	-.00795
#2	.00025	-.00251	-.00125	.00315	.00195	.01479	-.00653
#3	.00066	-.00181	-.00196	.00380	.00136	-.02173	-.00644

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00005	.00527	.00007	.00000	.00002	.00244
Stddev	.00003	.00003	.01338	.00003	.00022	.00059	.00055
%RSD	26.904	63.654	253.87	49.857	34452.	2418.6	22.477

#1	.00009	.00009	.01504	.00010	.00003	-.00065	.00301
#2	.00007	.00003	.01074	.00004	.00021	.00042	.00241
#3	.00012	.00004	-.00998	.00006	-.00023	.00030	.00191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00564	.00026	-.00022	-.04314	.00012	.00038
Stddev	.00009	.00823	.00032	.00060	.01158	.00063	.00013
%RSD	49.989	145.95	123.55	274.96	26.832	529.52	33.849

#1	.00028	-.00584	.00063	.00032	-.04260	-.00060	.00038
#2	.00012	-.01376	.00011	-.00011	-.03185	.00036	.00024
#3	.00013	.00269	.00004	-.00087	-.05498	.00059	.00050

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24135	-.00010	.01801	-.00898	.00732	-.00083	-.00130
Stddev	.01622	.00029	.00453	.01301	.00020	.00029	.00068
%RSD	6.7197	295.25	25.174	144.89	2.7712	35.421	51.964

#1	.23009	-.00042	.01846	.00347	.00736	-.00096	-.00083
#2	.23404	.00013	.01326	-.00793	.00710	-.00049	-.00207
#3	.25994	-.00000	.02230	-.02248	.00750	-.00103	-.00099

Sample Name: CCB07 Acquired: 2/27/2019 18:32:41 Type: Unk
 Method: P4-ICP2(v2894) 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 .01116	.0007	.00030	F 2.7202	F<.00000
Stddev	.00147	.0016	.00009	.1335	1.6981
%RSD	13.201	217.5	29.360	4.9092	100.41

#1	.01273	.0000	.00039	2.5882	.13397
#2	.01093	-.0004	.00027	2.8553	-1.9829
#3	.00981	.0025	.00022	2.7171	-3.2243

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3061.5	43688.	3623.7	16.725	3287.6
Stddev	10.4	103.	13.1	1.042	13.0
%RSD	.33857	.23677	.36030	6.2304	.39509

#1	3055.0	43670.	3630.2	15.592	3278.8
#2	3073.5	43595.	3632.3	17.642	3302.5
#3	3056.2	43799.	3608.7	16.942	3281.4

Sample Name: K1627-01 Acquired: 2/27/2019 18:37:09 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01-(0-6) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10684	-.03752	.95948	.02017	-.02286	138.65	.69947
Stddev	.00176	.00344	.00667	.00068	.00109	.16	.00176
%RSD	1.6443	9.1705	.69505	3.3518	4.7754	.11584	.25128

#1	.10715	-.03726	.95204	.01971	-.02361	138.81	.69884
#2	.10495	-.04109	.96148	.01984	-.02336	138.49	.69811
#3	.10843	-.03422	.96492	.02094	-.02161	138.65	.70145

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00840	-.00239	71.826	.23592	.07314	.48718	195.26
Stddev	.00021	.00016	.062	.00094	.00045	.00284	.79
%RSD	2.5514	6.6395	.08682	.40005	.62096	.58219	.40325

#1	.00828	-.00253	71.842	.23577	.07305	.48422	195.88
#2	.00865	-.00241	71.878	.23506	.07275	.48743	195.52
#3	.00828	-.00222	71.757	.23693	.07364	.48988	194.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0913	31.235	.15706	-.01245	.76489	.30662	1.5126
Stddev	.0067	.025	.00060	.00073	.01743	.00277	.0083
%RSD	.21737	.07982	.37938	5.8699	2.2785	.90245	.55052

#1	3.0841	31.217	.15647	-.01168	.77732	.30474	1.5058
#2	3.0922	31.224	.15703	-.01314	.74497	.30532	1.5100
#3	3.0975	31.263	.15766	-.01253	.77238	.30980	1.5219

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.510	.00817	.12742	5.9531	2.6321	.04205	2.2478
Stddev	.031	.00034	.00681	.0316	.0084	.00028	.0084
%RSD	.29837	4.1287	5.3482	.53041	.31886	.65511	.37535

#1	10.524	.00840	.13411	5.9305	2.6306	.04174	2.2388
#2	10.474	.00778	.12049	5.9892	2.6246	.04212	2.2491
#3	10.531	.00831	.12765	5.9396	2.6411	.04228	2.2556

Sample Name: K1627-01 Acquired: 2/27/2019 18:37:09 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01-(0-6) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11181	F 10.93	.12664	.55385	F<.00000
Stddev	.00094	.07	.00059	.10558	4.4441
%RSD	.83829	.6748	.46511	19.063	.21555

#1	.11220	10.86	.12614	.60125	-2060.5
#2	.11249	10.93	.12649	.62741	-2066.7
#3	.11074	11.01	.12729	.43287	-2058.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3201.5	45647.	4053.5	17.062	2915.6
Stddev	5.9	50.	5.5	.943	11.4
%RSD	.18454	.11025	.13568	5.5248	.39173

#1	3206.4	45612.	4050.9	17.392	2925.5
#2	3203.1	45705.	4059.9	17.795	2918.2
#3	3195.0	45624.	4049.8	15.999	2903.1

Sample Name: K1627-02 Acquired: 2/27/2019 18:41:38 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01-(6-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12281	-.03135	.94654	.01763	-.02192	147.75	.56540
Stddev	.00105	.00176	.00206	.00243	.00150	.61	.00386
%RSD	.85179	5.6119	.21784	13.781	6.8633	.40975	.68195

#1	.12168	-.03317	.94417	.01869	-.02365	147.13	.56984
#2	.12374	-.02966	.94747	.01485	-.02123	148.34	.56343
#3	.12303	-.03121	.94796	.01935	-.02089	147.79	.56293

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00803	-.00316	65.707	.20870	.06331	.32212	174.16
Stddev	.00019	.00017	.253	.00137	.00017	.00218	.43
%RSD	2.3117	5.3653	.38445	.65465	.26922	.67525	.24928

#1	.00782	-.00311	65.999	.20802	.06325	.31972	174.56
#2	.00814	-.00301	65.557	.21027	.06350	.32397	173.70
#3	.00814	-.00334	65.565	.20780	.06318	.32265	174.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7096	29.535	.13647	-.01119	.67238	.30797	.91245
Stddev	.0046	.150	.00035	.00044	.00943	.00335	.00235
%RSD	.17119	.50881	.25329	3.8977	1.4026	1.0887	.25754

#1	2.7042	29.702	.13611	-.01085	.66356	.30514	.91310
#2	2.7123	29.409	.13650	-.01168	.67125	.31167	.90985
#3	2.7123	29.495	.13680	-.01103	.68232	.30711	.91441

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8272	.00513	.09248	2.2231	3.0490	.03052	2.0046
Stddev	.0820	.00031	.00421	.0261	.0723	.00006	.0026
%RSD	.92948	6.0159	4.5519	1.1761	2.3699	.18493	.13043

#1	8.9166	.00536	.09042	2.1939	3.0590	.03049	2.0025
#2	8.8096	.00526	.09732	2.2443	3.1157	.03048	2.0038
#3	8.7554	.00478	.08969	2.2311	2.9722	.03058	2.0075

Sample Name: K1627-02 Acquired: 2/27/2019 18:41:38 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01-(6-2) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11121	7.512	.03653	.74592	F<.00000
Stddev	.00150	.012	.00050	.29624	14.914
%RSD	1.3530	.1622	1.3564	39.715	.81218
#1	.10963	7.522	.03597	1.0065	-1820.9
#2	.11138	7.516	.03690	.42371	-1850.7
#3	.11263	7.499	.03673	.80755	-1837.1
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3210.7	45303.	4047.9	16.852	2949.2
Stddev	11.8	10.	24.5	1.269	3.2
%RSD	.36610	.02136	.60581	7.5278	.10787
#1	3221.1	45311.	4019.7	15.875	2947.5
#2	3197.9	45292.	4064.7	16.395	2952.9
#3	3213.1	45306.	4059.1	18.285	2947.3

Sample Name: K1627-03 Acquired: 2/27/2019 18:46:08 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-02-(2-5) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02758	-.07853	.50474	.00372	-.02930	92.072	.64113
Stddev	.00315	.00305	.00233	.00341	.00252	.425	.00504
%RSD	11.426	3.8814	.46214	91.584	8.5969	.46137	.78601

#1	.03111	-.08158	.50684	.00713	-.02973	91.581	.64060
#2	.02660	-.07852	.50223	.00372	-.03158	92.316	.64642
#3	.02504	-.07548	.50514	.00032	-.02660	92.318	.63638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00815	.00044	496.48	.22725	.10134	.67036	208.20
Stddev	.00011	.00044	1.54	.00178	.00036	.00205	.48
%RSD	1.3685	99.490	.30976	.78140	.35650	.30654	.23210

#1	.00826	.00075	495.19	.22554	.10167	.67270	208.50
#2	.00816	.00064	496.07	.22714	.10139	.66884	207.64
#3	.00804	-.00006	498.18	.22908	.10096	.66954	208.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3522	225.06	.17697	-.02217	2.6312	.38751	1.0115
Stddev	.0055	1.17	.00078	.00061	.0055	.00383	.0026
%RSD	.16345	.52002	.44187	2.7440	.20695	.98924	.25995

#1	3.3501	224.67	.17783	-.02174	2.6288	.38611	1.0140
#2	3.3585	224.14	.17677	-.02190	2.6374	.38458	1.0088
#3	3.3482	226.38	.17630	-.02287	2.6273	.39185	1.0117

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.141	.00559	.14056	7.2403	2.4540	.02909	4.3943
Stddev	.020	.00024	.00248	.0239	.0201	.00044	.0168
%RSD	.12972	4.3034	1.7611	.33054	.81752	1.4985	.38299

#1	15.119	.00567	.13923	7.2471	2.4697	.02888	4.3758
#2	15.148	.00532	.13902	7.2137	2.4314	.02959	4.3981
#3	15.157	.00578	.14341	7.2601	2.4608	.02880	4.4088

Sample Name: K1627-03 Acquired: 2/27/2019 18:46:08 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-02-(2-5) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18169	8.223	.29781	.76251	F<.00000
Stddev	.00368	.007	.00160	.28514	10.209
%RSD	2.0247	.0858	.53698	37.394	.43090

#1	.17990	8.225	.29598	.93314	-2376.9
#2	.18592	8.215	.29851	.92105	-2357.7
#3	.17925	8.228	.29895	.43333	-2373.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3085.4	43886.	4031.8	15.597	2567.8
Stddev	14.9	74.	5.9	.942	11.3
%RSD	.48158	.16752	.14577	6.0410	.44012

#1	3071.6	43949.	4025.8	14.559	2555.4
#2	3101.1	43805.	4037.5	16.399	2577.5
#3	3083.5	43903.	4032.1	15.832	2570.4

Sample Name: K1627-04 Acquired: 2/27/2019 18:50:26 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-02-(5-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03355	-.04887	8.3526	.00023	-.01637	74.402	.76554
Stddev	.00293	.00336	.0112	.00463	.00147	.490	.00510
%RSD	8.7268	6.8729	.13455	1970.6	8.9698	.65804	.66672

#1	.03202	-.04503	8.3558	.00159	-.01722	73.837	.77105
#2	.03170	-.05030	8.3401	.00403	-.01722	74.694	.76458
#3	.03692	-.05128	8.3619	-.00492	-.01467	74.675	.76098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00571	.00175	1469.7	.10846	.04174	.09247	106.71
Stddev	.00024	.00008	15.5	.00047	.00049	.00023	1.07
%RSD	4.1796	4.8359	1.0573	.43071	1.1786	.25051	1.0056

#1	.00587	.00179	1468.3	.10872	.04227	.09233	107.92
#2	.00583	.00165	1455.0	.10792	.04131	.09233	105.87
#3	.00544	.00181	1486.0	.10874	.04163	.09273	106.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5109	70.775	.09971	-.01688	3.5572	.17309	1.8032
Stddev	.0042	.755	.00028	.00044	.0304	.00007	.0031
%RSD	.16531	1.0671	.28273	2.5772	.85473	.04186	.17346

#1	2.5067	71.645	.10002	-.01641	3.5801	.17303	1.8034
#2	2.5111	70.395	.09946	-.01699	3.5227	.17306	1.8000
#3	2.5150	70.285	.09965	-.01726	3.5688	.17317	1.8062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.621	.00491	.09858	F 431.48	F 14.409	-.13813	3.2024
Stddev	.129	.00015	.00450	.99	.114	.00101	.0105
%RSD	.94449	3.1521	4.5651	.22925	.79338	.73219	.32660

#1	13.718	.00482	.09517	430.52	14.536	-.13801	3.1918
#2	13.475	.00509	.09689	431.43	14.315	-.13920	3.2127
#3	13.669	.00482	.10368	432.49	14.375	-.13719	3.2028

Sample Name: K1627-04 Acquired: 2/27/2019 18:50:26 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-02-(5-10) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29306	F 15.70	3.2302	3.9255	F<.00000
Stddev	.00078	.02	.0165	.1359	10.139
%RSD	.26748	.1368	.51153	3.4621	1.1474

#1	.29320	15.70	3.2445	3.8063	-892.02
#2	.29376	15.68	3.2121	4.0735	-872.36
#3	.29221	15.72	3.2340	3.8968	-886.46

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2739.5	38757.	3684.5	14.680	2437.6
Stddev	4.3	104.	34.4	1.915	1.8
%RSD	.15649	.26880	.93438	13.046	.07408

#1	2736.7	38871.	3647.7	16.860	2435.5
#2	2737.4	38734.	3716.0	13.914	2438.5
#3	2744.4	38667.	3689.8	13.267	2438.8

Sample Name: K1627-05 Acquired: 2/27/2019 18:54:47 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-03-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01883	-.83143	.54355	-.01160	-.04779	361.55	10.149
Stddev	.00371	.00123	.00218	.00347	.00152	1.19	.065
%RSD	19.713	.14811	.40102	29.946	3.1863	.32826	.63691

#1	-.02285	-.83048	.54525	-.01285	-.04817	360.47	10.127
#2	-.01812	-.83101	.54109	-.00767	-.04611	361.38	10.221
#3	-.01552	-.83282	.54430	-.01427	-.04909	362.82	10.097

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01718	.01237	154.88	F 2.2187	.37465	1.4003	399.22
Stddev	.00044	.00056	.94	.0045	.00108	.0040	3.20
%RSD	2.5571	4.5545	.60419	.20104	.28756	.28515	.80207

#1	.01684	.01268	154.02	2.2227	.37586	1.4015	398.53
#2	.01702	.01172	155.87	2.2196	.37379	1.3958	402.72
#3	.01768	.01271	154.74	2.2139	.37430	1.4036	396.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1947	303.30	1.2905	-.08116	3.7809	1.3529	2.6653
Stddev	.0276	1.85	.0006	.00073	.0475	.0025	.0026
%RSD	.44479	.60863	.04903	.89984	1.2558	.18445	.09849

#1	6.1966	301.70	1.2910	-.08108	3.7594	1.3558	2.6678
#2	6.2213	305.32	1.2907	-.08194	3.8354	1.3513	2.6626
#3	6.1663	302.89	1.2898	-.08048	3.7480	1.3517	2.6657

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	251.54	.02722	.08588	6.6751	2.3994	.09924	F 48.471
Stddev	1.71	.00025	.00476	.0550	.0158	.00148	.297
%RSD	.68040	.93230	5.5447	.82361	.65868	1.4910	.61189

#1	251.48	.02751	.08528	6.7055	2.4019	.09798	48.238
#2	253.28	.02710	.08144	6.6117	2.4138	.10087	48.805
#3	249.86	.02704	.09091	6.7082	2.3825	.09887	48.370

Sample Name: K1627-05 Acquired: 2/27/2019 18:54:47 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-03-(0-2) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.40852	F 42.83	.33207	<.00000	F<.00000
Stddev	.00646	.02	.00275	.09309	29.561
%RSD	1.5821	.0524	.82804	6.2713	.49567

#1	.40274	42.82	.32895	-1.3888	-5955.8
#2	.41550	42.81	.33314	-1.4896	-5939.3
#3	.40733	42.85	.33414	-1.5748	-5996.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3098.1	43780.	4127.2	15.186	2413.8
Stddev	1.8	96.	39.7	1.257	1.5
%RSD	.05899	.21993	.96279	8.2798	.06259

#1	3099.6	43718.	4126.3	16.363	2412.7
#2	3098.5	43730.	4087.9	13.861	2415.5
#3	3096.1	43891.	4167.3	15.333	2413.1

Sample Name: K1627-06 Acquired: 2/27/2019 18:59:21 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-03-(2-5) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08239	-.05289	1.8809	.02158	-.02920	141.83	1.0799
Stddev	.00163	.00011	.0045	.00121	.00171	.44	.0078
%RSD	1.9831	.21258	.23870	5.6195	5.8426	.30745	.72260

#1	.08080	-.05290	1.8860	.02217	-.02981	141.58	1.0885
#2	.08407	-.05299	1.8776	.02239	-.03052	141.57	1.0732
#3	.08229	-.05277	1.8790	.02019	-.02727	142.33	1.0779

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01228	-.00391	22.343	.28249	.11386	.61878	223.91
Stddev	.00019	.00008	.101	.00189	.00036	.00181	1.38
%RSD	1.5457	2.0097	.45089	.66900	.31647	.29278	.61674

#1	.01234	-.00398	22.456	.28194	.11380	.61775	225.39
#2	.01244	-.00391	22.310	.28093	.11424	.62087	223.70
#3	.01207	-.00383	22.263	.28459	.11353	.61772	222.65

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2699	30.503	.26204	-.01802	1.0821	.42863	1.0506
Stddev	.0019	.204	.00039	.00032	.0022	.00380	.0070
%RSD	.08489	.66940	.15071	1.7748	.20406	.88719	.66488

#1	2.2715	30.717	.26165	-.01818	1.0796	.42638	1.0581
#2	2.2677	30.479	.26203	-.01822	1.0832	.42648	1.0495
#3	2.2705	30.311	.26243	-.01765	1.0836	.43302	1.0443

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8631	.02665	.10553	6.0907	2.2535	.10495	2.8885
Stddev	.1024	.00029	.00909	.0333	.0285	.00069	.0057
%RSD	1.0378	1.0947	8.6177	.54674	1.2643	.65707	.19615

#1	9.9659	.02632	.09522	6.0774	2.2825	.10490	2.8840
#2	9.8620	.02679	.11242	6.0662	2.2256	.10429	2.8948
#3	9.7612	.02686	.10894	6.1286	2.2524	.10566	2.8865

Sample Name: K1627-06 Acquired: 2/27/2019 18:59:21 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-03-(2-5) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15921	9.459	.00540	<.00000	F<.00000
Stddev	.00119	.013	.00053	.20578	5.0736
%RSD	.74767	.1342	9.7549	10.360	.19128

#1	.15997	9.470	.00481	-1.8183	-2646.7
#2	.15784	9.462	.00557	-1.9250	-2654.4
#3	.15982	9.445	.00582	-2.2159	-2656.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3528.5	49421.	4413.8	16.715	2929.0
Stddev	13.7	138.	30.7	.546	20.1
%RSD	.38783	.27948	.69520	3.2687	.68625

#1	3514.9	49304.	4382.0	16.087	2908.1
#2	3528.4	49573.	4416.1	17.083	2930.8
#3	3542.3	49385.	4443.2	16.975	2948.2

Sample Name: K1627-07 Acquired: 2/27/2019 19:03:47 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-04-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12997	-.03693	1.0796	.01722	-.02019	148.31	.72163
Stddev	.00394	.00277	.0012	.00220	.00180	.79	.00441
%RSD	3.0315	7.4939	.10946	12.754	8.9181	.53144	.61115

#1	.12582	-.03676	1.0810	.01910	-.02216	147.41	.72667
#2	.13366	-.03425	1.0792	.01481	-.01979	148.60	.71974
#3	.13044	-.03978	1.0788	.01776	-.01862	148.91	.71848

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00893	-.00172	31.713	.26934	.08213	.55982	191.32
Stddev	.00010	.00007	.044	.00307	.00042	.00437	.86
%RSD	1.1085	4.0865	.13768	1.1383	.50635	.77980	.44836

#1	.00900	-.00177	31.725	.27251	.08165	.55505	192.27
#2	.00898	-.00175	31.749	.26911	.08237	.56362	190.60
#3	.00882	-.00164	31.664	.26639	.08236	.56080	191.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0712	28.574	.20689	-.01190	.82153	.35045	2.8451
Stddev	.0053	.168	.00064	.00052	.00382	.00039	.0121
%RSD	.17204	.58717	.30966	4.3975	.46474	.11086	.42665

#1	3.0765	28.469	.20615	-.01249	.81777	.35009	2.8587
#2	3.0714	28.486	.20718	-.01171	.82541	.35086	2.8412
#3	3.0659	28.768	.20733	-.01150	.82140	.35039	2.8354

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0041	.00849	.11266	4.2101	3.1917	.04113	2.1893
Stddev	.0659	.00024	.00760	.0265	.0416	.00071	.0128
%RSD	.73213	2.7844	6.7450	.62834	1.3036	1.7208	.58607

#1	8.9833	.00840	.11973	4.1970	3.2378	.04121	2.1759
#2	8.9512	.00876	.10462	4.2405	3.1568	.04178	2.1905
#3	9.0780	.00831	.11365	4.1927	3.1805	.04038	2.2014

Sample Name: K1627-07 Acquired: 2/27/2019 19:03:47 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-04-(0-2) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12494	8.279	-.10202	<.00000	F<.00000
Stddev	.00188	.020	.00102	.12360	22.458
%RSD	1.5059	.2379	.99990	88.457	1.1075

#1	.12403	8.275	-.10319	-.09102	-2009.2
#2	.12369	8.300	-.10136	-.04790	-2021.5
#3	.12710	8.262	-.10151	-.28026	-2052.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3318.1	46731.	4142.2	17.057	2970.6
Stddev	12.1	93.	25.8	.928	17.3
%RSD	.36556	.19929	.62186	5.4426	.58121

#1	3314.9	46655.	4112.8	16.006	2952.1
#2	3308.0	46835.	4160.5	17.766	2973.4
#3	3331.6	46705.	4153.4	17.398	2986.3

Sample Name: K1627-08 Acquired: 2/27/2019 19:08:14 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-04-(2-5) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01657	-.15273	7.3186	-.01384	-.04078	213.05	2.4248
Stddev	.00315	.00301	.0191	.00771	.00325	1.13	.0196
%RSD	19.031	1.9741	.26158	55.701	7.9654	.53089	.80636
#1	.01329	-.15366	7.3287	-.00902	-.04345	212.05	2.4308
#2	.01683	-.14936	7.2966	-.00977	-.04171	214.28	2.4407
#3	.01959	-.15517	7.3307	-.02274	-.03716	212.81	2.4030
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02759	.01829	195.56	1.1555	F 5.7244	9.8576	447.02
Stddev	.00027	.00051	1.73	.0059	.0081	.0136	2.31
%RSD	.97375	2.7793	.88463	.51053	.14130	.13784	.51677
#1	.02732	.01775	195.99	1.1490	5.7306	9.8419	449.43
#2	.02758	.01838	197.03	1.1606	5.7152	9.8652	446.79
#3	.02786	.01876	193.65	1.1570	5.7274	9.8656	444.83
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9000	93.188	.40245	-.06783	6.3143	.62592	F 56.551
Stddev	.0317	1.120	.00115	.00140	.0309	.00436	.066
%RSD	.45906	1.2023	.28596	2.0700	.48906	.69583	.11697
#1	6.9323	93.711	.40378	-.06625	6.2980	.62089	56.476
#2	6.8690	93.951	.40174	-.06892	6.3500	.62838	56.573
#3	6.8986	91.902	.40183	-.06833	6.2950	.62849	56.603
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.709	.58123	.10786	F 13.376	2.2289	3.4385	6.4541
Stddev	.183	.00157	.00246	.078	.0210	.0021	.0231
%RSD	.80624	.26984	2.2771	.58130	.94224	.06011	.35855
#1	22.755	.57971	.11061	13.400	2.2047	3.4373	6.4297
#2	22.865	.58113	.10707	13.439	2.2418	3.4373	6.4758
#3	22.507	.58284	.10589	13.289	2.2404	3.4409	6.4569

Sample Name: K1627-08 Acquired: 2/27/2019 19:08:14 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-04-(2-5) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19967	F 10.34	.18087	<.00000	F<.00000
Stddev	.00084	.01	.00515	.17010	40.684
%RSD	.42207	.1409	2.8447	3.4345	.52868

#1	.19889	10.32	.17966	-4.8609	-7661.9
#2	.19955	10.35	.18651	-4.8481	-7740.6
#3	.20057	10.34	.17643	-5.1489	-7683.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3380.2	47847.	4469.7	16.512	2557.5
Stddev	10.0	80.	28.6	1.414	6.7
%RSD	.29449	.16685	.64077	8.5644	.26223

#1	3389.2	47920.	4444.6	15.914	2558.7
#2	3382.0	47762.	4463.6	18.126	2563.5
#3	3369.5	47859.	4500.9	15.494	2550.3

Sample Name: K1633-03 Acquired: 2/27/2019 19:12:54 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00361	-.03399	.11535	.01460	-.02800	117.37	.62385
Stddev	.00186	.00098	.00149	.00222	.00126	.45	.00167
%RSD	51.435	2.8706	1.2931	15.204	4.4893	.38636	.26701

#1	.00288	-.03314	.11364	.01715	-.02668	117.25	.62571
#2	.00223	-.03505	.11600	.01355	-.02815	116.98	.62333
#3	.00572	-.03376	.11640	.01310	-.02918	117.87	.62251

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01145	-.00439	12.304	.16474	.13088	.65354	197.93
Stddev	.00004	.00029	.061	.00085	.00043	.00245	1.73
%RSD	.38657	6.5241	.49525	.51459	.33192	.37534	.87205

#1	.01143	-.00439	12.349	.16482	.13124	.65114	199.25
#2	.01150	-.00467	12.328	.16385	.13040	.65604	198.57
#3	.01142	-.00410	12.235	.16554	.13101	.65344	195.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4602	37.982	.21360	-.01451	2.3782	.20439	.46412
Stddev	.0601	.239	.00028	.00073	.0084	.00155	.00113
%RSD	.63553	.62941	.13047	5.0510	.35311	.75653	.24414

#1	9.5185	38.256	.21386	-.01411	2.3877	.20305	.46506
#2	9.3984	37.869	.21363	-.01405	2.3749	.20404	.46286
#3	9.4638	37.820	.21331	-.01535	2.3719	.20608	.46443

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.159	-.00031	.13239	.26687	2.8730	.01253	1.5434
Stddev	.019	.00016	.00447	.01613	.0156	.00131	.0069
%RSD	.18847	52.607	3.3779	6.0434	.54210	10.468	.44936

#1	10.181	-.00033	.13723	.26893	2.8663	.01397	1.5361
#2	10.151	-.00014	.12842	.28187	2.8619	.01139	1.5444
#3	10.145	-.00046	.13151	.24981	2.8908	.01224	1.5498

Sample Name: K1633-03 Acquired: 2/27/2019 19:12:54 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-11-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18881	3.993	-.15111	<.00000	F<.00000
Stddev	.00101	.005	.00200	.19049	8.6243
%RSD	.53698	.1239	1.3229	6.1285	.35683
#1	.18764	3.993	-.15262	-2.9344	-2407.0
#2	.18936	3.988	-.15187	-3.3119	-2420.8
#3	.18942	3.998	-.14884	-3.0788	-2422.9
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3838.6	52887.	4751.3	17.089	2942.3
Stddev	4.8	248.	25.3	1.220	3.5
%RSD	.12491	.46907	.53225	7.1377	.11800
#1	3841.7	52667.	4724.8	17.881	2938.4
#2	3833.1	53156.	4753.8	17.702	2943.5
#3	3841.0	52839.	4775.2	15.684	2945.0

Sample Name: K1633-07 Acquired: 2/27/2019 19:17:29 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00595	-.03772	.10014	.01564	-.02653	103.42	.94839
Stddev	.00230	.00156	.00016	.00180	.00214	.15	.00304
%RSD	38.697	4.1411	.16366	11.510	8.0547	.14862	.32102

#1	.00840	-.03773	.10005	.01768	-.02783	103.33	.94861
#2	.00382	-.03615	.10033	.01499	-.02770	103.32	.94525
#3	.00564	-.03927	.10005	.01426	-.02407	103.59	.95133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01053	-.00625	14.284	.15520	.10024	.70718	194.12
Stddev	.00013	.00011	.044	.00067	.00038	.00088	.19
%RSD	1.2465	1.7745	.30541	.43295	.37723	.12459	.09909

#1	.01052	-.00613	14.262	.15579	.10013	.70817	194.01
#2	.01066	-.00625	14.255	.15534	.10066	.70649	194.01
#3	.01040	-.00636	14.334	.15447	.09993	.70688	194.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5348	36.086	.17842	-.01323	3.1930	.21911	.41821
Stddev	.0267	.076	.00154	.00034	.0138	.00028	.00092
%RSD	.35373	.20935	.86567	2.5521	.43145	.12683	.22013

#1	7.5120	36.002	.17864	-.01304	3.1911	.21879	.41789
#2	7.5641	36.107	.17984	-.01362	3.1803	.21927	.41925
#3	7.5282	36.149	.17678	-.01303	3.2076	.21927	.41749

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4354	-.00048	.12813	.32877	2.7711	.01154	2.0125
Stddev	.0274	.00005	.01483	.00997	.0279	.00097	.0043
%RSD	.29082	10.839	11.571	3.0314	1.0055	8.3663	.21553

#1	9.4613	-.00053	.12248	.33731	2.7774	.01195	2.0105
#2	9.4066	-.00042	.14494	.33118	2.7407	.01223	2.0175
#3	9.4381	-.00048	.11695	.31782	2.7953	.01044	2.0095

Sample Name: K1633-07 Acquired: 2/27/2019 19:17:29 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-11-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16932	5.705	-.14015	<.00000	F<.00000
Stddev	.00231	.005	.00019	.24841	15.730
%RSD	1.3665	.0861	.13330	23.600	.73897

#1	.16678	5.710	-.14021	-.93105	-2127.5
#2	.17131	5.700	-.13994	-.88835	-2113.5
#3	.16986	5.706	-.14030	-1.3384	-2144.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3518.5	48581.	4351.0	16.491	2989.2
Stddev	12.9	66.	6.1	1.300	18.6
%RSD	.36545	.13613	.14106	7.8850	.62261

#1	3529.2	48541.	4350.2	16.934	3004.5
#2	3504.3	48546.	4357.5	15.027	2968.4
#3	3522.1	48658.	4345.4	17.512	2994.6

Sample Name: CCV08 Acquired: 2/27/2019 19:22:05 Type: Unk
Method: P4-ICP2(v2894) 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	5.1577	5.2570	5.1400	5.3208	5.2591	10.959	10.236	.27086
Stddev	.0531	.0444	.0494	.0556	.0448	.109	.119	.00039
%RSD	1.0287	.84462	.96156	1.0446	.85201	.99114	1.1644	.14333
#1	5.1098	5.2136	5.0924	5.2666	5.2241	10.843	10.264	.27112
#2	5.1487	5.2550	5.1367	5.3180	5.2435	11.058	10.106	.27041
#3	5.2147	5.3023	5.1911	5.3776	5.3096	10.977	10.340	.27104
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5810	27.035	F 1.1180	2.6046	1.3331	5.4943	2.7389	26.318
Stddev	.0242	.157	.0017	.0260	.0121	.0578	.0034	.210
%RSD	.93821	.58239	.15131	.99849	.91086	1.0520	.12610	.79627
#1	2.5583	26.854	1.1183	2.5790	1.3229	5.5338	2.7382	26.315
#2	2.5781	27.133	1.1161	2.6039	1.3300	5.4280	2.7359	26.529
#3	2.6065	27.120	1.1195	2.6310	1.3466	5.5212	2.7427	26.110
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6404	F 1.3943	25.339	2.6918	2.5665	26.113	5.2437	5.2951
Stddev	.0261	.0057	.331	.0036	.0258	.366	.0444	.0216
%RSD	.98777	.40568	1.3069	.13299	1.0059	1.4017	.84608	.40700
#1	2.6164	1.3929	25.409	2.6878	2.5413	26.195	5.2063	5.3120
#2	2.6365	1.3895	24.978	2.6929	2.5652	25.713	5.2322	5.2708
#3	2.6681	1.4005	25.629	2.6948	2.5929	26.431	5.2927	5.3025
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3067	5.3277	5.1802	5.2984	5.1214	5.314	5.3900	5.1560
Stddev	.0393	.0515	.0563	.0110	.0568	.019	.0579	.0460
%RSD	.74071	.96682	1.0875	.20681	1.1086	.3627	1.0749	.89215
#1	5.2683	5.3550	5.1332	5.2861	5.1375	5.301	5.4001	5.2084
#2	5.3048	5.2682	5.1648	5.3069	5.0583	5.305	5.3277	5.1224
#3	5.3469	5.3597	5.2427	5.3024	5.1683	5.336	5.4422	5.1371

Sample Name: CCV08 Acquired: 2/27/2019 19:22:05 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .77043
Stddev 1.0616
%RSD 137.79

#1 -.29207
#2 1.8310
#3 .77232

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2946.5	39928.	3546.1	15.579	2900.6
Stddev	21.8	31.	33.3	1.081	24.5
%RSD	.73819	.07672	.93807	6.9354	.84473

#1	2962.1	39903.	3520.2	14.584	2922.5
#2	2955.7	39962.	3583.6	16.728	2905.2
#3	2921.6	39919.	3534.5	15.426	2874.1

Sample Name: CCB08 Acquired: 2/27/2019 19:26:03 Type: Unk
Method: P4-ICP2(v2894) 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	-.00086	-.00167	.00145	.00082	-.00035	-.00326
Stddev	.00046	.00119	.00151	.00369	.00057	.00724	.00401
%RSD	138.75	137.61	90.026	254.54	69.057	2056.8	123.09

#1	-.00031	-.00133	-.00218	-.00234	.00023	-.00869	-.00727
#2	.00012	.00049	-.00285	.00165	.00137	.00429	.00076
#3	-.00080	-.00174	.00002	.00504	.00087	.00335	-.00327

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00003	.01459	-.00013	-.00009	-.00010	.00367
Stddev	.00005	.00003	.00970	.00011	.00017	.00058	.00143
%RSD	128.00	125.69	66.526	83.396	185.10	580.36	39.050

#1	.00008	.00005	.02513	-.00001	.00006	-.00037	.00468
#2	.00007	-.00001	.01259	-.00022	-.00007	.00057	.00203
#3	-.00002	.00004	.00604	-.00016	-.00028	-.00049	.00430

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.02493	.00024	.00009	-.07458	.00017	.00078
Stddev	.00003	.03663	.00032	.00049	.01259	.00040	.00002
%RSD	21.299	146.94	134.08	560.85	16.883	238.36	2.7512

#1	.00018	-.01725	-.00006	-.00014	-.06083	-.00027	.00080
#2	.00012	.04325	.00057	-.00025	-.08555	.00051	.00079
#3	.00016	.04879	.00021	.00065	-.07736	.00027	.00076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22487	.00008	.01640	-.00457	.00709	-.00115	-.00067
Stddev	.04263	.00010	.00266	.00253	.00210	.00066	.00117
%RSD	18.956	134.50	16.230	55.288	29.590	57.505	174.82

#1	.23610	.00019	.01385	-.00653	.00476	-.00123	-.00116
#2	.26076	.00003	.01618	-.00546	.00767	-.00176	-.00151
#3	.17776	.00000	.01916	-.00172	.00883	-.00045	.00067

Sample Name: CCB08 Acquired: 2/27/2019 19:26:03 Type: Unk
 Method: P4-ICP2(v2894) 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 .00621	.0017	.00024	F 3.6235	F<.00000
Stddev	.00394	.0009	.00009	.1156	.95917
%RSD	63.450	56.67	38.482	3.1903	270.04

#1	.00489	.0006	.00020	3.6637	-1.0950
#2	.00309	.0024	.00034	3.4932	-.69911
#3	.01063	.0020	.00017	3.7136	.72852

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3076.8	41914.	3546.7	16.881	3269.1
Stddev	4.1	205.	26.6	.886	.9
%RSD	.13167	.48803	.74898	5.2480	.02716

#1	3072.1	41679.	3572.1	17.725	3268.2
#2	3079.4	42053.	3549.1	16.958	3269.0
#3	3078.9	42009.	3519.1	15.958	3270.0

Sample Name: K1633-07DUP Acquired: 2/27/2019 19:30:31 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-DDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00475	-.03724	.09959	.01716	-.02603	105.61	.96494
Stddev	.00227	.00302	.00090	.00198	.00245	.51	.00907
%RSD	47.673	8.1030	.90532	11.545	9.4042	.48642	.93992

#1	.00648	-.03814	.10016	.01831	-.02510	105.02	.97541
#2	.00559	-.03387	.10005	.01487	-.02881	105.90	.95967
#3	.00219	-.03970	.09855	.01829	-.02420	105.92	.95973

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01059	-.00676	14.616	.15868	.10109	.71034	196.97
Stddev	.00031	.00014	.096	.00065	.00019	.00137	1.93
%RSD	2.9670	2.1079	.65620	.41186	.18462	.19272	.97799

#1	.01035	-.00691	14.701	.15793	.10119	.71100	199.12
#2	.01095	-.00676	14.635	.15897	.10087	.71125	196.41
#3	.01047	-.00662	14.512	.15913	.10120	.70877	195.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7277	36.620	.18252	-.01460	3.2816	.22305	.42054
Stddev	.0540	.262	.00062	.00063	.0246	.00095	.00183
%RSD	.69883	.71500	.34204	4.3308	.74924	.42515	.43430

#1	7.6657	36.920	.18201	-.01389	3.3098	.22267	.42129
#2	7.7531	36.434	.18321	-.01483	3.2699	.22413	.42187
#3	7.7644	36.507	.18234	-.01509	3.2650	.22234	.41845

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5011	-.00031	.13863	.34435	2.7392	.01159	2.0466
Stddev	.1102	.00035	.00558	.00547	.0266	.00031	.0063
%RSD	1.1595	114.40	4.0264	1.5882	.96968	2.7033	.30621

#1	9.6283	-.00029	.14504	.34140	2.7534	.01159	2.0410
#2	9.4366	-.00067	.13484	.34099	2.7556	.01127	2.0454
#3	9.4384	.00003	.13601	.35066	2.7085	.01190	2.0534

Sample Name: K1633-07DUP Acquired: 2/27/2019 19:30:31 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-DDUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17221	5.777	-.14263	<.00000	F<.00000
Stddev	.00173	.009	.00213	.24355	27.175
%RSD	1.0064	.1653	1.4931	36.418	1.2851
#1	.17416	5.766	-.14500	-.93365	-2097.9
#2	.17084	5.783	-.14202	-.61812	-2099.8
#3	.17162	5.783	-.14088	-.45452	-2145.9
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3511.7	47818.	4303.9	16.159	2962.2
Stddev	11.0	148.	54.0	.860	1.4
%RSD	.31327	.30892	1.2550	5.3205	.04579
#1	3499.0	47984.	4245.2	15.811	2962.1
#2	3518.7	47766.	4314.8	15.527	2963.6
#3	3517.3	47703.	4351.6	17.138	2960.9

Sample Name: K1633-07LX5 Acquired: 2/27/2019 19:35:07 Type: Unk
Method: P4-ICP2(v2894) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	-.00832	.01743	.00877	-.00542	25.004	.23608
Stddev	.00381	.00102	.00047	.00204	.00229	.129	.00261
%RSD	1013.1	12.305	2.7101	23.246	42.176	.51492	1.1074

#1	.00472	-.00830	.01691	.00952	-.00282	24.856	.23316
#2	-.00238	-.00935	.01784	.00646	-.00709	25.066	.23688
#3	-.00122	-.00730	.01753	.01032	-.00636	25.090	.23821

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00238	-.00313	3.5953	.03861	.02127	.17484	55.147
Stddev	.00007	.00013	.0156	.00020	.00015	.00066	.363
%RSD	2.9965	4.0856	.43437	.51307	.68467	.37550	.65743

#1	.00237	-.00327	3.5795	.03867	.02120	.17559	55.531
#2	.00232	-.00302	3.6107	.03839	.02143	.17455	55.099
#3	.00246	-.00310	3.5957	.03878	.02117	.17438	54.810

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9372	9.0410	.03762	-.00196	.73118	.05344	.08239
Stddev	.0004	.0702	.00055	.00087	.00666	.00035	.00022
%RSD	.01988	.77610	1.4653	44.520	.91147	.64601	.26735

#1	1.9376	9.0151	.03825	-.00134	.72350	.05327	.08224
#2	1.9371	8.9874	.03737	-.00296	.73468	.05384	.08264
#3	1.9369	9.1204	.03724	-.00159	.73537	.05321	.08228

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4585	-.00048	.05268	.06212	.70754	.00179	.49010
Stddev	.0338	.00065	.00761	.00284	.01288	.00037	.00552
%RSD	1.3754	135.96	14.450	4.5740	1.8206	20.652	1.1272

#1	2.4566	.00023	.05742	.06536	.72225	.00221	.48794
#2	2.4932	-.00063	.05672	.06005	.70205	.00164	.49637
#3	2.4256	-.00103	.04390	.06096	.69831	.00152	.48598

Sample Name: K1633-07LX5 Acquired: 2/27/2019 19:35:07 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04626	1.185	-.04248	3.2917	F<.00000
Stddev	.00233	.002	.00038	.0672	3.2257
%RSD	5.0274	.1227	.89086	2.0416	.74570

#1	.04515	1.186	-.04291	3.2637	-435.18
#2	.04893	1.184	-.04235	3.3684	-433.57
#3	.04469	1.183	-.04218	3.2431	-428.96

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3177.8	42617.	3717.7	16.175	3132.6
Stddev	15.6	71.	30.1	.945	15.6
%RSD	.49033	.16631	.80997	5.8449	.49802

#1	3193.4	42693.	3683.0	15.625	3147.6
#2	3162.2	42604.	3735.4	15.633	3116.5
#3	3177.7	42553.	3734.9	17.267	3133.8

Sample Name: K1633-07MS Acquired: 2/27/2019 19:39:28 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-DMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71922	2.1686	1.1543	1.7523	.17364	123.69	1.2106
Stddev	.00286	.0050	.0025	.0044	.00165	.42	.0032
%RSD	.39709	.22867	.21635	.24927	.94881	.33633	.26530

#1	.71956	2.1738	1.1548	1.7569	.17539	123.24	1.2142
#2	.71621	2.1639	1.1516	1.7517	.17213	124.05	1.2093
#3	.72190	2.1681	1.1565	1.7482	.17339	123.79	1.2082

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20694	.20839	16.675	.54731	.33152	1.1113	185.19
Stddev	.00032	.00044	.010	.00243	.00099	.0006	1.56
%RSD	.15614	.20957	.05957	.44465	.29865	.05665	.84181

#1	.20704	.20890	16.684	.54704	.33230	1.1109	186.23
#2	.20719	.20813	16.677	.54987	.33041	1.1109	183.39
#3	.20657	.20815	16.664	.54503	.33184	1.1120	185.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0556	42.242	.76613	.05869	6.1551	.48587	.67714
Stddev	.0346	.234	.00202	.00027	.0088	.00047	.00035
%RSD	.42921	.55333	.26351	.45391	.14319	.09665	.05201

#1	8.0836	42.106	.76781	.05839	6.1501	.48537	.67729
#2	8.0661	42.107	.76668	.05892	6.1653	.48629	.67674
#3	8.0169	42.512	.76389	.05875	6.1500	.48596	.67739

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.552	.33281	.33340	.30681	3.4785	.72735	1.6908
Stddev	.025	.00059	.00761	.01634	.0206	.00256	.0063
%RSD	.13020	.17733	2.2834	5.3248	.59128	.35264	.37116

#1	19.524	.33219	.32464	.30417	3.5008	.72440	1.6836
#2	19.574	.33286	.33849	.32431	3.4743	.72899	1.6937
#3	19.558	.33337	.33706	.29196	3.4603	.72867	1.6952

Sample Name: K1633-07MS Acquired: 2/27/2019 19:39:28 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-DMS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.39803	F 12.71	.06594	.25159	F<.00000
Stddev	.00033	.03	.00116	.07102	6.5890
%RSD	.08325	.2050	1.7607	28.228	.33957

#1	.39788	12.68	.06525	.31767	-1933.3
#2	.39781	12.72	.06728	.17650	-1946.3
#3	.39841	12.73	.06529	.26061	-1941.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3495.6	47252.	4226.1	16.332	2916.2
Stddev	1.1	115.	23.6	1.064	3.1
%RSD	.03157	.24384	.55867	6.5147	.10789

#1	3494.9	47127.	4198.9	15.172	2912.6
#2	3496.9	47275.	4240.8	17.262	2918.1
#3	3495.0	47354.	4238.6	16.563	2918.0

Sample Name: K1633-07MSD Acquired: 2/27/2019 19:43:58 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-DMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70728	2.1430	1.1339	1.7358	.17101	122.13	1.1879
Stddev	.00047	.0089	.0053	.0008	.00101	.44	.0073
%RSD	.06663	.41503	.46948	.04855	.58784	.36370	.61117

#1	.70710	2.1340	1.1305	1.7364	.17183	122.03	1.1856
#2	.70693	2.1431	1.1311	1.7361	.16989	121.75	1.1960
#3	.70782	2.1518	1.1400	1.7348	.17130	122.62	1.1821

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20462	.20579	16.541	.54161	.32717	1.1049	180.79
Stddev	.00051	.00052	.168	.00036	.00034	.0043	1.44
%RSD	.25130	.25028	1.0185	.06557	.10371	.38646	.79856

#1	.20462	.20558	16.444	.54171	.32680	1.1067	179.83
#2	.20411	.20541	16.736	.54122	.32746	1.1000	182.45
#3	.20514	.20638	16.444	.54191	.32724	1.1080	180.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0313	41.151	.75409	.05789	6.0354	.48020	.66442
Stddev	.0548	.615	.00320	.00112	.0723	.00216	.00281
%RSD	.68246	1.4956	.42485	1.9294	1.1982	.45071	.42227

#1	8.0497	40.563	.75141	.05913	5.9758	.48243	.66215
#2	7.9697	41.790	.75322	.05757	6.1159	.48006	.66357
#3	8.0745	41.101	.75764	.05697	6.0146	.47811	.66756

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.136	.32833	.33573	.31607	3.5881	.71961	1.7002
Stddev	.147	.00106	.00436	.00418	.0501	.00203	.0067
%RSD	.76669	.32265	1.2986	1.3230	1.3975	.28260	.39362

#1	18.982	.32879	.33942	.32000	3.6065	.71753	1.6929
#2	19.274	.32712	.33092	.31653	3.6263	.71971	1.7017
#3	19.150	.32908	.33685	.31167	3.5313	.72160	1.7061

Sample Name: K1633-07MSD Acquired: 2/27/2019 19:43:58 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-DMSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.38526	F 12.64	.06769	.08966	F<.00000
Stddev	.00485	.04	.00286	.15711	10.190
%RSD	1.2577	.3554	4.2239	175.22	.53005

#1	.38019	12.59	.07057	.27025	-1918.1
#2	.38575	12.65	.06764	-.01563	-1915.3
#3	.38984	12.68	.06485	.01437	-1934.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3543.6	47640.	4309.6	16.554	2958.3
Stddev	8.0	97.	40.4	.642	9.1
%RSD	.22509	.20462	.93804	3.8803	.30794

#1	3544.8	47556.	4323.3	16.285	2968.6
#2	3550.9	47747.	4264.1	16.090	2955.4
#3	3535.1	47616.	4341.3	17.287	2951.1

Sample Name: K1633-07A Acquired: 2/27/2019 19:48:26 Type: Unk
Method: P4-ICP2(v2894) 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	.72189	2.2025	1.1666	1.7813	.17709	125.58	1.2469
Stddev	.00339	.0051	.0041	.0065	.00125	.36	.0087
%RSD	.46943	.23024	.35074	.36670	.70461	.28277	.69450

#1	.72376	2.1975	1.1651	1.7740	.17586	125.88	1.2496
#2	.72393	2.2025	1.1712	1.7833	.17707	125.67	1.2371
#3	.71798	2.2076	1.1635	1.7866	.17836	125.18	1.2538

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21035	.21145	17.414	.55667	.33674	1.1349	188.23
Stddev	.00045	.00057	.123	.00347	.00066	.0015	1.74
%RSD	.21321	.27124	.70373	.62335	.19672	.13309	.92226

#1	.21087	.21211	17.445	.55896	.33615	1.1335	186.66
#2	.21004	.21106	17.279	.55838	.33746	1.1346	187.94
#3	.21015	.21119	17.518	.55268	.33662	1.1365	190.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3105	42.371	.77641	.06059	6.2903	.49408	.68591
Stddev	.0076	.356	.00031	.00018	.0455	.00131	.00205
%RSD	.09138	.84053	.03983	.29889	.72316	.26463	.29855

#1	8.3137	42.185	.77656	.06042	6.3171	.49518	.68802
#2	8.3161	42.146	.77605	.06078	6.2378	.49264	.68577
#3	8.3019	42.781	.77662	.06058	6.3160	.49442	.68393

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.841	.33620	.34579	.32871	3.8175	.73936	1.7650
Stddev	.161	.00044	.00101	.00309	.0110	.00241	.0114
%RSD	.80905	.13125	.29234	.94103	.28803	.32568	.64293

#1	19.869	.33641	.34557	.32982	3.8288	.73912	1.7522
#2	19.669	.33569	.34689	.32522	3.8068	.73708	1.7738
#3	19.986	.33649	.34490	.33110	3.8170	.74187	1.7690

Sample Name: K1633-07A Acquired: 2/27/2019 19:48:26 Type: Unk
Method: P4-ICP2(v2894) 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	.39587	F 13.12	.06665	.52704	F<.00000
Stddev	.00370	.04	.00155	.13862	8.0959
%RSD	.93557	.2673	2.3258	26.302	.41843
#1	.39216	13.15	.06826	.57882	-1929.2
#2	.39591	13.13	.06517	.63231	-1944.1
#3	.39956	13.08	.06651	.36998	-1931.2
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.6	46615.	4191.7	15.538	2895.8
Stddev	4.5	169.	24.2	1.108	4.2
%RSD	.13027	.36168	.57707	7.1325	.14472
#1	3486.3	46494.	4191.4	16.452	2892.5
#2	3487.7	46544.	4216.0	15.857	2894.4
#3	3494.8	46808.	4167.6	14.305	2900.5

Sample Name: K1631-14 Acquired: 2/27/2019 19:52:55 Type: Unk
Method: P4-ICP2(v2894) 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	-.00164	-.00167	-.00116	.00333	.00139	.14960	.06353	-.00003
Stddev	.00152	.00105	.00092	.00370	.00097	.00778	.00195	.00001
%RSD	92.741	62.906	78.955	111.13	69.899	5.1972	3.0620	52.676

#1	.00001	-.00114	-.00187	.00247	.00175	.14314	.06573	-.00001
#2	-.00298	-.00287	-.00012	.00013	.00214	.15823	.06205	-.00004
#3	-.00194	-.00099	-.00150	.00738	.00029	.14744	.06280	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	7.9008	.00069	.00005	.00097	.11181	.00729	.68765
Stddev	.00003	.0748	.00022	.00005	.00032	.00144	.00005	.02209
%RSD	41.630	.94653	31.826	93.468	32.473	1.2897	.68719	3.2120

#1	-.00005	7.9601	.00086	.00011	.00117	.11328	.00734	.66490
#2	-.00005	7.8168	.00076	.00003	.00114	.11039	.00728	.70901
#3	-.00010	7.9255	.00044	.00002	.00061	.11175	.00725	.68905

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	.00041	4.1627	.00050	.01788	1.0580	.00021	.02992
Stddev	.00024	.00058	.0527	.00023	.00037	.0369	.00011	.00481
%RSD	29.754	141.32	1.2670	45.410	2.0564	3.4911	53.474	16.070

#1	.00105	.00106	4.1960	.00062	.01767	1.0880	.00027	.02535
#2	.00077	-.00005	4.1019	.00064	.01830	1.0168	.00028	.03493
#3	.00058	.00021	4.1902	.00024	.01766	1.0692	.00008	.02947

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70782	1.3950	-.00155	.00443	.00158	.0310	.01743	3.3188
Stddev	.01394	.0194	.00056	.00056	.00314	.0023	.00028	.1402
%RSD	1.9701	1.3929	36.061	12.517	198.69	7.399	1.6157	4.2253

#1	.71175	1.4148	-.00132	.00493	.00327	.0293	.01774	3.1688
#2	.69234	1.3760	-.00219	.00454	-.00204	.0302	.01718	3.4466
#3	.71938	1.3943	-.00114	.00384	.00351	.0336	.01739	3.3410

Sample Name: K1631-14 Acquired: 2/27/2019 19:52:55 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.1155
Stddev 2.4421
%RSD 115.44

#1 3.7979
#2 -.68555
#3 3.2342

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3087.6	41868.	3606.4	17.561	3282.4
Stddev	6.6	155.	46.0	.793	9.6
%RSD	.21236	.37047	1.2750	4.5181	.29272

#1	3081.0	41697.	3553.4	17.500	3272.8
#2	3094.1	41908.	3636.3	18.383	3292.0
#3	3087.7	41999.	3629.3	16.800	3282.5

Sample Name: K1631-14DUP Acquired: 2/27/2019 19:57:22 Type: Unk
Method: P4-ICP2(v2894) 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	-.00124	-.00293	-.00147	.00323	.00278	.14910	.06603	.00008
Stddev	.00432	.00175	.00104	.00262	.00082	.00870	.00303	.00004
%RSD	349.00	59.768	70.870	81.136	29.354	5.8333	4.5921	57.148

#1	.00360	-.00333	-.00192	.00363	.00312	.15503	.06311	.00005
#2	-.00470	-.00102	-.00222	.00564	.00185	.13912	.06916	.00005
#3	-.00260	-.00446	-.00028	.00043	.00338	.15316	.06583	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	7.8266	.00119	.00003	.00111	.10514	.00682	.66943
Stddev	.00008	.0261	.00036	.00021	.00041	.00132	.00005	.06674
%RSD	284.23	.33309	30.531	759.06	36.684	1.2532	.69417	9.9696

#1	.00005	7.8483	.00155	-.00022	.00147	.10631	.00687	.71917
#2	-.00004	7.7977	.00083	.00017	.00067	.10540	.00678	.69553
#3	-.00010	7.8338	.00119	.00013	.00118	.10371	.00681	.59358

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	-.00039	4.0904	.00066	.01641	.98381	.00016	.03339
Stddev	.00047	.00011	.0243	.00044	.00015	.02140	.00006	.01083
%RSD	36.723	28.922	.59373	66.550	.89199	2.1751	35.425	32.431

#1	.00081	-.00026	4.1054	.00106	.01628	1.0083	.00015	.02788
#2	.00130	-.00045	4.0624	.00019	.01657	.96882	.00011	.04586
#3	.00175	-.00047	4.1035	.00072	.01638	.97429	.00022	.02642

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70222	1.3767	-.00122	.00604	.00108	.0308	.01733	3.3799
Stddev	.01478	.0086	.00059	.00203	.00144	.0006	.00001	.2310
%RSD	2.1044	.62405	48.710	33.680	133.89	1.867	.04234	6.8352

#1	.71885	1.3800	-.00138	.00660	.00095	.0315	.01732	3.5109
#2	.69718	1.3831	-.00056	.00378	.00258	.0307	.01733	3.1131
#3	.69061	1.3669	-.00171	.00773	-.00030	.0304	.01733	3.5156

Sample Name: K1631-14DUP Acquired: 2/27/2019 19:57:22 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9090
Stddev 2.3453
%RSD 80.625

#1 .25202
#2 3.7834
#3 4.6914

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3115.1	41819.	3593.0	17.203	3303.6
Stddev	10.3	156.	11.5	1.565	7.1
%RSD	.33159	.37355	.32094	9.0950	.21412

#1	3121.2	41719.	3580.0	18.458	3306.5
#2	3103.2	41999.	3597.0	15.450	3295.5
#3	3120.9	41740.	3601.9	17.700	3308.8

Sample Name: K1631-14LX5 Acquired: 2/27/2019 20:01:49 Type: Unk
Method: P4-ICP2(v2894) 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	-.00171	-.00203	-.00164	.00387	.00226	.03864	.01909	.00005
Stddev	.00129	.00054	.00061	.00149	.00124	.01158	.00156	.00002
%RSD	75.350	26.835	37.403	38.540	54.869	29.977	8.1753	38.465

#1	-.00093	-.00256	-.00234	.00233	.00237	.03254	.02071	.00003
#2	-.00320	-.00206	-.00120	.00398	.00097	.05200	.01897	.00005
#3	-.00101	-.00147	-.00138	.00530	.00345	.03139	.01760	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	1.7621	.00023	-.00010	.00019	.02822	.00153	.12995
Stddev	.00009	.0072	.00026	.00015	.00042	.00153	.00001	.00890
%RSD	437.28	.40668	111.69	148.03	223.36	5.4388	.39468	6.8486

#1	-.00008	1.7602	.00030	-.00000	.00066	.02904	.00153	.13812
#2	.00008	1.7561	-.00006	-.00003	.00005	.02916	.00153	.13125
#3	.00006	1.7700	.00045	-.00027	-.00015	.02645	.00154	.12047

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	-.00003	.83123	-.00008	.00361	.36491	-.00019	.00728
Stddev	.00033	.00024	.01318	.00018	.00016	.02157	.00034	.01705
%RSD	86.931	723.81	1.5861	218.79	4.5264	5.9118	179.63	234.36

#1	.00002	-.00023	.83485	-.00026	.00343	.35063	.00009	-.00616
#2	.00045	.00023	.84222	.00008	.00375	.35437	-.00010	.00152
#3	.00067	-.00010	.81661	-.00006	.00365	.38972	-.00056	.02646

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14925	.31667	-.00121	.00027	.00078	.0097	.00395	3.4072
Stddev	.00742	.00852	.00086	.00278	.00104	.0007	.00007	.0629
%RSD	4.9721	2.6915	71.664	1032.8	133.93	7.293	1.8572	1.8463

#1	.15284	.32548	-.00056	.00126	.00010	.0102	.00387	3.4795
#2	.15419	.31609	-.00087	.00241	.00198	.0089	.00401	3.3779
#3	.14071	.30846	-.00219	-.00287	.00025	.0099	.00396	3.3644

Sample Name: K1631-14LX5 Acquired: 2/27/2019 20:01:49 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.5365
Stddev	.5041
%RSD	11.112

#1	4.6946
#2	3.9724
#3	4.9427

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3145.7	42022.	3604.3	16.694	3339.6
Stddev	12.2	81.	55.6	.734	9.3
%RSD	.38745	.19374	1.5419	4.3962	.27719

#1	3146.2	41986.	3556.1	17.525	3341.5
#2	3157.7	42115.	3591.7	16.133	3347.8
#3	3133.3	41964.	3665.1	16.425	3329.6

Sample Name: K1631-14MS Acquired: 2/27/2019 20:06:17 Type: Unk
Method: P4-ICP2(v2894) 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	.77059	2.0403	.96651	2.0040	.82057	2.3112	.28209
Stddev	.00181	.0041	.00183	.0101	.00228	.0311	.00043
%RSD	.23482	.20078	.18931	.50286	.27841	1.3442	.15409

#1	.77178	2.0356	.96444	1.9941	.82231	2.3463	.28237
#2	.77148	2.0424	.96792	2.0036	.81798	2.3000	.28232
#3	.76850	2.0429	.96716	2.0142	.82142	2.2872	.28159

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20698	.19186	9.0903	.46143	.20188	.32638	3.5898
Stddev	.00029	.00020	.0159	.00080	.00002	.00023	.0354
%RSD	.14052	.10587	.17515	.17376	.00791	.07005	.98731

#1	.20693	.19163	9.0910	.46100	.20186	.32630	3.5577
#2	.20728	.19202	9.0741	.46093	.20189	.32621	3.5839
#3	.20671	.19192	9.1059	.46235	.20189	.32664	3.6279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23295	2.8269	.51602	.07876	7.2383	.33319	.20606
Stddev	.00065	.0355	.00135	.00045	.0210	.00104	.00018
%RSD	.27710	1.2545	.26154	.56515	.29030	.31190	.08601

#1	.23333	2.8674	.51454	.07872	7.2279	.33278	.20588
#2	.23330	2.8123	.51632	.07834	7.2625	.33437	.20607
#3	.23220	2.8011	.51719	.07922	7.2245	.33242	.20623

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.581	.41531	.35494	.70134	2.3818	.67325	.21073
Stddev	.048	.00141	.01187	.00318	.0111	.00051	.00380
%RSD	.41118	.33996	3.3444	.45350	.46538	.07645	1.8048

#1	11.595	.41485	.36160	.70183	2.3743	.67377	.21456
#2	11.620	.41419	.36198	.69794	2.3945	.67323	.20696
#3	11.528	.41690	.34123	.70424	2.3765	.67274	.21066

Sample Name: K1631-14MS Acquired: 2/27/2019 20:06:17 Type: Unk
Method: P4-ICP2(v2894) 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	.22605	5.780	.23231	3.8406	F<.00000
Stddev	.00286	.005	.00071	.1956	1.6847
%RSD	1.2660	.0796	.30578	5.0935	3.1875

#1	.22679	5.783	.23306	3.6851	-53.589
#2	.22289	5.775	.23222	3.7765	-50.927
#3	.22847	5.782	.23165	4.0603	-54.047

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3057.6	41311.	3538.8	16.780	3183.4
Stddev	14.7	56.	26.1	1.678	13.7
%RSD	.48106	.13621	.73733	10.000	.42940

#1	3041.2	41374.	3568.2	17.491	3170.9
#2	3069.6	41266.	3530.0	17.984	3198.0
#3	3062.1	41294.	3518.3	14.863	3181.3

Sample Name: K1631-14MSD Acquired: 2/27/2019 20:10:23 Type: Unk
Method: P4-ICP2(v2894) 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	.77696	2.0619	.97607	2.0190	.82252	2.3168	.28821
Stddev	.00193	.0028	.00043	.0042	.00697	.0226	.00223
%RSD	.24849	.13684	.04443	.20884	.84698	.97384	.77477

#1	.77791	2.0644	.97574	2.0238	.82981	2.3248	.28653
#2	.77823	2.0624	.97656	2.0167	.82183	2.2913	.29075
#3	.77474	2.0588	.97592	2.0163	.81593	2.3342	.28737

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20828	.19387	9.2098	.46677	.20424	.32777	3.6344
Stddev	.00035	.00027	.0444	.00085	.00034	.00113	.0222
%RSD	.16598	.13803	.48219	.18263	.16654	.34500	.60980

#1	.20800	.19383	9.1590	.46585	.20449	.32670	3.6271
#2	.20867	.19362	9.2411	.46753	.20385	.32895	3.6593
#3	.20818	.19415	9.2293	.46694	.20438	.32766	3.6168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23484	2.8314	.52100	.07897	7.3375	.33525	.20810
Stddev	.00009	.0774	.00058	.00030	.0307	.00076	.00014
%RSD	.04018	2.7319	.11139	.37709	.41843	.22575	.06835

#1	.23494	2.7445	.52086	.07929	7.3022	.33450	.20807
#2	.23483	2.8571	.52164	.07892	7.3520	.33601	.20825
#3	.23476	2.8926	.52050	.07870	7.3582	.33524	.20797

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.634	.41795	.34116	.72309	2.4046	.67739	.21256
Stddev	.036	.00116	.01328	.00450	.0092	.00179	.00385
%RSD	.31294	.27706	3.8916	.62167	.38472	.26375	1.8121

#1	11.609	.41692	.32584	.72783	2.3998	.67764	.20927
#2	11.616	.41920	.34939	.72253	2.3988	.67549	.21162
#3	11.675	.41772	.34823	.71889	2.4153	.67904	.21680

Sample Name: K1631-14MSD Acquired: 2/27/2019 20:10:23 Type: Unk
Method: P4-ICP2(v2894) 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	.22821	5.829	.23352	4.1497	F<.00000
Stddev	.00248	.016	.00088	.0516	1.9491
%RSD	1.0886	.2767	.37732	1.2435	3.5858
#1	.22752	5.848	.23268	4.1668	-56.588
#2	.22615	5.822	.23444	4.1905	-52.986
#3	.23097	5.819	.23345	4.0917	-53.494
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3046.8	40992.	3511.9	15.523	3167.8
Stddev	11.9	103.	15.1	1.185	8.4
%RSD	.39172	.25199	.43013	7.6356	.26542
#1	3037.8	40882.	3504.2	16.827	3159.1
#2	3042.2	41007.	3502.1	14.511	3168.4
#3	3060.3	41087.	3529.3	15.230	3175.9

Sample Name: CCV09 Acquired: 2/27/2019 20:14:30 Type: Unk
Method: P4-ICP2(v2894) 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	5.0917	5.2473	5.0804	5.2924	5.1892	F 11.112	10.330
Stddev	.0146	.0097	.0193	.0225	.0171	.108	.046
%RSD	.28607	.18408	.37911	.42485	.33025	.97353	.44209

#1	5.1033	5.2554	5.1017	5.3040	5.2075	11.011	10.307
#2	5.0964	5.2499	5.0752	5.3067	5.1863	11.226	10.300
#3	5.0754	5.2366	5.0643	5.2665	5.1736	11.100	10.382

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27323	2.5702	27.310	F 1.1483	2.5822	1.3290	F 5.6137
Stddev	.00048	.0084	.129	.0025	.0065	.0060	.0287
%RSD	.17437	.32835	.47098	.21418	.25314	.45547	.51088

#1	.27347	2.5799	27.214	1.1458	2.5897	1.3344	5.6173
#2	.27269	2.5658	27.261	1.1507	2.5788	1.3301	5.5834
#3	.27355	2.5648	27.456	1.1485	2.5781	1.3224	5.6404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.7747	26.440	2.6498	F 1.4201	25.678	2.7317	2.5339
Stddev	.0016	.134	.0038	.0025	.110	.0061	.0070
%RSD	.05909	.50830	.14256	.17363	.42985	.22297	.27694

#1	2.7754	26.322	2.6533	1.4179	25.693	2.7386	2.5420
#2	2.7759	26.411	2.6504	1.4196	25.561	2.7271	2.5291
#3	2.7729	26.586	2.6458	1.4228	25.781	2.7293	2.5307

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.124	5.1725	5.3491	5.2595	5.3879	5.1700	5.2804
Stddev	.067	.0156	.0392	.0106	.0272	.0101	.0162
%RSD	.25692	.30144	.73246	.20150	.50542	.19590	.30650

#1	26.202	5.1847	5.3116	5.2563	5.3851	5.1814	5.2620
#2	26.087	5.1778	5.3458	5.2713	5.3621	5.1621	5.2866
#3	26.083	5.1550	5.3898	5.2508	5.4164	5.1665	5.2924

Sample Name: CCV09 Acquired: 2/27/2019 20:14:30 Type: Unk
 Method: P4-ICP2(v2894) 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	5.1459	5.317	5.3985	4.9573	F<.00000
Stddev	.0164	.005	.0251	.1198	4.0422
%RSD	.31950	.0891	.46583	2.4174	484.14
#1	5.1435	5.320	5.3963	4.8261	-4.9121
#2	5.1308	5.319	5.3745	4.9847	-.76391
#3	5.1634	5.311	5.4246	5.0610	3.1713
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3013.2	39711.	3536.7	15.673	2945.4
Stddev	6.1	49.	18.4	.748	4.5
%RSD	.20305	.12385	.52038	4.7720	.15140
#1	3008.0	39763.	3533.1	15.828	2940.3
#2	3011.6	39703.	3556.7	16.331	2948.4
#3	3019.9	39666.	3520.4	14.860	2947.7

Sample Name: CCB09 Acquired: 2/27/2019 20:18:29 Type: Unk
Method: P4-ICP2(v2894) 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	-.00330	-.00083	-.00219	.00450	.00120	-.00420	.00211
Stddev	.00092	.00016	.00051	.00338	.00320	.00798	.00458
%RSD	27.762	18.923	23.412	75.189	265.99	189.92	217.56

#1	-.00426	-.00078	-.00184	.00093	.00287	.00467	.00739
#2	-.00321	-.00070	-.00278	.00491	-.00249	-.01079	-.00067
#3	-.00243	-.00100	-.00196	.00766	.00323	-.00647	-.00040

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00012	.02769	.00022	.00007	-.00087	.00254
Stddev	.00011	.00012	.01410	.00020	.00011	.00053	.00082
%RSD	534.59	97.295	50.905	90.639	149.91	61.394	32.110

#1	.00000	.00013	.04344	-.00001	.00007	-.00027	.00283
#2	-.00008	-.00000	.01625	.00032	.00018	-.00105	.00317
#3	.00014	.00023	.02338	.00036	-.00003	-.00130	.00162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.04896	.00012	.00020	-.07266	.00022	.00051
Stddev	.00004	.03553	.00039	.00036	.00687	.00044	.00011
%RSD	27.903	72.568	317.01	179.79	9.4537	202.36	21.279

#1	.00013	-.07139	.00049	-.00009	-.06734	-.00011	.00063
#2	.00017	-.00800	-.00029	.00060	-.08041	.00004	.00048
#3	.00010	-.06748	.00018	.00009	-.07022	.00072	.00042

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25225	-.00022	.00760	-.00893	.00413	-.00044	-.00176
Stddev	.02534	.00016	.00093	.00812	.00303	.00028	.00078
%RSD	10.047	72.637	12.280	90.976	73.376	64.215	44.303

#1	.22372	-.00024	.00868	.00045	.00307	-.00026	-.00107
#2	.27215	-.00005	.00698	-.01349	.00177	-.00076	-.00260
#3	.26088	-.00036	.00715	-.01375	.00755	-.00029	-.00159

Sample Name: CCB09 Acquired: 2/27/2019 20:18:29 Type: Unk
 Method: P4-ICP2(v2894) 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 .00685	.0022	.00031	F 3.1650	F<.00000
Stddev	.00290	.0004	.00007	.0245	1.8572
%RSD	42.325	19.90	22.220	.77254	1248.0

#1	.00512	.0019	.00033	3.1369	1.9365
#2	.00524	.0021	.00036	3.1811	-.75788
#3	.01020	.0027	.00023	3.1770	-1.6250

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3175.4	42174.	3618.3	16.675	3336.7
Stddev	25.5	59.	.9	1.005	35.9
%RSD	.80415	.13993	.02470	6.0275	1.0773

#1	3160.6	42111.	3618.3	17.617	3299.4
#2	3160.8	42229.	3619.2	16.792	3339.6
#3	3204.9	42181.	3617.4	15.617	3371.1

Sample Name: K1631-14A Acquired: 2/27/2019 20:22:57 Type: Unk
Method: P4-ICP2(v2894) 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	.75986	2.0091	.94973	1.9749	.80692	2.3194	.27769
Stddev	.00211	.0067	.00309	.0071	.00259	.0328	.00392
%RSD	.27714	.33616	.32556	.35978	.32039	1.4124	1.4099

#1	.76118	2.0129	.95307	1.9699	.80962	2.3463	.28184
#2	.76097	2.0013	.94696	1.9717	.80667	2.2829	.27407
#3	.75743	2.0131	.94917	1.9830	.80447	2.3291	.27716

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20360	.18895	8.9838	.45668	.19863	.32057	3.4895
Stddev	.00059	.00049	.0151	.00077	.00068	.00058	.0307
%RSD	.29041	.25719	.16784	.16846	.34153	.18017	.88107

#1	.20346	.18934	8.9958	.45600	.19785	.32123	3.4907
#2	.20309	.18910	8.9669	.45752	.19908	.32014	3.5196
#3	.20425	.18841	8.9888	.45652	.19897	.32034	3.4582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22900	2.7994	.50935	.07803	7.0784	.32712	.20181
Stddev	.00027	.0351	.00144	.00056	.0471	.00131	.00044
%RSD	.11897	1.2541	.28190	.71286	.66541	.39895	.21989

#1	.22921	2.7667	.51101	.07827	7.1309	.32690	.20219
#2	.22869	2.7949	.50843	.07842	7.0644	.32594	.20191
#3	.22910	2.8365	.50862	.07739	7.0399	.32852	.20132

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.391	.40743	.34818	.69316	2.3055	.66168	.20654
Stddev	.101	.00156	.01318	.01894	.0062	.00019	.00256
%RSD	.89041	.38349	3.7851	2.7319	.26700	.02904	1.2388

#1	11.497	.40858	.35281	.71379	2.3113	.66147	.20398
#2	11.295	.40807	.33331	.68914	2.3062	.66184	.20654
#3	11.383	.40565	.35842	.67656	2.2991	.66172	.20910

Sample Name: K1631-14A Acquired: 2/27/2019 20:22:57 Type: Unk
 Method: P4-ICP2(v2894) 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	.21973	5.691	.22780	3.6570	F<.00000
Stddev	.00179	.024	.00082	.0962	.93724
%RSD	.81268	.4211	.36134	2.6314	1.7934
#1	.21887	5.715	.22829	3.6385	-51.658
#2	.21854	5.692	.22685	3.7612	-51.783
#3	.22178	5.667	.22827	3.5714	-53.340
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.9	41801.	3658.6	16.516	3246.5
Stddev	15.7	62.	21.4	.279	17.7
%RSD	.50150	.14887	.58581	1.6882	.54453
#1	3106.7	41865.	3648.8	16.202	3227.9
#2	3127.6	41795.	3643.7	16.735	3248.3
#3	3137.3	41741.	3683.1	16.610	3263.2

Sample Name: K1632-02 Acquired: 2/27/2019 20:27:04 Type: Unk
Method: P4-ICP2(v2894) 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	-.00292	-.00280	-.00312	.00106	.00385	.10757	.15348
Stddev	.00283	.00078	.00054	.00043	.00088	.00585	.00146
%RSD	96.897	27.826	17.465	40.420	22.896	5.4344	.94979

#1	-.00601	-.00230	-.00271	.00089	.00404	.11364	.15422
#2	-.00228	-.00240	-.00290	.00154	.00462	.10197	.15180
#3	-.00046	-.00370	-.00373	.00073	.00289	.10710	.15441

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00064	3.2960	.00062	-.00011	.00068	1.2764
Stddev	.00008	.00004	.0194	.00042	.00008	.00028	.0063
%RSD	673.18	5.9391	.58915	67.153	71.224	41.214	.49139

#1	-.00005	.00068	3.2832	.00049	-.00017	.00047	1.2826
#2	.00008	.00060	3.2865	.00108	-.00002	.00057	1.2764
#3	-.00006	.00063	3.3184	.00028	-.00013	.00100	1.2701

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27734	.24368	.00180	-.00016	2.2457	-.00041	7.6584
Stddev	.00054	.02157	.00034	.00017	.0073	.00056	.0487
%RSD	.19562	8.8504	19.036	111.06	.32668	135.91	.63648

#1	.27673	.25988	.00218	.00003	2.2503	-.00000	7.6021
#2	.27755	.25195	.00172	-.00031	2.2372	-.00105	7.6850
#3	.27775	.21920	.00151	-.00019	2.2495	-.00018	7.6881

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5867	-.00126	.13381	1.2504	.09199	-.00065	-.00074
Stddev	.0503	.00014	.00203	.0355	.00335	.00069	.00139
%RSD	3.1699	11.310	1.5174	2.8407	3.6379	105.17	187.55

#1	1.6078	-.00133	.13447	1.2869	.09179	-.00108	-.00193
#2	1.6230	-.00110	.13154	1.2482	.08874	.00014	-.00107
#3	1.5293	-.00136	.13543	1.2160	.09543	-.00102	.00078

Sample Name: K1632-02 Acquired: 2/27/2019 20:27:04 Type: Unk
 Method: P4-ICP2(v2894) 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	.00221	.2574	.00491	3.3466	F<.00000
Stddev	.00211	.0010	.00019	.1628	3.1194
%RSD	95.811	.4047	3.8584	4.8651	31.823
#1	.00007	.2573	.00505	3.1858	-12.332
#2	.00224	.2565	.00500	3.3428	-6.3167
#3	.00430	.2585	.00470	3.5113	-10.758
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3120.5	41729.	3621.2	16.556	3292.8
Stddev	11.0	64.	15.3	.568	15.7
%RSD	.35217	.15350	.42236	3.4326	.47531
#1	3133.2	41788.	3604.0	16.858	3310.7
#2	3114.1	41661.	3626.4	15.900	3282.2
#3	3114.1	41736.	3633.3	16.908	3285.4

Sample Name: K1632-03 Acquired: 2/27/2019 20:31:29 Type: Unk
Method: P4-ICP2(v2894) 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	-.00560	-.00185	.00852	.00187	.02324	.14322
Stddev	.00245	.00089	.00165	.00324	.00162	.01761	.00533
%RSD	65.553	15.887	89.265	38.069	86.303	75.775	3.7234

#1	-.00133	-.00513	-.00070	.01204	.00039	.01971	.14587
#2	-.00365	-.00505	-.00112	.00786	.00360	.04235	.13708
#3	-.00623	-.00663	-.00375	.00565	.00163	.00767	.14670

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00136	52.000	-.00234	-.00017	-.00011	18.089
Stddev	.00003	.00004	.154	.00092	.00018	.00051	.140
%RSD	13.400	2.9018	.29696	39.268	107.11	487.81	.77460

#1	.00027	-.00132	51.873	-.00285	-.00025	.00045	18.082
#2	.00021	-.00136	51.956	-.00288	-.00031	-.00020	17.952
#3	.00024	-.00139	52.172	-.00128	.00004	-.00057	18.232

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1717	4.6802	-.00366	-.00102	471.20	-.00158	.16322
Stddev	.0004	.0534	.00051	.00030	5.58	.00025	.00048
%RSD	.03524	1.1421	13.987	29.407	1.1832	15.769	.29694

#1	1.1713	4.7124	-.00424	-.00098	475.99	-.00137	.16371
#2	1.1719	4.7097	-.00327	-.00133	465.08	-.00151	.16274
#3	1.1720	4.6185	-.00346	-.00074	472.53	-.00186	.16322

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.448	-.00002	.04991	1.6394	.32605	.00248	-.00406
Stddev	.103	.00024	.01202	.0180	.00667	.00065	.00223
%RSD	.76802	1176.4	24.085	1.0976	2.0467	26.364	55.012

#1	13.493	.00025	.05084	1.6546	.31979	.00267	-.00363
#2	13.330	-.00008	.03745	1.6440	.33307	.00175	-.00207
#3	13.522	-.00023	.06144	1.6195	.32530	.00302	-.00647

Sample Name: K1632-03 Acquired: 2/27/2019 20:31:29 Type: Unk
Method: P4-ICP2(v2894) 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	.01849	.0089	.30090	6.1464	F<.00000
Stddev	.00348	.0011	.00145	.1071	2.1343
%RSD	18.818	11.98	.48070	1.7419	2.0782

#1	.01640	.0077	.30093	6.2569	-100.54
#2	.01656	.0098	.30233	6.0432	-102.76
#3	.02250	.0091	.29944	6.1390	-104.81

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2830.0	36481.	3453.3	15.864	2737.4
Stddev	12.4	160.	24.3	.967	12.8
%RSD	.43951	.43990	.70309	6.0954	.46918

#1	2815.6	36351.	3442.5	15.891	2722.6
#2	2837.6	36431.	3481.1	16.817	2744.3
#3	2836.7	36661.	3436.3	14.883	2745.3

Sample Name: K1350-12 Acquired: 2/27/2019 20:36:02 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00322	-.00394	.00499	.00489	-.00097	.11894	.09336	.00014
Stddev	.00094	.00368	.00063	.00197	.00332	.00949	.00572	.00002
%RSD	29.156	93.478	12.641	40.279	342.54	7.9750	6.1221	13.196

#1	-.00411	.00023	.00494	.00656	.00040	.11265	.09603	.00014
#2	-.00330	-.00675	.00565	.00539	.00145	.12985	.09725	.00012
#3	-.00224	-.00529	.00439	.00272	-.00475	.11432	.08680	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	37.128	.00053	.00368	.00383	.04699	.74274	2.1840
Stddev	.00008	.138	.00020	.00030	.00019	.00079	.00176	.0315
%RSD	19357.	.37167	37.231	8.2429	5.0690	1.6713	.23723	1.4405

#1	-.00010	36.970	.00050	.00364	.00396	.04617	.74448	2.1993
#2	.00006	37.189	.00074	.00340	.00360	.04706	.74096	2.1478
#3	.00004	37.224	.00035	.00400	.00391	.04774	.74279	2.2048

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00349	.00003	284.60	-.00073	.02323	.94947	.00003	.01646
Stddev	.00031	.00014	4.27	.00004	.00008	.03225	.00012	.00713
%RSD	8.9892	539.52	1.4991	5.9707	.36128	3.3966	361.96	43.329

#1	.00384	-.00012	284.16	-.00076	.02318	.96144	-.00007	.00828
#2	.00337	.00017	289.07	-.00074	.02333	.91295	-.00000	.02141
#3	.00325	.00003	280.57	-.00068	.02319	.97402	.00017	.01967

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42590	.53237	.00119	.00002	.01530	.0064	.15714	4.9121
Stddev	.02477	.00514	.00036	.00319	.00412	.0012	.00050	.2074
%RSD	5.8152	.96542	29.764	20652.	26.899	19.20	.31520	4.2212

#1	.45445	.53637	.00159	.00136	.01775	.0072	.15657	4.6735
#2	.41026	.53417	.00090	-.00363	.01055	.0070	.15737	5.0490
#3	.41299	.52657	.00109	.00231	.01760	.0050	.15748	5.0137

Sample Name: K1350-12 Acquired: 2/27/2019 20:36:02 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	27.561
Stddev	1.848
%RSD	6.7062

#1	29.003
#2	25.477
#3	28.203

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2985.8	38617.	3598.1	16.414	2903.4
Stddev	13.2	147.	30.2	.121	15.0
%RSD	.44315	.37938	.84009	.73980	.51498

#1	2990.9	38522.	3595.7	16.300	2902.4
#2	2970.8	38786.	3569.1	16.542	2888.9
#3	2995.8	38544.	3629.4	16.400	2918.8

Sample Name: K1350-12DUP Acquired: 2/27/2019 20:40:37 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00289	-.00483	.00428	.00488	.00058	.11134	.08723	.00012
Stddev	.00270	.00119	.00013	.00339	.00131	.00589	.00329	.00006
%RSD	93.360	24.682	3.0213	69.456	223.68	5.2880	3.7659	55.907

#1	-.00161	-.00478	.00443	.00779	.00034	.11471	.08920	.00006
#2	-.00599	-.00366	.00418	.00116	.00199	.10454	.08344	.00019
#3	-.00107	-.00604	.00424	.00570	-.00059	.11477	.08905	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	35.598	.00090	.00389	.00389	.04625	.71284	2.0816
Stddev	.00010	.041	.00023	.00015	.00039	.00121	.00091	.0608
%RSD	186.02	.11489	25.079	3.7831	10.003	2.6100	.12720	2.9207

#1	-.00005	35.553	.00101	.00401	.00416	.04590	.71218	2.1135
#2	.00016	35.632	.00064	.00372	.00406	.04760	.71246	2.0115
#3	.00006	35.610	.00106	.00393	.00344	.04526	.71387	2.1199

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00381	-.00020	272.45	-.00069	.01825	.95589	-.00001	.02440
Stddev	.00060	.00046	.47	.00055	.00014	.02752	.00017	.00904
%RSD	15.746	224.86	.17279	78.615	.75773	2.8790	2897.4	37.048

#1	.00400	-.00056	272.61	-.00119	.01816	.93020	.00013	.03060
#2	.00428	-.00036	271.92	-.00079	.01819	.95254	-.00019	.01403
#3	.00313	.00031	272.82	-.00011	.01841	.98493	.00004	.02857

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42039	.50890	.00051	-.00081	.01939	.0045	.15042	4.7032
Stddev	.01295	.00646	.00034	.00343	.00326	.0004	.00037	.1407
%RSD	3.0793	1.2687	66.139	421.83	16.823	8.327	.24547	2.9927

#1	.42097	.50874	.00014	-.00183	.01741	.0047	.15065	4.5653
#2	.43304	.51544	.00079	-.00361	.01761	.0041	.15061	4.6977
#3	.40717	.50253	.00059	.00301	.02316	.0047	.14999	4.8467

Sample Name: K1350-12DUP Acquired: 2/27/2019 20:40:37 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	29.686
Stddev	1.919
%RSD	6.4634

#1	27.749
#2	29.723
#3	31.586

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3030.6	39402.	3673.1	16.047	2951.2
Stddev	15.5	71.	11.3	.789	8.9
%RSD	.51046	.18085	.30679	4.9195	.30040

#1	3048.3	39430.	3661.0	16.692	2961.4
#2	3019.8	39321.	3675.0	16.283	2945.6
#3	3023.7	39455.	3683.3	15.167	2946.6

Sample Name: K1350-12LX5 Acquired: 2/27/2019 20:45:11 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7974 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	-.00068	-.00075	.00145	-.00095	.01886	.01881	.00015
Stddev	.00274	.00100	.00079	.00228	.00117	.00788	.00158	.00006
%RSD	231.44	147.15	105.70	156.97	123.25	41.768	8.4273	39.068

#1	.00188	-.00023	-.00022	-.00082	-.00153	.02775	.01992	.00010
#2	-.00340	-.00182	-.00166	.00373	.00040	.01609	.01950	.00012
#3	-.00203	.00001	-.00037	.00144	-.00171	.01275	.01699	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	7.4874	.00041	.00075	.00086	.01108	.15231	.40731
Stddev	.00001	.0016	.00032	.00006	.00013	.00095	.00106	.04186
%RSD	19.672	.02187	79.441	8.6922	15.159	8.5287	.69769	10.277

#1	.00002	7.4890	.00039	.00082	.00071	.01002	.15249	.35916
#2	.00003	7.4875	.00009	.00070	.00093	.01139	.15327	.42771
#3	.00003	7.4858	.00074	.00072	.00095	.01183	.15116	.43505

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00093	.00015	58.662	.00007	.00443	.39482	-.00014	-.00306
Stddev	.00021	.00026	.438	.00026	.00010	.05220	.00018	.00604
%RSD	22.887	171.31	.74690	351.73	2.1501	13.221	126.43	197.17

#1	.00089	.00011	58.548	.00014	.00436	.39392	-.00020	-.00267
#2	.00116	-.00008	58.292	-.00021	.00454	.34308	-.00029	-.00929
#3	.00074	.00043	59.146	.00030	.00440	.44747	.00006	.00277

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05856	.11529	-.00097	-.00031	.01220	.0043	.03166	3.4929
Stddev	.00735	.00133	.00042	.00032	.00376	.0009	.00007	.0969
%RSD	12.542	1.1546	42.986	102.28	30.778	21.54	.22498	2.7745

#1	.06091	.11611	-.00066	-.00063	.01620	.0035	.03159	3.5327
#2	.05033	.11599	-.00080	.00001	.00875	.0041	.03174	3.5636
#3	.06445	.11375	-.00144	-.00031	.01165	.0054	.03167	3.3825

Sample Name: K1350-12LX5 Acquired: 2/27/2019 20:45:11 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7974 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.2448
Stddev	3.5891
%RSD	43.532

#1	4.1373
#2	10.776
#3	9.8209

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3155.8	41181.	3632.3	16.238	3187.9
Stddev	15.9	99.	9.1	2.037	13.3
%RSD	.50381	.24086	.24931	12.543	.41610

#1	3140.8	41170.	3630.1	15.406	3172.9
#2	3172.5	41088.	3642.2	18.559	3198.2
#3	3154.0	41285.	3624.5	14.749	3192.5

Sample Name: K1350-12MS Acquired: 2/27/2019 20:49:39 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76286	1.9110	.93173	2.0158	.78691	2.3015	.29255
Stddev	.00414	.0025	.00150	.0061	.00055	.0289	.00104
%RSD	.54207	.13185	.16093	.30394	.07016	1.2534	.35624

#1	.76292	1.9104	.93076	2.0202	.78652	2.2724	.29206
#2	.75869	1.9088	.93346	2.0184	.78665	2.3301	.29374
#3	.76696	1.9138	.93098	2.0088	.78754	2.3020	.29184

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20773	.19266	37.998	.44467	.20064	.30481	3.1402
Stddev	.00036	.00043	.182	.00199	.00030	.00032	.0187
%RSD	.17158	.22112	.47821	.44805	.14961	.10388	.59443

#1	.20750	.19271	37.789	.44336	.20073	.30468	3.1490
#2	.20814	.19220	38.098	.44368	.20088	.30458	3.1187
#3	.20755	.19305	38.108	.44696	.20030	.30517	3.1528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94428	4.1428	.50719	.07639	287.24	.32500	.21248
Stddev	.00191	.0856	.00112	.00022	1.41	.00063	.00052
%RSD	.20234	2.0664	.22040	.28551	.49020	.19361	.24258

#1	.94317	4.0591	.50591	.07632	288.85	.32435	.21218
#2	.94318	4.1391	.50772	.07622	286.22	.32560	.21219
#3	.94648	4.2302	.50794	.07663	286.66	.32504	.21307

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.077	.39783	.30575	.38579	1.4175	.67203	.19697
Stddev	.031	.00170	.00494	.01832	.0083	.00113	.00236
%RSD	.27819	.42644	1.6160	4.7487	.58310	.16852	1.2006

#1	11.070	.39898	.31060	.39290	1.4198	.67136	.19425
#2	11.111	.39589	.30072	.39949	1.4083	.67139	.19812
#3	11.051	.39863	.30591	.36498	1.4244	.67334	.19853

Sample Name: K1350-12MS Acquired: 2/27/2019 20:49:39 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22764	6.152	.35066	5.3730	F<.00000
Stddev	.00395	.008	.00068	.0717	.93594
%RSD	1.7349	.1318	.19384	1.3340	4.2835
#1	.22343	6.149	.35139	5.3456	-22.837
#2	.23126	6.145	.35005	5.4544	-20.975
#3	.22824	6.161	.35054	5.3191	-21.737
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2930.4	38266.	3536.6	15.269	2861.1
Stddev	11.4	184.	15.6	.827	4.1
%RSD	.39030	.48054	.44048	5.4153	.14270
#1	2926.5	38464.	3521.7	14.421	2860.9
#2	2943.3	38235.	3552.8	15.315	2865.2
#3	2921.5	38100.	3535.2	16.072	2857.1

Sample Name: K1350-12MSD Acquired: 2/27/2019 20:53:55 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80478	2.0097	.98658	2.1306	.82567	2.4121	.32143
Stddev	.00142	.0063	.00154	.0092	.00118	.0262	.00413
%RSD	.17597	.31139	.15605	.42999	.14276	1.0846	1.2854

#1	.80328	2.0093	.98641	2.1412	.82470	2.3868	.32595
#2	.80610	2.0036	.98513	2.1245	.82533	2.4104	.31785
#3	.80496	2.0161	.98819	2.1262	.82698	2.4390	.32050

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22046	.20342	40.880	.46895	.21167	.32038	3.3569
Stddev	.00065	.00004	.194	.00179	.00007	.00134	.0361
%RSD	.29525	.02205	.47358	.38201	.03535	.41927	1.0742

#1	.22057	.20337	40.793	.47012	.21173	.31885	3.3951
#2	.22104	.20346	41.102	.46689	.21158	.32095	3.3519
#3	.21976	.20343	40.746	.46985	.21169	.32135	3.3235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0039	4.3887	.53572	.08095	307.34	.34174	.22493
Stddev	.0019	.0843	.00096	.00117	1.52	.00063	.00041
%RSD	.19071	1.9218	.17889	1.4424	.49460	.18300	.18174

#1	1.0050	4.4075	.53633	.08224	308.81	.34215	.22538
#2	1.0050	4.4620	.53462	.08063	305.78	.34204	.22460
#3	1.0017	4.2965	.53621	.07998	307.43	.34102	.22479

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.855	.41536	.32192	.44213	1.5218	.70423	.20769
Stddev	.066	.00190	.01839	.01127	.0285	.00023	.00218
%RSD	.55663	.45818	5.7131	2.5487	1.8696	.03310	1.0518

#1	11.913	.41320	.33198	.44659	1.5545	.70448	.20520
#2	11.869	.41678	.33310	.45049	1.5077	.70418	.20857
#3	11.784	.41611	.30070	.42932	1.5031	.70402	.20929

Sample Name: K1350-12MSD Acquired: 2/27/2019 20:53:55 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24998	6.504	.37369	5.3879	F<.00000
Stddev	.00318	.012	.00258	.0963	5.8990
%RSD	1.2713	.1775	.69158	1.7867	23.185

#1	.24709	6.516	.37666	5.3269	-25.877
#2	.25338	6.492	.37190	5.3379	-31.114
#3	.24946	6.504	.37253	5.4989	-19.339

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2949.8	38192.	3480.4	15.369	2869.8
Stddev	2.6	165.	32.1	1.929	5.8
%RSD	.08771	.43132	.92350	12.551	.20159

#1	2949.9	38023.	3443.4	17.526	2863.4
#2	2947.2	38352.	3496.8	14.774	2871.6
#3	2952.4	38202.	3501.0	13.808	2874.6

Sample Name: K1350-12A Acquired: 2/27/2019 20:58:11 Type: Unk
Method: P4-ICP2(v2894) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80810	2.0214	.98955	2.1347	.82775	2.4011	.31219
Stddev	.00297	.0096	.00091	.0037	.00568	.0298	.00100
%RSD	.36781	.47660	.09212	.17344	.68661	1.2429	.32113

#1	.80548	2.0112	.98856	2.1346	.82209	2.3672	.31310
#2	.80748	2.0224	.98973	2.1385	.82772	2.4130	.31236
#3	.81133	2.0304	.99035	2.1311	.83345	2.4232	.31111

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22097	.20392	40.665	.46980	.21182	.32137	3.3753
Stddev	.00021	.00075	.270	.00226	.00126	.00102	.0073
%RSD	.09363	.36597	.66338	.48061	.59437	.31721	.21482

#1	.22103	.20308	40.365	.46763	.21047	.32019	3.3688
#2	.22113	.20451	40.744	.47214	.21296	.32189	3.3831
#3	.22073	.20417	40.887	.46963	.21204	.32202	3.3740

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0052	4.4116	.53840	.08125	303.95	.34288	.22545
Stddev	.0016	.0517	.00165	.00037	3.33	.00209	.00038
%RSD	.15826	1.1726	.30630	.45072	1.0947	.61072	.16816

#1	1.0034	4.3917	.53670	.08105	307.80	.34081	.22502
#2	1.0062	4.4703	.53848	.08102	301.96	.34283	.22575
#3	1.0060	4.3728	.54000	.08167	302.11	.34499	.22558

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.794	.41648	.33331	.44099	1.5345	.70572	.20818
Stddev	.061	.00191	.00739	.01402	.0057	.00066	.00227
%RSD	.51973	.45791	2.2165	3.1796	.36901	.09377	1.0912

#1	11.723	.41428	.32768	.45552	1.5342	.70588	.20931
#2	11.831	.41767	.33058	.43992	1.5290	.70629	.20556
#3	11.828	.41748	.34168	.42753	1.5403	.70500	.20966

Sample Name: K1350-12A Acquired: 2/27/2019 20:58:11 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24625	6.545	.37307	5.4613	F<.00000
Stddev	.00329	.015	.00041	.1776	4.4067
%RSD	1.3349	.2271	.11082	3.2515	18.648

#1	.24536	6.529	.37311	5.6166	-20.327
#2	.24350	6.558	.37347	5.4995	-21.934
#3	.24989	6.547	.37264	5.2677	-28.635

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2928.6	38170.	3477.9	15.510	2849.9
Stddev	5.2	48.	18.3	.342	7.7
%RSD	.17669	.12522	.52626	2.2049	.27022

#1	2923.1	38149.	3459.1	15.132	2841.3
#2	2933.3	38137.	3478.9	15.600	2852.2
#3	2929.3	38225.	3495.7	15.798	2856.1

Sample Name: K1350-14 Acquired: 2/27/2019 21:02:26 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00220	-.00429	.00640	.00463	-.00115	.10999	.13305	.00013
Stddev	.00332	.00095	.00076	.00175	.00205	.00564	.00484	.00003
%RSD	151.06	22.160	11.894	37.735	178.09	5.1273	3.6371	25.347

#1	-.00603	-.00537	.00711	.00364	.00037	.10683	.13364	.00015
#2	-.00042	-.00388	.00560	.00665	-.00348	.11650	.12794	.00010
#3	-.00015	-.00361	.00649	.00361	-.00034	.10664	.13756	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	56.124	.00048	.00503	.00644	.29985	.91242	4.0151
Stddev	.00007	.154	.00031	.00028	.00054	.00382	.00179	.0336
%RSD	66.171	.27447	63.459	5.6033	8.3408	1.2742	.19587	.83804

#1	-.00011	56.010	.00072	.00513	.00680	.29559	.91186	4.0456
#2	-.00003	56.062	.00059	.00524	.00582	.30099	.91443	4.0206
#3	-.00016	56.299	.00014	.00471	.00670	.30297	.91099	3.9790

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00337	-.00039	325.99	-.00160	.02328	1.0195	-.00035	.01424
Stddev	.00092	.00039	3.83	.00018	.00013	.0181	.00043	.01228
%RSD	27.241	99.577	1.1746	11.204	.57021	1.7763	123.25	86.243

#1	.00436	-.00059	328.60	-.00165	.02313	1.0101	-.00069	.00195
#2	.00255	-.00064	321.59	-.00141	.02338	1.0080	.00013	.02652
#3	.00320	.00006	327.77	-.00176	.02334	1.0404	-.00049	.01425

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19396	.45165	.00189	.00000	.03101	.0074	.22041	5.4254
Stddev	.02245	.00317	.00061	.00283	.00266	.0007	.00084	.1493
%RSD	11.573	.70201	32.189	188160.	8.5818	9.556	.38181	2.7515

#1	.20406	.45526	.00122	-.00258	.03225	.0069	.21973	5.3810
#2	.20958	.44934	.00241	.00303	.02796	.0070	.22014	5.5918
#3	.16823	.45033	.00203	-.00044	.03283	.0082	.22135	5.3034

Sample Name: K1350-14 Acquired: 2/27/2019 21:02:26 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	26.565
Stddev	1.695
%RSD	6.3809

#1	25.001
#2	26.327
#3	28.366

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2912.4	37617.	3567.7	16.378	2817.1
Stddev	17.9	216.	30.0	.403	17.6
%RSD	.61566	.57425	.84123	2.4594	.62464

#1	2931.1	37615.	3575.0	16.117	2834.1
#2	2895.3	37402.	3593.3	16.175	2799.0
#3	2910.7	37834.	3534.7	16.842	2818.3

Sample Name: CCV10 Acquired: 2/27/2019 21:07:00 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14607 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0317	5.2124	5.0176	5.2603	5.1242	F 11.139	10.308	.27302
Stddev	.0281	.0199	.0160	.0243	.0156	.041	.039	.00058
%RSD	.55786	.38217	.31886	.46140	.30505	.36729	.37972	.21107
#1	5.0020	5.1928	5.0036	5.2365	5.1068	11.151	10.353	.27239
#2	5.0353	5.2326	5.0350	5.2594	5.1287	11.173	10.281	.27316
#3	5.0578	5.2119	5.0140	5.2850	5.1371	11.094	10.290	.27352
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5558	27.392	F 1.1485	2.5581	1.3245	F 5.5915	F 2.7699	26.196
Stddev	.0055	.135	.0031	.0055	.0056	.0116	.0055	.094
%RSD	.21510	.49202	.27094	.21372	.42423	.20753	.19882	.35981
#1	2.5518	27.254	1.1521	2.5540	1.3184	5.6048	2.7756	26.117
#2	2.5620	27.523	1.1469	2.5644	1.3295	5.5864	2.7646	26.300
#3	2.5534	27.399	1.1465	2.5561	1.3255	5.5833	2.7697	26.170
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6462	F 1.4155	25.890	2.7361	2.4949	26.212	5.1258	5.3800
Stddev	.0044	.0044	.093	.0075	.0038	.039	.0191	.0143
%RSD	.16629	.31260	.35733	.27349	.15298	.14934	.37189	.26491
#1	2.6434	1.4192	25.962	2.7442	2.4916	26.226	5.1038	5.3636
#2	2.6513	1.4106	25.785	2.7294	2.4990	26.168	5.1362	5.3884
#3	2.6440	1.4167	25.922	2.7346	2.4940	26.242	5.1374	5.3881
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2401	5.3247	5.1529	5.2196	5.1172	5.305	5.3477	4.5300
Stddev	.0083	.0264	.0097	.0037	.0225	.012	.0267	.0345
%RSD	.15891	.49558	.18791	.07022	.43976	.2259	.49875	.76104
#1	5.2471	5.3548	5.1487	5.2205	5.1370	5.312	5.3768	4.5345
#2	5.2309	5.3056	5.1640	5.2155	5.0928	5.292	5.3244	4.5620
#3	5.2424	5.3136	5.1461	5.2227	5.1219	5.313	5.3419	4.4935

Sample Name: CCV10 Acquired: 2/27/2019 21:07:00 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14607 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9815
Stddev	2.0544
%RSD	68.905

#1	3.6078
#2	.68688
#3	4.6500

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3059.6	39836.	3558.3	14.922	2982.0
Stddev	13.7	82.	16.0	1.428	6.0
%RSD	.44824	.20472	.44908	9.5721	.20076

#1	3075.0	39769.	3541.0	13.290	2988.9
#2	3055.3	39927.	3572.6	15.942	2978.9
#3	3048.6	39813.	3561.2	15.536	2978.2

Sample Name: CCB10 Acquired: 2/27/2019 21:10:59 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14607 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00197	-.00215	.00331	.00181	.00034	.00828	.00002
Stddev	.00117	.00150	.00030	.00259	.00161	.00595	.00448	.00004
%RSD	670.94	76.249	14.080	78.102	88.907	1751.4	54.181	208.20
#1	.00071	-.00025	-.00231	.00472	.00090	.00715	.01346	-.00001
#2	-.00116	-.00303	-.00234	.00490	.00086	-.00385	.00575	.00006
#3	.00098	-.00263	-.00180	.00033	.00367	-.00228	.00563	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.02836	.00003	.00004	.00023	.00383	.00012	-.00370
Stddev	.00002	.01830	.00025	.00021	.00039	.00119	.00003	.04124
%RSD	72.462	64.536	725.47	477.26	173.07	30.948	23.776	1115.4
#1	.00002	.01882	-.00021	.00022	.00068	.00255	.00008	.02752
#2	.00001	.01680	.00029	.00009	-.00002	.00490	.00013	-.05044
#3	.00005	.04947	.00003	-.00018	.00002	.00404	.00013	.01183
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00031	.08301	.00036	.00046	.26105	.00012	.01302
Stddev	.00013	.00013	.01900	.00073	.00006	.02821	.00026	.00771
%RSD	39.448	42.755	22.884	203.28	11.981	10.806	227.78	59.249
#1	.00049	.00045	.09801	.00119	.00053	.23580	.00039	.00720
#2	.00026	.00018	.08936	.00009	.00042	.29150	-.00013	.02176
#3	.00026	.00031	.06165	-.00020	.00044	.25585	.00008	.01008
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00901	.00255	-.00106	-.00186	F .01073	.0035	.00019	F 3.2290
Stddev	.01505	.00049	.00036	.00169	.00111	.0004	.00010	.1109
%RSD	166.99	19.052	33.632	90.680	10.338	10.10	50.754	3.4337
#1	-.01628	.00201	-.00093	-.00169	.01177	.0039	.00008	3.1268
#2	.00829	.00270	-.00146	-.00362	.01085	.0034	.00022	3.2133
#3	-.01905	.00294	-.00079	-.00026	.00956	.0032	.00027	3.3469

Sample Name: CCB10 Acquired: 2/27/2019 21:10:59 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14607 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .51332
Stddev	2.1570
%RSD	420.21

#1	.13192
#2	-1.4276
#3	2.8356

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3170.6	41486.	3590.6	16.425	3341.3
Stddev	15.3	429.	13.4	2.006	6.8
%RSD	.48324	1.0348	.37395	12.211	.20268

#1	3154.4	41563.	3580.9	18.667	3343.2
#2	3172.5	41872.	3584.9	15.808	3333.8
#3	3184.8	41024.	3605.9	14.800	3347.0

Sample Name: K1350-16 Acquired: 2/27/2019 21:15:27 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00312	-.00590	.00770	.00166	.00185	.14058	.13309	.00019
Stddev	.00094	.00083	.00108	.00291	.00014	.00986	.00211	.00009
%RSD	30.293	14.101	14.009	174.57	7.6236	7.0162	1.5821	44.400

#1	-.00230	-.00560	.00698	.00428	.00176	.14545	.13067	.00029
#2	-.00415	-.00526	.00894	-.00146	.00178	.14705	.13448	.00017
#3	-.00290	-.00684	.00717	.00218	.00202	.12922	.13413	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	40.826	.00067	.00850	.00612	.53104	.93057	3.3055
Stddev	.00006	.236	.00039	.00038	.00034	.00019	.00065	.0253
%RSD	176.59	.57763	58.303	4.4327	5.5402	.03530	.07005	.76476

#1	.00002	40.571	.00030	.00820	.00613	.53100	.93077	3.2878
#2	-.00011	40.872	.00108	.00892	.00577	.53088	.92984	3.2944
#3	-.00003	41.036	.00064	.00838	.00645	.53124	.93109	3.3345

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00378	.00030	338.62	-.00117	.02433	1.0507	.00013	.00978
Stddev	.00044	.00039	3.86	.00051	.00015	.0127	.00023	.00145
%RSD	11.542	130.19	1.1405	43.905	.59751	1.2096	180.50	14.840

#1	.00426	.00075	343.01	-.00090	.02426	1.0642	.00017	.01141
#2	.00342	.00003	337.07	-.00084	.02424	1.0490	.00033	.00862
#3	.00365	.00013	335.77	-.00176	.02450	1.0389	-.00012	.00932

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22276	.52002	.00130	.00108	.01763	.0055	.14044	5.3170
Stddev	.01216	.00874	.00059	.00211	.00652	.0007	.00021	.1887
%RSD	5.4583	1.6815	45.491	195.71	36.959	12.74	.15192	3.5480

#1	.21241	.52879	.00194	.00293	.01148	.0062	.14027	5.3476
#2	.21971	.51996	.00120	-.00122	.01695	.0053	.14068	5.4884
#3	.23615	.51131	.00077	.00152	.02446	.0049	.14037	5.1149

Sample Name: K1350-16 Acquired: 2/27/2019 21:15:27 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	23.534
Stddev	2.327
%RSD	9.8878

#1	24.363
#2	20.906
#3	25.333

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2931.5	37908.	3572.9	16.381	2836.2
Stddev	13.4	118.	29.2	1.694	14.9
%RSD	.45725	.31001	.81681	10.342	.52426

#1	2917.1	37778.	3571.2	17.400	2821.0
#2	2933.6	37942.	3544.6	17.317	2836.9
#3	2943.7	38005.	3602.9	14.425	2850.7

Sample Name: K1353-02 Acquired: 2/27/2019 21:20:02 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00336	-.00442	.00348	.00649	.00067	.12639	.17099	.00016
Stddev	.00160	.00098	.00049	.00385	.00232	.00625	.00257	.00006
%RSD	47.722	22.274	14.158	59.313	345.84	4.9439	1.5043	39.153

#1	-.00453	-.00548	.00391	.00287	.00239	.12562	.16864	.00023
#2	-.00401	-.00422	.00294	.00605	.00160	.13299	.17060	.00012
#3	-.00153	-.00355	.00359	.01053	-.00197	.12056	.17373	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	24.020	.00168	.00168	.00772	.08628	.46333	3.6603
Stddev	.00006	.052	.00032	.00014	.00016	.00068	.00047	.0798
%RSD	137.63	.21822	19.313	8.4655	2.0901	.79384	.10243	2.1810

#1	.00002	23.989	.00134	.00184	.00785	.08665	.46315	3.5718
#2	-.00005	23.991	.00198	.00165	.00777	.08669	.46297	3.6823
#3	-.00011	24.081	.00172	.00156	.00754	.08549	.46387	3.7268

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00157	.00008	304.68	-.00010	.06445	1.6373	-.00014	.02835
Stddev	.00040	.00066	3.12	.00071	.00020	.0589	.00023	.01133
%RSD	25.541	838.66	1.0238	731.96	.30407	3.5978	159.55	39.958

#1	.00136	.00084	303.51	-.00085	.06436	1.6708	-.00009	.01991
#2	.00132	-.00026	302.32	.00057	.06432	1.6718	.00005	.04122
#3	.00204	-.00035	308.22	-.00001	.06468	1.5693	-.00039	.02391

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23805	.76736	.00104	.00377	.02219	.0207	.07491	5.3767
Stddev	.02091	.00817	.00019	.00127	.00225	.0021	.00022	.1920
%RSD	8.7839	1.0652	18.701	33.754	10.151	10.02	.29819	3.5712

#1	.22945	.75819	.00120	.00490	.01982	.0228	.07467	5.5542
#2	.22280	.77386	.00082	.00239	.02430	.0207	.07511	5.4030
#3	.26188	.77005	.00110	.00402	.02245	.0186	.07494	5.1729

Sample Name: K1353-02 Acquired: 2/27/2019 21:20:02 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	24.339
Stddev	2.308
%RSD	9.4832

#1	22.433
#2	26.906
#3	23.679

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2918.0	37619.	3493.8	15.494	2846.0
Stddev	12.9	105.	19.8	.384	11.1
%RSD	.44173	.27977	.56634	2.4789	.39099

#1	2910.5	37625.	3511.7	15.892	2836.8
#2	2932.9	37510.	3497.1	15.125	2858.4
#3	2910.7	37721.	3472.5	15.467	2843.0

Sample Name: K1353-04 Acquired: 2/27/2019 21:24:35 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00291	-.00631	.00267	.00459	.00151	.46448	.28012	.00013
Stddev	.00080	.00093	.00093	.00070	.00303	.01550	.00629	.00007
%RSD	27.624	14.657	34.890	15.289	200.27	3.3377	2.2437	54.888

#1	-.00198	-.00530	.00199	.00465	-.00124	.44754	.28354	.00006
#2	-.00340	-.00712	.00229	.00526	.00102	.46794	.28395	.00012
#3	-.00334	-.00651	.00374	.00386	.00475	.47796	.27286	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	18.687	.00042	.00228	.00590	.31830	1.7270	2.8090
Stddev	.00008	.117	.00077	.00023	.00021	.00754	.0026	.0628
%RSD	38.027	.62734	185.02	9.9725	3.5054	2.3675	.14983	2.2354

#1	.00014	18.552	.00094	.00215	.00575	.31433	1.7274	2.8484
#2	.00019	18.746	-.00047	.00215	.00581	.31357	1.7242	2.7366
#3	.00029	18.763	.00079	.00255	.00613	.32699	1.7293	2.8420

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00430	.00042	324.74	-.00155	.05158	1.2515	-.00019	.03598
Stddev	.00021	.00062	6.73	.00022	.00015	.0403	.00015	.00809
%RSD	4.8661	146.60	2.0738	14.057	.29601	3.2223	80.399	22.481

#1	.00419	.00109	327.48	-.00133	.05174	1.2585	-.00025	.02924
#2	.00417	-.00012	317.07	-.00176	.05156	1.2081	-.00002	.03376
#3	.00454	.00029	329.67	-.00158	.05143	1.2878	-.00030	.04495

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22820	1.0040	.00104	.01289	.02464	.0136	.07068	5.5616
Stddev	.02544	.0068	.00067	.00223	.00176	.0024	.00035	.1449
%RSD	11.150	.67896	64.080	17.289	7.1600	17.42	.50120	2.6060

#1	.21148	.99924	.00178	.01331	.02271	.0111	.07028	5.6860
#2	.21564	1.0010	.00084	.01488	.02507	.0158	.07086	5.5963
#3	.25748	1.0118	.00049	.01048	.02616	.0138	.07092	5.4024

Sample Name: K1353-04 Acquired: 2/27/2019 21:24:35 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 17.401
 Stddev 1.446
 %RSD 8.3114

#1 17.534
 #2 15.893
 #3 18.776

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2915.7	37259.	3493.8	16.944	2832.6
Stddev	4.9	88.	24.1	1.248	2.0
%RSD	.16782	.23591	.69027	7.3633	.07205

#1	2921.2	37182.	3488.8	18.050	2834.9
#2	2911.7	37355.	3520.1	17.192	2831.6
#3	2914.2	37239.	3472.7	15.592	2831.2

Sample Name: K1353-06 Acquired: 2/27/2019 21:29:09 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-022619 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	-.00399	.00109	.00654	.00090	.14470	.12794	.00012
Stddev	.00154	.00282	.00095	.00180	.00151	.01724	.00289	.00013
%RSD	41.102	70.697	87.258	27.511	167.13	11.914	2.2555	110.36

#1	-.00238	-.00720	.00019	.00710	.00110	.12481	.12880	.00027
#2	-.00347	-.00288	.00099	.00799	.00229	.15528	.13030	.00003
#3	-.00543	-.00189	.00209	.00453	-.00070	.15401	.12472	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	12.580	.00096	.00023	.00494	.05713	.49165	1.9723
Stddev	.00011	.029	.00019	.00021	.00039	.00069	.00114	.0262
%RSD	89.111	.22935	19.856	91.308	7.8864	1.2158	.23240	1.3304

#1	.00016	12.551	.00111	.00019	.00539	.05689	.49260	1.9833
#2	-.00000	12.582	.00075	.00004	.00468	.05792	.49197	1.9912
#3	.00019	12.608	.00103	.00046	.00474	.05659	.49039	1.9423

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00209	.00016	297.78	-.00046	.02190	.86579	-.00008	.02104
Stddev	.00033	.00026	5.25	.00075	.00016	.03087	.00019	.01119
%RSD	15.691	167.19	1.7616	162.18	.73637	3.5659	250.22	53.173

#1	.00220	.00045	301.82	.00032	.02204	.89198	.00013	.01489
#2	.00234	.00008	291.85	-.00117	.02172	.87363	-.00011	.01428
#3	.00172	-.00006	299.66	-.00052	.02194	.83175	-.00025	.03395

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21642	.57446	.00168	.00302	.02321	.0119	.05501	5.2674
Stddev	.01345	.00597	.00063	.00200	.00176	.0013	.00054	.1070
%RSD	6.2146	1.0389	37.643	66.363	7.5830	10.59	.98869	2.0312

#1	.21320	.57668	.00241	.00208	.02402	.0116	.05525	5.2130
#2	.23119	.56770	.00130	.00532	.02119	.0109	.05439	5.3907
#3	.20488	.57901	.00133	.00165	.02442	.0133	.05540	5.1986

Sample Name: K1353-06 Acquired: 2/27/2019 21:29:09 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 18.607
Stddev 2.308
%RSD 12.404

#1 19.554
#2 15.976
#3 20.291

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2948.2	37817.	3490.8	16.889	2877.6
Stddev	6.4	126.	33.2	.635	4.1
%RSD	.21544	.33405	.95131	3.7598	.14388

#1	2955.5	37843.	3477.8	17.200	2881.4
#2	2943.9	37680.	3528.6	16.158	2873.2
#3	2945.1	37929.	3466.1	17.308	2878.2

Sample Name: K1353-08 Acquired: 2/27/2019 21:33:44 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00382	-.00619	.00394	.00250	-.00095	.17412	.17875	.00023
Stddev	.00069	.00202	.00036	.00251	.00063	.01401	.00327	.00006
%RSD	18.165	32.702	9.2589	100.58	66.290	8.0488	1.8270	27.725

#1	-.00413	-.00689	.00365	.00476	-.00041	.18107	.18036	.00017
#2	-.00302	-.00777	.00382	.00293	-.00080	.15799	.17499	.00021
#3	-.00430	-.00391	.00435	-.00020	-.00165	.18330	.18090	.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	32.028	.00104	.00726	.00272	.08209	.82936	2.6951
Stddev	.00003	.037	.00046	.00025	.00057	.00142	.00126	.0587
%RSD	55.652	.11415	43.979	3.4863	21.065	1.7256	.15215	2.1800

#1	.00002	31.986	.00142	.00722	.00338	.08045	.82966	2.6545
#2	.00008	32.053	.00053	.00703	.00243	.08294	.82797	2.7625
#3	.00007	32.045	.00117	.00753	.00235	.08287	.83044	2.6683

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	-.00047	325.17	-.00027	.04976	2.4339	-.00005	.03349
Stddev	.00015	.00027	5.69	.00042	.00014	.0406	.00008	.01037
%RSD	18.326	57.805	1.7490	152.59	.28560	1.6670	174.49	30.975

#1	.00068	-.00072	329.49	-.00028	.04984	2.4798	.00002	.04449
#2	.00098	-.00018	327.28	-.00069	.04959	2.4027	-.00014	.03211
#3	.00082	-.00051	318.73	.00015	.04984	2.4193	-.00002	.02388

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30858	.83640	.00113	.00179	.02644	.0203	.09900	5.4927
Stddev	.00903	.00980	.00043	.00162	.00331	.0013	.00013	.1255
%RSD	2.9254	1.1714	37.910	90.463	12.533	6.299	.13453	2.2842

#1	.29841	.83273	.00162	.00338	.02275	.0191	.09893	5.6284
#2	.31564	.84750	.00080	.00184	.02916	.0217	.09892	5.3810
#3	.31168	.82897	.00098	.00015	.02741	.0202	.09916	5.4687

Sample Name: K1353-08 Acquired: 2/27/2019 21:33:44 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	33.840
Stddev	2.846
%RSD	8.4090

#1	36.739
#2	33.731
#3	31.050

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2893.4	37113.	3470.8	14.844	2809.1
Stddev	12.3	100.	28.7	1.140	12.3
%RSD	.42613	.27033	.82633	7.6813	.43926

#1	2883.7	37143.	3478.3	13.567	2802.4
#2	2889.1	37194.	3439.0	15.758	2801.6
#3	2907.3	37001.	3494.9	15.208	2823.4

Sample Name: K1619-01 Acquired: 2/27/2019 21:38:19 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00284	-.00426	-.00491	.01062	-.00180	.08927	.36842
Stddev	.00088	.00140	.00077	.00199	.00169	.00794	.00015
%RSD	31.061	32.891	15.645	18.769	93.585	8.8897	.04015

#1	-.00385	-.00461	-.00403	.00980	-.00105	.08526	.36858
#2	-.00225	-.00544	-.00529	.00916	-.00062	.08415	.36830
#3	-.00241	-.00271	-.00542	.01289	-.00374	.09842	.36838

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	-.00208	96.669	.00078	.00310	.00586	29.282
Stddev	.00003	.00017	.197	.00009	.00050	.00029	.214
%RSD	8.9745	8.3917	.20415	12.068	16.119	4.9472	.73084

#1	.00037	-.00189	96.646	.00088	.00256	.00572	29.081
#2	.00034	-.00213	96.877	.00076	.00320	.00619	29.507
#3	.00031	-.00223	96.484	.00070	.00354	.00566	29.257

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28302	2.0032	.01160	-.00218	335.11	.00105	.09589
Stddev	.00048	.0427	.00040	.00027	4.03	.00058	.00018
%RSD	.16939	2.1308	3.4888	12.173	1.2018	55.087	.18598

#1	.28252	2.0231	.01129	-.00197	332.10	.00138	.09610
#2	.28348	2.0323	.01206	-.00209	339.68	.00038	.09578
#3	.28305	1.9542	.01145	-.00247	333.54	.00139	.09580

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92894	.00642	.04886	.68856	1.0586	.00293	.00279
Stddev	.02205	.00017	.00089	.02655	.0107	.00044	.00174
%RSD	2.3736	2.6446	1.8198	3.8556	1.0081	15.041	62.365

#1	.91128	.00624	.04823	.70384	1.0647	.00246	.00095
#2	.95366	.00658	.04847	.65791	1.0649	.00300	.00302
#3	.92190	.00643	.04988	.70394	1.0463	.00334	.00441

Sample Name: K1619-01 Acquired: 2/27/2019 21:38:19 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03447	.7745	.23066	5.2105	F<.00000
Stddev	.00484	.0037	.00128	.1901	2.2281
%RSD	14.029	.4781	.55545	3.6477	1.2624

#1	.02897	.7787	.23205	4.9920	-178.11
#2	.03802	.7717	.23039	5.3374	-173.95
#3	.03644	.7731	.22953	5.3022	-177.41

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2900.3	37382.	3470.9	14.168	2805.0
Stddev	3.6	82.	20.8	1.156	5.4
%RSD	.12518	.21944	.59869	8.1579	.19359

#1	2902.6	37435.	3483.5	12.856	2809.3
#2	2896.1	37423.	3446.9	15.038	2798.9
#3	2902.1	37287.	3482.2	14.609	2806.8

Sample Name: K1632-01 Acquired: 2/27/2019 21:42:52 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 50153 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00451	-.00437	-.00025	.00526	.00027	.01038	.13019	.00006
Stddev	.00265	.00130	.00012	.00414	.00214	.01154	.00152	.00008
%RSD	58.634	29.663	48.234	78.733	807.20	111.21	1.1711	119.90

#1	-.00436	-.00308	-.00033	.00724	-.00148	.00848	.13134	.00010
#2	-.00195	-.00435	-.00011	.00050	.00266	.02274	.13078	-.00002
#3	-.00723	-.00568	-.00032	.00804	-.00038	-.00010	.12846	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.84674	.00113	-.00030	.00001	.00574	.00795	.13887
Stddev	.00010	.01637	.00066	.00023	.00023	.00070	.00003	.04464
%RSD	156.20	1.9333	58.873	78.072	1617.3	12.144	.38652	32.143

#1	-.00005	.86565	.00095	-.00040	.00007	.00611	.00798	.12781
#2	.00012	.83735	.00057	-.00003	.00021	.00494	.00794	.18799
#3	.00012	.83724	.00186	-.00045	-.00024	.00619	.00792	.10080

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	.00067	279.35	.00055	.21653	.74630	.00119	.07110
Stddev	.00023	.00056	2.27	.00120	.00077	.03409	.00030	.00611
%RSD	26.201	83.006	.81419	217.17	.35444	4.5679	25.354	8.5912

#1	.00102	.00006	281.96	-.00025	.21740	.76569	.00141	.06405
#2	.00061	.00115	277.76	.00193	.21626	.70693	.00132	.07451
#3	.00101	.00080	278.35	-.00002	.21594	.76626	.00085	.07474

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37772	.06457	.00040	-.00042	.01601	.3099	.00516	4.9773
Stddev	.00432	.00535	.00041	.00252	.00094	.0012	.00012	.0640
%RSD	1.1435	8.2838	103.41	605.67	5.8951	.3930	2.3018	1.2867

#1	.38007	.06144	.00035	-.00191	.01494	.3090	.00519	5.0337
#2	.38036	.07075	.00084	-.00184	.01672	.3093	.00502	4.9906
#3	.37274	.06152	.00001	.00250	.01638	.3113	.00525	4.9077

Sample Name: K1632-01 Acquired: 2/27/2019 21:42:52 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 50153 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.457
Stddev	2.911
%RSD	27.839

#1	7.3602
#2	13.138
#3	10.872

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2991.7	38349.	3534.8	16.578	2945.1
Stddev	1.1	25.	20.2	1.746	5.3
%RSD	.03587	.06405	.57032	10.533	.18010

#1	2992.1	38325.	3528.4	14.908	2951.1
#2	2990.5	38374.	3557.3	18.392	2943.5
#3	2992.6	38348.	3518.6	16.433	2940.9

Sample Name: K1633-04 Acquired: 2/27/2019 21:47:28 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-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	-.00336	-.00400	.00043	.00230	.00116	.08675	.06866	.00014
Stddev	.00471	.00112	.00067	.00035	.00081	.01392	.00099	.00003
%RSD	140.13	27.941	157.29	15.352	70.493	16.043	1.4355	25.264

#1	-.00206	-.00274	-.00034	.00262	.00047	.07297	.06977	.00010
#2	-.00859	-.00440	.00070	.00192	.00206	.08647	.06787	.00017
#3	.00056	-.00487	.00091	.00236	.00094	.10080	.06834	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	3.8238	.00123	-.00023	.01020	.02063	.03399	.54014
Stddev	.00008	.0123	.00028	.00018	.00009	.00216	.00019	.01573
%RSD	74.437	.32130	22.421	80.946	.86052	10.486	.54551	2.9129

#1	-.00010	3.8274	.00154	-.00004	.01021	.02306	.03420	.55367
#2	-.00003	3.8340	.00100	-.00024	.01011	.01989	.03384	.52287
#3	-.00019	3.8102	.00115	-.00040	.01028	.01893	.03392	.54387

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00183	.00046	322.55	-.00011	.00975	.56347	-.00020	.02259
Stddev	.00028	.00056	4.85	.00086	.00015	.02906	.00029	.00394
%RSD	15.223	122.79	1.5024	785.82	1.5059	5.1570	145.54	17.443

#1	.00154	.00098	323.72	-.00079	.00958	.55376	-.00017	.02593
#2	.00186	-.00014	326.71	.00086	.00983	.59614	-.00050	.01825
#3	.00210	.00053	317.23	-.00040	.00984	.54051	.00007	.02360

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07790	.15095	.00126	.00033	.01745	.0083	.01363	4.6631
Stddev	.00515	.00295	.00097	.00205	.00062	.0013	.00007	.3227
%RSD	6.6152	1.9536	76.967	618.96	3.5306	16.27	.53217	6.9211

#1	.08214	.14802	.00065	-.00173	.01715	.0067	.01356	4.3343
#2	.07217	.15391	.00237	.00034	.01816	.0087	.01361	4.9794
#3	.07939	.15091	.00075	.00238	.01704	.0093	.01371	4.6757

Sample Name: K1633-04 Acquired: 2/27/2019 21:47:28 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-11-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	17.248
Stddev	1.518
%RSD	8.8025

#1	15.501
#2	17.990
#3	18.252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2983.2	38411.	3531.1	14.919	2895.0
Stddev	4.1	75.	32.2	.846	3.1
%RSD	.13675	.19566	.91257	5.6680	.10814

#1	2984.7	38455.	3523.0	14.125	2891.4
#2	2986.2	38324.	3503.7	14.825	2896.9
#3	2978.5	38454.	3566.6	15.808	2896.7

Sample Name: K1633-08 Acquired: 2/27/2019 21:52:04 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-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	-.00221	-.00389	-.00036	.00399	.00017	.07118	.10847	.00016
Stddev	.00249	.00122	.00061	.00266	.00165	.01472	.00482	.00006
%RSD	112.43	31.225	171.70	66.714	961.35	20.673	4.4404	34.649

#1	-.00151	-.00319	-.00041	.00231	.00167	.08816	.11338	.00020
#2	-.00015	-.00530	-.00094	.00705	-.00160	.06215	.10826	.00010
#3	-.00497	-.00320	.00028	.00259	.00044	.06324	.10376	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	2.3712	.00089	-.00006	.00867	.01360	.02687	.61352
Stddev	.00010	.0245	.00062	.00017	.00020	.00144	.00021	.07090
%RSD	76.881	1.0315	70.158	287.26	2.2864	10.591	.78295	11.557

#1	-.00012	2.3716	.00121	-.00010	.00887	.01215	.02662	.68823
#2	-.00003	2.3954	.00128	.00013	.00847	.01503	.02701	.54717
#3	-.00023	2.3465	.00017	-.00020	.00868	.01361	.02696	.60516

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00205	.00021	289.85	.00000	.01938	.55550	.00022	.01950
Stddev	.00073	.00054	1.75	.00056	.00002	.00986	.00029	.00691
%RSD	35.715	258.17	.60545	996710.	.09717	1.7751	127.53	35.452

#1	.00270	.00074	288.17	-.00047	.01936	.54875	.00011	.02047
#2	.00126	.00021	291.67	.00062	.01938	.55093	.00002	.01215
#3	.00218	-.00033	289.71	-.00014	.01939	.56682	.00055	.02587

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09658	.11259	.00030	.00156	.01642	.0101	.01120	4.7938
Stddev	.01278	.00468	.00037	.00307	.00305	.0012	.00010	.1789
%RSD	13.235	4.1604	122.86	196.21	18.551	11.67	.89425	3.7324

#1	.10059	.10907	.00045	.00303	.01310	.0091	.01120	4.9869
#2	.08227	.11080	-.00012	-.00196	.01707	.0099	.01130	4.6336
#3	.10688	.11791	.00058	.00362	.01909	.0114	.01110	4.7608

Sample Name: K1633-08 Acquired: 2/27/2019 21:52:04 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-11-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 13.125
 Stddev .494
 %RSD 3.7618

#1 13.654
 #2 13.046
 #3 12.676

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2984.3	38229.	3518.2	16.719	2911.2
Stddev	8.8	100.	13.4	.525	8.1
%RSD	.29345	.26098	.37949	3.1430	.27871

#1	2989.3	38214.	3525.0	16.450	2912.9
#2	2974.2	38336.	3526.8	16.383	2902.3
#3	2989.3	38138.	3502.9	17.325	2918.3

Sample Name: CCV11 Acquired: 2/27/2019 21:56:42 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7974 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0081	5.2295	5.0001	5.2587	5.0884	F 11.235	10.354	.27449
Stddev	.0054	.0159	.0114	.0038	.0136	.045	.048	.00054
%RSD	.10739	.30382	.22843	.07208	.26655	.40460	.46743	.19675

#1	5.0048	5.2211	4.9882	5.2552	5.0758	11.237	10.386	.27505
#2	5.0143	5.2478	5.0110	5.2627	5.1028	11.279	10.378	.27397
#3	5.0051	5.2195	5.0011	5.2581	5.0868	11.188	10.299	.27446

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5537	27.459	F 1.1635	2.5529	1.3238	F 5.6623	F 2.7848	26.183
Stddev	.0069	.048	.0049	.0045	.0029	.0099	.0048	.048
%RSD	.26909	.17649	.42117	.17442	.21771	.17509	.17179	.18209

#1	2.5488	27.415	1.1687	2.5482	1.3208	5.6720	2.7899	26.228
#2	2.5616	27.511	1.1590	2.5571	1.3266	5.6627	2.7804	26.188
#3	2.5508	27.450	1.1627	2.5534	1.3240	5.6522	2.7842	26.133

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6589	F 1.4264	26.120	F 2.7562	2.4821	26.265	5.1003	5.4115
Stddev	.0053	.0060	.091	.0062	.0044	.100	.0074	.0312
%RSD	.19751	.42170	.34968	.22610	.17724	.38235	.14480	.57608

#1	2.6557	1.4330	26.102	2.7633	2.4801	26.195	5.0972	5.4068
#2	2.6649	1.4212	26.219	2.7528	2.4871	26.380	5.1087	5.4448
#3	2.6560	1.4251	26.039	2.7523	2.4790	26.219	5.0949	5.3830

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2816	5.3315	5.1441	5.2088	5.1269	5.323	5.3384	4.5269
Stddev	.0270	.0207	.0122	.0136	.0216	.012	.0191	.1082
%RSD	.51196	.38871	.23745	.26173	.42192	.2264	.35680	2.3896

#1	5.2793	5.3089	5.1374	5.2197	5.1388	5.336	5.3507	4.5937
#2	5.2558	5.3496	5.1582	5.2132	5.1399	5.317	5.3481	4.4021
#3	5.3097	5.3359	5.1368	5.1935	5.1019	5.315	5.3165	4.5849

Sample Name: CCV11 Acquired: 2/27/2019 21:56:42 Type: Unk
Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7974 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.8998
Stddev	4.7067
%RSD	96.059

#1	9.6411
#2	.22834
#3	4.8301

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3070.7	39538.	3536.1	16.111	2983.7
Stddev	3.0	163.	13.5	1.198	4.7
%RSD	.09819	.41347	.38263	7.4385	.15711

#1	3073.7	39350.	3523.1	14.927	2987.7
#2	3067.7	39628.	3535.3	17.323	2978.6
#3	3070.7	39638.	3550.1	16.083	2984.9

Sample Name: CCB11 Acquired: 2/27/2019 22:00:42 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14608 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00296	-.00080	-.00162	.00212	.00079	.00491	.00617
Stddev	.00243	.00143	.00032	.00105	.00120	.00997	.00620
%RSD	82.231	179.63	20.087	49.488	153.37	203.28	100.46

#1	-.00021	-.00245	-.00132	.00097	.00102	-.00368	.00998
#2	-.00381	-.00003	-.00197	.00236	-.00052	.01584	.00952
#3	-.00485	.00009	-.00156	.00302	.00185	.00256	-.00098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00010	.03253	.00010	-.00004	.00021	.00476
Stddev	.00004	.00005	.01929	.00020	.00033	.00030	.00170
%RSD	45.631	56.121	59.301	193.33	812.24	144.75	35.799

#1	.00012	.00004	.01182	.00023	-.00033	.00014	.00652
#2	.00004	.00010	.03580	.00021	-.00011	-.00005	.00312
#3	.00011	.00015	.04998	-.00013	.00031	.00054	.00464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.03104	.00022	-.00021	.12941	.00059	.00033
Stddev	.00006	.02066	.00036	.00052	.01351	.00031	.00004
%RSD	36.260	66.545	161.20	245.93	10.441	53.009	11.226

#1	.00023	.01888	.00058	.00028	.11810	.00094	.00037
#2	.00012	.01936	-.00014	-.00017	.14437	.00047	.00030
#3	.00015	.05489	.00024	-.00075	.12575	.00035	.00033

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22263	-.00012	.01589	.00280	.00477	-.00086	-.00120
Stddev	.04820	.00038	.00904	.00844	.00097	.00042	.00150
%RSD	21.651	309.10	56.881	301.94	20.415	48.875	125.15

#1	.17092	-.00024	.01929	.00481	.00456	-.00055	-.00219
#2	.23065	.00030	.00565	.01005	.00392	-.00069	.00053
#3	.26632	-.00042	.02274	-.00647	.00583	-.00135	-.00195

Sample Name: CCB11 Acquired: 2/27/2019 22:00:42 Type: Unk
 Method: P4-ICP2(v2894) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14608 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01170	.0035	.00022	F 3.1168	F<.00000
Stddev	.00191	.0011	.00007	.0795	2.0023
%RSD	16.352	31.16	32.891	2.5517	100.23
#1	.00963	.0022	.00023	3.0604	-2.2230
#2	.01340	.0039	.00028	3.2078	.10783
#3	.01208	.0043	.00014	3.0823	-3.8777
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3215.3	41336.	3557.1	15.697	3368.0
Stddev	.7	94.	31.0	.784	3.8
%RSD	.02329	.22849	.87138	4.9971	.11425
#1	3215.5	41230.	3524.1	16.167	3363.7
#2	3214.5	41366.	3561.5	14.792	3371.2
#3	3215.9	41411.	3585.6	16.133	3369.0