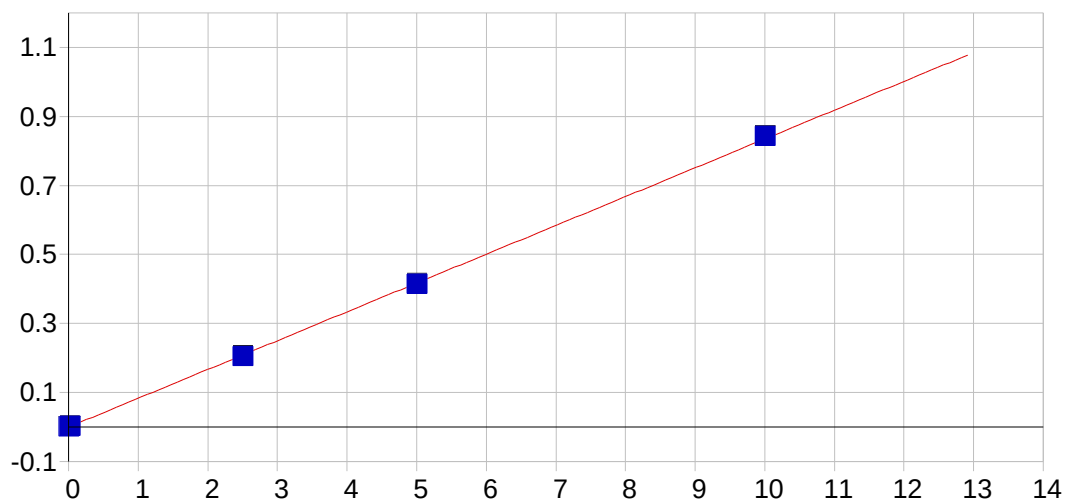


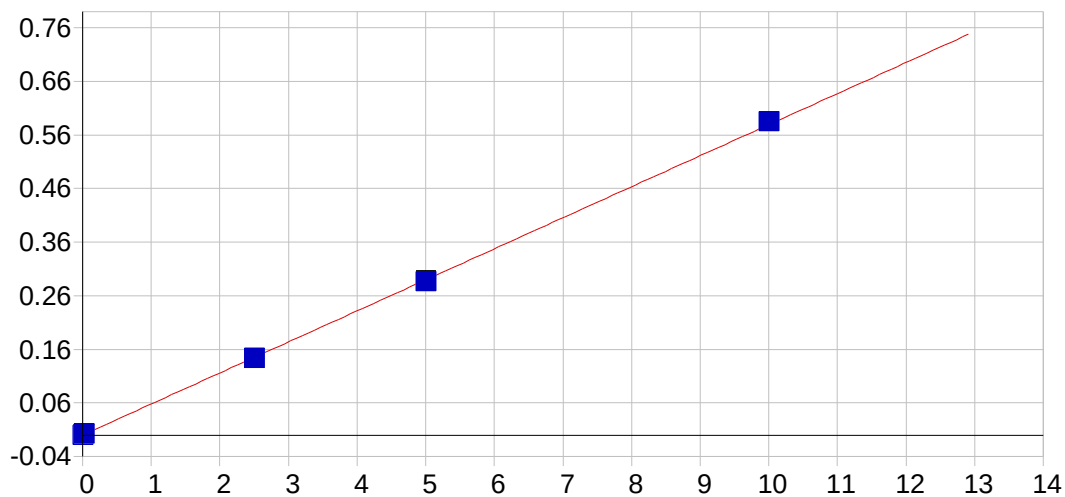


As 189.042 {478}

Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000139 Re-Slope: 1.000000
 A1 (Gain): 0.083483 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002831
 Predicted MQL: 0.009436

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.02000	.01905	-.001	-4.75	.00145	.000	1
S3	2.5000	2.4548	-.045	-1.81	.20478	.000	1
S4	5.0000	4.9512	-.049	-.976	.41317	.003	1
S5	10.000	10.095	.095	.949	.84256	.001	1



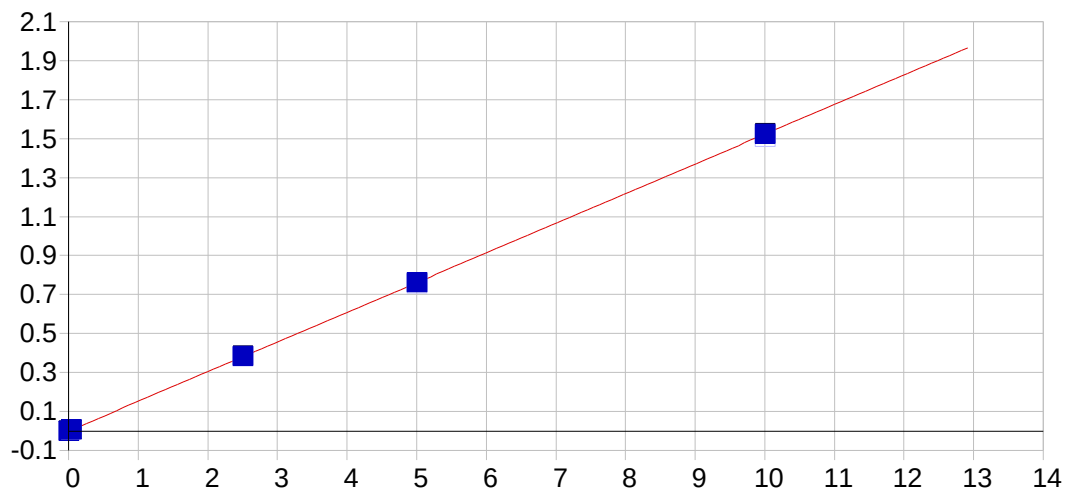
As 189.042 {479}

Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000020 Re-Slope: 1.000000

A1 (Gain): 0.057918 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.002651
 Predicted MQL: 0.008836

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.02000	.02165	.002	8.23	.00123	.000	1
S3	2.5000	2.4590	-.041	-1.64	.14240	.001	1
S4	5.0000	4.9437	-.056	-1.13	.28631	.001	1
S5	10.000	10.096	.096	.957	.58471	.000	1

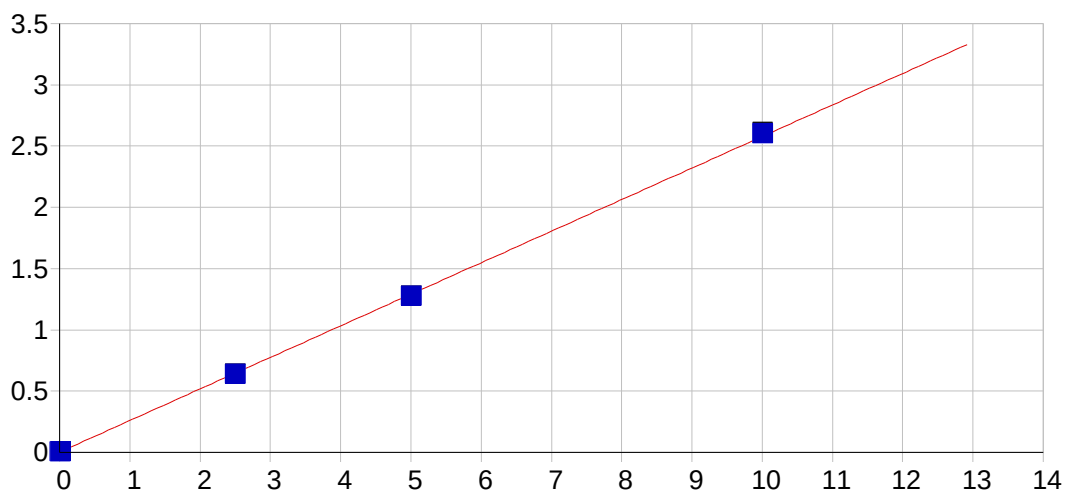


TI 190.856 {477}

Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000404 Re-Slope: 1.000000
 A1 (Gain): 0.152284 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.001245
 Predicted MQL: 0.004149

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00041	.000	1
S1	.04000	.04622	.006	15.6	.00648	.000	1
S3	2.5000	2.5097	.010	.389	.37788	.000	1
S4	5.0000	4.9952	-.005	-.096	.75248	.001	1
S5	10.000	9.9889	-.011	-.111	1.5051	.005	1

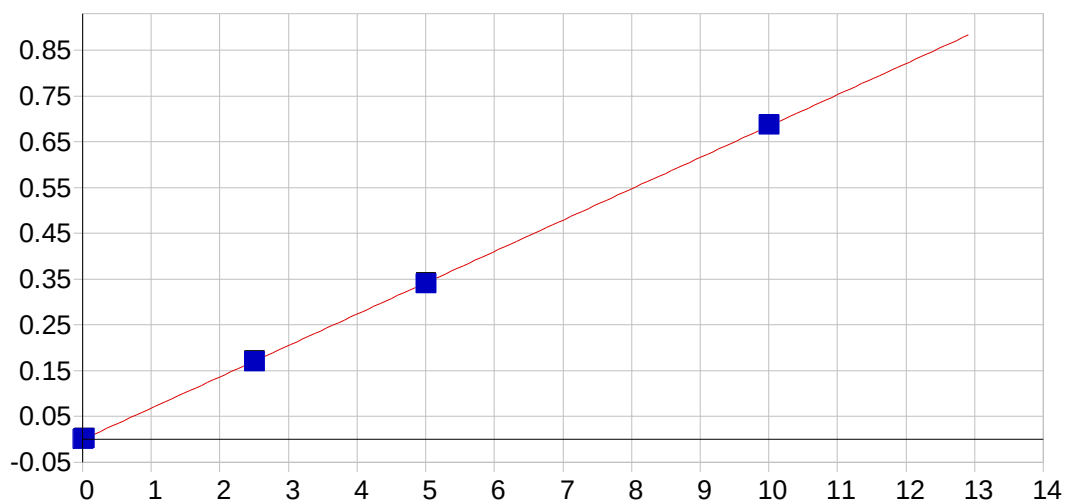


Pb 220.353 {453}

Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002712 Re-Slope: 1.000000
 A1 (Gain): 0.257549 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.001123
 Predicted MQL: 0.003743

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00271	.000	1
S1	.01200	.01230	.000	2.50	.00582	.000	1
S3	2.5000	2.4657	-.034	-1.37	.63687	.001	1
S4	5.0000	4.9401	-.060	-1.20	1.2733	.001	1
S5	10.000	10.094	.094	.939	2.5988	.007	1



Se 196.090 {472}

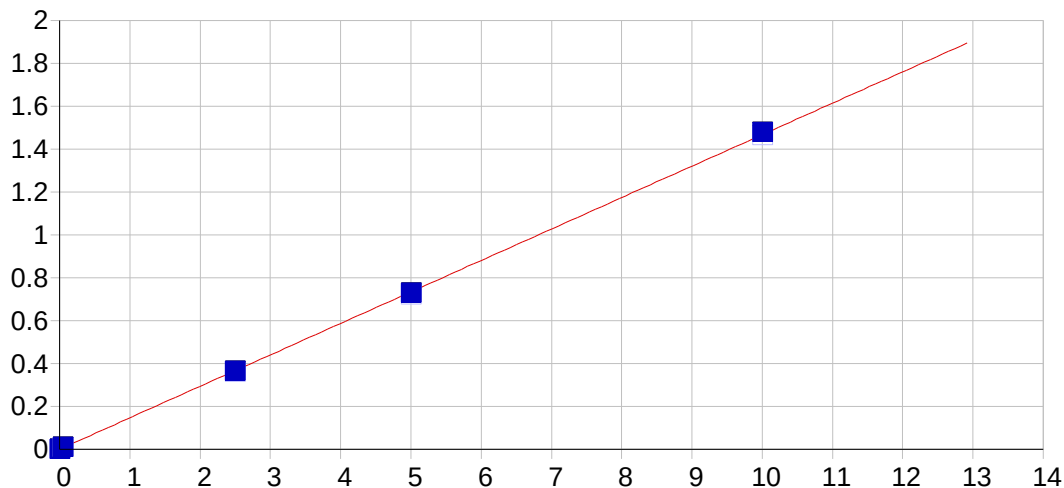
Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000196 Re-Slope: 1.000000
 A1 (Gain): 0.068449 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000009
 Predicted MDL: 0.003154
 Predicted MQL: 0.010514

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00020	.000	1
S1	.02000	.02233	.002	11.7	.00133	.000	1
S3	2.5000	2.4881	-.012	-.477	.17007	.001	1
S4	5.0000	4.9774	-.023	-.452	.34043	.001	1
S5	10.000	10.032	.032	.322	.68635	.000	1



Sb 206.833 {463}

Date of Fit: 12/17/2018 17:59:31

Type of Fit: Linear

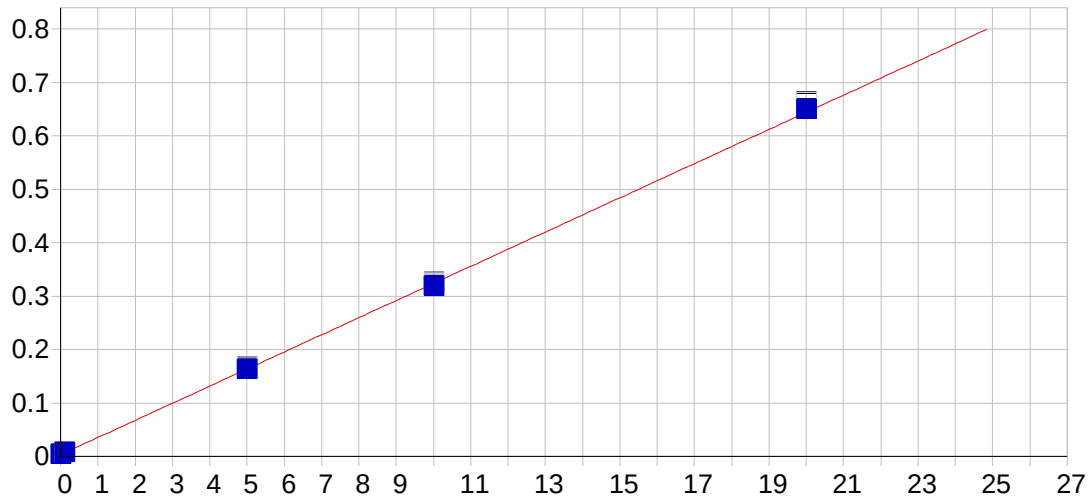
Weighting: 1/Conc

A0 (Offset): 0.000461
 A1 (Gain): 0.146696
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953
 Std Error of Est: 0.000054
 Predicted MDL: 0.001777
 Predicted MQL: 0.005925

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	.00046	.000	1
S1	.05000	.05367	.004	7.33	.00815	.000	1
S3	2.5000	2.4705	-.029	-1.18	.35875	.001	1
S4	5.0000	4.9524	-.048	-.952	.71871	.002	1
S5	10.000	10.073	.073	.735	1.4617	.000	1

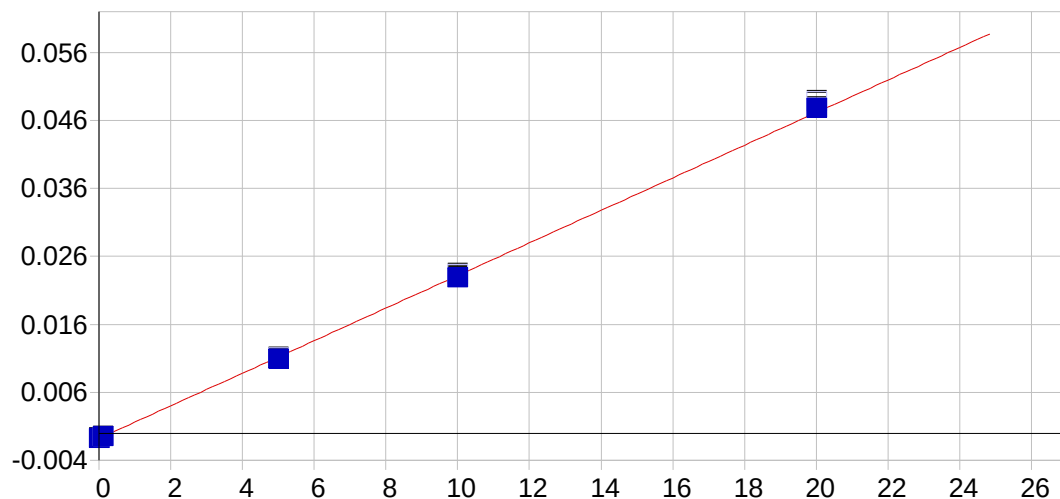


AI 308.215 {109}

Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003322 Re-Slope: 1.000000
 A1 (Gain): 0.032049 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.003401
 Predicted MQL: 0.011336

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00332	.000	1
S1	.10000	.10690	.007	6.90	.00697	.000	1
S3	5.0000	4.9821	-.018	-.357	.16619	.000	1
S4	10.000	9.8472	-.153	-1.53	.32530	.001	1
S5	20.000	20.163	.163	.817	.66231	.002	1



AI 309.271 {109}

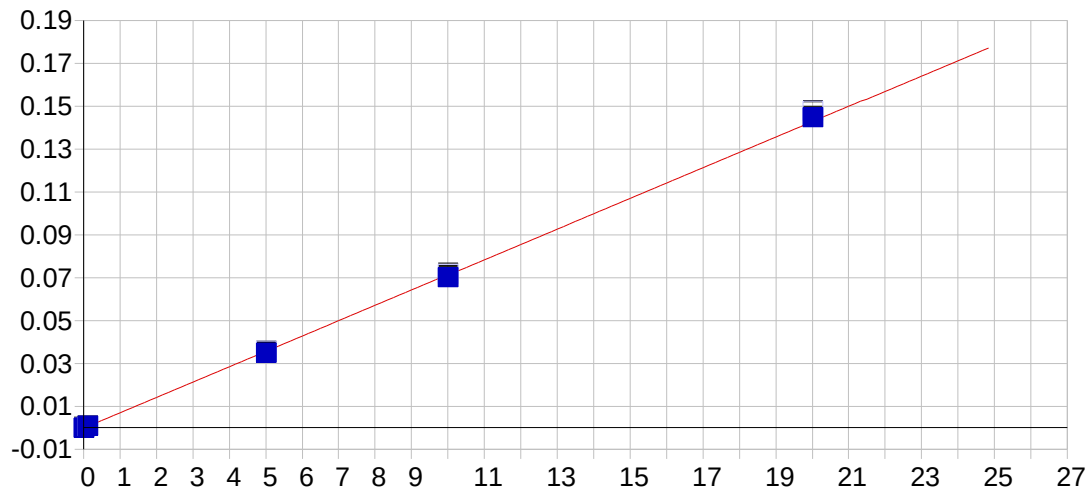
Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000783 Re-Slope: 1.000000
 A1 (Gain): 0.002397 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999861
 Std Error of Est: 0.000003
 Predicted MDL: 0.032073
 Predicted MQL: 0.106912

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00078	.000	1
S1	.10000	.10814	.008	8.14	-.00051	.000	1
S3	5.0000	4.8553	-.145	-2.89	.01109	.000	1
S4	10.000	9.8684	-.132	-1.32	.02334	.000	1
S5	20.000	20.268	.268	1.34	.04874	.000	1

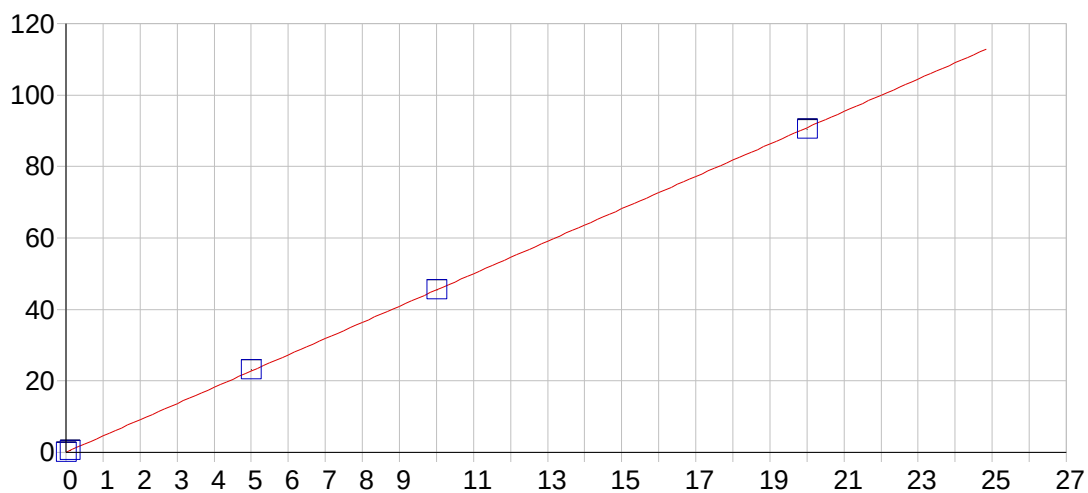


AI 396.152 { 85}

Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000019 Re-Slope: 1.000000
 A1 (Gain): 0.007137 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.014121
 Predicted MQL: 0.047069

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00002	.000	1
S1	.10000	.11282	.013	12.8	.00084	.000	1
S3	5.0000	4.8872	-.113	-2.26	.03557	.000	1
S4	10.000	9.8133	-.187	-1.87	.07144	.001	1
S5	20.000	20.286	.286	1.43	.14761	.000	1

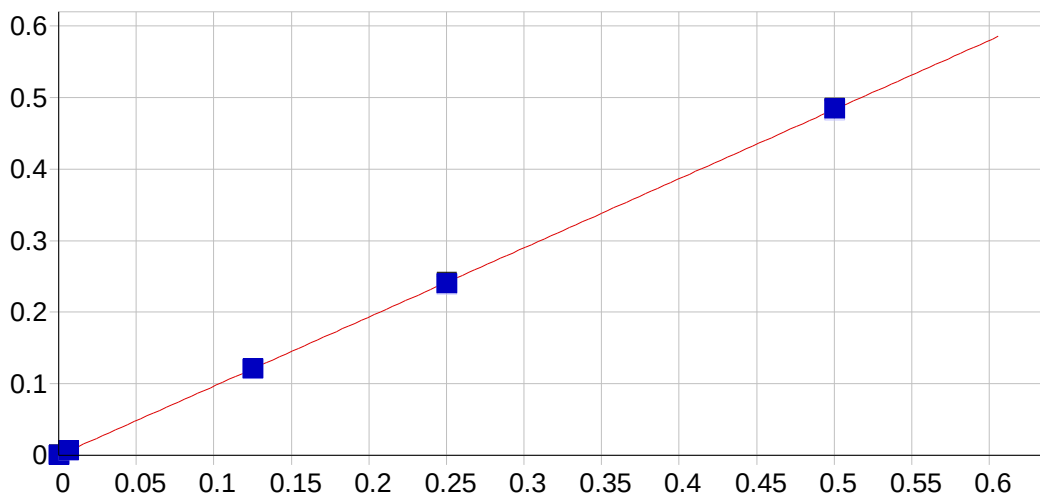


Ba 493.409 { 68}

Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.059382 Re-Slope: 1.000000
 A1 (Gain): 4.539868 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.003236
 Predicted MDL: 0.000739
 Predicted MQL: 0.002463

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.05932	.000	1
S1	.10000	.11182	.012	11.8	.56702	.002	1
S3	5.0000	5.0768	.077	1.54	23.107	.016	1
S5	20.000	19.903	-.097	-.484	90.417	.069	1
S4	10.000	10.008	.008	.082	45.495	.011	1



Be 234.861 {144}

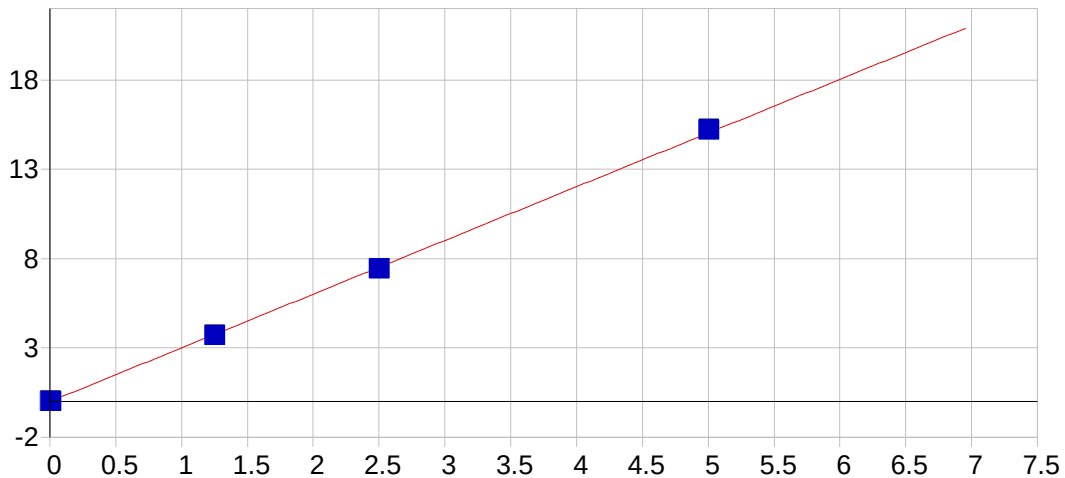
Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000023 Re-Slope: 1.000000
 A1 (Gain): 0.966395 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974
 Std Error of Est: 0.000021
 Predicted MDL: 0.000073
 Predicted MQL: 0.000243

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.00600	.00640	.000	6.74	.00615	.000	1
S3	.12500	.12526	.000	.206	.12031	.000	1
S4	.25000	.24808	-.002	-.770	.23824	.002	1
S5	.50000	.50126	.001	.253	.48140	.000	1

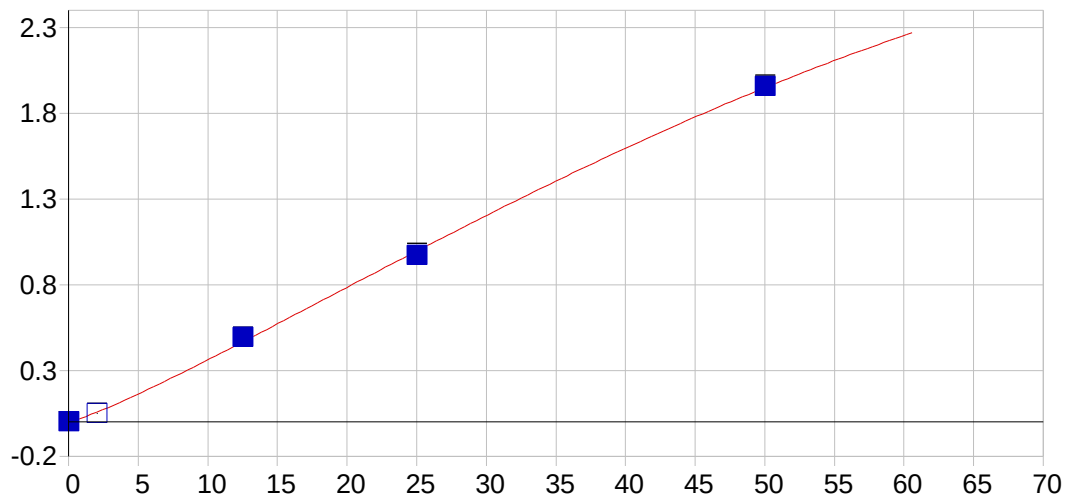


Cd 226.502 {449}

Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000830 Re-Slope: 1.000000
 A1 (Gain): 3.006070 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.000338
 Predicted MDL: 0.000101
 Predicted MQL: 0.000338

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00083	.000	1
S1	.00600	.00605	.000	.784	.01738	.000	1
S3	1.2500	1.2271	-.023	-1.84	3.6886	.008	1
S4	2.5000	2.4716	-.028	-1.13	7.4308	.006	1
S5	5.0000	5.0513	.051	1.03	15.187	.037	1

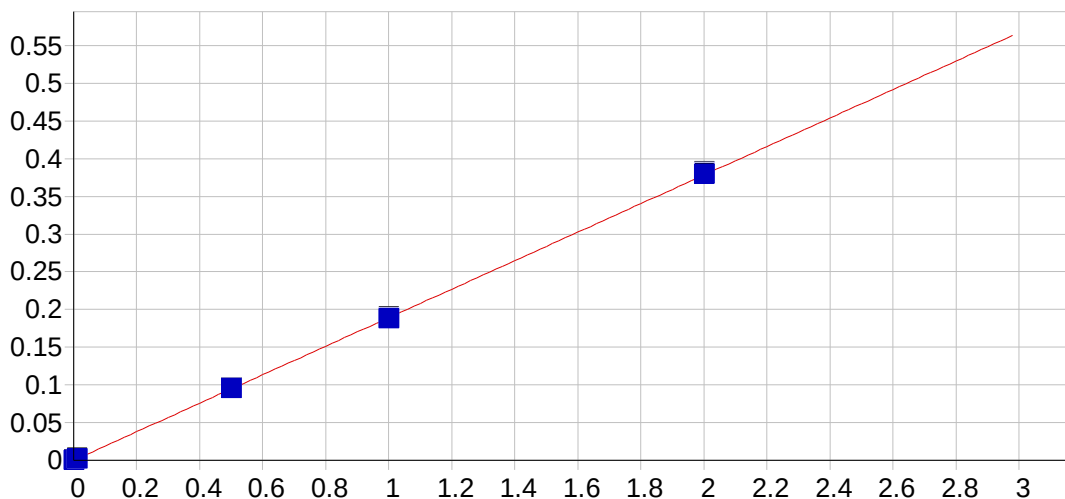


Ca 373.690 { 90}

Date of Fit: 12/17/2018 17:59:31 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000652 Re-Slope: 1.000000
 A1 (Gain): 0.024733 Y-int: 0.000000
 A2 (Curvature): -0.000054
 n (Exponent): 1.180000
 Correlation: 0.999631 Status: OK.
 Std Error of Est: 0.000996
 Predicted MDL: 0.033522
 Predicted MQL: 0.111740

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.7912	-.209	-10.4	.04964	.000	1
S0	.00000	.00067	.001	.000	.00066	.001	1
S3	12.500	13.102	.602	4.81	.49231	.000	1
S4	25.000	24.412	-.588	-2.35	.97236	.009	1
S5	50.000	50.178	.178	.357	1.9555	.007	1



Cr 267.716 {126}

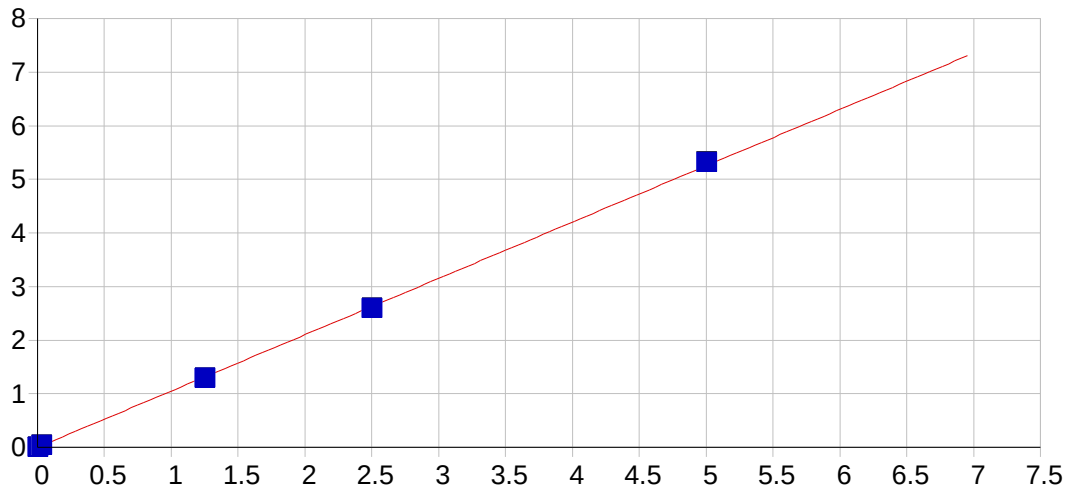
Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000092 Re-Slope: 1.000000
 A1 (Gain): 0.189064 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983
 Std Error of Est: 0.000008
 Predicted MDL: 0.000473
 Predicted MQL: 0.001577

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00009	.000	1
S1	.01000	.01061	.001	6.09	.00211	.000	1
S3	.50000	.50251	.003	.501	.09580	.000	1
S4	1.0000	.99237	-.008	-.763	.18913	.001	1
S5	2.0000	2.0045	.005	.226	.38190	.001	1



Co 228.616 {447}

Date of Fit: 12/17/2018 17:59:31

Type of Fit: Linear

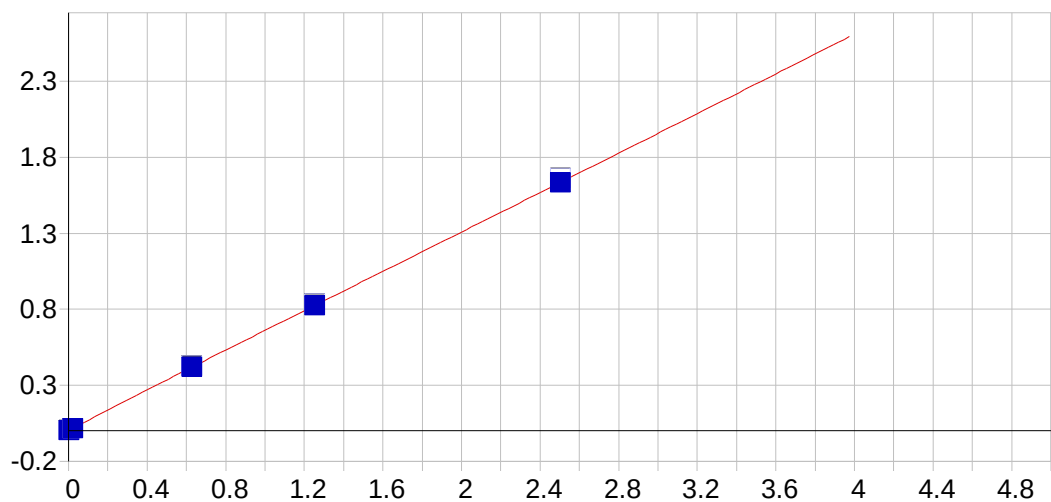
Weighting: 1/Conc

A0 (Offset): 0.000113
 A1 (Gain): 1.050484
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884
 Std Error of Est: 0.000336
 Predicted MDL: 0.000265
 Predicted MQL: 0.000882

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	.00011	.000	1
S1	.03000	.03369	.004	12.3	.03529	.000	1
S3	1.2500	1.2258	-.024	-1.93	1.2888	.000	1
S4	2.5000	2.4646	-.035	-1.41	2.5912	.001	1
S5	5.0000	5.0559	.056	1.12	5.3154	.010	1

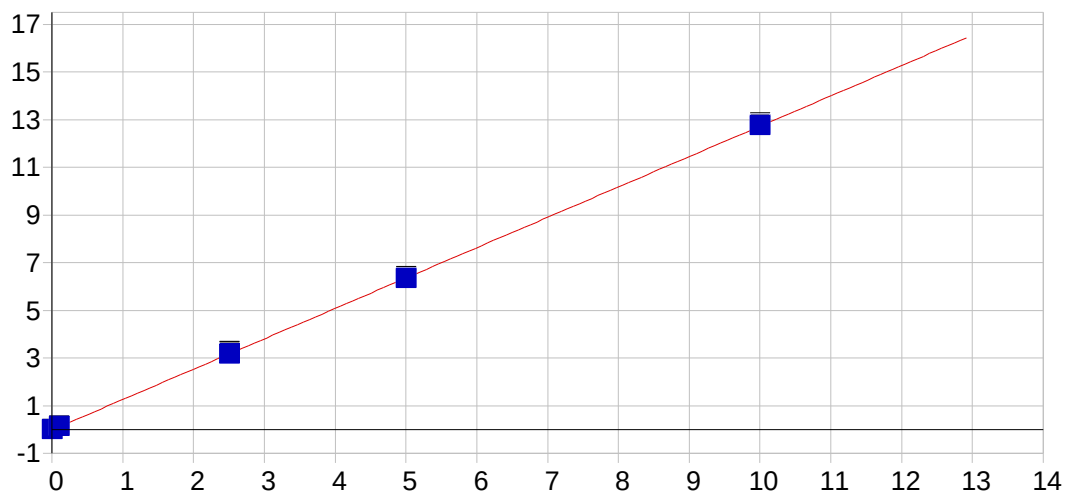


Cu 224.700 {450}

Date of Fit: 12/17/2018 17:59:31 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000444 Re-Slope: 1.000000
 A1 (Gain): 0.654199 Y-int: 0.000000
 A2 (Curvature): 0.006775
 n (Exponent): 0.970000
 Correlation: 0.999999 Status: Warning Positive Curvature
 Std Error of Est: 0.000022
 Predicted MDL: 0.000533
 Predicted MQL: 0.001775

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00044	.000	1
S1	.02000	.01970	-.000	-1.48	.01515	.000	1
S3	.62500	.62654	.002	.246	.42546	.000	1
S4	1.2500	1.2484	-.002	-.131	.83533	.001	1
S5	2.5000	2.5004	.000	.018	1.6584	.000	1



Fe 240.488 {140}

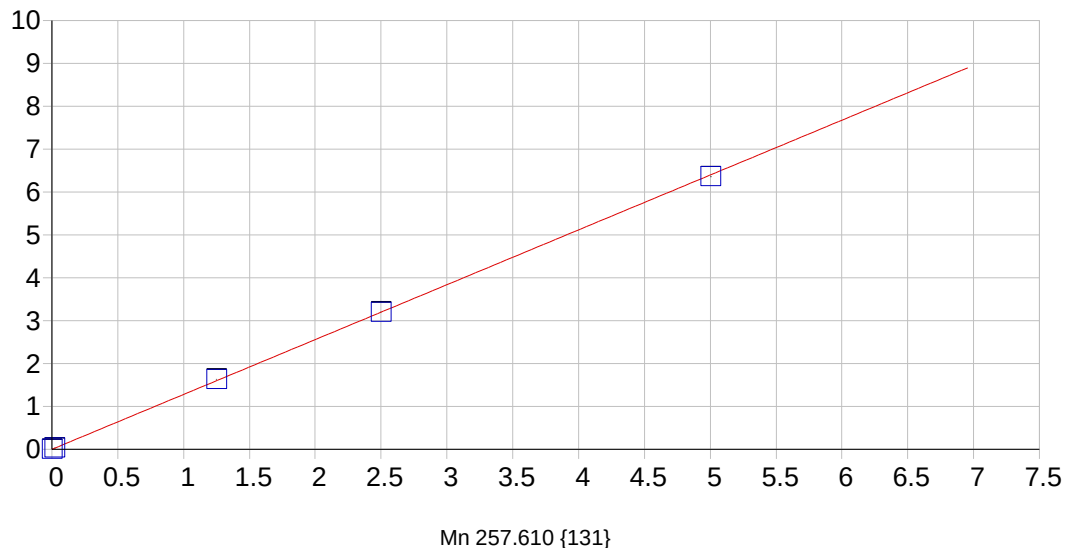
Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.017930 Re-Slope: 1.000000
 A1 (Gain): 1.273924 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906
 Std Error of Est: 0.000951
 Predicted MDL: 0.009284
 Predicted MQL: 0.030946

Status: OK.

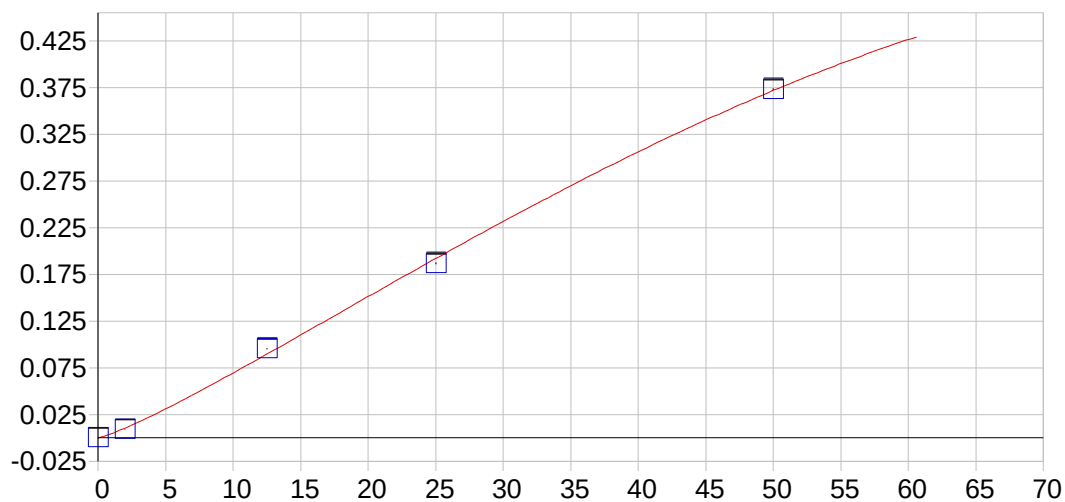
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.01795	.015	1
S1	.10000	.11781	.018	17.8	.13277	.000	1
S3	2.5000	2.4909	-.009	-.364	3.1713	.093	1
S4	5.0000	4.9756	-.024	-.489	6.3526	.069	1
S5	10.000	10.016	.016	.157	12.805	.039	1



Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000560 Re-Slope: 1.000000
 A1 (Gain): 1.279749 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000248
 Predicted MDL: 0.000068
 Predicted MQL: 0.000226

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00056	.000	1
S1	.02000	.02298	.003	14.9	.02997	.000	1
S3	1.2500	1.2757	.026	2.06	1.6331	.002	1
S4	2.5000	2.4989	-.001	-.044	3.1985	.008	1
S5	5.0000	4.9724	-.028	-.552	6.3640	.001	1

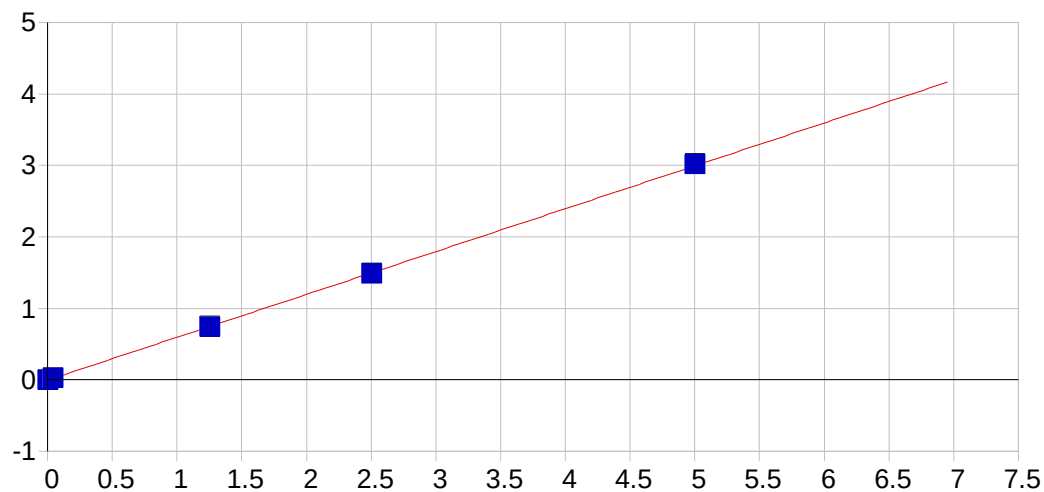


Mg 279.079 {121}

Date of Fit: 12/17/2018 17:59:31 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.004657 Y-int: 0.000000
 A2 (Curvature): -0.000011
 n (Exponent): 1.190000
 Correlation: 0.999506 Status: OK.
 Std Error of Est: 0.000221
 Predicted MDL: 0.085209
 Predicted MQL: 0.284031

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.7441	-.256	-12.8	.00900	.000	1
S0	.00000	.00087	.001	.000	.00001	.000	1
S3	12.500	13.183	.683	5.47	.09528	.001	1
S4	25.000	24.343	-.657	-2.63	.18666	.001	1
S5	50.000	50.205	.205	.410	.37300	.001	1



Ni 231.604 {445}

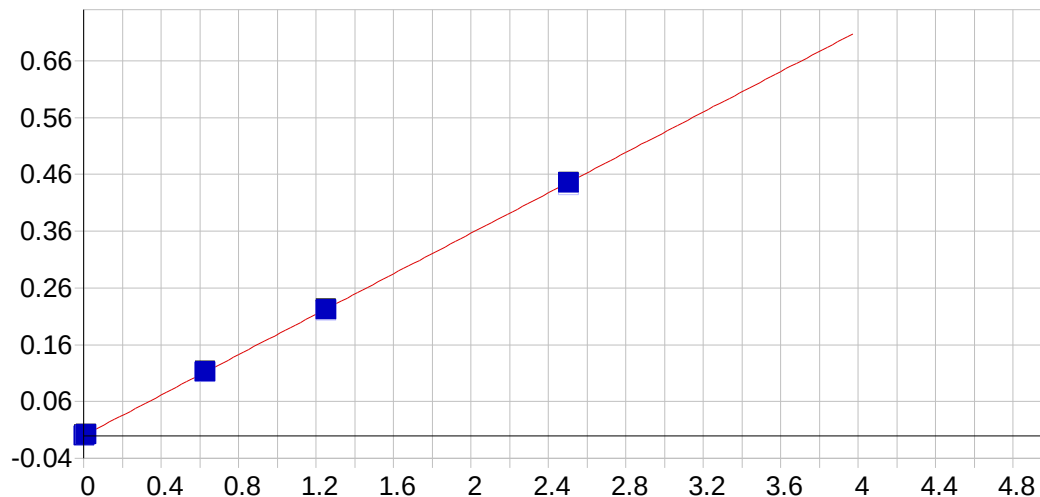
Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004944 Re-Slope: 1.000000
 A1 (Gain): 0.599884 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945
 Std Error of Est: 0.000152
 Predicted MDL: 0.000485
 Predicted MQL: 0.001617

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00495	.000	1
S1	.04000	.04473	.005	11.8	.02190	.000	1
S3	1.2500	1.2425	-.008	-.600	.74123	.002	1
S4	2.5000	2.4763	-.024	-.949	1.4822	.003	1
S5	5.0000	5.0265	.026	.530	3.0136	.007	1

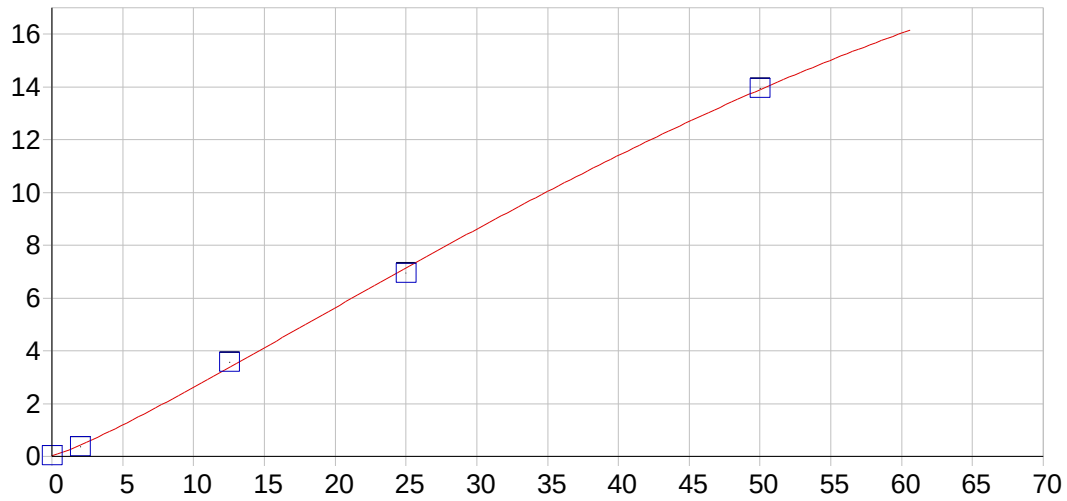


Ag 328.068 {103}

Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.178068 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.000722
 Predicted MQL: 0.002408

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.01000	.01079	.001	7.92	.00188	.000	1
S3	.62500	.63159	.007	1.06	.11120	.001	1
S4	1.2500	1.2442	-.006	-.462	.21902	.001	1
S5	2.5000	2.4984	-.002	-.064	.43983	.000	1

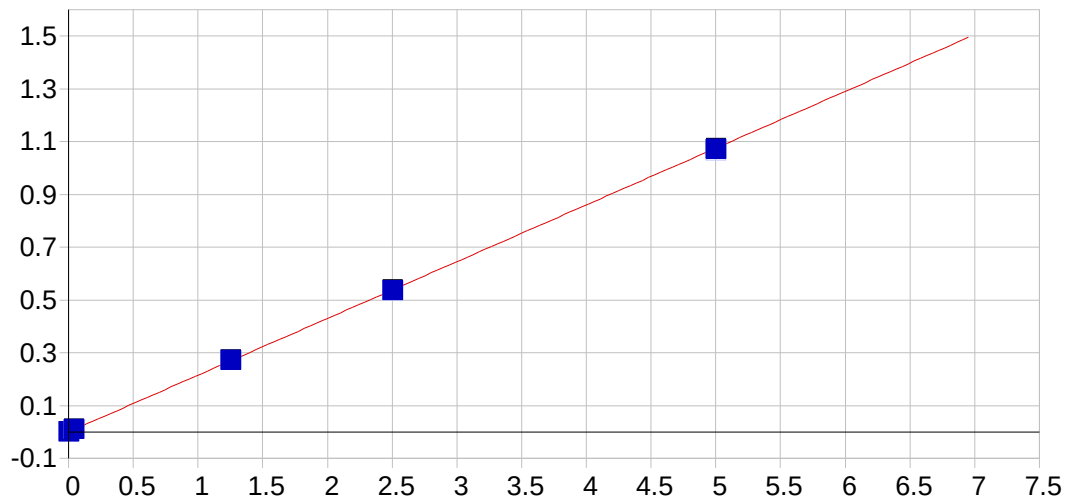


Na 589.592 { 57}

Date of Fit: 12/17/2018 17:59:31 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.030909 Re-Slope: 1.000000
 A1 (Gain): 0.176790 Y-int: 0.000000
 A2 (Curvature): -0.000392
 n (Exponent): 1.180000
 Correlation: 0.999522 Status: OK.
 Std Error of Est: 0.008081
 Predicted MDL: 0.016725
 Predicted MQL: 0.055751

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.7522	-.248	-12.4	.37211	.001	1
S0	.00000	.00079	.001	.000	.03095	.003	1
S3	12.500	13.178	.678	5.42	3.5646	.001	1
S4	25.000	24.346	-.654	-2.61	6.9443	.008	1
S5	50.000	50.198	.198	.396	13.947	.009	1



V 292.402 {115}

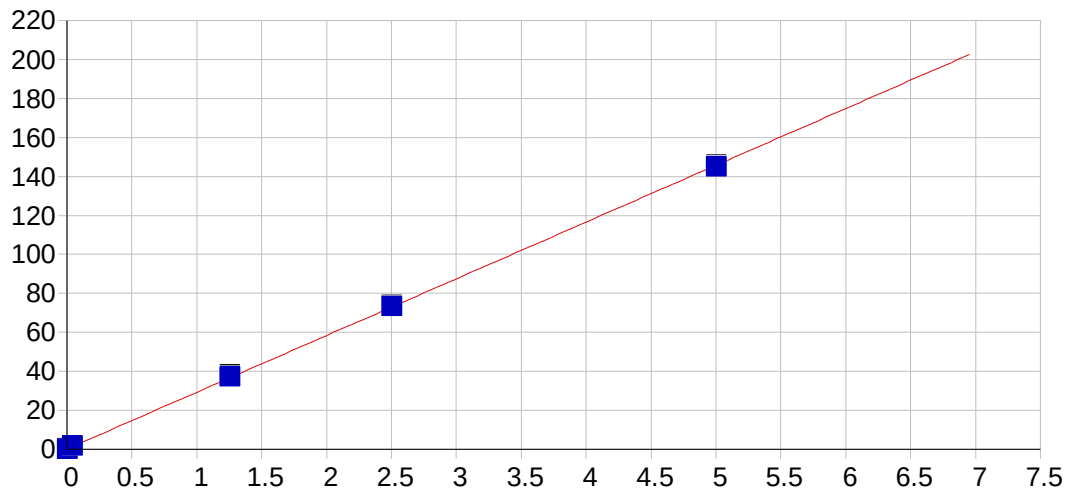
Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000029 Re-Slope: 1.000000
 A1 (Gain): 0.215059 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926
 Std Error of Est: 0.000063
 Predicted MDL: 0.000526
 Predicted MQL: 0.001753

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00003	.000	1
S1	.04000	.04644	.006	16.1	.00982	.000	1
S3	1.2500	1.2653	.015	1.23	.27033	.000	1
S4	2.5000	2.4941	-.006	-.236	.53283	.001	1
S5	5.0000	4.9842	-.016	-.316	1.0648	.001	1



Zn 206.200 {163}

Date of Fit: 12/17/2018 17:59:31

Type of Fit: Linear

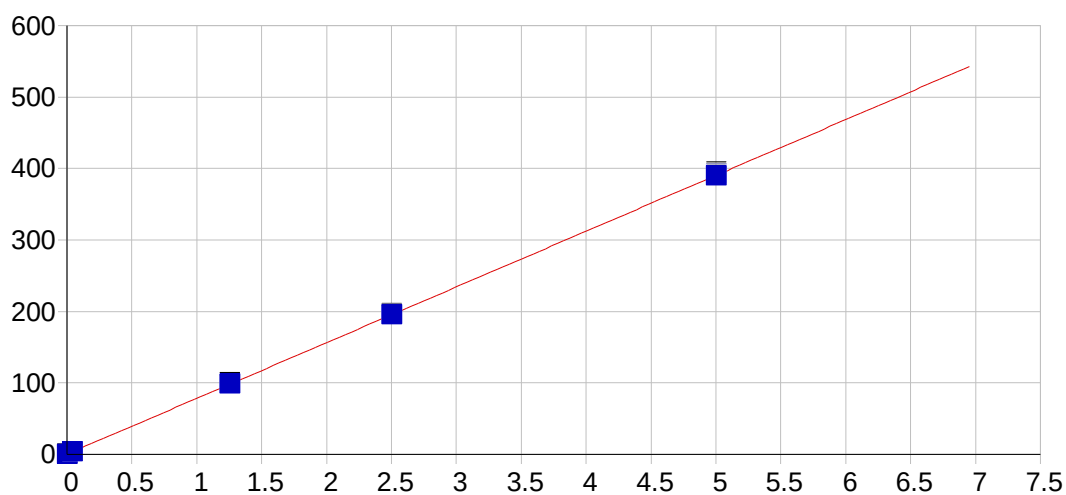
Weighting: 1/Conc

A0 (Offset): 0.157767
 A1 (Gain): 29.109792
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876
 Std Error of Est: 0.011145
 Predicted MDL: 0.000543
 Predicted MQL: 0.001811

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	.15752	.017	1
S1	.04000	.04799	.008	20.0	1.5624	.002	1
S3	1.2500	1.2698	.020	1.58	37.340	.875	1
S4	2.5000	2.5084	.008	.337	73.617	.211	1
S5	5.0000	4.9638	-.036	-.724	145.53	.360	1

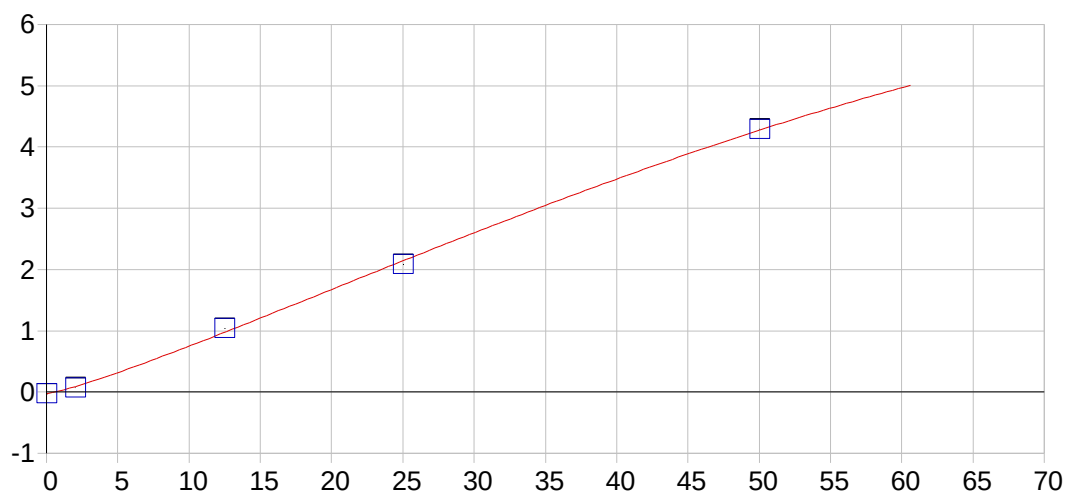


Zn 213.856 {458}

Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.301435 Re-Slope: 1.000000
 A1 (Gain): 78.009965 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.023976
 Predicted MDL: 0.000100
 Predicted MQL: 0.000333

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.30086	.017	1
S1	.04000	.04736	.007	18.4	4.0161	.012	1
S3	1.2500	1.2568	.007	.547	98.937	1.76	1
S4	2.5000	2.4949	-.005	-.206	196.11	.698	1
S5	5.0000	4.9909	-.009	-.181	392.00	2.51	1



K 766.490 {44}

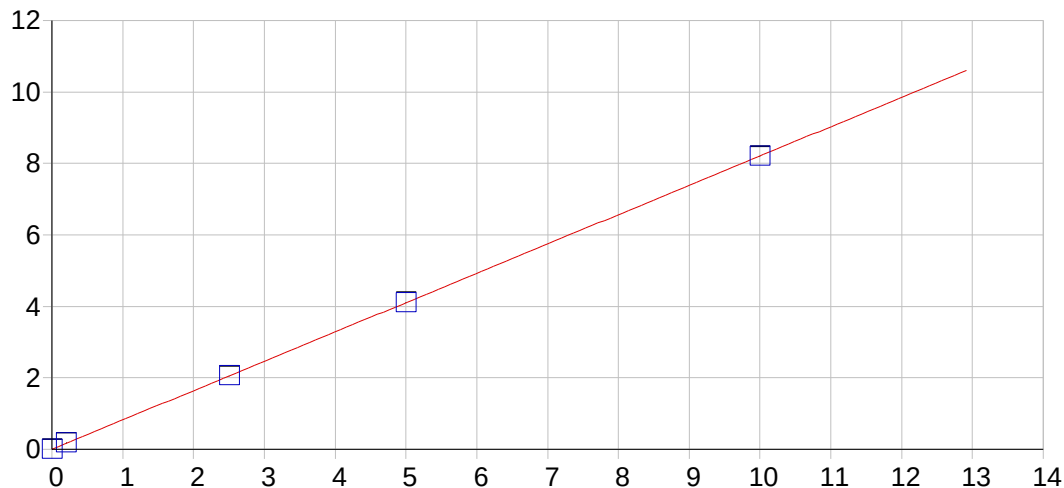
Date of Fit: 12/17/2018 17:59:31 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.030004 Re-Slope: 1.000000
 A1 (Gain): 0.051941 Y-int: 0.000000

A2 (Curvature): -0.000105
 n (Exponent): 1.190000
 Correlation: 0.999494
 Std Error of Est: 0.002558
 Predicted MDL: 0.064754
 Predicted MQL: 0.215847

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.7098	-.290	-14.5	.06796	.004	1
S0	.00000	.00100	.001	.000	-.02999	.002	1
S3	12.500	13.185	.685	5.48	1.0395	.000	1
S4	25.000	24.377	-.623	-2.49	2.0835	.001	1
S5	50.000	50.176	.176	.352	4.2874	.006	1



Mo 202.030 {467}

Date of Fit: 12/17/2018 17:59:31

Type of Fit: Linear

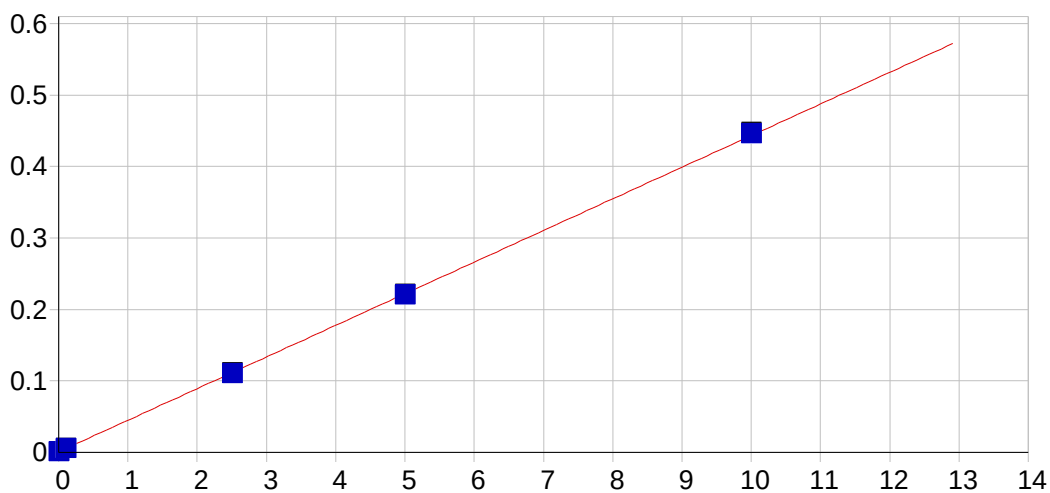
Weighting: 1/Conc

A0 (Offset): 0.000304
 A1 (Gain): 0.820805
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986
 Std Error of Est: 0.000333
 Predicted MDL: 0.000290
 Predicted MQL: 0.000968

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	.00030	.000	1
S1	.20000	.20963	.010	4.82	.17237	.001	1
S3	2.5000	2.5014	.001	.055	2.0534	.004	1
S4	5.0000	5.0048	.005	.095	4.1082	.010	1
S5	10.000	9.9842	-.016	-.158	8.1954	.008	1

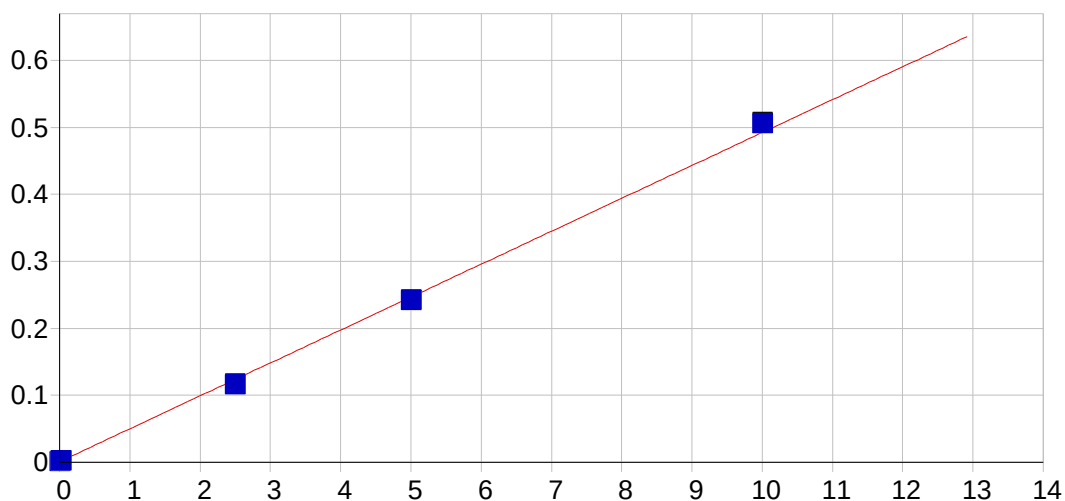


B 249.678 {135}

Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000720 Re-Slope: 1.000000
 A1 (Gain): 0.044266 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.008658
 Predicted MQL: 0.028859

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00072	.001	1
S1	.10000	.09735	-.003	-2.65	.00501	.000	1
S3	2.5000	2.4792	-.021	-.834	.11020	.001	1
S4	5.0000	4.9668	-.033	-.663	.22006	.001	1
S5	10.000	10.057	.057	.566	.44485	.002	1



S 182.034 {485}

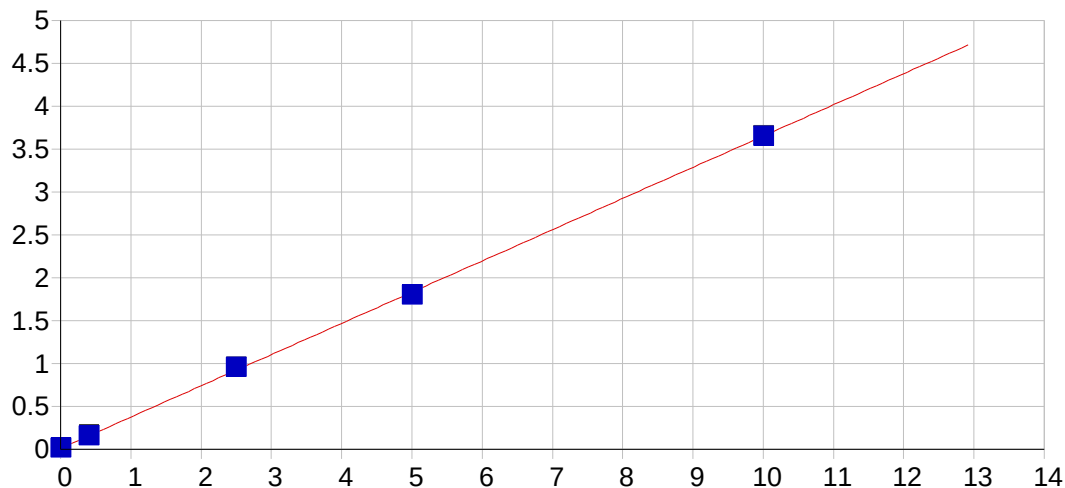
Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000959 Re-Slope: 1.000000
 A1 (Gain): 0.049152 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999419
 Std Error of Est: 0.000040
 Predicted MDL: 0.003158
 Predicted MQL: 0.010527

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00096	.000	1
S1	.02000	.01897	-.001	-5.15	.00186	.000	1
S3	2.5000	2.3355	-.165	-6.58	.11562	.001	1
S4	5.0000	4.8957	-.104	-2.09	.24132	.000	1
S5	10.000	10.270	.270	2.70	.50519	.001	1



Si 288.158 {117}

Date of Fit: 12/17/2018 17:59:31

Type of Fit: Linear

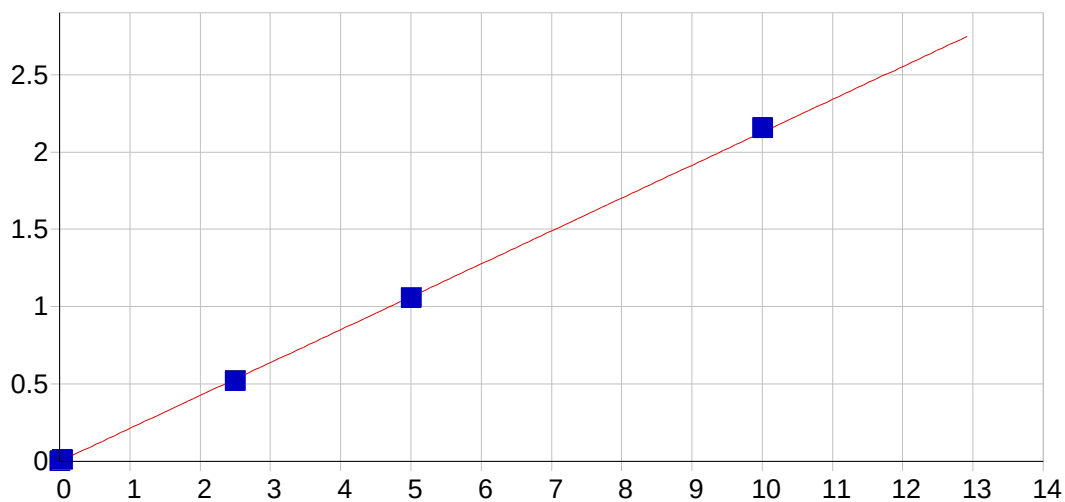
Weighting: 1/Conc

A0 (Offset): 0.012313
 A1 (Gain): 0.364036
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870
 Std Error of Est: 0.000641
 Predicted MDL: 0.002858
 Predicted MQL: 0.009528

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	.01231	.000	1
S1	.40000	.40647	.006	1.62	.16016	.001	1
S3	2.5000	2.5847	.085	3.39	.95277	.003	1
S4	5.0000	4.9083	-.092	-1.83	1.7981	.000	1
S5	10.000	10.000	.000	.005	3.6509	.000	1

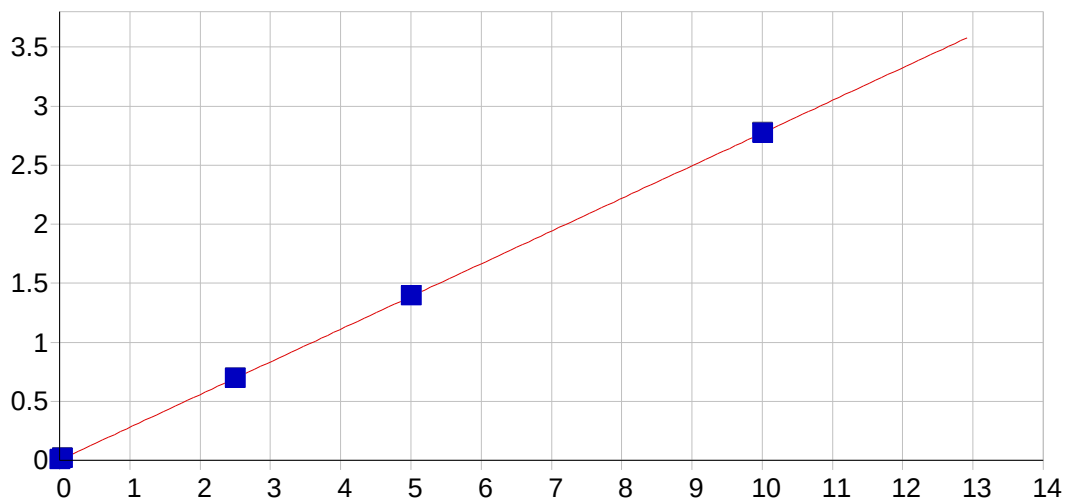


Sn 189.989 {477}

Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000695 Re-Slope: 1.000000
 A1 (Gain): 0.212648 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.000099
 Predicted MDL: 0.000741
 Predicted MQL: 0.002469

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00070	.000	1
S1	.04000	.04093	.001	2.33	.00940	.000	1
S3	2.5000	2.4340	-.066	-2.64	.51837	.001	1
S4	5.0000	4.9579	-.042	-.842	1.0552	.001	1
S5	10.000	10.107	.107	1.07	2.1503	.006	1



Ti 336.121 {100}

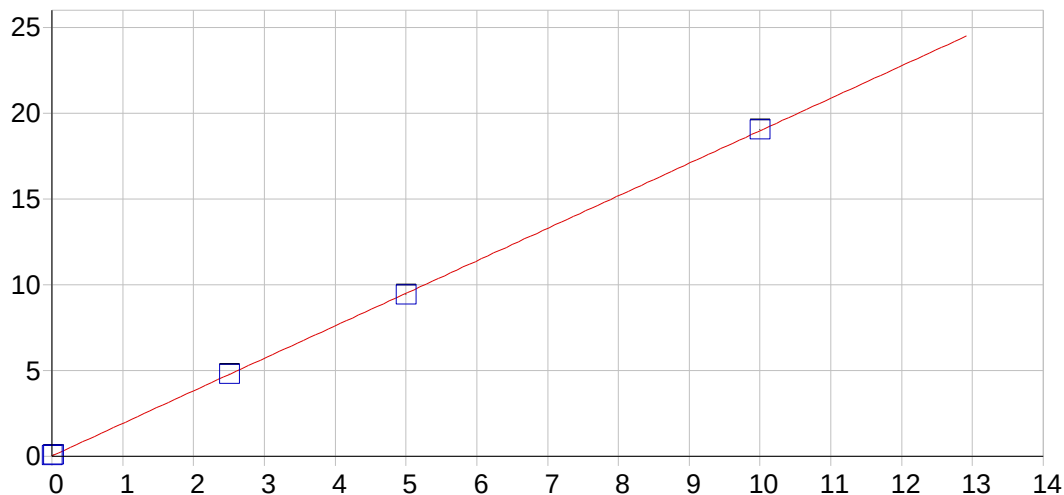
Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002985 Re-Slope: 1.000000
 A1 (Gain): 0.276876 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971
 Std Error of Est: 0.000072
 Predicted MDL: 0.002245
 Predicted MQL: 0.007483

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00298	.001	1
S1	.04000	.04607	.006	15.2	.01574	.000	1
S3	2.5000	2.4895	-.011	-.422	.69216	.003	1
S4	5.0000	5.0136	.014	.272	1.3910	.005	1
S5	10.000	9.9909	-.009	-.091	2.7689	.004	1



Li 670.784 { 50}

Date of Fit: 12/17/2018 17:59:31

Type of Fit: Linear

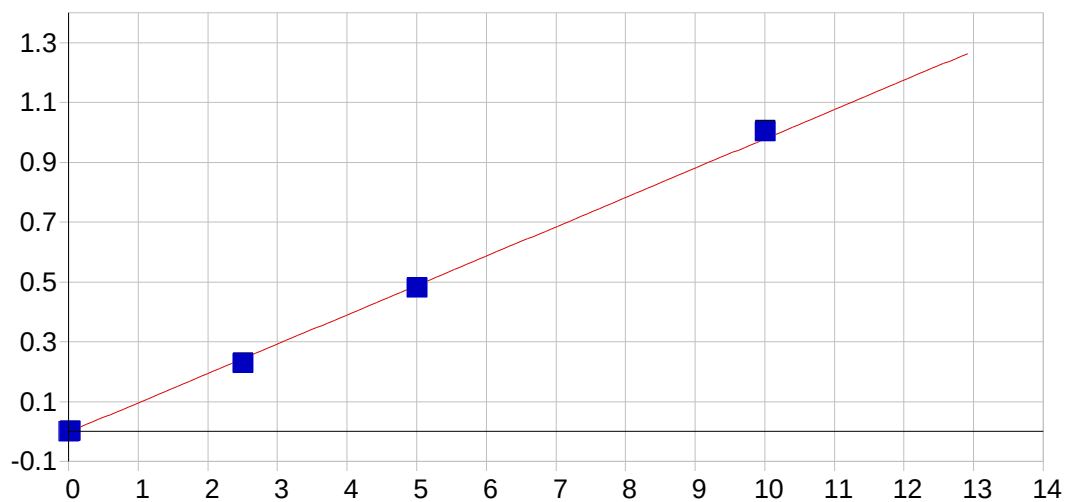
Weighting: 1/Conc

A0 (Offset): 0.024934
 A1 (Gain): 1.894817
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984
 Std Error of Est: 0.000260
 Predicted MDL: 0.001666
 Predicted MQL: 0.005554

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	.02493	.000	1
S1	.02000	.01986	-.000	-.704	.06256	.001	1
S3	2.5000	2.5132	.013	.528	4.7870	.018	1
S4	5.0000	4.9556	-.044	-.889	9.4148	.012	1
S5	10.000	10.031	.031	.314	19.033	.011	1

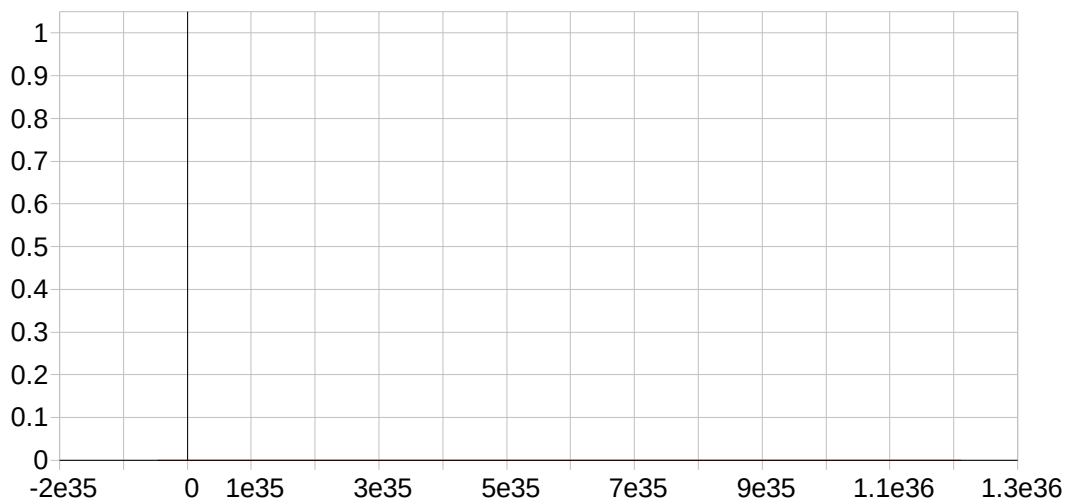


P 177.495 {490}

Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002213 Re-Slope: 1.000000
 A1 (Gain): 0.098047 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999476 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.001594
 Predicted MQL: 0.005314

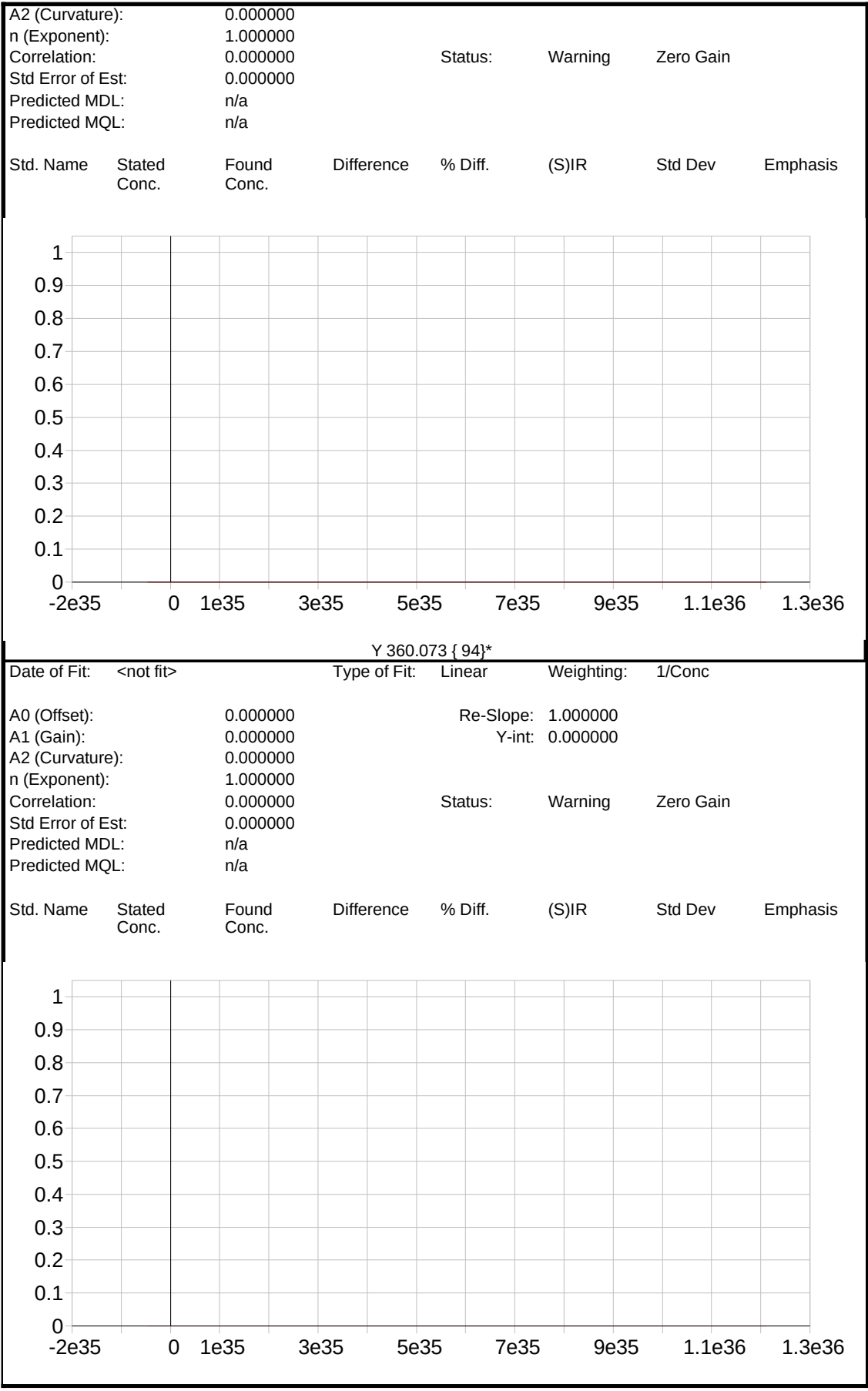
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00221	.000	1
S1	.02000	.01765	-.002	-11.7	-.00049	.000	1
S3	2.5000	2.3420	-.158	-6.32	.22706	.001	1
S4	5.0000	4.9080	-.092	-1.84	.47829	.000	1
S5	10.000	10.252	.252	2.52	1.0016	.003	1

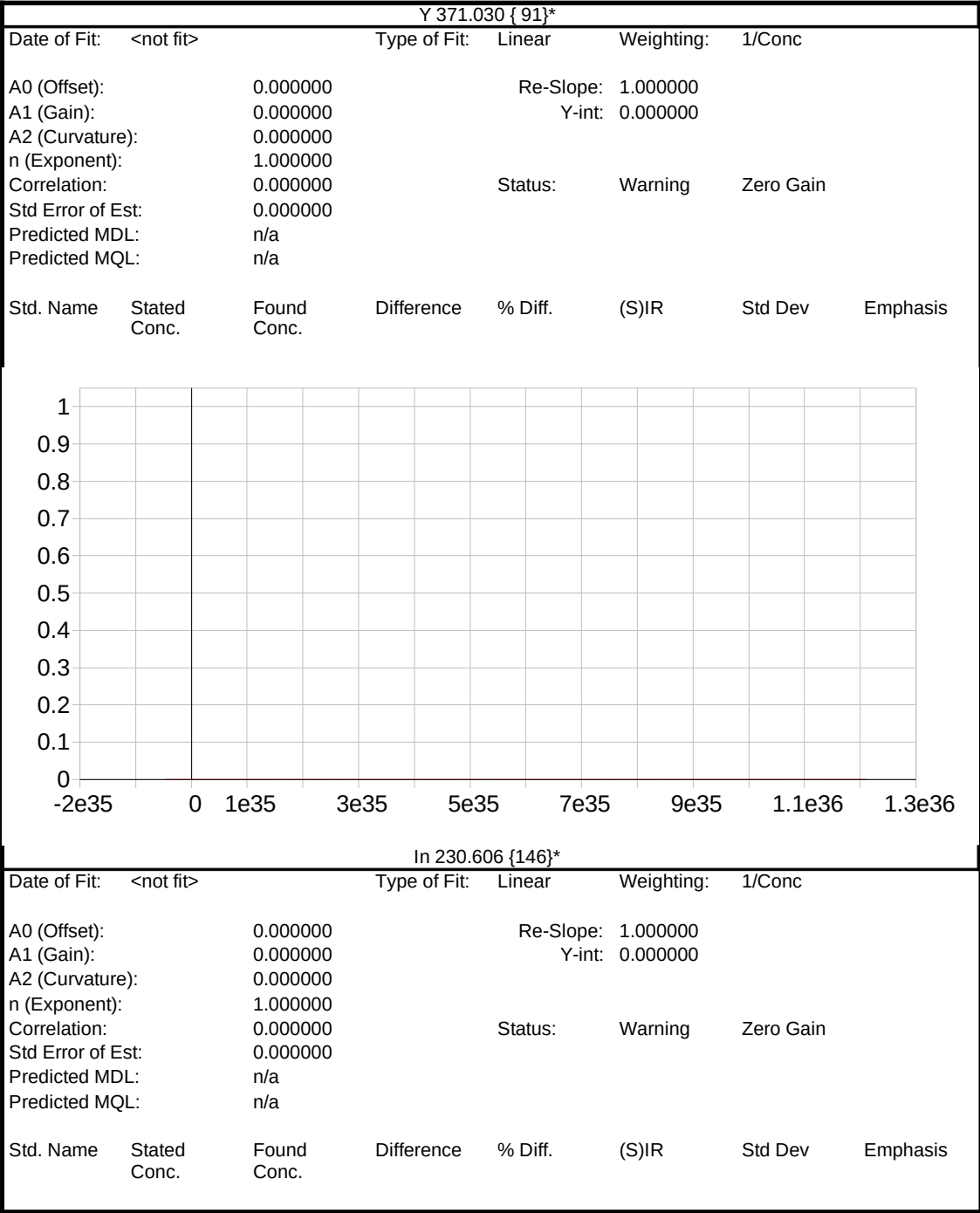


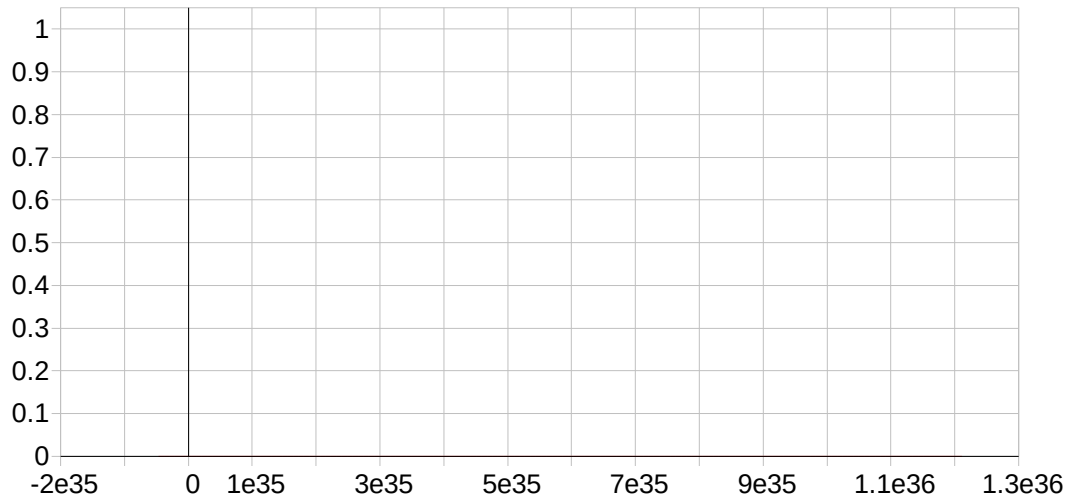
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

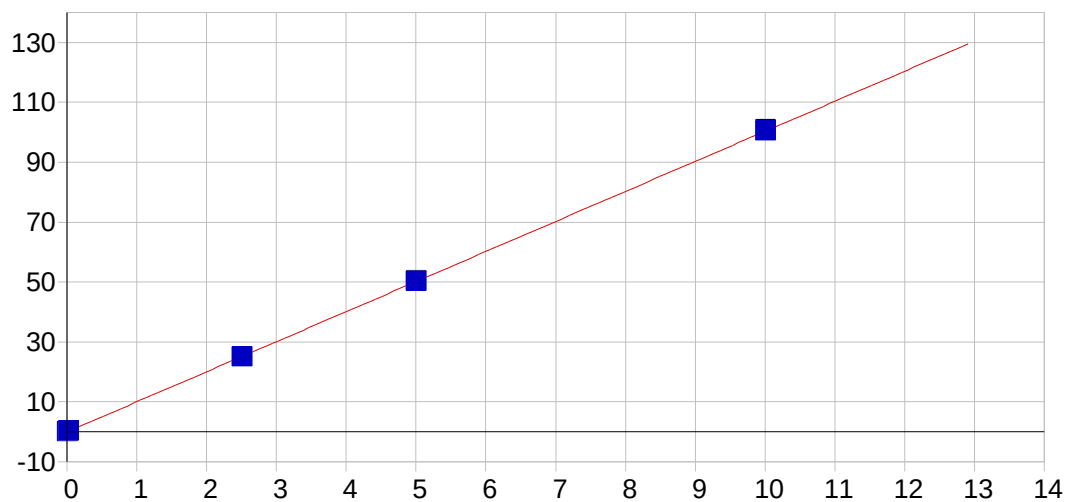
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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



Sr 407.771 { 83}

Date of Fit: 12/17/2018 17:59:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004339

Re-Slope: 1.000000

A1 (Gain): 10.033792

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999998

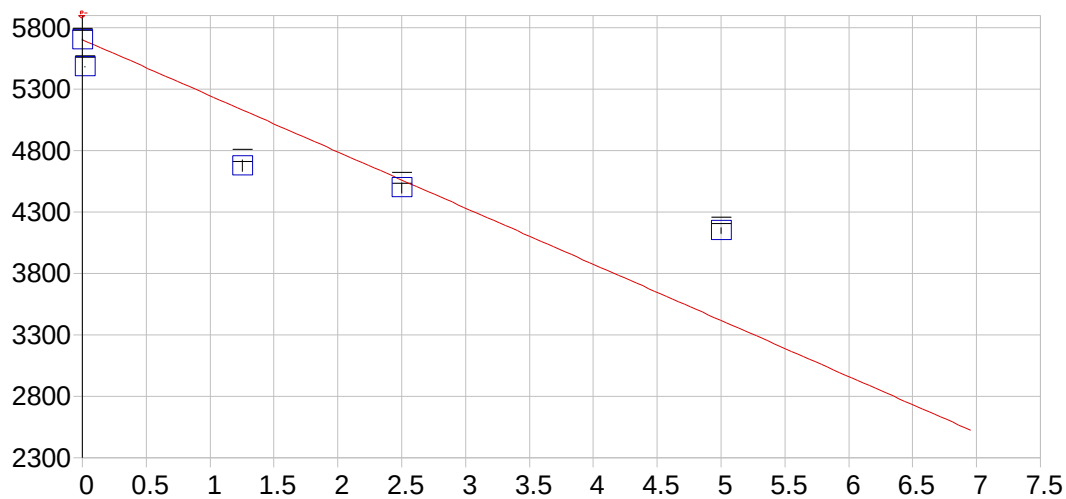
Status: OK.

Std Error of Est: 0.000425

Predicted MDL: 0.000113

Predicted MQL: 0.000378

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00434	.001	1
S1	.02000	.02021	.000	1.07	.19959	.001	1
S3	2.5000	2.4898	-.010	-.406	25.006	.027	1
S4	5.0000	4.9998	-.000	-.005	50.217	.169	1
S5	10.000	10.010	.010	.102	100.55	.296	1

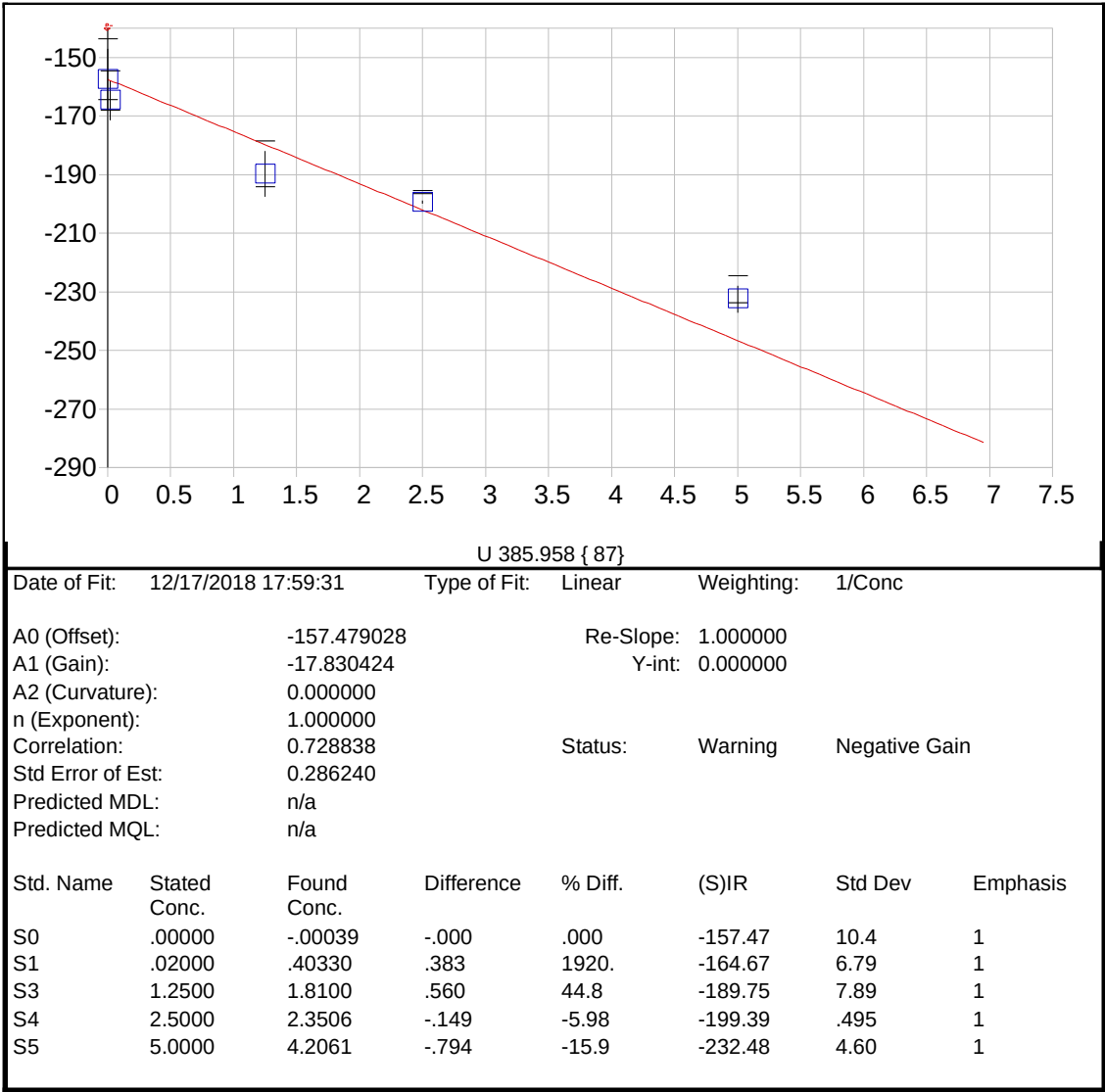


U 367.007 { 92 }

Date of Fit: 12/17/2018 17:59:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5704.404386 Re-Slope: 1.000000
A1 (Gain): -457.189830 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.648173 Status: Warning Negative Gain
Std Error of Est: 9.178677
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00047	-.000	.000	5704.6	6.15	1
S1	.02000	.48433	.464	2320.	5483.0	6.18	1
S3	1.2500	2.2462	.996	79.7	4677.4	50.2	1
S4	2.5000	2.6379	.138	5.51	4498.4	44.3	1
S5	5.0000	3.4016	-1.60	-32.0	4149.2	24.3	1



Sample Name: S0 Acquired: 12/17/2018 11:18:03 Type: Cal
Method: P4-ICP2(v2660) 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	-.00002	-.00041	.00271	-.00020	.00046	-.00002	.05932	.00002
Stddev	.00007	.00013	.00022	.00004	.00009	.00003	.00043	.00001
%RSD	343.75	31.793	8.1113	18.925	20.044	173.39	.72146	59.955

#1	.00003	-.00031	.00287	-.00022	.00053	.00000	.05902	.00003
#2	-.00007	-.00050	.00256	-.00017	.00040	-.00004	.05963	.00001

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	-.00083	.00066	.00009	.00011	.00044	-.01795	.00056	.00001
Stddev	.00023	.00066	.00003	.00005	.00049	.01468	.00004	.00038
%RSD	27.998	100.16	27.775	45.055	110.33	81.777	7.3840	4023.7

#1	-.00067	.00112	.00011	.00014	.00079	-.02833	.00058	-.00026
#2	-.00099	.00019	.00007	.00007	.00010	-.00757	.00053	.00028

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	-.00495	-.00001	.03095	-.00003	.30086	-.02999	.00030	.00072
Stddev	.00014	.00015	.00283	.00012	.01741	.00213	.00005	.00062
%RSD	2.7626	1999.3	9.1296	399.12	5.7876	7.1045	15.642	85.759

#1	-.00504	-.00012	.02895	-.00012	.31317	-.02848	.00033	.00116
#2	-.00485	.00010	.03295	.00006	.28854	-.03150	.00026	.00028

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	.00096	.01231	.00070	.00298	.02493	-.0022	-.00434	5704.6
Stddev	.00012	.00014	.00020	.00095	.00031	.0000	.00082	6.2
%RSD	12.639	1.1220	29.434	31.919	1.2622	.6650	18.807	.10789

#1	.00104	.01221	.00055	.00366	.02471	-.0022	-.00492	5709.0
#2	.00087	.01241	.00084	.00231	.02516	-.0022	-.00376	5700.3

Sample Name: S0 Acquired: 12/17/2018 11:18:03 Type: Cal
Method: P4-ICP2(v2660) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-157.47
Stddev	10.44
%RSD	6.6298

#1	-164.85
#2	-150.09

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3533.3	49065.	4476.5	107.72	4002.9
Stddev	14.8	180.	41.3	1.76	4.8
%RSD	.42011	.36779	.92335	1.6356	.11901

#1	3522.8	48937.	4447.3	106.48	3999.5
#2	3543.8	49192.	4505.7	108.97	4006.3

Sample Name: S1 Acquired: 12/17/2018 11:22:06 Type: Cal
Method: P4-ICP2(v2660) 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	.00123	.00648	.00582	.00133	.00815	.00084	.56702	.00615
Stddev	.00020	.00007	.00010	.00017	.00023	.00005	.00196	.00005
%RSD	16.444	1.1046	1.7858	12.546	2.7835	6.5529	.34562	.84215

#1	.00138	.00653	.00589	.00121	.00831	.00080	.56564	.00619
#2	.00109	.00643	.00575	.00145	.00799	.00087	.56841	.00611

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	.01738	.00211	.03529	.01515	.13277	.02997	.02190	.00188
Stddev	.00018	.00008	.00009	.00037	.00007	.00016	.00003	.00000
%RSD	1.0331	3.8631	.26821	2.4654	.04904	.52131	.13989	.02970

#1	.01725	.00216	.03536	.01542	.13281	.03008	.02188	.00188
#2	.01751	.00205	.03522	.01489	.13272	.02986	.02192	.00188

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	.00982	4.0161	.17237	.00501	.00186	.16016	.00940	.01574
Stddev	.00006	.0121	.00065	.00028	.00003	.00118	.00014	.00019
%RSD	.57529	.30080	.37872	5.6045	1.4877	.73874	1.5081	1.2001

#1	.00978	4.0247	.17283	.00481	.00188	.15932	.00930	.01560
#2	.00986	4.0076	.17191	.00521	.00184	.16100	.00950	.01587

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06256	-.0005	.19959	5483.0	-164.67
Stddev	.00108	.0000	.00067	6.2	6.79
%RSD	1.7285	8.510	.33714	.11274	4.1255

#1	.06333	-.0005	.20007	5478.6	-159.87
#2	.06180	-.0005	.19912	5487.3	-169.47

Sample Name: S1 Acquired: 12/17/2018 11:22:06 Type: Cal
Method: P4-ICP2(v2660) 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	3496.4	48599.	4479.7	105.07	3953.3
Stddev	21.9	152.	4.2	.41	24.4
%RSD	.62697	.31176	.09485	.38696	.61644
#1	3480.9	48492.	4476.7	104.78	3936.1
#2	3511.9	48706.	4482.7	105.36	3970.5

Sample Name: S2 Acquired: 12/17/2018 11:26:40 Type: Cal
Method: P4-ICP2(v2660) 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	.04964	.00900	.37211	.06796
Stddev	.00041	.00030	.00140	.00438
%RSD	.81998	3.2887	.37611	6.4477

#1	.04993	.00879	.37112	.06486
#2	.04935	.00921	.37310	.07106

Int. Std.	Y_3710
Units	Cts/S
Avg	4421.1
Stddev	18.4
%RSD	.41572

#1	4408.1
#2	4434.1

Sample Name: S3 Acquired: 12/17/2018 11:30:40 Type: Cal
Method: P4-ICP2(v2660) 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	.14240	.37788	.63687	.17007	.35875	.03557	23.107	.12031
Stddev	.00052	.00017	.00126	.00052	.00096	.00024	.016	.00003
%RSD	.36770	.04394	.19774	.30657	.26819	.66216	.07105	.02399

#1	.14203	.37800	.63777	.17044	.35807	.03541	23.119	.12029
#2	.14277	.37777	.63598	.16971	.35943	.03574	23.096	.12033

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	3.6886	.49231	.09580	1.2888	.42546	3.1713	1.6331	.09528
Stddev	.0078	.00032	.00019	.0002	.00026	.0928	.0017	.00075
%RSD	.21055	.06559	.19888	.01211	.06083	2.9265	.10471	.78385

#1	3.6941	.49208	.09594	1.2890	.42527	3.1057	1.6319	.09581
#2	3.6832	.49253	.09567	1.2887	.42564	3.2369	1.6344	.09475

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	.74123	.11120	3.5646	.27033	98.937	1.0395	2.0534	.11020
Stddev	.00247	.00055	.0010	.00031	1.763	.0001	.0039	.00060
%RSD	.33311	.49203	.02748	.11370	1.7823	.00593	.18948	.54096

#1	.74298	.11081	3.5652	.27011	97.690	1.0394	2.0562	.10978
#2	.73948	.11158	3.5639	.27055	100.18	1.0395	2.0507	.11062

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	.11562	.95277	.51837	.69216	4.7870	.2271	25.006	4677.4
Stddev	.00053	.00336	.00141	.00342	.0176	.0007	.028	50.2
%RSD	.45590	.35257	.27260	.49389	.36752	.2881	.10997	1.0727

#1	.11599	.95514	.51937	.69458	4.7994	.2275	25.025	4642.0
#2	.11524	.95039	.51737	.68975	4.7745	.2266	24.986	4712.9

Sample Name: S3 Acquired: 12/17/2018 11:30:40 Type: Cal
 Method: P4-ICP2(v2660) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-189.75
Stddev	7.89
%RSD	4.1594

#1	-195.33
#2	-184.17

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3310.1	45947.	4358.7	102.42	3619.2
Stddev	8.8	153.	33.2	1.58	15.4
%RSD	.26482	.33288	.76203	1.5430	.42446

#1	3303.9	45839.	4335.2	103.53	3608.4
#2	3316.3	46055.	4382.2	101.30	3630.1

Sample Name: S4 Acquired: 12/17/2018 11:34:28 Type: Cal
Method: P4-ICP2(v2660) 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	.28631	.75248	1.2733	.34043	.71871	.07144	45.495	.23824
Stddev	.00054	.00078	.0010	.00073	.00170	.00056	.011	.00175
%RSD	.18893	.10334	.08108	.21352	.23590	.78702	.02490	.73437

#1	.28669	.75303	1.2740	.34094	.71991	.07104	45.503	.23948
#2	.28593	.75193	1.2725	.33991	.71751	.07184	45.487	.23701

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.4308	.97236	.18913	2.5912	.83533	6.3526	3.1985	.18666
Stddev	.0056	.00904	.00065	.0013	.00099	.0692	.0075	.00105
%RSD	.07489	.92995	.34185	.05156	.11834	1.0895	.23490	.56292

#1	7.4347	.96597	.18958	2.5903	.83603	6.3036	3.2038	.18592
#2	7.4269	.97876	.18867	2.5922	.83464	6.4015	3.1932	.18741

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	1.4822	.21902	6.9443	.53283	196.11	2.0835	4.1082	.22006
Stddev	.0031	.00118	.0077	.00074	.70	.0005	.0098	.00064
%RSD	.21019	.53783	.11046	.13883	.35598	.02562	.23761	.28916

#1	1.4844	.21819	6.9389	.53336	195.61	2.0839	4.1151	.21961
#2	1.4800	.21986	6.9497	.53231	196.60	2.0831	4.1013	.22051

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	.24132	1.7981	1.0552	1.3910	9.4148	.4783	50.217	4498.4
Stddev	.00002	.0003	.0013	.0046	.0124	.0005	.169	44.3
%RSD	.00833	.01447	.12052	.32746	.13162	.0987	.33729	.98403

#1	.24131	1.7983	1.0561	1.3877	9.4060	.4780	50.098	4467.1
#2	.24134	1.7980	1.0543	1.3942	9.4236	.4786	50.337	4529.7

Sample Name: S4 Acquired: 12/17/2018 11:34:28 Type: Cal
Method: P4-ICP2(v2660) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-199.39
Stddev	.50
%RSD	.24832

#1	-199.74
#2	-199.04

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3231.8	44976.	4337.5	100.23	3456.4
Stddev	8.8	124.	10.4	.32	3.8
%RSD	.27369	.27576	.24081	.32413	.10936

#1	3225.6	44888.	4330.1	100.46	3453.8
#2	3238.1	45064.	4344.8	100.00	3459.1

Sample Name: S5 Acquired: 12/17/2018 11:38:15 Type: Cal
Method: P4-ICP2(v2660) 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	.58471	1.5051	2.5988	.68635	1.4617	.14761	90.417	.48140
Stddev	.00044	.0048	.0072	.00023	.0002	.00042	.069	.00014
%RSD	.07535	.31778	.27715	.03330	.01085	.28431	.07664	.02894
#1	.58440	1.5085	2.6039	.68619	1.4616	.14731	90.466	.48150
#2	.58502	1.5018	2.5937	.68651	1.4618	.14790	90.368	.48130
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	15.187	1.9555	.38190	5.3154	1.6584	12.805	6.3640	.37300
Stddev	.037	.0069	.00132	.0097	.0003	.039	.0012	.00104
%RSD	.24391	.35115	.34626	.18302	.01953	.30829	.01850	.27799
#1	15.213	1.9506	.38283	5.3222	1.6582	12.833	6.3648	.37227
#2	15.161	1.9603	.38096	5.3085	1.6586	12.778	6.3632	.37374
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	3.0136	.43983	13.947	1.0648	392.00	4.2874	8.1954	.44485
Stddev	.0072	.00041	.009	.0012	2.51	.0061	.0077	.00170
%RSD	.23831	.09333	.06565	.11285	.63955	.14133	.09371	.38216
#1	3.0187	.44012	13.953	1.0657	393.78	4.2832	8.2008	.44365
#2	3.0086	.43954	13.940	1.0640	390.23	4.2917	8.1900	.44605
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	.50519	3.6509	2.1503	2.7689	19.033	1.002	100.55	4149.2
Stddev	.00148	.0004	.0064	.0042	.011	.003	.30	24.3
%RSD	.29234	.00957	.29611	.15292	.05536	.2949	.29438	.58581
#1	.50624	3.6507	2.1548	2.7719	19.025	1.004	100.76	4132.1
#2	.50415	3.6512	2.1458	2.7659	19.040	.9995	100.34	4166.4

Sample Name: S5 Acquired: 12/17/2018 11:38:15 Type: Cal
Method: P4-ICP2(v2660) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-232.48
Stddev	4.60
%RSD	1.9803

#1	-235.73
#2	-229.22

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3106.2	43295.	4260.4	97.008	3236.0
Stddev	2.6	104.	12.3	.703	10.4
%RSD	.08524	.23951	.28813	.72505	.32147

#1	3104.3	43221.	4251.7	96.510	3228.6
#2	3108.0	43368.	4269.1	97.505	3243.4

Sample Name: ICV01 Acquired: 12/17/2018 12:06:21 Type: Unk
Method: P4-ICP2(v2660) 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	1.0034	1.0156	.98377	.98568	.98766	2.5851	.51984
Stddev	.0037	.0045	.00092	.00136	.00193	.0033	.00088
%RSD	.36418	.44062	.09308	.13759	.19504	.12636	.16881

#1	1.0009	1.0125	.98442	.98664	.98902	2.5828	.52046
#2	1.0060	1.0188	.98313	.98472	.98630	2.5874	.51922

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48840	.47431	10.898	.51865	.49066	.51073	4.7966
Stddev	.00040	.00055	.062	.00080	.00084	.00028	.0286
%RSD	.08162	.11639	.56731	.15334	.17111	.05461	.59680

#1	.48812	.47470	10.942	.51809	.49007	.51053	4.8169
#2	.48868	.47392	10.854	.51922	.49125	.51093	4.7764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54172	6.1115	.48773	.50047	9.9878	.49515	1.0082
Stddev	.00011	.1264	.00105	.00112	.0358	.00210	.0049
%RSD	.01942	2.0687	.21561	.22362	.35823	.42335	.48864

#1	.54165	6.0221	.48699	.50126	9.9625	.49367	1.0116
#2	.54180	6.2009	.48848	.49968	10.013	.49664	1.0047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.156	2.5766	2.6242	F -.00735	2.5441	2.4361	2.5753
Stddev	.028	.0046	.0260	.00214	.0169	.0039	.0204
%RSD	.27511	.17836	.98916	29.185	.66439	.16152	.79249

#1	10.176	2.5798	2.6425	-.00583	2.5321	2.4333	2.5897
#2	10.137	2.5733	2.6058	-.00886	2.5560	2.4388	2.5608

Sample Name: ICV01 Acquired: 12/17/2018 12:06:21 Type: Unk
Method: P4-ICP2(v2660) 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 -.00173	F -.0002	F .00674	F 3.6006	F 1.9093
Stddev	.00089	.0002	.00000	.0293	.2686
%RSD	51.257	89.15	.05773	.81492	14.070

#1	-.00111	-.0001	.00674	3.6214	1.7194
#2	-.00236	-.0003	.00674	3.5799	2.0993

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3209.0	44597.	4209.0	102.25	3674.9
Stddev	11.9	99.	7.6	.51	8.9
%RSD	.37115	.22099	.18003	.50206	.24272

#1	3200.6	44528.	4203.7	101.89	3668.6
#2	3217.4	44667.	4214.4	102.61	3681.2

Sample Name: LLICV01 Acquired: 12/17/2018 12:14:13 Type: Unk
Method: P4-ICP2(v2660) 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	.02341	.04315	.01156	.01906	.05412	.11294	.11017	.00603
Stddev	.00002	.00190	.00028	.00175	.00074	.00995	.00107	.00028
%RSD	.07166	4.4096	2.3915	9.1976	1.3608	8.8060	.97359	4.7193
#1	.02340	.04181	.01176	.01782	.05360	.11997	.10941	.00624
#2	.02343	.04450	.01137	.02030	.05464	.10590	.11093	.00583
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00576	2.2481	.01064	.03233	.01918	.11843	.02174	2.2161
Stddev	.00018	.0189	.00013	.00012	.00037	.01029	.00105	.0241
%RSD	3.0914	.84115	1.2588	.36008	1.9495	8.6869	4.8163	1.0875
#1	.00564	2.2347	.01073	.03224	.01891	.11116	.02248	2.1991
#2	.00589	2.2614	.01055	.03241	.01944	.12571	.02100	2.2332
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04197	.01024	2.0637	.04163	.04571	2.0052	.20004	.08867
Stddev	.00049	.00037	.0118	.00171	.00104	.0029	.00290	.00340
%RSD	1.1740	3.6525	.57224	4.0970	2.2827	.14567	1.4508	3.8310
#1	.04162	.01050	2.0554	.04283	.04645	2.0073	.19799	.09108
#2	.04232	.00998	2.0721	.04042	.04497	2.0031	.20209	.08627
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00480	.40710	.04014	.04714	.01745	F .0151	.02142	F 3.1854
Stddev	.00361	.00185	.00109	.00014	.00024	.0001	.00013	.3841
%RSD	75.367	.45429	2.7084	.29543	1.3900	.6934	.62407	12.060
#1	.00735	.40840	.03937	.04724	.01728	.0152	.02132	3.4570
#2	.00224	.40579	.04091	.04704	.01762	.0150	.02151	2.9137

Sample Name: LLICV01 Acquired: 12/17/2018 12:14:13 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .51992
Stddev	.08452
%RSD	16.257

#1	.46015
#2	.57969

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3245.5	46650.	4227.5	102.36	3821.2
Stddev	24.9	1861.	2.8	2.16	41.5
%RSD	.76667	3.9887	.06554	2.1127	1.0853

#1	3263.1	45334.	4225.5	100.83	3850.5
#2	3227.9	47966.	4229.4	103.89	3791.9

Sample Name: ICB01 Acquired: 12/17/2018 12:18:35 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00125	-.00013	-.00136	.00013	-.00081	-.00059	.00211
Stddev	.00069	.00118	.00044	.00290	.00181	.00610	.00056
%RSD	55.027	877.83	32.079	2309.1	223.86	1041.4	26.612

#1	.00174	-.00097	-.00167	.00217	.00047	.00373	.00251
#2	.00077	.00070	-.00105	-.00192	-.00209	-.00490	.00171

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00008	-.01907	.00014	-.00008	-.00028	.01017
Stddev	.00001	.00004	.00794	.00004	.00005	.00074	.00188
%RSD	103.96	46.387	41.602	26.895	62.555	268.73	18.490

#1	.00000	.00005	-.02469	.00012	-.00012	.00025	.01150
#2	.00002	.00010	-.01346	.00017	-.00005	-.00080	.00884

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.03481	-.00024	.00019	-.01917	-.00019	-.00247
Stddev	.00000	.01688	.00024	.00025	.00583	.00013	.00006
%RSD	3.7699	48.478	101.11	132.11	30.383	68.533	2.5966

#1	-.00012	.02288	-.00007	.00037	-.02329	-.00010	-.00252
#2	-.00011	.04674	-.00041	.00001	-.01505	-.00029	-.00243

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02667	-.00033	-.00471	F -.01422	.00364	-.00023	.00465
Stddev	.00889	.00016	.00768	.00459	.00041	.00079	.00006
%RSD	33.328	47.190	163.21	32.267	11.148	344.88	1.3291

#1	-.02039	-.00045	-.01014	-.01746	.00336	-.00079	.00470
#2	-.03296	-.00022	.00072	-.01097	.00393	.00033	.00461

Sample Name: ICB01 Acquired: 12/17/2018 12:18:35 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00443	-0.0030	-0.00015	F 3.3209	F .50736
Stddev	.00042	.0005	.00003	.2047	.04820
%RSD	9.5620	16.94	20.868	6.1636	9.5003

#1	-0.00473	-0.0026	-0.00017	3.1762	.54144
#2	-0.00413	-0.0033	-0.00013	3.4656	.47327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3226.1	45824.	4234.5	103.29	3825.4
Stddev	12.7	822.	44.0	1.15	37.0
%RSD	.39367	1.7935	1.0389	1.1125	.96775

#1	3235.1	46405.	4265.6	104.10	3851.6
#2	3217.2	45243.	4203.4	102.48	3799.3

Sample Name: CRI01 Acquired: 12/17/2018 12:22:40 Type: Unk
Method: P4-ICP2(v2660) 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	.02365	.04652	.01213	.01949	.05970	.11964	.11986	.00709
Stddev	.00359	.00170	.00063	.00173	.00256	.00994	.00003	.00051
%RSD	15.183	3.6630	5.1582	8.8921	4.2875	8.3087	.02405	7.2562
#1	.02619	.04531	.01169	.02071	.06151	.12667	.11988	.00745
#2	.02111	.04772	.01257	.01826	.05789	.11261	.11984	.00672
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00629	2.4590	.01229	.03457	.02092	.11952	.02555	2.4140
Stddev	.00009	.0135	.00076	.00034	.00049	.01490	.00195	.0569
%RSD	1.3702	.54766	6.1908	.97018	2.3646	12.464	7.6241	2.3560
#1	.00623	2.4685	.01283	.03433	.02057	.10899	.02693	2.4542
#2	.00635	2.4495	.01175	.03481	.02127	.13005	.02418	2.3738
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04532	.01186	2.2432	.04851	.04812	2.2206	.21761	.10685
Stddev	.00009	.00085	.0029	.00312	.00006	.0049	.00068	.00087
%RSD	.18821	7.1827	.13100	6.4251	.13015	.21833	.31201	.81819
#1	.04539	.01247	2.2453	.05072	.04808	2.2172	.21713	.10623
#2	.04526	.01126	2.2411	.04631	.04817	2.2240	.21809	.10746
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00571	.44322	.04140	F .05207	.01915	.0187	.02337	F 4.2485
Stddev	.00063	.01528	.00035	.00211	.00066	.0005	.00004	.7336
%RSD	11.039	3.4473	.84044	4.0434	3.4534	2.457	.18003	17.267
#1	.00526	.45403	.04165	.05058	.01869	.0190	.02334	4.7672
#2	.00615	.43242	.04116	.05355	.01962	.0184	.02340	3.7297

Sample Name: CRI01 Acquired: 12/17/2018 12:22:40 Type: Unk
 Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .38813
Stddev	.39366
%RSD	101.43

#1	.10977
#2	.66649

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3242.9	43278.	4190.7	101.40	3820.5
Stddev	6.0	2830.	58.6	.12	7.8
%RSD	.18640	6.5388	1.3977	.12204	.20308

#1	3238.6	41277.	4149.3	101.48	3825.9
#2	3247.2	45279.	4232.2	101.31	3815.0

Sample Name: ICSA01 Acquired: 12/17/2018 12:31:36 Type: Unk
Method: P4-ICP2(v2660) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00329	-.00954	.00302	-.01119	.00627	298.18	.00715
Stddev	.00339	.00188	.00150	.00641	.00230	.00	.00013
%RSD	103.04	19.740	49.731	57.281	36.776	.00091	1.8830

#1	-.00089	-.01087	.00408	-.01572	.00464	298.18	.00725
#2	-.00569	-.00820	.00196	-.00666	.00790	298.18	.00706

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	-.00076	281.27	.06060	-.00097	-.00445	100.54
Stddev	.00008	.00093	.51	.00047	.00022	.00090	3.88
%RSD	21.680	122.62	.18270	.77284	22.396	20.197	3.8630

#1	.00044	-.00010	280.91	.06027	-.00112	-.00382	97.794
#2	.00032	-.00142	281.64	.06093	-.00082	-.00509	103.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01559	275.55	-.00725	-.00530	.02250	.00155	-.00199
Stddev	.00012	.66	.00035	.00030	.01069	.00000	.00010
%RSD	.78553	.23840	4.8105	5.6294	47.529	.23504	4.9192

#1	.01550	276.01	-.00750	-.00509	.01494	.00154	-.00193
#2	.01568	275.08	-.00700	-.00551	.03006	.00155	-.00206

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05452	-.00099	-.03771	-.01212	-.00159	.00333	.00121
Stddev	.00546	.00010	.00335	.00313	.00058	.00063	.00219
%RSD	10.013	10.266	8.8804	25.795	36.705	18.873	180.68

#1	-.05066	-.00092	-.04007	-.01433	-.00118	.00377	-.00034
#2	-.05838	-.00107	-.03534	-.00991	-.00200	.00288	.00275

Sample Name: ICSA01 Acquired: 12/17/2018 12:31:36 Type: Unk
 Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00126	-.0012	.00328	F 4.8879	F<.00000
Stddev	.00086	.0012	.00434	.0279	.20910
%RSD	67.912	94.63	132.22	.56987	12.059

#1	.00187	-.0021	.00634	4.8683	-1.5861
#2	.00066	-.0004	.00021	4.9076	-1.8818

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2862.1	39059.	3983.2	91.717	3036.8
Stddev	42.7	63.	9.0	3.375	39.4
%RSD	1.4907	.16121	.22567	3.6792	1.2976

#1	2831.9	39015.	3976.8	94.103	3008.9
#2	2892.3	39104.	3989.5	89.331	3064.7

Sample Name: ICSAB01 Acquired: 12/17/2018 12:35:42 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10846	.09258	.05526	.04585	.65181	285.32	.53309
Stddev	.00234	.00184	.00169	.00051	.00690	1.88	.02367
%RSD	2.1575	1.9857	3.0517	1.1031	1.0581	.65809	4.4405

#1	.11012	.09388	.05646	.04620	.65669	283.99	.51635
#2	.10681	.09128	.05407	.04549	.64694	286.64	.54983

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56469	1.0132	259.64	.61504	.51064	.50154	93.748
Stddev	.00059	.0018	10.26	.00123	.00198	.00298	4.007
%RSD	.10517	.17549	3.9515	.19934	.38714	.59461	4.2740

#1	.56427	1.0145	252.39	.61418	.51203	.50365	90.915
#2	.56511	1.0119	266.90	.61591	.50924	.49943	96.581

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55662	254.66	.99465	.21364	.02413	.52317	1.0316
Stddev	.00109	10.28	.00463	.00105	.00232	.00017	.0394
%RSD	.19523	4.0368	.46551	.49017	9.6140	.03189	3.8151

#1	.55585	247.39	.99792	.21290	.02577	.52329	1.0037
#2	.55739	261.93	.99137	.21438	.02249	.52305	1.0594

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04005	F 1.1252	F 1.0761	-.00915	F 1.0434	F 1.1155	F 1.0837
Stddev	.06265	.0032	.0707	.00477	.0381	.0021	.0590
%RSD	156.44	.28655	6.5693	52.086	3.6546	.18770	5.4488

#1	.00425	1.1275	1.0261	-.01253	1.0164	1.1140	1.0420
#2	-.08435	1.1229	1.1261	-.00578	1.0703	1.1169	1.1255

Sample Name: ICSAB01 Acquired: 12/17/2018 12:35:42 Type: Unk
 Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00021	F .0012	F .00244	F 5.0822	F<.00000
Stddev	.00078	.0020	.00080	.0165	.68969
%RSD	366.96	172.5	32.777	.32535	188.08

#1	.00076	.0026	.00187	5.0705	.12098
#2	-.00034	-.0003	.00300	5.0939	-.85439

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2851.5	39080.	4132.4	94.242	3029.7
Stddev	22.1	35.	146.9	3.324	17.4
%RSD	.77344	.08954	3.5552	3.5273	.57554

#1	2835.9	39055.	4236.3	96.593	3017.4
#2	2867.1	39104.	4028.5	91.892	3042.0

Sample Name: CCV01 Acquired: 12/17/2018 12:39:40 Type: Unk
Method: P4-ICP2(v2660) 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	5.2032	5.0190	5.0697	5.0788	5.1844	10.628	10.366	.25876
Stddev	.0264	.0058	.0072	.0132	.0071	.009	.048	.00087
%RSD	.50714	.11505	.14226	.26018	.13684	.08099	.46342	.33664
#1	5.2219	5.0231	5.0646	5.0881	5.1894	10.622	10.332	.25937
#2	5.1845	5.0149	5.0748	5.0694	5.1794	10.635	10.400	.25814
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4876	27.239	1.0833	2.4969	1.2943	4.9419	2.6140	25.623
Stddev	.0002	.027	.0029	.0029	.0033	.0712	.0019	.136
%RSD	.00858	.09822	.26379	.11511	.25768	1.4409	.07417	.53108
#1	2.4878	27.220	1.0812	2.4949	1.2967	4.8915	2.6153	25.527
#2	2.4875	27.258	1.0853	2.4989	1.2920	4.9922	2.6126	25.720
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4695	1.2449	25.037	2.5070	2.5836	25.992	5.1069	5.2056
Stddev	.0006	.0071	.166	.0016	.0103	.135	.0091	.0076
%RSD	.02342	.57285	.66408	.06307	.39878	.51878	.17771	.14517
#1	2.4699	1.2499	24.919	2.5081	2.5763	25.897	5.1133	5.2110
#2	2.4691	1.2398	25.154	2.5059	2.5909	26.087	5.1005	5.2003
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8399	5.2316	4.9653	5.0873	5.1818	5.024	F 5.5340	4.7917
Stddev	.0049	.0377	.0011	.0076	.0307	.001	.0277	.0822
%RSD	.10045	.72000	.02178	.14971	.59267	.0100	.50110	1.7155
#1	4.8434	5.2050	4.9645	5.0820	5.1601	5.024	5.5143	4.7335
#2	4.8365	5.2582	4.9660	5.0927	5.2036	5.025	5.5536	4.8498

Sample Name: CCV01 Acquired: 12/17/2018 12:39:40 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9993
Stddev .0409
%RSD 1.3628

#1 2.9704
#2 3.0282

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3060.8	42054.	4073.7	95.959	3367.3
Stddev	3.4	69.	3.8	.465	1.2
%RSD	.11215	.16311	.09421	.48434	.03421

#1	3058.3	42005.	4071.0	96.288	3368.1
#2	3063.2	42102.	4076.4	95.630	3366.5

Sample Name: LLCCV01 Acquired: 12/17/2018 12:47:32 Type: Unk
Method: P4-ICP2(v2660) 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	.01787	.04117	.01089	.01854	.05136	.10782	.10330	.00585
Stddev	.00088	.00101	.00021	.00316	.00063	.00405	.00021	.00001
%RSD	4.9109	2.4532	1.8944	17.060	1.2180	3.7547	.20145	.21083

#1	.01849	.04188	.01074	.02078	.05180	.10496	.10344	.00586
#2	.01725	.04046	.01104	.01631	.05091	.11069	.10315	.00584

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00532	2.0625	.01017	.02986	.01996	.10594	.02128	1.9802
Stddev	.00002	.0271	.00035	.00007	.00039	.00616	.00012	.0541
%RSD	.32798	1.3132	3.4577	.21840	1.9386	5.8160	.57299	2.7310

#1	.00531	2.0817	.01042	.02981	.02023	.11030	.02136	1.9419
#2	.00534	2.0434	.00992	.02990	.01969	.10159	.02119	2.0184

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03910	.00964	1.9258	.04000	.04176	1.8868	.18658	.09207
Stddev	.00005	.00069	.0071	.00054	.00015	.0211	.00064	.00141
%RSD	.11700	7.1542	.37012	1.3509	.36493	1.1207	.34177	1.5324

#1	.03913	.01013	1.9308	.04038	.04186	1.9018	.18704	.09107
#2	.03906	.00916	1.9208	.03962	.04165	1.8719	.18613	.09306

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00347	.38767	.03614	.04350	F .01578	F .0148	.02023	F 3.9682
Stddev	.00277	.00302	.00061	.00072	.00097	.0006	.00012	.0219
%RSD	79.794	.77864	1.7000	1.6511	6.1546	4.392	.60141	.55258

#1	.00543	.38553	.03657	.04299	.01647	.0143	.02031	3.9837
#2	.00151	.38980	.03570	.04401	.01509	.0152	.02014	3.9527

Sample Name: LLCCV01 Acquired: 12/17/2018 12:47:32 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .73325
Stddev .11723
%RSD 15.988

#1 .81614
#2 .65036

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3223.0	44494.	4161.6	101.15	3825.0
Stddev	5.0	156.	9.1	.44	4.7
%RSD	.15621	.34972	.21857	.43690	.12409

#1	3219.5	44384.	4155.1	100.84	3821.7
#2	3226.6	44604.	4168.0	101.47	3828.4

Sample Name: CCB01 Acquired: 12/17/2018 12:51:38 Type: Unk
 Method: P4-ICP2(v2660) 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	.00165	-.00086	-.00257	.00038	-.00031	-.00314	.00097
Stddev	.00145	.00060	.00046	.00159	.00153	.00063	.00043
%RSD	87.965	69.971	17.775	420.78	492.39	20.132	44.079
#1	.00062	-.00128	-.00289	.00151	-.00139	-.00269	.00067
#2	.00268	-.00043	-.00225	-.00075	.00077	-.00359	.00127
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00002	-.01241	-.00026	.00004	-.00092	.00698
Stddev	.00004	.00003	.00973	.00023	.00003	.00040	.00647
%RSD	79.198	161.53	78.397	89.575	74.731	43.371	92.713
#1	.00009	-.00004	-.01929	-.00010	.00002	-.00064	.01155
#2	.00002	.00000	-.00553	-.00043	.00006	-.00121	.00240
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00351	.00017	.00031	-.03030	-.00032	-.00250
Stddev	.00008	.05591	.00040	.00019	.00149	.00010	.00003
%RSD	74.359	1595.0	235.56	62.673	4.9273	30.822	1.0874
#1	-.00016	.04304	-.00011	.00017	-.03135	-.00039	-.00248
#2	-.00005	-.03603	.00046	.00044	-.02924	-.00025	-.00252
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02895	-.00036	-.00238	F -.01429	.00270	-.00033	.00729
Stddev	.02639	.00013	.00620	.00185	.00264	.00044	.00063
%RSD	91.157	36.391	260.99	12.957	97.779	133.28	8.5961
#1	-.04761	-.00027	-.00676	-.01298	.00456	-.00002	.00774
#2	-.01029	-.00045	.00201	-.01560	.00083	-.00064	.00685

Sample Name: CCB01 Acquired: 12/17/2018 12:51:38 Type: Unk
 Method: P4-ICP2(v2660) 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	-.00244	-.0037	-.00012	F 4.0365	F .14808
Stddev	.00113	.0007	.00002	.0229	.22918
%RSD	46.498	18.09	19.231	.56826	154.77

#1	-.00324	-.0032	-.00014	4.0527	.31013
#2	-.00164	-.0042	-.00011	4.0203	-.01397

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3194.6	44348.	4103.8	100.83	3827.2
Stddev	5.3	5.	25.9	.00	1.6
%RSD	.16718	.01148	.62993	.00000	.04282

#1	3198.3	44344.	4122.1	100.83	3826.1
#2	3190.8	44352.	4085.5	100.83	3828.4

Sample Name: LR CHECK1 Acquired: 12/17/2018 12:55:48 Type: Unk
Method: P4-ICP2(v2660) 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	-.04671	-.08944	-.02145	-.18904	.05609	F 2008.8	.00552	.00386
Stddev	.00568	.00743	.00342	.00364	.00898	3.6	.00078	.00016
%RSD	12.155	8.3125	15.939	1.9233	16.002	.18054	14.102	4.1354

#1	-.05072	-.09470	-.01903	-.19161	.06244	2006.3	.00607	.00397
#2	-.04269	-.08418	-.02387	-.18647	.04975	2011.4	.00497	.00375

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02327	F 1934.5	.11231	.04241	-.23274	F 909.21	.03137	F 1905.7
Stddev	.00115	6.7	.00029	.00025	.00284	6.60	.00001	2.6
%RSD	4.9607	.34597	.25714	.59593	1.2200	.72620	.01999	.13569

#1	.02409	1939.2	.11211	.04223	-.23073	904.54	.03138	1907.5
#2	.02245	1929.7	.11252	.04259	-.23475	913.87	.03137	1903.8

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10737	-.06130	1731.4	.00400	.11764	F 1091.7	.01103	-.32644
Stddev	.00115	.00085	46.9	.00026	.00098	8.7	.00003	.04987
%RSD	1.0751	1.3848	2.7108	6.6094	.83413	.79562	.24112	15.276

#1	.10818	-.06190	1764.6	.00381	.11695	1097.8	.01105	-.36170
#2	.10655	-.06070	1698.2	.00419	.11834	1085.5	.01101	-.29118

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42917	.00068	.03791	-.04613	.05071	.0490	-.98215	5.1166
Stddev	.00387	.00314	.00110	.00044	.00291	.0020	.00705	.0049
%RSD	.90176	461.88	2.8959	.95597	5.7408	4.039	.71774	.09495

#1	.42644	-.00154	.03869	-.04644	.04865	.0504	-.97717	5.1201
#2	.43191	.00290	.03714	-.04582	.05277	.0476	-.98714	5.1132

Sample Name: LR CHECK1 Acquired: 12/17/2018 12:55:48 Type: Unk
 Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2137.2	30026.	3524.6	71.880	1932.1
Stddev	12.6	59.	2.3	.558	8.0
%RSD	.58885	.19801	.06564	.77646	.41509
#1	2128.3	29984.	3523.0	72.275	1926.4
#2	2146.1	30068.	3526.2	71.486	1937.8

Sample Name: LR CHECK2 Acquired: 12/17/2018 13:00:13 Type: Unk
Method: P4-ICP2(v2660) 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	-.01938	F 255.10	.01920	-.03699	-.31583	F 101.27	-.00091
Stddev	.00104	.00291	.59	.00279	.00346	.00275	.50	.00004
%RSD	60.943	14.989	.23078	14.527	9.3434	.87118	.48957	4.6709
#1	-.00097	-.01733	255.52	.01723	-.03454	-.31389	101.62	-.00088
#2	-.00245	-.02144	254.69	.02117	-.03943	-.31778	100.92	-.00094
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00756	.19773	-.13803	-.00656	F 267.02	-.88277	44.691	-.17306
Stddev	.00004	.01520	.00067	.00004	1.94	.00496	.021	.00801
%RSD	.49420	7.6858	.48485	.64765	.72712	.56210	.04615	4.6277
#1	-.00759	.20848	-.13851	-.00659	265.65	-.88628	44.706	-.17872
#2	-.00753	.18699	-.13756	-.00653	268.39	-.87927	44.677	-.16740
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.363	.00923	.86620	-.00336	F 37.369	.73978	-.00258	-.01103
Stddev	.132	.00067	.02405	.00044	.244	.06883	.00013	.00099
%RSD	.26662	7.2983	2.7764	13.200	.65360	9.3043	5.1951	8.9899
#1	49.456	.00970	.88320	-.00304	37.196	.78845	-.00268	-.01173
#2	49.270	.00875	.84919	-.00367	37.542	.69111	-.00249	-.01033
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04259	-.00098	.00063	.02762	.00216	-.0076	.00327	4.6982
Stddev	.00150	.00111	.00001	.00042	.00040	.0046	.00004	.1171
%RSD	3.5137	113.19	1.7418	1.5251	18.591	60.57	1.2826	2.4927
#1	.04364	-.00177	.00062	.02791	.00188	-.0108	.00324	4.7810
#2	.04153	-.00020	.00064	.02732	.00244	-.0043	.00330	4.6154

Sample Name: LR CHECK2 Acquired: 12/17/2018 13:00:13 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1798
Stddev .3766
%RSD 31.918

#1 .91353
#2 1.4461

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2924.1	42828.	4103.1	95.996	3424.8
Stddev	.9	113.	15.5	.642	3.3
%RSD	.03064	.26390	.37804	.66908	.09696

#1	2924.7	42748.	4092.2	96.450	3422.4
#2	2923.5	42908.	4114.1	95.542	3427.1

Sample Name: J6353-05DLX10 Acquired: 12/17/2018 13:04:33 Type: Unk
Method: P4-ICP2(v2660) 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	-.00195	-.00444	.17084	-.00071	.00464	25.509	.34823	.00039
Stddev	.00060	.00229	.00363	.00077	.00216	.185	.01388	.00008
%RSD	30.883	51.490	2.1249	109.02	46.678	.72407	3.9860	20.391

#1	-.00152	-.00282	.17341	-.00126	.00617	25.378	.33841	.00033
#2	-.00237	-.00606	.16827	-.00016	.00311	25.639	.35804	.00045

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	61.653	.03938	.12925	.37604	68.297	.94153	12.785
Stddev	.00042	2.361	.00026	.00008	.00290	3.563	.00257	.402
%RSD	27.859	3.8289	.64937	.06200	.77169	5.2164	.27323	3.1466

#1	.00180	59.983	.03956	.12919	.37809	65.778	.93971	12.501
#2	.00121	63.322	.03920	.12930	.37399	70.817	.94335	13.070

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04056	-.00133	1.6570	.09150	19.887	1.5281	.01028	-.00883
Stddev	.00069	.00128	.0720	.00009	.874	.1029	.00006	.00165
%RSD	1.7100	96.551	4.3458	.09674	4.3937	6.7312	.61304	18.714

#1	.04105	-.00223	1.6061	.09156	19.269	1.4554	.01024	-.00999
#2	.04007	-.00042	1.7079	.09144	20.504	1.6009	.01033	-.00766

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3485	.49155	.00876	.95824	.01240	.7625	.06421	4.3962
Stddev	.0064	.01213	.00089	.03671	.00086	.0018	.00015	.0494
%RSD	.10052	2.4687	10.114	3.8308	6.9643	.2419	.23387	1.1233

#1	6.3530	.48297	.00814	.93228	.01179	.7612	.06410	4.4312
#2	6.3440	.50013	.00939	.98419	.01301	.7638	.06431	4.3613

Sample Name: J6353-05DLX10 Acquired: 12/17/2018 13:04:33 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.12256
Stddev	.58050
%RSD	473.66

#1	-.28792
#2	.53303

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3117.3	43210.	4127.2	96.447	3518.0
Stddev	4.5	35.	130.6	4.147	1.3
%RSD	.14353	.08193	3.1637	4.2997	.03751

#1	3114.2	43185.	4219.6	99.379	3517.0
#2	3120.5	43235.	4034.9	93.515	3518.9

Sample Name: J6353-06DLX10 Acquired: 12/17/2018 13:08:31 Type: Unk
Method: P4-ICP2(v2660) 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	.00473	-.00555	.12834	-.00551	.00083	52.404	.22788
Stddev	.00013	.00126	.00155	.00315	.00105	.872	.00047
%RSD	2.8416	22.708	1.2040	57.244	126.87	1.6647	.20598

#1	.00483	-.00466	.12944	-.00328	.00157	51.787	.22755
#2	.00464	-.00644	.12725	-.00774	.00009	53.021	.22822

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	-.00038	87.959	.07146	.03746	.20206	102.83
Stddev	.00008	.00013	.086	.00078	.00020	.00028	.19
%RSD	10.704	35.578	.09756	1.0912	.52193	.13716	.18313

#1	.00071	-.00047	87.899	.07091	.03733	.20226	102.97
#2	.00083	-.00028	88.020	.07201	.03760	.20187	102.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7006	28.699	.07666	-.00235	2.4297	.19839	.93052
Stddev	.0025	.075	.00017	.00052	.0136	.00322	.00632
%RSD	.14647	.26017	.22479	22.348	.55859	1.6210	.67970

#1	1.6989	28.751	.07678	-.00272	2.4201	.19612	.93499
#2	1.7024	28.646	.07654	-.00197	2.4393	.20066	.92605

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97757	.00153	-.03426	.43684	.47332	.00856	2.1416
Stddev	.06185	.00014	.00698	.00425	.00506	.00049	.0029
%RSD	6.3272	9.0035	20.383	.97195	1.0700	5.6880	.13612

#1	.93384	.00163	-.02932	.43384	.47690	.00891	2.1437
#2	1.0213	.00143	-.03920	.43985	.46973	.00822	2.1395

Sample Name: J6353-06DLX10 Acquired: 12/17/2018 13:08:31 Type: Unk
Method: P4-ICP2(v2660) 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	.01462	.8418	.14903	4.2918	F<.00000
Stddev	.00050	.0041	.00108	.1578	.17821
%RSD	3.4212	.4875	.72366	3.6767	2.6660

#1	.01498	.8447	.14827	4.1802	-6.5586
#2	.01427	.8389	.14979	4.4034	-6.8106

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3169.1	43322.	4231.0	99.820	3472.2
Stddev	.3	248.	41.3	.862	7.8
%RSD	.00990	.57215	.97495	.86364	.22580

#1	3168.8	43498.	4201.8	99.210	3466.6
#2	3169.3	43147.	4260.2	100.43	3477.7

Sample Name: J6353-07DLX10 Acquired: 12/17/2018 13:12:27 Type: Unk
Method: P4-ICP2(v2660) 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	.01172	-.00334	.06012	-.00554	-.00098	34.722	.12371	.00058
Stddev	.00038	.00060	.00113	.00058	.00106	.903	.00088	.00009
%RSD	3.2027	17.996	1.8719	10.498	107.99	2.6018	.70755	16.201

#1	.01145	-.00292	.06092	-.00595	-.00173	34.083	.12309	.00052
#2	.01198	-.00377	.05933	-.00513	-.00023	35.361	.12433	.00065

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	416.77	.04578	.02228	.13692	51.748	.98954	16.661
Stddev	.00006	3.45	.00080	.00013	.00022	.285	.03116	.312
%RSD	13.154	.82793	1.7435	.60257	.15933	.55066	3.1492	1.8706

#1	-.00041	414.33	.04522	.02218	.13707	51.949	.96751	16.441
#2	-.00050	419.21	.04635	.02237	.13676	51.546	1.0116	16.881

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03227	-.00271	1.4621	.16346	.53126	.81021	.00149	-.01058
Stddev	.00047	.00075	.0245	.00435	.00234	.02518	.00029	.00127
%RSD	1.4486	27.868	1.6777	2.6624	.43983	3.1074	19.586	11.997

#1	.03194	-.00217	1.4447	.16038	.53291	.79241	.00169	-.00968
#2	.03261	-.00324	1.4794	.16654	.52960	.82801	.00128	-.01148

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54406	.78615	.00357	1.1860	.01897	.6580	.21298	4.9943
Stddev	.00119	.01278	.00002	.0117	.00061	.0013	.00165	.3318
%RSD	.21924	1.6259	.53934	.98918	3.1898	.2045	.77604	6.6434

#1	.54322	.77711	.00356	1.1777	.01940	.6590	.21181	4.7597
#2	.54491	.79519	.00359	1.1943	.01854	.6570	.21414	5.2289

Sample Name: J6353-07DLX10 Acquired: 12/17/2018 13:12:27 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.5090
Stddev .0692
%RSD .92183

#1 7.5579
#2 7.4600

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3027.9	40764.	4101.7	97.397	3262.2
Stddev	4.9	1124.	23.1	.376	7.2
%RSD	.16169	2.7567	.56246	.38651	.22058

#1	3024.5	41558.	4118.0	97.131	3257.1
#2	3031.4	39969.	4085.4	97.663	3267.3

Sample Name: J6353-08DLX10 Acquired: 12/17/2018 13:16:24 Type: Unk
Method: P4-ICP2(v2660) 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	.00474	-.00624	.13885	-.00019	.00660	47.511	.76838	.00068
Stddev	.00084	.00081	.00186	.00433	.00052	.043	.00305	.00005
%RSD	17.727	12.982	1.3422	2268.2	7.9453	.09113	.39740	7.0482

#1	.00533	-.00682	.14017	.00287	.00623	47.481	.76622	.00065
#2	.00414	-.00567	.13753	-.00325	.00697	47.542	.77054	.00072

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	195.52	.06173	.03825	.44898	83.231	1.4128	32.380
Stddev	.00001	1.83	.00027	.00039	.00228	1.425	.0007	.401
%RSD	6.2729	.93567	.43347	1.0169	.50859	1.7126	.04890	1.2369

#1	-.00014	194.23	.06191	.03852	.45060	84.239	1.4123	32.097
#2	-.00016	196.82	.06154	.03797	.44737	82.223	1.4133	32.663

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06835	-.00279	3.5739	.20035	16.412	1.3473	.01101	.00237
Stddev	.00122	.00008	.0028	.00131	.369	.0440	.00048	.00832
%RSD	1.7850	2.8480	.07816	.65489	2.2513	3.2665	4.3731	351.35

#1	.06921	-.00285	3.5759	.20128	16.673	1.3162	.01135	.00825
#2	.06749	-.00274	3.5719	.19942	16.150	1.3784	.01067	-.00352

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72254	.62877	.01329	1.8089	.01817	1.128	.15690	4.5117
Stddev	.00119	.00889	.00047	.0008	.00029	.012	.00256	.0475
%RSD	.16535	1.4133	3.5200	.04147	1.5809	1.080	1.6309	1.0521

#1	.72338	.63505	.01362	1.8095	.01796	1.136	.15509	4.5453
#2	.72169	.62248	.01295	1.8084	.01837	1.119	.15871	4.4782

Sample Name: J6353-08DLX10 Acquired: 12/17/2018 13:16:24 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .06250
%RSD 84.472

#1 -.11819
#2 -.02980

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.4	42397.	4150.8	95.658	3319.4
Stddev	25.6	149.	8.9	2.130	30.2
%RSD	.83419	.35073	.21393	2.2266	.90970

#1	3055.2	42292.	4157.1	94.152	3298.1
#2	3091.5	42502.	4144.5	97.164	3340.8

Sample Name: J6353-09DLX10 Acquired: 12/17/2018 13:20:21 Type: Unk
Method: P4-ICP2(v2660) 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	.01103	-.00557	.62115	-.00705	.00151	42.451	.26654	.00067
Stddev	.00411	.00129	.00463	.00383	.00047	.080	.00209	.00007
%RSD	37.237	23.112	.74542	54.282	30.821	.18916	.78411	9.7008

#1	.00813	-.00466	.61788	-.00976	.00184	42.395	.26802	.00072
#2	.01393	-.00648	.62443	-.00435	.00118	42.508	.26506	.00063

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	293.95	.47089	.03298	.23847	74.270	1.2458	25.521
Stddev	.00011	.80	.00064	.00040	.00076	.987	.0021	.002
%RSD	28.312	.27188	.13675	1.2017	.31763	1.3296	.16858	.00865

#1	-.00045	294.52	.47135	.03270	.23793	74.969	1.2473	25.519
#2	-.00030	293.39	.47044	.03326	.23900	73.572	1.2443	25.522

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07498	-.00308	2.0382	.18209	.99392	.89417	.00852	-.01162
Stddev	.00064	.00023	.0070	.00020	.00987	.00416	.00019	.00455
%RSD	.85073	7.5067	.34510	.11016	.99277	.46492	2.2196	39.106

#1	.07453	-.00291	2.0332	.18195	1.0009	.89123	.00865	-.00841
#2	.07544	-.00324	2.0431	.18223	.98694	.89711	.00838	-.01484

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9231	.72167	.00917	1.5343	.01755	.7198	.20404	4.5940
Stddev	.0148	.00367	.00099	.0049	.00172	.0018	.00010	.0437
%RSD	.37773	.50828	10.823	.31706	9.8165	.2464	.05131	.95211

#1	3.9126	.72426	.00847	1.5309	.01633	.7185	.20397	4.6250
#2	3.9336	.71907	.00987	1.5378	.01877	.7210	.20412	4.5631

Sample Name: J6353-09DLX10 Acquired: 12/17/2018 13:20:21 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.0751
Stddev .2884
%RSD 13.898

#1 1.8711
#2 2.2790

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3058.8	42138.	4168.2	97.330	3294.3
Stddev	17.2	69.	23.2	1.355	13.1
%RSD	.56377	.16257	.55592	1.3926	.39761

#1	3046.6	42089.	4151.8	96.372	3285.1
#2	3071.0	42186.	4184.6	98.289	3303.6

Sample Name: J6305-04DLX10 Acquired: 12/17/2018 13:24:15 Type: Unk
Method: P4-ICP2(v2660) 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	.00836	-.00260	.00838	-.00294	.00234	.60998	.05367	.00007
Stddev	.00399	.00040	.00030	.00069	.00221	.01618	.00082	.00004
%RSD	47.699	15.251	3.6405	23.651	94.217	2.6533	1.5344	61.523
#1	.01118	-.00232	.00859	-.00245	.00390	.59853	.05309	.00004
#2	.00554	-.00289	.00816	-.00343	.00078	.62142	.05426	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	208.25	.00308	.00042	.00291	1.4397	.46463	13.487
Stddev	.00012	.45	.00047	.00001	.00019	.0200	.00014	.059
%RSD	25574.	.21500	15.102	2.7220	6.6194	1.3913	.03093	.43378
#1	-.00009	207.93	.00275	.00042	.00304	1.4255	.46473	13.446
#2	.00009	208.57	.00341	.00043	.00277	1.4538	.46453	13.528
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00188	.00014	38.453	.00656	.03464	5.6868	.00983	1.0069
Stddev	.00016	.00042	.249	.00040	.00009	.0797	.00026	.0269
%RSD	8.4230	304.68	.64819	6.0272	.25893	1.4007	2.6554	2.6746
#1	.00177	.00044	38.629	.00684	.03457	5.7431	.00965	.98782
#2	.00199	-.00016	38.277	.00628	.03470	5.6305	.01002	1.0259
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 93.321	4.8863	-.03538	.01777	.00457	.0858	.74256	4.7138
Stddev	.336	.0401	.00044	.00147	.00234	.0006	.00014	.0679
%RSD	.35993	.81987	1.2500	8.2648	51.262	.7086	.01857	1.4407
#1	93.084	4.9147	-.03506	.01881	.00291	.0854	.74266	4.6658
#2	93.559	4.8580	-.03569	.01673	.00622	.0862	.74246	4.7618

Sample Name: J6305-04DLX10 Acquired: 12/17/2018 13:24:15 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2372
Stddev .0590
%RSD 2.6369

#1 2.1954
#2 2.2789

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3036.6	42109.	4111.9	98.175	3380.0
Stddev	5.2	21.	15.5	.438	9.2
%RSD	.17212	.04930	.37649	.44608	.27161

#1	3032.9	42094.	4101.0	98.485	3373.5
#2	3040.3	42124.	4122.9	97.866	3386.5

Sample Name: J6305-04DUPDLX1 Acquired: 12/17/2018 13:28:16 Type: Unk
Method: P4-ICP2(v2660) 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	.00842	-.00115	.00584	.00181	-.00015	.58462	.05292	.00012
Stddev	.00202	.00025	.00031	.00202	.00098	.00475	.00030	.00002
%RSD	23.993	21.713	5.2407	111.29	675.71	.81175	.56007	20.157
#1	.00985	-.00132	.00606	.00039	.00055	.58126	.05313	.00010
#2	.00699	-.00097	.00562	.00324	-.00084	.58797	.05271	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	207.91	.00292	.00060	.00262	1.4191	.46720	13.475
Stddev	.00008	.34	.00003	.00012	.00077	.0155	.00089	.190
%RSD	3077.6	.16143	1.0714	20.792	29.242	1.0891	.19109	1.4098
#1	.00005	207.67	.00290	.00068	.00316	1.4081	.46783	13.341
#2	-.00006	208.15	.00294	.00051	.00208	1.4300	.46656	13.610
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00190	-.00026	38.420	.00618	.03396	5.7124	.00991	.98849
Stddev	.00009	.00027	.112	.00012	.00013	.0371	.00027	.00266
%RSD	4.6565	104.29	.29146	1.9107	.37629	.64918	2.7114	.26883
#1	.00197	-.00007	38.499	.00609	.03405	5.6862	.01010	.98661
#2	.00184	-.00045	38.341	.00626	.03387	5.7386	.00972	.99037
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 93.383	4.9009	-.03492	.01805	.00283	.0852	.74254	4.7992
Stddev	.121	.0089	.00025	.00163	.00165	.0001	.00200	.0505
%RSD	.12973	.18093	.72508	9.0188	58.361	.1718	.26930	1.0524
#1	93.297	4.8947	-.03474	.01920	.00166	.0851	.74113	4.8349
#2	93.469	4.9072	-.03510	.01690	.00400	.0854	.74396	4.7635

Sample Name: J6305-04DUPDLX1 Acquired: 12/17/2018 13:28:16 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5202
Stddev .4397
%RSD 17.449

#1 2.8311
#2 2.2092

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3028.5	41876.	4099.8	98.406	3375.5
Stddev	2.5	169.	6.2	.007	1.3
%RSD	.08366	.40343	.15150	.00661	.03770

#1	3026.7	41757.	4104.1	98.411	3374.6
#2	3030.3	41996.	4095.4	98.402	3376.4

Sample Name: J6305-04LDLX50 Acquired: 12/17/2018 13:32:17 Type: Unk
Method: P4-ICP2(v2660) 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	.00370	-.00187	.00379	.00231	-.00168	.14590	.01853	.00009
Stddev	.00201	.00028	.00014	.00360	.00027	.00412	.00014	.00010
%RSD	54.326	15.022	3.6865	155.71	16.185	2.8206	.75742	103.57
#1	.00228	-.00206	.00370	-.00023	-.00187	.14881	.01863	.00002
#2	.00512	-.00167	.00389	.00486	-.00149	.14299	.01843	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	48.332	-.00014	.00022	.00311	.33379	.12306	3.6273
Stddev	.00009	.038	.00005	.00003	.00030	.00376	.00014	.0514
%RSD	66.367	.07917	33.504	12.365	9.7142	1.1257	.11094	1.4183
#1	-.00007	48.305	-.00011	.00024	.00332	.33645	.12297	3.5910
#2	-.00021	48.359	-.00017	.00020	.00290	.33113	.12316	3.6637
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	.00041	19.451	.00149	.00935	1.4597	.00168	.20733
Stddev	.00016	.00007	.104	.00019	.00074	.0137	.00011	.01313
%RSD	50.692	18.099	.53675	12.611	7.9622	.94082	6.3163	6.3353
#1	-.00020	.00046	19.524	.00162	.00987	1.4694	.00160	.19804
#2	-.00043	.00036	19.377	.00135	.00882	1.4500	.00175	.21662
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.265	1.1947	-.00880	.00695	-.00188	.0387	.17339	4.5777
Stddev	.033	.0001	.00010	.00071	.00076	.0001	.00022	.0912
%RSD	.17023	.01096	1.1680	10.240	40.422	.2550	.12663	1.9919
#1	19.288	1.1948	-.00887	.00745	-.00134	.0388	.17323	4.6422
#2	19.242	1.1946	-.00873	.00644	-.00241	.0387	.17354	4.5132

Sample Name: J6305-04LDLX50 Acquired: 12/17/2018 13:32:17 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.6417
Stddev	.3486
%RSD	21.233

#1	1.8882
#2	1.3953

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3140.2	43020.	4110.0	100.37	3620.9
Stddev	8.1	158.	23.0	4.89	3.5
%RSD	.25793	.36818	.55945	4.8684	.09643

#1	3134.5	42908.	4093.8	96.915	3618.5
#2	3145.9	43132.	4126.3	103.83	3623.4

Sample Name: CCV02 Acquired: 12/17/2018 13:46:46 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8847	4.7109	4.7834	4.7608	4.8483	9.9382	9.7221	.24381
Stddev	.0053	.0060	.0175	.0066	.0065	.1042	.0596	.00009
%RSD	.10775	.12811	.36614	.13950	.13473	1.0480	.61319	.03513

#1	4.8810	4.7067	4.7710	4.7561	4.8437	9.8646	9.7643	.24375
#2	4.8884	4.7152	4.7958	4.7655	4.8529	10.012	9.6800	.24387

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3388	26.747	1.0262	2.3436	1.2127	4.5606	2.4703	24.201
Stddev	.0045	.076	.0046	.0039	.0011	.0919	.0004	.043
%RSD	.19151	.28282	.44918	.16648	.08990	2.0150	.01571	.17901

#1	2.3356	26.800	1.0230	2.3408	1.2120	4.4956	2.4700	24.231
#2	2.3420	26.693	1.0295	2.3463	1.2135	4.6256	2.4706	24.170

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3146	1.1636	23.375	2.3428	2.4233	24.213	4.7653	4.8899
Stddev	.0065	.0011	.116	.0007	.0212	.104	.0035	.0265
%RSD	.28181	.09238	.49580	.03066	.87667	.42835	.07415	.54117

#1	2.3100	1.1644	23.457	2.3423	2.4083	24.287	4.7628	4.9086
#2	2.3192	1.1628	23.293	2.3433	2.4383	24.140	4.7678	4.8712

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5325	4.9866	4.6560	4.7645	4.8274	4.729	5.2473	4.9051
Stddev	.0265	.0533	.0164	.0105	.0207	.002	.0272	.0892
%RSD	.58388	1.0693	.35340	.21954	.42869	.0347	.51825	1.8189

#1	4.5138	5.0243	4.6443	4.7719	4.8421	4.727	5.2665	4.8421
#2	4.5513	4.9489	4.6676	4.7571	4.8128	4.730	5.2281	4.9682

Sample Name: CCV02 Acquired: 12/17/2018 13:46:46 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8297
Stddev .5405
%RSD 19.101

#1 3.2119
#2 2.4475

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3104.2	42328.	4063.1	97.959	3421.9
Stddev	5.4	85.	40.9	.626	.7
%RSD	.17485	.19978	1.0070	.63941	.01987

#1	3100.3	42388.	4034.2	98.402	3421.4
#2	3108.0	42268.	4092.1	97.516	3422.4

Sample Name: CCB02 Acquired: 12/17/2018 13:50:31 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	-.00065	F .00304	-.00116	.00062	-.00233	.00374
Stddev	.00066	.00046	.00086	.00007	.00041	.01588	.00035
%RSD	83.645	71.410	28.327	6.2187	65.306	682.24	9.4099

#1	-.00126	-.00098	.00364	-.00111	.00034	.00890	.00399
#2	-.00032	-.00032	.00243	-.00121	.00091	-.01356	.00349

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00003	-.00772	-.00028	-.00012	-.00092	.01465
Stddev	.00005	.00002	.02108	.00022	.00000	.00005	.00633
%RSD	108.62	88.698	273.13	77.422	3.8418	4.9210	43.215

#1	.00008	.00004	-.02263	-.00013	-.00012	-.00095	.01912
#2	.00001	.00001	.00719	-.00044	-.00012	-.00089	.01017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00174	-.00003	.00037	.03050	.00005	-.00179
Stddev	.00008	.03226	.00004	.00000	.00368	.00015	.00003
%RSD	160.93	1854.8	128.59	.56135	12.059	300.71	1.6780

#1	-.00010	-.02107	-.00007	.00037	.02790	.00015	-.00177
#2	.00001	.02455	-.00000	.00037	.03311	-.00005	-.00181

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00519	.00011	-.00170	F -.01350	.00886	-.00015	.00669
Stddev	.00272	.00019	.00518	.00116	.00342	.00017	.00183
%RSD	52.289	174.32	304.81	8.6245	38.567	115.74	27.271

#1	-.00711	.00024	-.00536	-.01268	.01128	-.00027	.00798
#2	-.00327	-.00002	.00196	-.01432	.00645	-.00003	.00540

Sample Name: CCB02 Acquired: 12/17/2018 13:50:31 Type: Unk
 Method: P4-ICP2(v2660) 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	-.00028	-.0030	-.00010	F 4.2884	F .56158
Stddev	.00038	.0010	.00006	.0258	.46729
%RSD	135.54	33.45	57.862	.60168	83.211

#1	-.00055	-.0037	-.00006	4.3066	.89201
#2	-.00001	-.0023	-.00014	4.2701	.23115

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3243.3	44435.	4111.5	101.98	3867.2
Stddev	14.9	196.	5.6	3.76	24.6
%RSD	.45839	.44205	.13579	3.6866	.63649

#1	3232.8	44296.	4107.6	104.63	3849.8
#2	3253.8	44574.	4115.5	99.317	3884.6

Sample Name: J6305-05DLX10 Acquired: 12/17/2018 13:54:37 Type: Unk
Method: P4-ICP2(v2660) 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	.08377	.17011	.09183	.18251	.07418	2.1953	.07045	.01874
Stddev	.00046	.00302	.00135	.00179	.00138	.0050	.00073	.00012
%RSD	.55497	1.7760	1.4755	.97948	1.8616	.22944	1.0319	.64922
#1	.08344	.17225	.09087	.18125	.07320	2.1989	.06994	.01882
#2	.08410	.16797	.09278	.18377	.07515	2.1918	.07096	.01865
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01720	193.83	.04119	.01857	.03031	1.8569	.45328	12.725
Stddev	.00004	.93	.00096	.00013	.00069	.0391	.00006	.161
%RSD	.21892	.48044	2.3408	.70488	2.2846	2.1065	.01399	1.2681
#1	.01717	193.17	.04188	.01867	.03080	1.8846	.45324	12.611
#2	.01722	194.49	.04051	.01848	.02982	1.8293	.45333	12.839
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04458	.00658	35.611	.03439	.04934	6.2271	.04447	.96620
Stddev	.00025	.00004	.001	.00018	.00112	.0237	.00028	.00512
%RSD	.57133	.56527	.00283	.51891	2.2795	.38092	.63977	.52945
#1	.04440	.00661	35.612	.03426	.05013	6.2103	.04427	.96258
#2	.04476	.00656	35.611	.03451	.04854	6.2438	.04467	.96981
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 85.876	6.7878	.02632	.11284	.02303	.6088	.70671	5.0229
Stddev	.113	.0367	.00023	.00234	.00074	.0012	.00265	.0583
%RSD	.13210	.54027	.87958	2.0725	3.2257	.2039	.37510	1.1612
#1	85.796	6.7619	.02649	.11449	.02250	.6097	.70484	4.9816
#2	85.957	6.8137	.02616	.11118	.02355	.6080	.70859	5.0641

Sample Name: J6305-05DLX10 Acquired: 12/17/2018 13:54:37 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.4646
Stddev	.2921
%RSD	11.852

#1	2.6712
#2	2.2581

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3021.1	41558.	4064.3	97.547	3375.3
Stddev	5.2	114.	3.7	2.570	4.3
%RSD	.17284	.27468	.09224	2.6347	.12835

#1	3017.4	41477.	4066.9	95.729	3372.2
#2	3024.8	41638.	4061.6	99.364	3378.3

Sample Name: J6305-06DLX10 Acquired: 12/17/2018 13:58:39 Type: Unk
 Method: P4-ICP2(v2660) 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	.08232	.17402	.09081	.18254	.07405	2.1666	.07066	.01884
Stddev	.00047	.00259	.00009	.00106	.00075	.0045	.00021	.00008
%RSD	.56959	1.4907	.10102	.58129	1.0125	.20727	.29454	.44770
#1	.08198	.17219	.09074	.18179	.07458	2.1697	.07051	.01890
#2	.08265	.17586	.09087	.18329	.07352	2.1634	.07080	.01878
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01703	194.76	.04152	.01863	.03068	1.8666	.45181	12.849
Stddev	.00010	.14	.00004	.00003	.00024	.0022	.00060	.238
%RSD	.58905	.07063	.08551	.14358	.78194	.11801	.13279	1.8501
#1	.01696	194.85	.04150	.01861	.03051	1.8651	.45224	12.681
#2	.01710	194.66	.04155	.01865	.03085	1.8682	.45139	13.017
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04458	.00666	35.828	.03440	.05009	6.2523	.04369	.93640
Stddev	.00005	.00049	.076	.00074	.00085	.0310	.00039	.00546
%RSD	.10268	7.3575	.21155	2.1605	1.6982	.49580	.88468	.58263
#1	.04461	.00631	35.774	.03492	.04949	6.2304	.04342	.93254
#2	.04454	.00701	35.882	.03387	.05069	6.2742	.04396	.94025
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 85.626	6.6911	.02638	.10066	.02311	.6103	.71103	4.9996
Stddev	.020	.0767	.00059	.00330	.00076	.0018	.00075	.1303
%RSD	.02356	1.1468	2.2535	3.2774	3.2880	.2940	.10483	2.6054
#1	85.611	6.7453	.02596	.10300	.02365	.6090	.71155	5.0917
#2	85.640	6.6368	.02680	.09833	.02257	.6116	.71050	4.9075

Sample Name: J6305-06DLX10 Acquired: 12/17/2018 13:58:39 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.3604
Stddev	.2857
%RSD	12.103

#1	2.5625
#2	2.1584

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3023.8	41656.	4050.1	96.270	3376.0
Stddev	14.2	283.	16.2	.164	8.8
%RSD	.46939	.68017	.40051	.16993	.25936

#1	3013.8	41456.	4038.6	96.386	3369.8
#2	3033.9	41857.	4061.5	96.154	3382.2

Sample Name: J6305-04ADLX10 Acquired: 12/17/2018 14:02:41 Type: Unk
Method: P4-ICP2(v2660) 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	.08223	.17198	.09219	.18350	.07435	2.1437	.07031	.01865
Stddev	.00141	.00025	.00018	.00494	.00003	.0123	.00063	.00011
%RSD	1.7163	.14298	.19432	2.6921	.03697	.57255	.89006	.56464

#1	.08123	.17181	.09206	.18000	.07437	2.1351	.06987	.01858
#2	.08322	.17215	.09231	.18699	.07433	2.1524	.07076	.01872

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01700	194.51	.04131	.01839	.03112	1.8812	.45045	12.745
Stddev	.00002	.98	.00015	.00011	.00024	.0025	.00088	.045
%RSD	.12462	.50364	.36044	.62497	.77357	.13203	.19501	.35640

#1	.01698	193.82	.04142	.01830	.03095	1.8794	.44983	12.713
#2	.01701	195.20	.04121	.01847	.03129	1.8830	.45108	12.777

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04408	.00698	35.582	.03414	.04972	6.2309	.04408	.95061
Stddev	.00010	.00033	.035	.00058	.00011	.0043	.00008	.00187
%RSD	.22281	4.6609	.09952	1.7128	.21883	.06923	.17268	.19648

#1	.04401	.00675	35.557	.03373	.04979	6.2278	.04403	.95193
#2	.04415	.00721	35.607	.03456	.04964	6.2339	.04413	.94929

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 85.647	6.6756	.02669	.10362	.02228	.6091	.70847	5.0040
Stddev	.251	.0334	.00050	.00017	.00177	.0010	.00183	.0771
%RSD	.29361	.50037	1.8831	.16665	7.9441	.1711	.25764	1.5401

#1	85.469	6.6520	.02633	.10374	.02103	.6083	.70717	5.0585
#2	85.824	6.6992	.02704	.10349	.02354	.6098	.70976	4.9495

Sample Name: J6305-04ADLX10 Acquired: 12/17/2018 14:02:41 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3487
Stddev .6512
%RSD 27.725

#1 2.8091
#2 1.8882

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3021.9	41742.	4064.9	96.444	3378.3
Stddev	2.0	119.	5.7	.163	.5
%RSD	.06589	.28534	.14138	.16926	.01439

#1	3020.5	41658.	4060.8	96.329	3377.9
#2	3023.3	41826.	4068.9	96.560	3378.6

Sample Name: J6357-04DLX10 Acquired: 12/17/2018 14:06:43 Type: Unk
Method: P4-ICP2(v2660) 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	.09691	-.00335	.63152	.00918	.00001	15.276	.61549
Stddev	.00214	.00016	.00308	.00107	.00114	.019	.02357
%RSD	2.2088	4.8548	.48812	11.712	20749.	.12370	3.8300

#1	.09540	-.00323	.62934	.00994	-.00080	15.262	.63216
#2	.09842	-.00346	.63370	.00842	.00081	15.289	.59882

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	.00239	70.280	.53681	.03165	11.464	88.357
Stddev	.00000	.00049	2.245	.00263	.00005	.019	4.388
%RSD	.44324	20.714	3.1942	.48996	.16341	.16791	4.9666

#1	.00105	.00204	71.867	.53495	.03162	11.477	91.460
#2	.00104	.00274	68.693	.53867	.03169	11.450	85.254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7488	11.856	.06809	.01021	.64302	.12742	2.0868
Stddev	.0069	.416	.00006	.00052	.01421	.00049	.0959
%RSD	.18366	3.5090	.09517	5.0502	2.2106	.38643	4.5935

#1	3.7440	12.150	.06814	.01057	.65307	.12708	2.1545
#2	3.7537	11.562	.06805	.00985	.63297	.12777	2.0190

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1489	.00756	.02352	1.3718	1.1401	.02690	.62689
Stddev	.0070	.00000	.00611	.0042	.0334	.00058	.02310
%RSD	.60676	.05128	25.994	.30933	2.9305	2.1518	3.6842

#1	1.1440	.00756	.01919	1.3748	1.1637	.02731	.64322
#2	1.1538	.00756	.02784	1.3688	1.1165	.02650	.61056

Sample Name: J6357-04DLX10 Acquired: 12/17/2018 14:06:43 Type: Unk
Method: P4-ICP2(v2660) 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	.01805	.7653	.07157	4.5587	F<.00000
Stddev	.00019	.0020	.00102	.0107	.07124
%RSD	1.0587	.2655	1.4192	.23486	2.5316

#1	.01818	.7638	.07229	4.5662	-2.8643
#2	.01791	.7667	.07086	4.5511	-2.7636

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3139.7	42989.	4026.7	96.606	3539.5
Stddev	9.8	35.	130.2	4.497	5.6
%RSD	.31172	.08218	3.2327	4.6550	.15685

#1	3132.8	43014.	3934.7	93.426	3535.6
#2	3146.6	42964.	4118.8	99.786	3543.4

Sample Name: J6357-05DLX10 Acquired: 12/17/2018 14:10:41 Type: Unk
Method: P4-ICP2(v2660) 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	.32916	-.00848	1.6696	-.00483	-.01364	71.431	.81497
Stddev	.00039	.00096	.0065	.00121	.00112	.070	.00287
%RSD	.11982	11.361	.38713	25.097	8.2195	.09813	.35168

#1	.32944	-.00916	1.6650	-.00397	-.01285	71.381	.81699
#2	.32888	-.00780	1.6742	-.00568	-.01444	71.480	.81294

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00395	-.00073	411.34	F 4.1529	.12586	24.878	152.88
Stddev	.00015	.00037	2.56	.0028	.00029	.072	1.94
%RSD	3.7927	51.004	.62139	.06651	.22661	.28998	1.2720

#1	.00384	-.00047	409.54	4.1509	.12606	24.827	151.51
#2	.00406	-.00099	413.15	4.1548	.12565	24.929	154.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87232	45.592	.21521	-.00172	4.9327	.39907	3.3514
Stddev	.00093	.263	.00080	.00055	.0060	.00050	.0273
%RSD	.10631	.57695	.37187	31.778	.12230	.12552	.81559

#1	.87166	45.778	.21464	-.00210	4.9284	.39871	3.3321
#2	.87298	45.406	.21578	-.00133	4.9369	.39942	3.3708

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.572	.02176	.02523	1.0209	.84106	.20765	1.9410
Stddev	.015	.00043	.00538	.0017	.00481	.00030	.0029
%RSD	.14196	1.9537	21.330	.16609	.57215	.14667	.14899

#1	10.583	.02145	.02904	1.0221	.83765	.20787	1.9390
#2	10.562	.02206	.02143	1.0197	.84446	.20744	1.9431

Sample Name: J6357-05DLX10 Acquired: 12/17/2018 14:10:41 Type: Unk
Method: P4-ICP2(v2660) 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	.09993	3.213	.51254	4.7111	F<.00000
Stddev	.00063	.001	.00002	.0163	.04912
%RSD	.63010	.0333	.00377	.34641	.31941

#1	.09949	3.214	.51252	4.7226	-15.412
#2	.10038	3.213	.51255	4.6995	-15.343

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2972.1	41128.	4102.3	93.805	3126.9
Stddev	7.0	53.	3.3	.791	3.3
%RSD	.23432	.12813	.07932	.84377	.10684

#1	2977.1	41091.	4100.0	94.364	3129.3
#2	2967.2	41165.	4104.6	93.245	3124.6

Sample Name: J6357-06DLX10 Acquired: 12/17/2018 14:14:35 Type: Unk
Method: P4-ICP2(v2660) 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	.33051	-.01134	3.4691	-.00942	.00047	75.693	1.3652
Stddev	.00231	.00074	.0062	.00355	.00011	.515	.0025
%RSD	.69762	6.5487	.17920	37.627	24.094	.68063	.17985

#1	.33214	-.01186	3.4735	-.01193	.00055	75.328	1.3669
#2	.32888	-.01081	3.4647	-.00692	.00039	76.057	1.3635

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00852	-.00326	420.75	F 3.1587	.23126	30.385	260.92
Stddev	.00014	.00108	2.35	.0194	.00044	.112	8.70
%RSD	1.5868	33.151	.55828	.61278	.19114	.36703	3.3345

#1	.00862	-.00249	419.09	3.1450	.23157	30.464	254.77
#2	.00843	-.00402	422.41	3.1724	.23095	30.306	267.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94308	48.926	.40748	-.00273	7.2056	.29342	10.636
Stddev	.00315	.099	.00093	.00116	.0411	.00076	.312
%RSD	.33373	.20298	.22895	42.267	.56986	.26068	2.9361

#1	.94085	48.996	.40814	-.00355	7.2347	.29396	10.415
#2	.94531	48.856	.40682	-.00192	7.1766	.29288	10.857

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.749	.03702	.01700	1.3549	1.0228	.40035	1.9812
Stddev	.004	.00058	.00495	.0172	.0075	.00195	.0019
%RSD	.02799	1.5604	29.121	1.2668	.73621	.48645	.09649

#1	13.751	.03742	.01350	1.3670	1.0281	.40173	1.9825
#2	13.746	.03661	.02050	1.3428	1.0175	.39898	1.9798

Sample Name: J6357-06DLX10 Acquired: 12/17/2018 14:14:35 Type: Unk
 Method: P4-ICP2(v2660) 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	.10165	2.923	.61734	4.4194	F<.00000
Stddev	.00121	.000	.00450	.0272	.75158
%RSD	1.1944	.0058	.72837	.61435	1.4697

#1	.10079	2.923	.62052	4.4002	-50.607
#2	.10251	2.923	.61416	4.4386	-51.670

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2965.1	41148.	4091.2	90.889	3077.9
Stddev	16.8	34.	14.8	2.486	15.6
%RSD	.56773	.08228	.36100	2.7348	.50677

#1	2953.1	41124.	4080.7	92.646	3066.8
#2	2977.0	41172.	4101.6	89.131	3088.9

Sample Name: J6218-01 Acquired: 12/17/2018 14:18:27 Type: Unk
Method: P4-ICP2(v2660) 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	-.00074	-.00496	.00282	.00017	-.00023	.02198	.25099	.00005
Stddev	.00030	.00004	.00010	.00114	.00237	.00223	.00089	.00013
%RSD	41.046	.71196	3.4522	683.36	1034.3	10.148	.35630	276.30
#1	-.00053	-.00494	.00275	-.00064	.00145	.02356	.25036	.00014
#2	-.00096	-.00499	.00289	.00097	-.00191	.02040	.25163	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	215.33	.00105	.00096	.01045	26.123	1.4104	132.30
Stddev	.00006	.59	.00003	.00007	.00100	.044	.0119	.94
%RSD	10.713	.27443	2.5910	7.3857	9.5218	.16891	.84456	.71224
#1	-.00056	214.91	.00103	.00091	.01116	26.092	1.4019	131.63
#2	-.00065	215.75	.00107	.00101	.00975	26.155	1.4188	132.96
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00344	-.00090	171.46	.00425	.02193	59.658	-.00014	3.4144
Stddev	.00011	.00102	1.22	.00008	.00007	.344	.00010	.0052
%RSD	3.2182	113.59	.71047	1.8691	.33075	.57690	69.550	.15130
#1	-.00352	-.00162	170.60	.00420	.02198	59.415	-.00021	3.4107
#2	-.00336	-.00018	172.32	.00431	.02188	59.902	-.00007	3.4180
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86686	F 25.871	.00095	.00419	.25801	3.579	1.2029	5.6386
Stddev	.00088	.273	.00037	.00176	.00042	.014	.0023	.0777
%RSD	.10103	1.0566	39.153	42.108	.16386	.3923	.18835	1.3784
#1	.86748	25.677	.00069	.00544	.25771	3.589	1.2013	5.5836
#2	.86624	26.064	.00121	.00294	.25831	3.569	1.2045	5.6935

Sample Name: J6218-01 Acquired: 12/17/2018 14:18:27 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.6729
Stddev	.2767
%RSD	3.6061

#1	7.8685
#2	7.4772

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2853.7	39158.	3951.1	92.972	3084.7
Stddev	20.1	120.	19.0	.319	21.6
%RSD	.70448	.30711	.48039	.34361	.69916

#1	2839.4	39243.	3964.5	92.746	3069.4
#2	2867.9	39073.	3937.6	93.198	3099.9

Sample Name: J6218-01DUP Acquired: 12/17/2018 14:22:26 Type: Unk
Method: P4-ICP2(v2660) 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	.00089	-.00457	.00192	.00016	-.00059	.03458	.25258	.00007
Stddev	.00022	.00158	.00054	.00088	.00056	.01773	.00075	.00005
%RSD	24.359	34.457	28.105	544.09	94.591	51.263	.29613	70.991
#1	.00074	-.00568	.00230	.00079	-.00098	.02205	.25311	.00003
#2	.00104	-.00346	.00154	-.00046	-.00019	.04712	.25205	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	217.51	.00098	.00118	.01139	26.738	1.4085	133.65
Stddev	.00019	.91	.00011	.00018	.00033	.624	.0011	.79
%RSD	23.854	.41769	11.409	15.066	2.8843	2.3342	.08037	.59399
#1	-.00066	216.87	.00106	.00105	.01162	26.297	1.4093	133.09
#2	-.00093	218.15	.00090	.00130	.01115	27.179	1.4077	134.21
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00279	-.00094	172.46	.00403	.02157	60.165	-.00015	3.4175
Stddev	.00041	.00013	.03	.00010	.00069	.052	.00042	.0204
%RSD	14.581	14.212	.01869	2.4220	3.1811	.08614	280.13	.59621
#1	-.00308	-.00104	172.48	.00396	.02108	60.201	.00015	3.4031
#2	-.00251	-.00085	172.44	.00410	.02205	60.128	-.00044	3.4319
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87087	F 25.971	.00094	.00500	.26147	3.610	1.2143	5.5775
Stddev	.00263	.120	.00072	.00262	.00248	.001	.0021	.0658
%RSD	.30213	.46013	76.308	52.434	.94797	.0239	.17221	1.1797
#1	.87273	25.886	.00043	.00686	.26322	3.611	1.2158	5.6240
#2	.86901	26.055	.00145	.00315	.25971	3.610	1.2129	5.5309

Sample Name: J6218-01DUP Acquired: 12/17/2018 14:22:26 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.6398
Stddev .3273
%RSD 4.2848

#1 7.8713
#2 7.4084

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2858.3	39388.	3947.6	91.060	3085.6
Stddev	8.5	309.	4.5	1.961	8.5
%RSD	.29693	.78402	.11401	2.1530	.27677

#1	2852.3	39170.	3944.4	92.446	3079.5
#2	2864.3	39607.	3950.8	89.674	3091.6

Sample Name: J6218-01LX5 Acquired: 12/17/2018 14:26:26 Type: Unk
Method: P4-ICP2(v2660) 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	.00253	-.00083	.00069	.00086	-.00105	.01519	.05294	.00005
Stddev	.00130	.00048	.00086	.00162	.00063	.00313	.00014	.00007
%RSD	51.180	58.027	125.94	188.19	60.335	20.588	.25897	128.27

#1	.00345	-.00049	.00130	-.00028	-.00060	.01298	.05284	.00000
#2	.00162	-.00116	.00008	.00201	-.00149	.01740	.05303	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	44.989	.00017	-.00014	.00183	5.2086	.28872	27.006
Stddev	.00019	.544	.00042	.00006	.00008	.0629	.00028	.101
%RSD	132.86	1.2103	250.54	40.855	4.2638	1.2071	.09626	.37453

#1	-.00001	45.374	.00047	-.00019	.00178	5.1641	.28891	26.935
#2	-.00027	44.604	-.00013	-.00010	.00189	5.2531	.28852	27.078

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00145	-.00038	33.994	.00096	.00298	11.763	-.00048	.67113
Stddev	.00024	.00005	.051	.00001	.00006	.011	.00030	.01416
%RSD	16.841	14.050	.14947	1.2818	1.9152	.09746	62.131	2.1096

#1	-.00162	-.00042	34.030	.00097	.00302	11.771	-.00069	.68114
#2	-.00128	-.00035	33.958	.00095	.00294	11.755	-.00027	.66112

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14873	5.4459	-.00074	.00625	.05130	.6841	.24709	4.8088
Stddev	.00392	.0404	.00047	.00032	.00000	.0043	.00175	.0698
%RSD	2.6380	.74174	63.709	5.1693	.00307	.6319	.70958	1.4526

#1	.15151	5.4745	-.00107	.00647	.05130	.6872	.24833	4.8582
#2	.14596	5.4174	-.00041	.00602	.05130	.6811	.24585	4.7594

Sample Name: J6218-01LX5 Acquired: 12/17/2018 14:26:26 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.5482
Stddev	.5077
%RSD	19.922

#1	2.9072
#2	2.1892

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3099.8	42536.	4045.6	98.979	3484.2
Stddev	13.5	141.	42.9	.711	14.3
%RSD	.43609	.33137	1.0595	.71830	.41068

#1	3090.3	42436.	4015.3	99.482	3474.1
#2	3109.4	42635.	4075.9	98.477	3494.3

Sample Name: J6218-01MS Acquired: 12/17/2018 14:30:27 Type: Unk
Method: P4-ICP2(v2660) 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	.80106	1.8105	.93991	1.9090	.79500	2.1539	.45012	.20085
Stddev	.01440	.0207	.01106	.0270	.01396	.0352	.00219	.00062
%RSD	1.7977	1.1418	1.1762	1.4118	1.7564	1.6357	.48647	.30764
#1	.81124	1.8251	.94773	1.9280	.80487	2.1788	.44857	.20041
#2	.79087	1.7958	.93209	1.8899	.78512	2.1290	.45167	.20128
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18525	215.09	.41749	.19223	.29767	29.273	1.5786	133.98
Stddev	.00233	1.47	.00131	.00357	.00579	.729	.0022	1.22
%RSD	1.2568	.68124	.31283	1.8551	1.9459	2.4901	.13980	.90955
#1	.18690	214.05	.41656	.19475	.30176	29.788	1.5770	133.12
#2	.18360	216.12	.41841	.18970	.29357	28.757	1.5802	134.85
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46195	.06702	172.95	.29666	.21508	69.464	.38415	3.6562
Stddev	.00579	.00012	.17	.00080	.00646	.177	.00618	.0433
%RSD	1.2541	.18513	.09768	.27111	3.0037	.25545	1.6092	1.1836
#1	.46605	.06693	172.83	.29723	.21965	69.338	.38852	3.6256
#2	.45786	.06711	173.07	.29609	.21051	69.589	.37977	3.6868
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84567	F 26.369	.63918	.19487	.46551	9.312	1.3981	5.6203
Stddev	.01506	.019	.00712	.00030	.00069	.140	.0048	.0141
%RSD	1.7808	.07329	1.1135	.15272	.14737	1.504	.34591	.25046
#1	.85632	26.355	.64422	.19508	.46599	9.412	1.3947	5.6303
#2	.83503	26.382	.63415	.19466	.46502	9.213	1.4015	5.6103

Sample Name: J6218-01MS Acquired: 12/17/2018 14:30:27 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.8127
Stddev .5142
%RSD 8.8464

#1 5.4491
#2 6.1763

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2843.0	39222.	3908.3	90.810	3057.3
Stddev	59.6	233.	15.6	3.226	58.5
%RSD	2.0953	.59354	.40032	3.5523	1.9151

#1	2800.8	39058.	3897.3	88.529	3015.9
#2	2885.1	39387.	3919.4	93.091	3098.7

Sample Name: CCV03 Acquired: 12/17/2018 14:34:16 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9271	4.7384	4.8145	4.7841	4.8796	10.038	9.7060	.24446
Stddev	.0186	.0131	.0276	.0255	.0166	.035	.0153	.00002
%RSD	.37743	.27567	.57259	.53346	.34034	.34817	.15740	.00746
#1	4.9139	4.7291	4.7950	4.7661	4.8679	10.063	9.6952	.24445
#2	4.9402	4.7476	4.8340	4.8022	4.8914	10.014	9.7168	.24447
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3546	26.983	1.0300	2.3631	1.2212	4.6533	2.4784	24.220
Stddev	.0092	.020	.0027	.0089	.0046	.0876	.0029	.071
%RSD	.39139	.07458	.26286	.37450	.37862	1.8816	.11745	.29420
#1	2.3481	26.969	1.0281	2.3568	1.2179	4.7152	2.4763	24.270
#2	2.3611	26.997	1.0320	2.3694	1.2244	4.5914	2.4805	24.170
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3316	1.1647	23.204	2.3468	2.4902	24.283	4.7970	4.9028
Stddev	.0100	.0002	.033	.0049	.0316	.046	.0251	.0004
%RSD	.42814	.02092	.14093	.20801	1.2688	.19020	.52420	.00752
#1	2.3246	1.1645	23.181	2.3433	2.5125	24.250	4.7792	4.9031
#2	2.3387	1.1649	23.227	2.3502	2.4679	24.316	4.8148	4.9025
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5428	4.9917	4.6901	4.7598	4.8113	4.783	5.2621	4.9330
Stddev	.0228	.0193	.0236	.0014	.0034	.028	.0010	.0674
%RSD	.50193	.38566	.50248	.02977	.07039	.5781	.01809	1.3671
#1	4.5267	4.9781	4.6734	4.7608	4.8090	4.764	5.2614	4.9807
#2	4.5589	5.0053	4.7068	4.7588	4.8137	4.803	5.2627	4.8853

Sample Name: CCV03 Acquired: 12/17/2018 14:34:16 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7640
Stddev .6692
%RSD 24.211

#1 2.2908
#2 3.2372

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3079.3	42145.	4046.7	95.340	3396.5
Stddev	2.7	147.	11.7	1.512	1.4
%RSD	.08853	.34954	.28816	1.5858	.04116

#1	3081.2	42041.	4038.5	94.271	3397.5
#2	3077.4	42249.	4055.0	96.409	3395.5

Sample Name: CCB03 Acquired: 12/17/2018 14:38:01 Type: Unk
Method: P4-ICP2(v2660) 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	.00184	-.00025	.00109	.00060	-.00025	.00364	.00399
Stddev	.00076	.00057	.00067	.00598	.00049	.00718	.00135
%RSD	41.463	229.36	61.170	991.73	197.79	197.09	33.754

#1	.00238	.00016	.00062	.00483	-.00060	.00872	.00304
#2	.00130	-.00065	.00156	-.00363	.00010	-.00143	.00494

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00002	-.00294	-.00013	-.00012	-.00057	.00505
Stddev	.00004	.00001	.01446	.00000	.00004	.00013	.00262
%RSD	31.860	41.160	492.33	2.6441	29.080	22.695	51.810

#1	.00014	.00002	-.01316	-.00013	-.00010	-.00066	.00320
#2	.00009	.00001	.00729	-.00013	-.00015	-.00048	.00690

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.03015	-.00026	.00081	.04054	-.00037	-.00194
Stddev	.00005	.03362	.00024	.00025	.00740	.00026	.00009
%RSD	50.425	111.50	89.820	30.587	18.249	69.547	4.6284

#1	-.00014	-.05392	-.00010	.00064	.03531	-.00019	-.00188
#2	-.00007	-.00638	-.00043	.00099	.04577	-.00056	-.00200

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06824	-.00003	.00410	F -.01223	.00841	-.00039	.00672
Stddev	.03898	.00016	.00573	.00267	.00201	.00021	.00093
%RSD	57.123	569.73	139.65	21.864	23.879	53.246	13.829

#1	-.04068	.00008	.00815	-.01034	.00699	-.00024	.00606
#2	-.09580	-.00014	.00005	-.01412	.00983	-.00054	.00738

Sample Name: CCB03 Acquired: 12/17/2018 14:38:01 Type: Unk
Method: P4-ICP2(v2660) 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	-.00097	-.0049	-.00009	F 4.2908	F .51246
Stddev	.00001	.0001	.00003	.0112	.07645
%RSD	.72750	2.719	33.749	.26084	14.919

#1	-.00097	-.0048	-.00011	4.2987	.45840
#2	-.00098	-.0050	-.00007	4.2829	.56651

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3233.5	44245.	4048.6	99.508	3856.8
Stddev	8.2	158.	9.2	.224	9.9
%RSD	.25467	.35742	.22824	.22502	.25794

#1	3227.7	44133.	4042.1	99.350	3863.9
#2	3239.4	44357.	4055.1	99.667	3849.8

Sample Name: J6218-01MSD Acquired: 12/17/2018 14:42:06 Type: Unk
Method: P4-ICP2(v2660) 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	.79466	1.8094	.93467	1.9027	.78743	2.1273	.44822	.20080
Stddev	.00104	.0022	.00173	.0019	.00255	.0076	.00128	.00037
%RSD	.13047	.12300	.18558	.09818	.32444	.35961	.28658	.18398
#1	.79392	1.8078	.93590	1.9040	.78924	2.1327	.44731	.20106
#2	.79539	1.8110	.93345	1.9014	.78563	2.1219	.44912	.20054
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18476	214.83	.41770	.19140	.29663	28.834	1.5743	133.28
Stddev	.00016	1.78	.00034	.00008	.00050	.005	.0011	1.23
%RSD	.08473	.82679	.08055	.04102	.16736	.01592	.06705	.92493
#1	.18487	213.58	.41793	.19134	.29698	28.837	1.5750	132.41
#2	.18465	216.09	.41746	.19145	.29628	28.831	1.5735	134.16
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45976	.06711	172.24	.29708	.21403	69.230	.38468	3.6596
Stddev	.00047	.00010	.64	.00057	.00059	.294	.00035	.0570
%RSD	.10215	.14359	.36923	.19230	.27622	.42496	.09135	1.5588
#1	.46009	.06718	171.79	.29668	.21361	69.022	.38492	3.6193
#2	.45943	.06704	172.69	.29749	.21445	69.438	.38443	3.6999
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84567	F 26.420	.63999	.19420	.46199	9.281	1.3950	5.6539
Stddev	.00368	.247	.00090	.00096	.00247	.016	.0065	.0722
%RSD	.43542	.93399	.14014	.49457	.53474	.1673	.46760	1.2764
#1	.84828	26.246	.64063	.19487	.46024	9.292	1.3903	5.7049
#2	.84307	26.595	.63936	.19352	.46373	9.270	1.3996	5.6029

Sample Name: J6218-01MSD Acquired: 12/17/2018 14:42:06 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.7605
Stddev	.3721
%RSD	6.4598

#1	6.0236
#2	5.4973

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2856.7	39232.	3894.6	90.943	3069.4
Stddev	21.6	247.	14.7	.253	21.2
%RSD	.75436	.62983	.37724	.27814	.69114

#1	2841.5	39058.	3905.0	90.764	3054.4
#2	2872.0	39407.	3884.2	91.121	3084.4

Sample Name: J6218-01A Acquired: 12/17/2018 14:45:55 Type: Unk
Method: P4-ICP2(v2660) 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	.79644	1.8126	.93863	1.9052	.79134	2.1345	.45346	.20167
Stddev	.00222	.0045	.00024	.0029	.00509	.0138	.00079	.00019
%RSD	.27894	.25002	.02557	.15140	.64317	.64491	.17478	.09488
#1	.79487	1.8094	.93846	1.9032	.78774	2.1248	.45290	.20181
#2	.79801	1.8158	.93880	1.9072	.79494	2.1443	.45402	.20154
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18479	215.53	.41984	.19239	.29831	28.814	1.5814	134.00
Stddev	.00039	.41	.00093	.00022	.00124	.202	.0017	.39
%RSD	.21026	.19107	.22042	.11266	.41431	.70158	.10887	.29012
#1	.18452	215.24	.41919	.19224	.29743	28.957	1.5826	133.73
#2	.18507	215.82	.42050	.19254	.29918	28.671	1.5802	134.28
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46050	.06829	172.69	.29748	.21224	69.439	.38374	3.6822
Stddev	.00042	.00010	.28	.00060	.00347	.146	.00100	.0322
%RSD	.09096	.14354	.16099	.20061	1.6340	.21080	.26046	.87409
#1	.46020	.06823	172.50	.29706	.21469	69.336	.38304	3.6594
#2	.46080	.06836	172.89	.29790	.20979	69.543	.38445	3.7049
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83800	F 26.590	.64014	.19177	.46656	9.285	1.3966	5.6932
Stddev	.00202	.213	.00092	.00100	.00128	.011	.0030	.0998
%RSD	.24095	.80072	.14339	.51970	.27433	.1169	.21665	1.7530
#1	.83657	26.741	.64079	.19106	.46565	9.293	1.3945	5.7638
#2	.83943	26.440	.63949	.19247	.46746	9.277	1.3988	5.6226

Sample Name: J6218-01A Acquired: 12/17/2018 14:45:55 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.7576
Stddev	.3444
%RSD	5.9820

#1	6.0012
#2	5.5141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2848.2	39147.	3884.4	91.800	3064.0
Stddev	4.2	196.	35.9	1.725	8.0
%RSD	.14673	.49997	.92361	1.8794	.26057

#1	2845.2	39009.	3859.0	90.580	3058.3
#2	2851.1	39286.	3909.8	93.020	3069.6

Sample Name: J6218-02 Acquired: 12/17/2018 14:49:45 Type: Unk
Method: P4-ICP2(v2660) 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	-.00100	-.00267	.03009	-.00360	-.00105	.33764	1.0755	.00017
Stddev	.00164	.00170	.00110	.00067	.00006	.01732	.0020	.00007
%RSD	164.73	63.750	3.6569	18.513	5.9156	5.1286	.18486	41.734
#1	-.00216	-.00147	.02932	-.00407	-.00100	.32539	1.0741	.00022
#2	.00016	-.00387	.03087	-.00313	-.00109	.34988	1.0769	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00064	238.42	.00368	.00038	.01850	52.367	.79815	92.446
Stddev	.00022	1.62	.00019	.00006	.00071	.730	.00060	.659
%RSD	34.653	.68106	5.1174	15.687	3.8319	1.3946	.07532	.71310
#1	-.00048	237.27	.00382	.00042	.01900	51.851	.79858	91.980
#2	-.00079	239.57	.00355	.00034	.01800	52.883	.79773	92.913
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00319	-.00178	177.02	.00204	.07649	67.069	-.00010	1.9950
Stddev	.00044	.00027	.42	.00013	.00123	.252	.00002	.0297
%RSD	13.700	15.403	.23494	6.3213	1.6118	.37640	20.435	1.4888
#1	-.00349	-.00159	176.73	.00195	.07562	66.890	-.00011	1.9740
#2	-.00288	-.00198	177.32	.00213	.07736	67.247	-.00008	2.0160
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73629	F 29.863	.00441	.01252	.18351	.9967	2.3544	5.4459
Stddev	.00390	.183	.00061	.00153	.00196	.0087	.0035	.0256
%RSD	.52986	.61357	13.895	12.208	1.0678	.8689	.14854	.47045
#1	.73905	29.733	.00397	.01360	.18213	1.003	2.3519	5.4640
#2	.73353	29.992	.00484	.01144	.18490	.9906	2.3569	5.4277

Sample Name: J6218-02 Acquired: 12/17/2018 14:49:45 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.9356
Stddev .1930
%RSD 2.4321

#1 7.7991
#2 8.0721

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2881.1	39421.	3937.7	93.005	3108.5
Stddev	26.5	82.	13.4	1.083	22.7
%RSD	.92086	.20802	.34033	1.1640	.72869

#1	2862.4	39363.	3947.2	93.771	3092.5
#2	2899.9	39479.	3928.2	92.240	3124.5

Sample Name: J6218-03 Acquired: 12/17/2018 14:53:45 Type: Unk
Method: P4-ICP2(v2660) 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	.00257	-.00362	.00131	.00392	-.00383	.14984	.20036	.00009
Stddev	.00593	.00070	.00126	.00005	.00180	.02437	.00189	.00008
%RSD	230.63	19.445	95.972	1.2907	46.885	16.263	.94341	86.223
#1	.00676	-.00412	.00220	.00395	-.00510	.16708	.19902	.00015
#2	-.00162	-.00312	.00042	.00388	-.00256	.13261	.20169	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	92.470	.00067	.00003	.01832	.70222	.08157	23.896
Stddev	.00010	.261	.00003	.00012	.00086	.00732	.00075	.383
%RSD	251.46	.28214	3.9458	378.22	4.7008	1.0422	.92317	1.6045
#1	-.00011	92.654	.00069	-.00005	.01771	.70739	.08210	23.625
#2	.00003	92.285	.00066	.00012	.01893	.69704	.08104	24.167
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	-.00000	74.243	.00074	.02425	11.938	.00157	.30723
Stddev	.00020	.00041	.168	.00023	.00050	.073	.00008	.01204
%RSD	87.349	5428400.	.22576	31.533	2.0627	.61488	5.1148	3.9189
#1	-.00009	-.00029	74.362	.00091	.02460	11.886	.00162	.29871
#2	-.00036	.00029	74.125	.00058	.02390	11.990	.00151	.31574
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.238	4.8352	-.00402	.00629	.02027	.0542	.44965	5.1234
Stddev	.045	.0664	.00001	.00054	.00032	.0024	.00287	.0824
%RSD	.43888	1.3742	.28611	8.5412	1.5576	4.384	.63751	1.6086
#1	10.270	4.8822	-.00403	.00667	.02049	.0558	.45168	5.0651
#2	10.206	4.7882	-.00401	.00591	.02004	.0525	.44763	5.1817

Sample Name: J6218-03 Acquired: 12/17/2018 14:53:45 Type: Unk
 Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.7929
Stddev	.4846
%RSD	27.030

#1	1.4502
#2	2.1356

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3032.7	41446.	4023.1	97.680	3442.4
Stddev	11.0	83.	17.9	1.442	9.4
%RSD	.36283	.19971	.44555	1.4767	.27163

#1	3024.9	41387.	4010.5	96.660	3435.8
#2	3040.5	41505.	4035.8	98.700	3449.0

Sample Name: J6218-04 Acquired: 12/17/2018 14:57:47 Type: Unk
Method: P4-ICP2(v2660) 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	.01757	-.00356	.02915	.00278	-.00356	7.9227	.19000	.00035
Stddev	.00245	.00067	.00077	.00153	.00102	.0592	.00033	.00003
%RSD	13.959	18.874	2.6568	54.989	28.684	.74767	.17404	8.6184
#1	.01584	-.00308	.02970	.00386	-.00428	7.8808	.19023	.00038
#2	.01930	-.00403	.02860	.00170	-.00284	7.9646	.18977	.00033
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00696	225.51	.01620	.00324	.08022	22.105	.82017	66.761
Stddev	.00022	.24	.00054	.00010	.00359	.365	.00297	.090
%RSD	3.2192	.10440	3.3630	3.2279	4.4708	1.6533	.36233	.13549
#1	.00711	225.35	.01581	.00316	.08275	22.364	.81807	66.697
#2	.00680	225.68	.01658	.00331	.07768	21.847	.82227	66.825
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00911	-.00102	175.85	.01106	.20436	19.729	.00287	.83083
Stddev	.00036	.00029	.14	.00038	.00295	.095	.00024	.01435
%RSD	3.9082	28.180	.07773	3.4391	1.4417	.48144	8.3921	1.7274
#1	.00936	-.00123	175.94	.01133	.20645	19.796	.00304	.84098
#2	.00886	-.00082	175.75	.01079	.20228	19.662	.00270	.82069
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2221	F 23.691	-.00080	.12089	.07951	.8065	1.6656	5.4889
Stddev	.1936	.028	.00028	.00098	.00157	.0299	.0020	.0379
%RSD	3.7082	.11669	35.044	.81371	1.9718	3.707	.12108	.69138
#1	5.3591	23.671	-.00099	.12019	.08062	.8277	1.6671	5.4620
#2	5.0852	23.710	-.00060	.12158	.07840	.7854	1.6642	5.5157

Sample Name: J6218-04 Acquired: 12/17/2018 14:57:47 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.2472
Stddev .4639
%RSD 6.4005

#1 6.9192
#2 7.5752

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2957.1	40006.	3993.2	95.109	3215.8
Stddev	111.1	135.	12.4	1.293	118.9
%RSD	3.7581	.33753	.31151	1.3600	3.6973

#1	2878.5	40102.	3984.4	94.194	3131.7
#2	3035.7	39911.	4002.0	96.024	3299.9

Sample Name: J6218-05 Acquired: 12/17/2018 15:01:47 Type: Unk
Method: P4-ICP2(v2660) 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	.01031	-.00372	.12186	.00152	.00212	2.6508	.26256	.00006
Stddev	.00144	.00002	.00001	.00281	.00028	.0213	.00101	.00000
%RSD	13.932	.52414	.00570	185.35	13.379	.80407	.38412	1.2581

#1	.01133	-.00371	.12186	-.00047	.00232	2.6357	.26185	.00006
#2	.00930	-.00373	.12185	.00351	.00192	2.6658	.26328	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	34.405	.00897	.00218	.13282	8.4847	.14086	14.724
Stddev	.00011	.287	.00078	.00013	.00040	.1020	.00008	.190
%RSD	17.451	.83292	8.7023	5.8471	.29878	1.2023	.05501	1.2890

#1	.00070	34.203	.00841	.00227	.13311	8.5568	.14091	14.590
#2	.00055	34.608	.00952	.00209	.13254	8.4125	.14081	14.859

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00790	.00098	380.56	.00417	.35615	52.660	.07738	1.5734
Stddev	.00052	.00050	2.94	.00032	.00634	.145	.00008	.0027
%RSD	6.5915	51.318	.77194	7.7713	1.7798	.27446	.09890	.17300

#1	.00754	.00133	378.48	.00440	.36063	52.762	.07732	1.5714
#2	.00827	.00062	382.63	.00394	.35167	52.557	.07743	1.5753

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3783	8.2072	.03092	.05900	.01626	2.798	.24762	5.3504
Stddev	.0023	.0037	.00065	.00187	.00132	.004	.00009	.0575
%RSD	.16961	.04502	2.0882	3.1635	8.0927	.1364	.03557	1.0752

#1	1.3767	8.2098	.03137	.05768	.01533	2.795	.24755	5.3097
#2	1.3800	8.2046	.03046	.06032	.01719	2.800	.24768	5.3911

Sample Name: J6218-05 Acquired: 12/17/2018 15:01:47 Type: Unk
 Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.2768
 Stddev .2280
 %RSD 5.3313

#1 4.4380
 #2 4.1156

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2951.6	39904.	3971.6	95.398	3222.3
Stddev	6.2	25.	10.6	1.787	5.8
%RSD	.21050	.06378	.26738	1.8734	.17853

#1	2947.2	39886.	3964.1	94.134	3218.2
#2	2956.0	39922.	3979.1	96.662	3226.3

Sample Name: J6358-02 Acquired: 12/17/2018 15:05:53 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DOD

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00420	-.00179	-.00116	.00479	.00027	.08241	.04194	.00006
Stddev	.00244	.00012	.00002	.00102	.00048	.00177	.00017	.00005
%RSD	58.140	6.8763	2.0926	21.221	174.09	2.1458	.40941	84.790

#1	.00593	-.00187	-.00114	.00551	.00061	.08366	.04206	.00009
#2	.00247	-.00170	-.00117	.00407	-.00006	.08116	.04182	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00312	23.400	.02031	.00035	-.00027	.08094	.00303	3.5977
Stddev	.00010	.144	.00023	.00001	.00034	.00875	.00003	.0051
%RSD	3.0828	.61379	1.1263	2.1691	125.52	10.811	.94282	.14152

#1	.00319	23.299	.02015	.00035	-.00050	.08712	.00301	3.5941
#2	.00305	23.502	.02047	.00036	-.00003	.07475	.00305	3.6013

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00327	.00003	30.845	.00144	.01421	2.7913	.00032	.01341
Stddev	.00015	.00048	.078	.00019	.00032	.0062	.00022	.00593
%RSD	4.5668	1690.0	.25206	13.304	2.2217	.22362	69.765	44.240

#1	.00338	-.00031	30.790	.00158	.01443	2.7869	.00047	.00922
#2	.00317	.00037	30.900	.00131	.01398	2.7957	.00016	.01761

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7709	5.0130	-.00181	.00962	.01672	.0329	1.3963	4.3539
Stddev	.0080	.0492	.00017	.00254	.00258	.0007	.0017	.0215
%RSD	.29064	.98111	9.4872	26.411	15.451	2.122	.12035	.49358

#1	2.7653	4.9782	-.00193	.00783	.01490	.0324	1.3975	4.3691
#2	2.7766	5.0478	-.00168	.01142	.01855	.0334	1.3951	4.3387

Sample Name: J6358-02 Acquired: 12/17/2018 15:05:53 Type: Unk
 Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment: DOD

Elem U_3859
 Units ppm
 Avg 1.0449
 Stddev .4165
 %RSD 39.862

#1 1.3394
 #2 .75036

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3162.6	43766.	4152.0	102.72	3713.9
Stddev	6.2	207.	1.9	1.77	20.0
%RSD	.19539	.47316	.04554	1.7235	.53756

#1	3166.9	43620.	4150.7	101.46	3728.0
#2	3158.2	43913.	4153.4	103.97	3699.8

Sample Name: J6358-02DUP Acquired: 12/17/2018 15:09:57 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DOD

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00248	-.00204	-.00119	-.00008	.00022	.10236	.04305	.00003
Stddev	.00118	.00050	.00051	.00111	.00066	.00685	.00122	.00004
%RSD	47.419	24.545	42.622	1314.3	302.88	6.6877	2.8374	150.43

#1	.00165	-.00239	-.00155	.00070	.00069	.09752	.04219	.00006
#2	.00331	-.00168	-.00083	-.00087	-.00025	.10720	.04392	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00308	23.479	.02045	-.00013	-.00104	.09349	.00300	3.6021
Stddev	.00006	.034	.00030	.00010	.00059	.00179	.00004	.0042
%RSD	2.0631	.14344	1.4785	75.519	56.984	1.9109	1.4205	.11515

#1	.00313	23.455	.02067	-.00006	-.00062	.09222	.00303	3.5992
#2	.00304	23.503	.02024	-.00020	-.00145	.09475	.00297	3.6050

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00338	.00028	30.704	.00140	.01442	2.7517	-.00002	.01226
Stddev	.00006	.00047	.002	.00000	.00025	.0317	.00014	.00389
%RSD	1.7477	165.90	.00585	.02157	1.7628	1.1523	818.18	31.697

#1	.00334	-.00005	30.702	.00140	.01424	2.7293	.00008	.00951
#2	.00342	.00062	30.705	.00140	.01460	2.7742	-.00011	.01501

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7510	5.0022	-.00321	.00545	.01573	.0324	1.3950	4.2752
Stddev	.0101	.0234	.00062	.00086	.00129	.0016	.0032	.0072
%RSD	.36774	.46765	19.278	15.866	8.2169	4.920	.23219	.16848

#1	2.7581	5.0187	-.00277	.00484	.01482	.0336	1.3973	4.2701
#2	2.7438	4.9857	-.00365	.00606	.01664	.0313	1.3927	4.2803

Sample Name: J6358-02DUP Acquired: 12/17/2018 15:09:57 Type: Unk
 Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment: DOD

Elem U_3859
 Units ppm
 Avg 1.1033
 Stddev .3587
 %RSD 32.511

#1 .84964
 #2 1.3569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3170.0	43673.	4150.7	101.99	3738.5
Stddev	24.7	93.	1.3	.70	24.5
%RSD	.77988	.21214	.03221	.68268	.65507

#1	3152.5	43608.	4151.7	102.48	3721.2
#2	3187.4	43739.	4149.8	101.50	3755.8

Sample Name: J6358-02LX5 Acquired: 12/17/2018 15:14:00 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DOD

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	-.00086	.00001	.00179	-.00089	.02025	.01073	-.00002
Stddev	.00082	.00062	.00019	.00179	.00047	.00821	.00065	.00012
%RSD	257.09	71.523	1276.0	99.843	53.051	40.557	6.0153	470.66

#1	.00026	-.00043	-.00012	.00305	-.00122	.02606	.01028	-.00011
#2	-.00090	-.00130	.00015	.00053	-.00055	.01444	.01119	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	4.8594	.00368	-.00005	-.00080	.02570	.00059	.77702
Stddev	.00004	.0716	.00014	.00011	.00019	.00130	.00000	.00969
%RSD	6.0585	1.4724	3.9370	212.21	23.995	5.0497	.78497	1.2476

#1	.00067	4.8089	.00378	-.00013	-.00094	.02662	.00058	.78387
#2	.00073	4.9100	.00358	.00003	-.00066	.02479	.00059	.77016

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	.00007	6.4895	.00033	.00112	.59736	-.00019	-.00120
Stddev	.00012	.00028	.0672	.00020	.00019	.03425	.00014	.01386
%RSD	18.162	382.69	1.0353	60.294	16.638	5.7330	73.557	1151.0

#1	.00073	.00027	6.4420	.00048	.00125	.57314	-.00009	-.01101
#2	.00056	-.00012	6.5370	.00019	.00099	.62157	-.00029	.00860

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57135	1.0885	-.00136	.00563	.00232	.0044	.29124	4.0709
Stddev	.00121	.0244	.00033	.00135	.00133	.0013	.00221	.0194
%RSD	.21094	2.2439	24.112	24.001	57.351	30.34	.75743	.47770

#1	.57220	1.0712	-.00113	.00658	.00138	.0034	.28968	4.0846
#2	.57050	1.1058	-.00160	.00467	.00327	.0053	.29280	4.0571

Sample Name: J6358-02LX5 Acquired: 12/17/2018 15:14:00 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DOD

Elem	U_3859
Units	ppm
Avg	.96970
Stddev	.31290
%RSD	32.268

#1	1.1910
#2	.74845

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3234.3	44632.	4176.9	104.10	3847.8
Stddev	12.3	42.	34.1	1.46	32.2
%RSD	.37914	.09488	.81739	1.4073	.83671

#1	3225.6	44602.	4201.0	105.14	3825.1
#2	3243.0	44662.	4152.7	103.06	3870.6

Sample Name: J6358-02MS Acquired: 12/17/2018 15:18:02 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DOD

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63727	1.4806	.74828	1.5040	.65066	1.7211	.20897	.15742	.14854
Stddev	.00361	.0037	.00125	.0051	.00235	.0101	.00026	.00068	.00032
%RSD	.56682	.24929	.16731	.33734	.36071	.58882	.12332	.43506	.21627
#1	.63472	1.4832	.74739	1.5076	.65232	1.7139	.20915	.15791	.14876
#2	.63983	1.4780	.74916	1.5004	.64900	1.7282	.20878	.15694	.14831
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.494	.36627	.15350	.24354	2.3989	.17246	5.0800	.37733	.05455
Stddev	.154	.00259	.00013	.00045	.0336	.00041	.0169	.00003	.00042
%RSD	.65542	.70647	.08464	.18674	1.4024	.23796	.33166	.00697	.76509
#1	23.385	.36444	.15340	.24322	2.3751	.17275	5.0919	.37735	.05426
#2	23.603	.36810	.15359	.24386	2.4227	.17217	5.0681	.37732	.05485
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.978	.24156	.17160	10.898	.32538	.24571	2.6481	5.5844	.51592
Stddev	.127	.00031	.00240	.039	.00056	.00137	.0087	.0449	.00005
%RSD	.39678	.12982	1.3986	.35721	.17248	.55772	.32923	.80391	.00935
#1	32.068	.24178	.16990	10.871	.32578	.24474	2.6543	5.6162	.51588
#2	31.888	.24133	.17330	10.926	.32498	.24668	2.6420	5.5527	.51595
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.16727	.17829	4.241	1.5140	4.3667	.09962			
Stddev	.00018	.00118	.001	.0006	.0533	.15975			
%RSD	.10815	.66058	.0184	.03822	1.2202	160.36			
#1	.16715	.17746	4.241	1.5136	4.3290	-.01334			
#2	.16740	.17912	4.240	1.5144	4.4044	.21258			

Sample Name: J6358-02MS Acquired: 12/17/2018 15:18:02 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DOD

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3162.3	43726.	4105.7	101.04	3686.8
Stddev	16.3	29.	30.6	1.08	20.3
%RSD	.51391	.06728	.74477	1.0657	.55113
#1	3150.8	43705.	4084.0	101.80	3672.4
#2	3173.7	43746.	4127.3	100.28	3701.1

Sample Name: CCV04 Acquired: 12/17/2018 15:43:13 Type: Unk
Method: P4-ICP2(v2660) 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	5.0140	4.7620	4.8817	4.8328	4.9722	10.060	9.8577	.24725
Stddev	.0095	.0011	.0028	.0003	.0099	.108	.0317	.00052
%RSD	.18968	.02286	.05671	.00538	.19891	1.0692	.32165	.21028
#1	5.0073	4.7612	4.8836	4.8330	4.9652	9.9837	9.8801	.24762
#2	5.0208	4.7628	4.8797	4.8326	4.9792	10.136	9.8353	.24688
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3778	26.973	1.0352	2.3890	1.2310	4.6545	2.5050	24.556
Stddev	.0009	.239	.0000	.0008	.0027	.0511	.0037	.088
%RSD	.03628	.88589	.00059	.03229	.21512	1.0979	.14624	.35904
#1	2.3772	26.804	1.0352	2.3884	1.2292	4.6183	2.5076	24.493
#2	2.3784	27.142	1.0352	2.3895	1.2329	4.6906	2.5024	24.618
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3408	1.1688	23.616	2.3519	2.5031	24.639	4.8218	4.9171
Stddev	.0026	.0001	.045	.0014	.0127	.116	.0167	.0201
%RSD	.11054	.01321	.19090	.05869	.50945	.46903	.34525	.40803
#1	2.3390	1.1689	23.648	2.3529	2.4941	24.720	4.8101	4.9029
#2	2.3427	1.1687	23.584	2.3509	2.5121	24.557	4.8336	4.9313
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5508	5.0838	4.6855	4.8295	4.8751	4.842	5.3254	4.9444
Stddev	.0086	.0022	.0014	.0000	.0083	.007	.0025	.0176
%RSD	.18860	.04380	.03004	.00040	.16974	.1426	.04725	.35534
#1	4.5569	5.0822	4.6865	4.8295	4.8810	4.847	5.3272	4.9319
#2	4.5447	5.0853	4.6845	4.8294	4.8693	4.837	5.3236	4.9568

Sample Name: CCV04 Acquired: 12/17/2018 15:43:13 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.2745
Stddev .5571
%RSD 17.013

#1 3.6684
#2 2.8806

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3075.0	42306.	4041.9	96.433	3402.7
Stddev	2.8	68.	12.5	.557	.2
%RSD	.09209	.16073	.30988	.57730	.00648

#1	3077.0	42258.	4033.1	96.826	3402.5
#2	3073.0	42354.	4050.8	96.039	3402.9

Sample Name: CCB04 Acquired: 12/17/2018 15:46:57 Type: Unk
Method: P4-ICP2(v2660) 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	.00192	-.00067	.00082	.00139	.00028	.00361	.00267
Stddev	.00015	.00054	.00103	.00204	.00052	.00413	.00018
%RSD	8.0273	80.345	125.15	146.67	188.51	114.48	6.7207

#1	.00202	-.00105	.00155	.00283	-.00009	.00653	.00254
#2	.00181	-.00029	.00009	-.00005	.00064	.00069	.00280

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00001	-.02718	-.00028	-.00014	-.00073	.01200
Stddev	.00000	.00003	.02313	.00004	.00025	.00056	.00364
%RSD	1.2665	222.58	85.094	13.649	179.79	76.873	30.297

#1	.00010	-.00001	-.04353	-.00026	-.00032	-.00113	.01457
#2	.00010	.00004	-.01082	-.00031	.00004	-.00033	.00943

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.01572	-.00003	.00089	.00924	-.00040	-.00210
Stddev	.00005	.01992	.00025	.00035	.01509	.00030	.00022
%RSD	180.14	126.70	935.04	39.424	163.31	75.586	10.425

#1	.00001	-.00164	-.00020	.00064	-.00143	-.00019	-.00195
#2	-.00007	-.02980	.00015	.00114	.01991	-.00061	-.00226

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01076	.00008	-.00666	F -.01622	.00749	-.00042	.00570
Stddev	.00619	.00016	.00461	.00001	.00182	.00097	.00157
%RSD	57.564	215.12	69.206	.03938	24.277	230.15	27.514

#1	.01514	.00019	-.00340	-.01623	.00621	.00026	.00459
#2	.00638	-.00004	-.00992	-.01622	.00878	-.00111	.00681

Sample Name: CCB04 Acquired: 12/17/2018 15:46:57 Type: Unk
Method: P4-ICP2(v2660) 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	-.00107	-.0047	-.00009	F 4.2628	F .88414
Stddev	.00042	.0002	.00007	.0503	.06842
%RSD	38.992	5.195	80.463	1.1810	7.7382

#1	-.00077	-.0049	-.00014	4.2272	.83576
#2	-.00136	-.0045	-.00004	4.2984	.93252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3200.6	44138.	4165.4	103.53	3845.3
Stddev	13.1	101.	22.8	.62	21.3
%RSD	.40925	.22855	.54731	.60334	.55373

#1	3191.3	44066.	4181.6	103.97	3830.3
#2	3209.9	44209.	4149.3	103.08	3860.4

Sample Name: J6358-02MSD Acquired: 12/17/2018 15:51:01 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DOD

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90132	2.0980	1.0684	2.1222	.91432	2.4274	.27976	.22271	.21043
Stddev	.00482	.0045	.0017	.0034	.00104	.0184	.00136	.00026	.00010
%RSD	.53460	.21359	.16062	.15777	.11340	.75606	.48757	.11498	.04812
#1	.89792	2.0948	1.0672	2.1245	.91506	2.4144	.28073	.22253	.21036
#2	.90473	2.1012	1.0696	2.1198	.91359	2.4404	.27880	.22289	.21050
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.777	.51091	.21799	.34543	3.2906	.24112	5.9045	.53388	.07685
Stddev	.115	.00275	.00018	.00093	.0935	.00003	.0116	.00012	.00112
%RSD	.46421	.53884	.08055	.26792	2.8426	.01429	.19622	.02204	1.4603
#1	24.695	.50897	.21786	.34478	3.3568	.24115	5.9127	.53380	.07764
#2	24.858	.51286	.21811	.34609	3.2245	.24110	5.8963	.53396	.07605
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.004	.34030	.23439	14.438	.46876	.34741	2.7482	6.1297	.72729
Stddev	.024	.00155	.00549	.016	.00085	.00214	.0024	.0095	.00031
%RSD	.06952	.45437	2.3434	.11075	.18185	.61503	.08887	.15566	.04248
#1	34.021	.33921	.23828	14.427	.46815	.34590	2.7499	6.1365	.72707
#2	33.988	.34140	.23051	14.450	.46936	.34892	2.7464	6.1230	.72751
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.23253	.24639	6.019	1.6324	4.5327	.31169			
Stddev	.00073	.00306	.005	.0061	.0338	.21676			
%RSD	.31550	1.2429	.0847	.37227	.74648	69.541			
#1	.23305	.24423	6.016	1.6281	4.5566	.46496			
#2	.23201	.24856	6.023	1.6367	4.5088	.15843			

Sample Name: J6358-02MSD Acquired: 12/17/2018 15:51:01 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DOD

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3110.8	43237.	4060.8	101.17	3612.9
Stddev	2.0	11.	15.2	2.15	2.2
%RSD	.06302	.02590	.37363	2.1273	.06082
#1	3112.2	43245.	4050.1	99.647	3614.4
#2	3109.5	43229.	4071.6	102.69	3611.3

Sample Name: J6358-02A Acquired: 12/17/2018 15:54:50 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DOD

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89491	2.1054	1.0711	2.1230	.92026	2.4021	.28141	.22339
Stddev	.00358	.0018	.0008	.0109	.00293	.0027	.00174	.00003
%RSD	.40030	.08576	.07976	.51370	.31817	.11386	.61751	.01138

#1	.89237	2.1041	1.0705	2.1307	.91819	2.4002	.28018	.22341
#2	.89744	2.1067	1.0717	2.1153	.92233	2.4041	.28263	.22337

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21112	24.776	.51401	.21924	.34563	3.3348	.24258	6.0341
Stddev	.00051	.118	.00192	.00012	.00128	.0516	.00049	.0334
%RSD	.24307	.47447	.37339	.05652	.37057	1.5479	.20250	.55380

#1	.21148	24.693	.51266	.21915	.34472	3.2983	.24223	6.0104
#2	.21075	24.859	.51537	.21933	.34653	3.3713	.24293	6.0577

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53626	.07758	34.180	.34186	.23934	14.456	.47067	.35608
Stddev	.00130	.00059	.139	.00166	.00463	.000	.00020	.00547
%RSD	.24243	.76526	.40527	.48690	1.9355	.00047	.04292	1.5365

#1	.53534	.07716	34.082	.34304	.23606	14.456	.47081	.35221
#2	.53717	.07800	34.278	.34069	.24261	14.456	.47053	.35995

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7521	6.1491	.72603	.23154	.24772	6.033	1.6426	4.5715
Stddev	.0134	.0134	.00115	.00068	.00052	.008	.0069	.0190
%RSD	.48785	.21802	.15873	.29492	.20985	.1253	.41834	.41617

#1	2.7616	6.1586	.72521	.23106	.24809	6.038	1.6377	4.5580
#2	2.7426	6.1396	.72684	.23202	.24735	6.027	1.6475	4.5849

Sample Name: J6358-02A Acquired: 12/17/2018 15:54:50 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: DOD

Elem U_3859
Units ppm
Avg <.00000
Stddev .45275
%RSD 111.56

#1 -.08570
#2 -.72599

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3109.5	43147.	4035.2	99.502	3609.6
Stddev	3.7	3.	.7	1.888	7.2
%RSD	.11994	.00802	.01720	1.8974	.20033

#1	3106.9	43149.	4034.7	100.84	3604.5
#2	3112.2	43144.	4035.6	98.167	3614.8

Sample Name: J6403-04 Acquired: 12/17/2018 15:58:45 Type: Unk
Method: P4-ICP2(v2660) 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	.01918	-.00266	.19688	.00485	.00321	.05775	.22044	-.00005
Stddev	.00085	.00115	.00130	.00304	.00326	.00645	.00061	.00000
%RSD	4.4554	43.144	.65926	62.533	101.74	11.166	.27865	1.8318

#1	.01978	-.00348	.19780	.00700	.00551	.06231	.22087	-.00005
#2	.01857	-.00185	.19596	.00271	.00090	.05319	.22000	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00192	60.510	.00007	.00291	.02882	.00227	.23363	2.3408
Stddev	.00001	.725	.00009	.00022	.00021	.00087	.00008	.0318
%RSD	.52630	1.1984	132.66	7.6570	.72908	38.551	.03458	1.3598

#1	.00191	61.023	.00000	.00275	.02867	.00288	.23369	2.3183
#2	.00193	59.997	.00013	.00307	.02896	.00165	.23357	2.3633

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00930	-.00005	363.69	.00126	.68993	1.3455	-.00018	-.00016
Stddev	.00012	.00017	5.10	.00002	.01654	.0334	.00006	.00068
%RSD	1.2711	343.43	1.4033	1.5108	2.3969	2.4821	30.833	417.93

#1	.00922	-.00017	367.30	.00124	.70162	1.3219	-.00022	-.00065
#2	.00939	.00007	360.08	.00127	.67823	1.3691	-.00014	.00032

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87181	.81814	.00040	.00635	.00229	.0662	.25993	5.1934
Stddev	.00206	.00249	.00005	.00131	.00027	.0002	.00135	.0864
%RSD	.23622	.30378	11.856	20.690	11.916	.2355	.51915	1.6630

#1	.87327	.81990	.00037	.00728	.00210	.0663	.26089	5.2545
#2	.87035	.81638	.00043	.00542	.00248	.0661	.25898	5.1323

Sample Name: J6403-04 Acquired: 12/17/2018 15:58:45 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.0847
Stddev .7740
%RSD 25.090

#1 2.5375
#2 3.6320

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2964.9	40502.	4073.0	98.969	3261.5
Stddev	.3	2.	37.4	2.161	2.0
%RSD	.01057	.00475	.91927	2.1831	.06279

#1	2964.7	40503.	4046.5	97.442	3263.0
#2	2965.1	40501.	4099.5	100.50	3260.1

Sample Name: J6403-04DUP Acquired: 12/17/2018 16:02:52 Type: Unk
Method: P4-ICP2(v2660) 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	.01732	-.00362	.19892	.00293	.00100	.05386	.22040	.00015
Stddev	.00048	.00017	.00009	.00047	.00005	.00735	.00025	.00006
%RSD	2.7743	4.6808	.04539	16.124	5.0581	13.644	.11249	41.511

#1	.01698	-.00350	.19885	.00327	.00103	.04866	.22058	.00011
#2	.01766	-.00374	.19898	.00260	.00096	.05906	.22023	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00183	60.993	-.00017	.00309	.02940	.01164	.23613	2.3507
Stddev	.00003	.640	.00017	.00013	.00006	.00081	.00003	.0295
%RSD	1.5552	1.0486	100.56	4.0425	.21488	6.9213	.01201	1.2537

#1	.00181	60.541	-.00028	.00318	.02944	.01221	.23611	2.3716
#2	.00185	61.445	-.00005	.00301	.02935	.01107	.23615	2.3299

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00951	.00005	367.91	.00121	.69068	1.4457	.00027	.00060
Stddev	.00012	.00065	.38	.00037	.00050	.0367	.00010	.00908
%RSD	1.3107	1309.7	.10268	30.826	.07269	2.5405	38.394	1513.9

#1	.00960	-.00041	367.64	.00148	.69032	1.4197	.00020	-.00582
#2	.00942	.00051	368.17	.00095	.69103	1.4716	.00034	.00702

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87861	.82180	-.00003	.00730	.00505	.0706	.26181	5.1303
Stddev	.00245	.00116	.00018	.00361	.00168	.0014	.00052	.0842
%RSD	.27876	.14090	528.58	49.441	33.371	1.945	.20013	1.6415

#1	.88035	.82098	-.00016	.00475	.00386	.0716	.26144	5.1899
#2	.87688	.82262	.00009	.00985	.00624	.0696	.26218	5.0708

Sample Name: J6403-04DUP Acquired: 12/17/2018 16:02:52 Type: Unk
 Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.1366
 Stddev .0602
 %RSD 1.9187

#1 3.0940
 #2 3.1792

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2953.9	40549.	4083.8	99.466	3248.4
Stddev	9.5	31.	13.6	.083	8.1
%RSD	.32131	.07663	.33316	.08356	.24877

#1	2947.2	40527.	4093.4	99.407	3242.7
#2	2960.7	40571.	4074.2	99.525	3254.1

Sample Name: J6403-04LX5 Acquired: 12/17/2018 16:06:59 Type: Unk
Method: P4-ICP2(v2660) 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	.00322	-.00123	.03829	.00304	-.00063	.00890	.04668	.00013
Stddev	.00350	.00103	.00030	.00187	.00156	.01600	.00021	.00004
%RSD	108.47	83.788	.78414	61.410	246.62	179.69	.45581	27.192

#1	.00570	-.00050	.03850	.00172	.00047	-.00241	.04653	.00011
#2	.00075	-.00196	.03808	.00436	-.00174	.02021	.04683	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	12.296	-.00028	.00058	.00513	.01015	.04707	.43149
Stddev	.00007	.123	.00021	.00000	.00051	.00024	.00015	.00293
%RSD	20.419	1.0042	76.221	.16152	9.8573	2.3761	.32363	.67896

#1	.00041	12.209	-.00013	.00058	.00549	.00998	.04697	.42941
#2	.00031	12.384	-.00043	.00058	.00477	.01032	.04718	.43356

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00132	-.00037	73.854	.00053	.14164	.29778	-.00025	-.01076
Stddev	.00001	.00025	.223	.00056	.00229	.00299	.00026	.00155
%RSD	.87139	67.780	.30213	104.97	1.6190	1.0030	102.27	14.453

#1	.00131	-.00019	73.696	.00093	.14326	.29989	-.00043	-.01186
#2	.00133	-.00054	74.012	.00014	.14002	.29566	-.00007	-.00966

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15337	.18123	-.00168	.00651	.00354	.0090	.05207	4.5965
Stddev	.00105	.00391	.00073	.00030	.00217	.0025	.00021	.0151
%RSD	.68715	2.1548	43.335	4.6442	61.161	27.36	.41051	.32949

#1	.15263	.17847	-.00116	.00672	.00201	.0073	.05192	4.5858
#2	.15412	.18399	-.00219	.00630	.00507	.0108	.05222	4.6072

Sample Name: J6403-04LX5 Acquired: 12/17/2018 16:06:59 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2312
Stddev	.0059
%RSD	.48278

#1	1.2270
#2	1.2354

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3097.2	42734.	4082.6	100.41	3536.0
Stddev	3.0	49.	32.6	1.53	1.5
%RSD	.09684	.11579	.79885	1.5200	.04192

#1	3095.1	42699.	4105.7	99.333	3535.0
#2	3099.3	42769.	4059.6	101.49	3537.1

Sample Name: J6403-04MS Acquired: 12/17/2018 16:15:06 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92821	1.9889	1.2492	2.2122	.88427	2.4572	.44773	.22778	.21259
Stddev	.00307	.0023	.0037	.0006	.00178	.0118	.00080	.00125	.00026
%RSD	.33043	.11647	.29322	.02815	.20162	.48182	.17937	.55028	.12152
#1	.93038	1.9905	1.2518	2.2126	.88553	2.4656	.44830	.22690	.21277
#2	.92604	1.9873	1.2466	2.2117	.88301	2.4489	.44717	.22867	.21241
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	62.946	.47683	.21923	.35745	3.0672	.46237	4.5203	.53377	.07687
Stddev	.281	.00090	.00022	.00077	.0313	.00121	.0267	.00226	.00003
%RSD	.44660	.18782	.10046	.21518	1.0189	.26218	.58948	.42344	.04551
#1	63.145	.47619	.21939	.35800	3.0893	.46151	4.5391	.53537	.07690
#2	62.748	.47746	.21908	.35691	3.0451	.46323	4.5014	.53217	.07685
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	372.18	.33357	.90329	13.201	.44423	.31627	.87774	1.8253	.70162
Stddev	4.18	.00126	.01339	.064	.00224	.00457	.00851	.0014	.00010
%RSD	1.1232	.37824	1.4825	.48126	.50511	1.4436	.96979	.07553	.01364
#1	369.23	.33268	.91276	13.156	.44582	.31304	.88376	1.8263	.70155
#2	375.14	.33446	.89382	13.246	.44265	.31949	.87172	1.8244	.70169
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22086	.23170	6.555	.49434	5.4784	1.7101			
Stddev	.00121	.00072	.015	.00053	.0105	.1935			
%RSD	.54992	.31016	.2317	.10640	.19205	11.315			
#1	.22001	.23119	6.565	.49472	5.4859	1.8469			
#2	.22172	.23221	6.544	.49397	5.4710	1.5732			

Sample Name: J6403-04MS Acquired: 12/17/2018 16:15:06 Type: Unk
 Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2916.4	39846.	3976.5	97.459	3211.8
Stddev	9.6	56.	25.4	1.476	12.2
%RSD	.32876	.14123	.63792	1.5146	.38130
#1	2909.7	39806.	3958.5	96.416	3203.2
#2	2923.2	39886.	3994.4	98.503	3220.5

Sample Name: J6403-04MSD Acquired: 12/17/2018 16:23:58 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93672	2.0184	1.2524	2.2276	.90092	2.4346	.44291	.23018	.21431
Stddev	.01786	.0352	.0170	.0484	.01304	.0028	.00137	.00090	.00321
%RSD	1.9068	1.7418	1.3617	2.1720	1.4470	.11503	.30868	.39080	1.4963

#1	.92409	1.9935	1.2403	2.1933	.89170	2.4326	.44388	.23081	.21204
#2	.94935	2.0433	1.2644	2.2618	.91014	2.4366	.44195	.22954	.21658

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	59.702	.47389	.22135	.35584	3.1480	.45342	4.4532	.53827	.07870
Stddev	.218	.00264	.00375	.00473	.0664	.00105	.0745	.00840	.00057
%RSD	.36590	.55756	1.6935	1.3297	2.1077	.23216	1.6732	1.5605	.72965

#1	59.857	.47576	.21870	.35250	3.1011	.45416	4.4005	.53233	.07911
#2	59.548	.47202	.22400	.35919	3.1949	.45267	4.5059	.54421	.07830

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	354.14	.33623	.88859	13.350	.44928	.31658	.82858	1.8056	.71147
Stddev	1.77	.00056	.01012	.002	.00709	.00087	.00691	.0150	.00793
%RSD	.49953	.16588	1.1383	.01281	1.5776	.27558	.83439	.83139	1.1152

#1	352.89	.33663	.88144	13.351	.44427	.31596	.82369	1.8162	.70586
#2	355.39	.33584	.89575	13.349	.45429	.31720	.83347	1.7950	.71708

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22309	.23582	6.593	.48126	5.1581	1.4288
Stddev	.00169	.00001	.090	.00447	.0048	.3239
%RSD	.75621	.00268	1.359	.92948	.09328	22.668

#1	.22428	.23583	6.530	.48442	5.1615	1.1998
#2	.22190	.23582	6.656	.47810	5.1547	1.6578

Sample Name: J6403-04MSD Acquired: 12/17/2018 16:23:58 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2964.9	40555.	4024.1	97.218	3262.2
Stddev	29.2	85.	23.8	.641	34.6
%RSD	.98419	.21018	.59170	.65935	1.0619
#1	2985.5	40615.	4007.3	97.671	3286.7
#2	2944.2	40495.	4041.0	96.765	3237.7

Sample Name: J6403-04A Acquired: 12/17/2018 16:27:55 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95154	2.0437	1.2764	2.2701	.92162	2.4757	.44163	.23270	.21868
Stddev	.00199	.0084	.0002	.0021	.00015	.0320	.00452	.00044	.00008
%RSD	.20862	.40975	.01425	.09367	.01595	1.2938	1.0241	.19063	.03871
#1	.95294	2.0377	1.2763	2.2716	.92173	2.4530	.43843	.23239	.21862
#2	.95014	2.0496	1.2766	2.2686	.92152	2.4983	.44483	.23302	.21874
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	59.211	.48022	.22548	.36376	3.1664	.45492	4.4521	.54565	.07833
Stddev	.429	.00076	.00069	.00089	.0225	.00140	.0036	.00114	.00081
%RSD	.72462	.15793	.30548	.24384	.71035	.30843	.08153	.20948	1.0294
#1	58.907	.47968	.22499	.36314	3.1505	.45393	4.4495	.54484	.07776
#2	59.514	.48075	.22597	.36439	3.1823	.45591	4.4547	.54645	.07890
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	350.35	.33654	.88729	13.359	.45603	.31462	.83905	1.8050	.72781
Stddev	5.91	.00044	.00231	.153	.00147	.00200	.00055	.0003	.00152
%RSD	1.6870	.13011	.26054	1.1422	.32147	.63622	.06549	.01777	.20891
#1	346.17	.33685	.88565	13.251	.45499	.31604	.83944	1.8048	.72673
#2	354.53	.33623	.88892	13.467	.45707	.31320	.83866	1.8052	.72888
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22235	.23581	6.713	.48147	5.0939	.91317			
Stddev	.00344	.00250	.013	.00283	.0589	.52834			
%RSD	1.5487	1.0585	.1879	.58800	1.1565	57.858			
#1	.21992	.23405	6.722	.47947	5.0523	.53958			
#2	.22479	.23758	6.704	.48348	5.1356	1.2868			

Sample Name: J6403-04A Acquired: 12/17/2018 16:27:55 Type: Unk
 Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2928.0	40513.	4047.1	97.729	3218.4
Stddev	2.3	3.	2.8	.383	3.8
%RSD	.07986	.00748	.06830	.39192	.11667
#1	2929.7	40516.	4049.1	98.000	3221.0
#2	2926.3	40511.	4045.2	97.458	3215.7

Sample Name: PB115749BL Acquired: 12/17/2018 16:31:51 Type: Unk
Method: P4-ICP2(v2660) 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	.00222	.00005	.00041	.00109	.00015	-.00250	.00235
Stddev	.00117	.00064	.00124	.00110	.00031	.01613	.00031
%RSD	52.869	1273.4	306.23	100.49	212.57	644.16	13.222

#1	.00139	-.00040	.00129	.00187	.00037	.00890	.00213
#2	.00305	.00051	-.00047	.00032	-.00007	-.01391	.00257

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00001	-.01853	-.00003	-.00014	-.00115	.00515
Stddev	.00003	.00007	.00225	.00022	.00013	.00056	.00642
%RSD	45.410	636.38	12.122	832.79	89.862	49.293	124.67

#1	.00005	-.00006	-.01694	.00013	-.00005	-.00075	.00969
#2	.00010	.00004	-.02012	-.00018	-.00023	-.00155	.00061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00001	-.00043	.00010	.17457	-.00014	-.00225
Stddev	.00000	.00387	.00000	.00029	.01649	.00056	.00004
%RSD	2.2651	31106.	1.0928	278.31	9.4442	393.90	1.6003

#1	-.00011	.00272	-.00043	-.00010	.16291	.00025	-.00222
#2	-.00011	-.00275	-.00043	.00031	.18623	-.00053	-.00227

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04828	-.00004	-.01450	F -.01654	.00291	-.00143	.00326
Stddev	.00351	.00007	.00004	.00001	.00301	.00007	.00096
%RSD	7.2743	190.19	.28871	.07019	103.50	4.7723	29.359

#1	.04580	.00001	-.01452	-.01654	.00504	-.00148	.00258
#2	.05076	-.00008	-.01447	-.01655	.00078	-.00138	.00394

Sample Name: PB115749BL Acquired: 12/17/2018 16:31:51 Type: Unk
 Method: P4-ICP2(v2660) 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	.00137	-.0051	-.00013	F 4.1804	F .67679
Stddev	.00127	.0014	.00012	.0447	.14781
%RSD	92.846	27.72	92.452	1.0685	21.839

#1	.00047	-.0061	-.00005	4.2120	.57227
#2	.00227	-.0041	-.00022	4.1488	.78130

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3174.0	44156.	4104.3	102.27	3819.8
Stddev	26.5	60.	2.9	1.08	35.6
%RSD	.83516	.13559	.07017	1.0602	.93242

#1	3155.2	44198.	4102.3	103.03	3794.7
#2	3192.7	44113.	4106.3	101.50	3845.0

Sample Name: PB115749BS Acquired: 12/17/2018 16:35:57 Type: Unk
Method: P4-ICP2(v2660) 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	.81754	1.9892	1.0046	1.9822	.82167	2.1067	.22281
Stddev	.00017	.0034	.0002	.0028	.00103	.0171	.00106
%RSD	.02041	.17363	.01926	.14160	.12499	.81367	.47638

#1	.81766	1.9916	1.0048	1.9842	.82239	2.0946	.22206
#2	.81743	1.9868	1.0045	1.9802	.82094	2.1188	.22356

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20699	.19292	F 1.2116	.44761	.20160	.32762	2.9300
Stddev	.00016	.00003	.0003	.00301	.00022	.00062	.1513
%RSD	.07931	.01670	.02397	.67150	.11149	.18945	5.1635

#1	.20687	.19294	1.2114	.44548	.20176	.32718	2.8230
#2	.20710	.19289	1.2118	.44973	.20144	.32806	3.0370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22322	2.1296	.49170	.07246	3.2004	.30392	.20900
Stddev	.00055	.0206	.00083	.00104	.0007	.00112	.00928
%RSD	.24460	.96543	.16856	1.4362	.02198	.36919	4.4408

#1	.22283	2.1441	.49111	.07173	3.1999	.30313	.20244
#2	.22360	2.1150	.49229	.07320	3.2009	.30472	.21556

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.636	.40501	.28961	F .34261	.98805	.63660	.20742
Stddev	.028	.00039	.00258	.01064	.00394	.00061	.00106
%RSD	.25860	.09535	.89040	3.1048	.39842	.09631	.51057

#1	10.656	.40474	.29144	.35013	.99083	.63703	.20668
#2	10.617	.40529	.28779	.33508	.98527	.63616	.20817

Sample Name: PB115749BS Acquired: 12/17/2018 16:35:57 Type: Unk
Method: P4-ICP2(v2660) 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	.21228	5.369	.22410	F 4.4423	F<.00000
Stddev	.00227	.010	.00023	.0771	.43919
%RSD	1.0691	.1815	.10476	1.7348	48.697

#1	.21388	5.376	.22394	4.3878	-1.2124
#2	.21067	5.362	.22427	4.4968	-.59132

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3151.9	43696.	4020.2	101.25	3718.8
Stddev	2.4	119.	15.7	4.22	4.5
%RSD	.07487	.27201	.39007	4.1670	.11969

#1	3150.2	43780.	4009.1	104.23	3715.7
#2	3153.6	43612.	4031.3	98.267	3722.0

Sample Name: CCV05 Acquired: 12/17/2018 16:39:49 Type: Unk
Method: P4-ICP2(v2660) 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	5.0844	4.7909	4.9370	4.9051	5.0395	10.145	9.9582	.24974
Stddev	.0111	.0068	.0113	.0009	.0117	.038	.0370	.00033
%RSD	.21821	.14168	.22948	.01758	.23176	.37590	.37121	.13191

#1	5.0765	4.7861	4.9290	4.9045	5.0312	10.118	9.9843	.24951
#2	5.0922	4.7957	4.9450	4.9057	5.0477	10.172	9.9320	.24998

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3967	27.253	1.0346	2.4180	1.2457	4.5911	2.5251	24.570
Stddev	.0066	.115	.0046	.0065	.0021	.0706	.0047	.085
%RSD	.27705	.42328	.43994	.26798	.17048	1.5369	.18782	.34490

#1	2.3920	27.335	1.0314	2.4134	1.2442	4.6410	2.5218	24.511
#2	2.4014	27.171	1.0378	2.4226	1.2472	4.5412	2.5285	24.630

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3544	1.1828	23.697	2.3519	2.4696	24.789	4.8465	4.9597
Stddev	.0051	.0007	.060	.0071	.0552	.028	.0059	.0079
%RSD	.21498	.05559	.25287	.30311	2.2353	.11113	.12187	.15992

#1	2.3508	1.1833	23.739	2.3469	2.5086	24.808	4.8423	4.9653
#2	2.3579	1.1823	23.654	2.3570	2.4305	24.769	4.8507	4.9541

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5573	5.0634	4.6843	4.8895	4.9119	4.874	5.3745	4.9906
Stddev	.0002	.0113	.0020	.0045	.0253	.004	.0449	.0572
%RSD	.00515	.22262	.04227	.09101	.51426	.0809	.83564	1.1459

#1	4.5575	5.0714	4.6857	4.8926	4.9298	4.876	5.4062	4.9501
#2	4.5572	5.0555	4.6829	4.8863	4.8940	4.871	5.3427	5.0310

Sample Name: CCV05 Acquired: 12/17/2018 16:39:49 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.1379
Stddev .3203
%RSD 10.209

#1 3.3644
#2 2.9113

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3025.8	41941.	4019.0	97.623	3361.3
Stddev	5.1	8.	25.9	2.548	5.0
%RSD	.16876	.01790	.64550	2.6099	.14897

#1	3022.2	41935.	4000.7	95.822	3357.8
#2	3029.4	41946.	4037.4	99.425	3364.9

Sample Name: CCB05 Acquired: 12/17/2018 16:43:35 Type: Unk
Method: P4-ICP2(v2660) 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	-.00129	-.00085	.00047	.00017	.00003	.00020	.00263
Stddev	.00028	.00051	.00047	.00097	.00053	.00897	.00059
%RSD	21.972	59.969	101.38	575.69	1913.2	4552.9	22.439

#1	-.00109	-.00121	.00080	-.00052	.00040	.00654	.00221
#2	-.00149	-.00049	.00013	.00085	-.00035	-.00614	.00305

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00013	-.02525	-.00066	-.00007	-.00105	.01660
Stddev	.00004	.00005	.02050	.00014	.00019	.00019	.00596
%RSD	32.125	38.624	81.212	20.563	257.83	18.090	35.906

#1	.00014	.00009	-.01075	-.00076	.00006	-.00118	.01238
#2	.00009	.00016	-.03975	-.00057	-.00021	-.00091	.02081

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.05019	-.00013	.00057	.05040	.00008	-.00234
Stddev	.00008	.00189	.00019	.00005	.00365	.00017	.00008
%RSD	84.240	3.7563	143.32	8.3397	7.2400	207.55	3.2211

#1	-.00015	-.04886	.00000	.00060	.05298	-.00004	-.00228
#2	-.00004	-.05152	-.00027	.00054	.04782	.00020	-.00239

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03850	.00007	-.00339	F -.01789	.00556	-.00017	.00719
Stddev	.00247	.00022	.01148	.00013	.00014	.00148	.00018
%RSD	6.4042	317.21	338.90	.70715	2.4452	857.69	2.5165

#1	-.04025	.00022	.00473	-.01780	.00546	.00087	.00732
#2	-.03676	-.00008	-.01150	-.01798	.00566	-.00122	.00706

Sample Name: CCB05 Acquired: 12/17/2018 16:43:35 Type: Unk
 Method: P4-ICP2(v2660) 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	.00034	-.0054	-.00009	F 4.2201	F .91098
Stddev	.00188	.0008	.00004	.0676	.14725
%RSD	555.86	14.44	42.549	1.6024	16.164

#1	-.00099	-.0048	-.00012	4.2679	1.0151
#2	.00167	-.0059	-.00006	4.1723	.80686

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3169.8	44035.	4051.1	100.95	3811.5
Stddev	5.1	112.	38.2	.01	8.3
%RSD	.16231	.25453	.94240	.00584	.21737

#1	3166.2	43956.	4024.1	100.94	3817.4
#2	3173.5	44114.	4078.1	100.95	3805.7

Sample Name: PB115766BL Acquired: 12/17/2018 16:47:40 Type: Unk
Method: P4-ICP2(v2660) 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	.00154	-.00009	-.00046	.00047	-.00120	-.00005	.00333	.00009
Stddev	.00022	.00088	.00088	.00099	.00004	.00580	.00003	.00001
%RSD	14.245	950.10	192.48	211.02	2.9395	10674.	.89939	6.0589

#1	.00170	-.00072	.00016	.00117	-.00123	-.00416	.00331	.00010
#2	.00139	.00053	-.00108	-.00023	-.00118	.00405	.00336	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.01965	-.00014	.00009	-.00106	.01034	-.00007	.00727
Stddev	.00006	.00845	.00007	.00001	.00001	.01415	.00001	.04444
%RSD	3636.2	43.015	52.327	9.0506	.85962	136.84	17.908	610.87

#1	-.00004	-.02562	-.00019	.00009	-.00106	.02035	-.00008	-.02415
#2	.00004	-.01367	-.00009	.00008	-.00105	.00033	-.00006	.03870

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	.00037	.03419	.00015	-.00271	.01517	-.00011	-.01277
Stddev	.00005	.00015	.00358	.00032	.00005	.00355	.00044	.00203
%RSD	13.380	40.241	10.473	208.46	1.9040	23.435	410.81	15.869

#1	-.00044	.00026	.03672	.00038	-.00267	.01768	.00020	-.01134
#2	-.00036	.00048	.03165	-.00007	-.00275	.01266	-.00042	-.01421

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01601	.00539	-.00098	.00728	-.00001	-.0047	-.00016	4.4109
Stddev	.00306	.00195	.00064	.00110	.00071	.0006	.00003	.0324
%RSD	19.126	36.122	65.401	15.069	5313.6	13.17	21.207	.73552

#1	-.01817	.00676	-.00053	.00651	.00049	-.0042	-.00018	4.4338
#2	-.01384	.00401	-.00144	.00806	-.00051	-.0051	-.00013	4.3880

Sample Name: PB115766BL Acquired: 12/17/2018 16:47:40 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .42586
Stddev .14493
%RSD 34.032

#1 .52833
#2 .32338

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3198.7	43720.	4041.5	101.08	3854.2
Stddev	67.0	121.	9.6	1.55	82.4
%RSD	2.0936	.27628	.23819	1.5332	2.1370

#1	3151.3	43635.	4048.3	102.18	3795.9
#2	3246.0	43806.	4034.7	99.983	3912.4

Sample Name: PB115766BS Acquired: 12/17/2018 16:51:45 Type: Unk
Method: P4-ICP2(v2660) 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	.81730	1.9852	1.0052	1.9699	.81816	2.0847	.22101
Stddev	.00330	.0043	.0043	.0032	.00205	.0109	.00011
%RSD	.40358	.21400	.43260	.16215	.25060	.52349	.05147

#1	.81497	1.9822	1.0083	1.9676	.81961	2.0924	.22109
#2	.81963	1.9882	1.0021	1.9721	.81671	2.0770	.22093

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20649	.19249	1.2099	.44824	.20164	.32639	2.9247
Stddev	.00076	.00028	.0200	.00069	.00007	.00012	.0183
%RSD	.36752	.14489	1.6493	.15365	.03435	.03556	.62560

#1	.20703	.19229	1.2241	.44873	.20169	.32648	2.9118
#2	.20596	.19268	1.1958	.44775	.20159	.32631	2.9376

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22277	2.1500	.49017	.07190	3.1210	.30144	.21063
Stddev	.00098	.0342	.00138	.00093	.0067	.00032	.00233
%RSD	.44086	1.5909	.28116	1.2912	.21494	.10559	1.1076

#1	.22208	2.1259	.49114	.07255	3.1257	.30122	.20898
#2	.22347	2.1742	.48919	.07124	3.1163	.30167	.21228

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.606	.40383	.29366	.32245	.98135	.63660	.20203
Stddev	.084	.00093	.00654	.00229	.01027	.00301	.00316
%RSD	.78837	.22928	2.2264	.71081	1.0462	.47355	1.5647

#1	10.665	.40448	.28904	.32083	.98861	.63447	.20426
#2	10.547	.40317	.29828	.32407	.97409	.63873	.19979

Sample Name: PB115766BS Acquired: 12/17/2018 16:51:45 Type: Unk
Method: P4-ICP2(v2660) 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	.21087	5.362	.22470	4.4231	F<.00000
Stddev	.00054	.003	.00045	.0012	.39353
%RSD	.25411	.0534	.20047	.02626	37.708

#1	.21125	5.360	.22502	4.4239	-.76537
#2	.21049	5.364	.22439	4.4223	-1.3219

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3154.8	43657.	4022.2	100.61	3721.7
Stddev	11.9	118.	11.7	.75	10.8
%RSD	.37567	.27137	.29199	.74380	.28990

#1	3146.5	43573.	4013.9	101.14	3714.0
#2	3163.2	43740.	4030.5	100.08	3729.3

Sample Name: PB115766TB Acquired: 12/17/2018 16:55:35 Type: Unk
Method: P4-ICP2(v2660) 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	-.00167	-.00350	-.00056	.00315	.00052	.01097	.00269	-.00002
Stddev	.00035	.00041	.00061	.00342	.00030	.00099	.00034	.00005
%RSD	20.772	11.674	109.68	108.79	57.635	9.0208	12.710	240.65

#1	-.00143	-.00378	-.00099	.00557	.00073	.01167	.00245	-.00006
#2	-.00192	-.00321	-.00013	.00073	.00031	.01027	.00293	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00193	.00063	-.00039	-.00152	.01443	-.00011	-.01520
Stddev	.00012	.01721	.00002	.00009	.00082	.00034	.00003	.04063
%RSD	145.69	890.55	2.7405	22.817	54.127	2.3361	23.595	267.34

#1	.00016	.01024	.00062	-.00046	-.00210	.01467	-.00009	.01353
#2	-.00000	-.01410	.00065	-.00033	-.00094	.01419	-.00012	-.04392

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00328	.00392	450.33	-.00050	.00129	.10548	-.00017	-.00738
Stddev	.00023	.00025	3.15	.00004	.00008	.08769	.00011	.00193
%RSD	7.0246	6.4488	.69999	8.3366	6.1578	83.139	65.564	26.164

#1	.00312	.00374	452.56	-.00047	.00135	.04347	-.00009	-.00875
#2	.00345	.00410	448.10	-.00053	.00124	.16749	-.00024	-.00602

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01313	.01333	.00046	.00709	.00153	-.0058	-.00010	5.3071
Stddev	.00234	.00071	.00040	.00071	.00176	.0009	.00002	.0338
%RSD	17.825	5.3242	86.498	9.9913	115.24	15.99	14.854	.63711

#1	-.01147	.01283	.00018	.00759	.00278	-.0065	-.00009	5.3310
#2	-.01478	.01383	.00075	.00659	.00028	-.0052	-.00011	5.2832

Sample Name: PB115766TB Acquired: 12/17/2018 16:55:35 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9274
Stddev .2470
%RSD 8.4378

#1 3.1020
#2 2.7527

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2943.5	39927.	4000.6	98.471	3257.1
Stddev	4.6	.	20.9	3.211	4.0
%RSD	.15592	.00088	.52205	3.2613	.12320

#1	2940.2	39927.	3985.9	96.200	3254.2
#2	2946.7	39926.	4015.4	100.74	3259.9

Sample Name: PB115765BL Acquired: 12/17/2018 16:59:45 Type: Unk
Method: P4-ICP2(v2660) 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	.00183	-.00121	-.00116	-.00008	.00022	-.00211	.00388	.00011
Stddev	.00197	.00022	.00026	.00405	.00060	.00591	.00091	.00009
%RSD	107.85	18.556	22.338	4909.5	275.45	280.00	23.507	75.871

#1	.00043	-.00137	-.00134	.00278	-.00021	-.00628	.00324	.00005
#2	.00322	-.00105	-.00098	-.00295	.00065	.00207	.00453	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00860	-.00016	.00003	-.00095	.01854	-.00010	.02106
Stddev	.00004	.01084	.00011	.00001	.00042	.00854	.00002	.02228
%RSD	267.36	126.13	73.160	32.796	44.016	46.053	17.887	105.78

#1	-.00001	-.00093	-.00008	.00002	-.00124	.01250	-.00009	.00531
#2	.00004	-.01627	-.00024	.00004	-.00065	.02457	-.00011	.03681

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.00047	.11783	-.00089	-.00274	.02283	-.00026	-.00641
Stddev	.00003	.00016	.00241	.00057	.00007	.00770	.00012	.00123
%RSD	13.130	33.593	2.0428	64.331	2.4792	33.742	45.670	19.159

#1	-.00024	.00036	.11613	-.00048	-.00269	.02828	-.00017	-.00554
#2	-.00020	.00059	.11954	-.00129	-.00279	.01738	-.00034	-.00728

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01791	.00873	-.00151	.00737	.00203	-.0045	-.00017	4.4785
Stddev	.00198	.00240	.00036	.00306	.00127	.0007	.00002	.2278
%RSD	11.031	27.466	23.912	41.474	62.595	15.64	11.817	5.0857

#1	-.01931	.00704	-.00177	.00953	.00293	-.0040	-.00016	4.6396
#2	-.01651	.01043	-.00126	.00521	.00113	-.0050	-.00019	4.3175

Sample Name: PB115765BL Acquired: 12/17/2018 16:59:45 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.1205
Stddev	.4616
%RSD	41.194

#1	.79409
#2	1.4468

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3177.4	43603.	4023.6	100.38	3839.3
Stddev	13.3	781.	6.0	.63	3.3
%RSD	.41841	1.7915	.14802	.62812	.08638

#1	3168.0	43051.	4019.3	99.933	3837.0
#2	3186.8	44156.	4027.8	100.83	3841.7

Sample Name: PB115765BS Acquired: 12/17/2018 17:03:49 Type: Unk
Method: P4-ICP2(v2660) 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	.78948	1.8837	.96152	1.8688	.78765	2.0634	.21753
Stddev	.00611	.0016	.00133	.0086	.00046	.0007	.00149
%RSD	.77409	.08639	.13828	.46027	.05839	.03466	.68654

#1	.79380	1.8848	.96246	1.8627	.78733	2.0629	.21648
#2	.78516	1.8825	.96058	1.8748	.78798	2.0639	.21859

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19376	.18352	1.1685	.44381	.19598	.31386	2.9988
Stddev	.00055	.00010	.0277	.00244	.00007	.00033	.0181
%RSD	.28449	.05560	2.3694	.55061	.03519	.10651	.60507

#1	.19415	.18344	1.1489	.44554	.19593	.31410	2.9859
#2	.19337	.18359	1.1880	.44208	.19603	.31363	3.0116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21854	2.0709	.47621	.06849	3.0849	.29800	.20796
Stddev	.00033	.0394	.00029	.00115	.0247	.00097	.00168
%RSD	.15194	1.9042	.06165	1.6733	.79985	.32468	.80565

#1	.21878	2.0988	.47642	.06768	3.0674	.29868	.20678
#2	.21831	2.0430	.47601	.06930	3.1023	.29731	.20915

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.379	.39552	.28909	-.02111	.94526	.61163	.20053
Stddev	.070	.00141	.00593	.00210	.01187	.00189	.00130
%RSD	.67703	.35575	2.0523	9.9388	1.2560	.30957	.64677

#1	10.330	.39453	.28489	-.02260	.93687	.61297	.19962
#2	10.429	.39652	.29328	-.01963	.95366	.61029	.20145

Sample Name: PB115765BS Acquired: 12/17/2018 17:03:49 Type: Unk
Method: P4-ICP2(v2660) 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	.20656	5.071	.22152	4.3509	F<.00000
Stddev	.00191	.000	.00182	.1158	.45697
%RSD	.92612	.0048	.82346	2.6613	43.242

#1	.20521	5.071	.22023	4.4327	-1.3799
#2	.20792	5.072	.22281	4.2690	-.73364

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3158.7	44166.	4058.2	98.400	3762.6
Stddev	7.9	263.	15.9	.483	8.8
%RSD	.24878	.59536	.39251	.49105	.23390

#1	3153.1	43980.	4069.5	98.742	3756.4
#2	3164.3	44352.	4047.0	98.058	3768.8

Sample Name: PB115765TB Acquired: 12/17/2018 17:07:38 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00238	.00050	.00093	-.00109	.00339	.00217	.00003
Stddev	.00109	.00023	.00048	.00194	.00172	.00619	.00082	.00006
%RSD	739.72	9.5946	95.814	208.84	157.90	182.80	37.863	184.90

#1	-.00092	-.00254	.00016	.00230	-.00231	-.00099	.00275	-.00001
#2	.00062	-.00222	.00084	-.00044	.00013	.00776	.00159	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.01285	.00053	-.00031	-.00074	.00245	-.00009	.04911
Stddev	.00001	.00096	.00039	.00020	.00041	.00310	.00001	.01530
%RSD	26.727	7.5009	74.276	63.721	55.237	126.84	13.583	31.156

#1	-.00002	-.01217	.00080	-.00045	-.00045	.00025	-.00010	.03829
#2	-.00004	-.01353	.00025	-.00017	-.00103	.00464	-.00008	.05993

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00267	.00277	413.20	-.00037	-.00000	.05672	-.00004	-.01274
Stddev	.00006	.00024	3.16	.00071	.00004	.04411	.00007	.00913
%RSD	2.2624	8.7963	.76515	190.01	4253.8	77.769	167.70	71.681

#1	.00272	.00295	415.44	.00013	-.00003	.02553	.00001	-.00628
#2	.00263	.00260	410.96	-.00088	.00003	.08791	-.00009	-.01919

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01112	.01173	-.00080	.00650	.00124	-.0056	-.00024	5.4196
Stddev	.00019	.00023	.00012	.00039	.00180	.0002	.00002	.0673
%RSD	1.7186	1.9284	15.245	5.9641	145.73	3.998	10.190	1.2418

#1	-.01126	.01157	-.00089	.00677	-.00004	-.0054	-.00022	5.3720
#2	-.01099	.01189	-.00072	.00622	.00251	-.0057	-.00025	5.4672

Sample Name: PB115765TB Acquired: 12/17/2018 17:07:38 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.1384
Stddev .5441
%RSD 25.444

#1 1.7536
#2 2.5231

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2949.9	40217.	4009.8	97.925	3269.5
Stddev	9.6	26.	28.1	.153	8.9
%RSD	.32685	.06351	.70153	.15645	.27276

#1	2943.1	40199.	3989.9	98.033	3263.2
#2	2956.7	40235.	4029.7	97.817	3275.8

Sample Name: PB115771BL Acquired: 12/17/2018 17:11:48 Type: Unk
Method: P4-ICP2(v2660) 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	.00057	-.00165	.00022	.00018	-.00158	-.00170	.00370
Stddev	.00246	.00010	.00085	.00132	.00101	.00246	.00016
%RSD	433.73	6.2883	378.07	735.78	63.990	144.66	4.4428

#1	.00230	-.00158	-.00038	.00112	-.00087	-.00344	.00359
#2	-.00117	-.00172	.00083	-.00076	-.00230	.00004	.00382

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00001	-.01228	-.00064	-.00012	-.00062	.01780
Stddev	.00003	.00003	.01106	.00008	.00009	.00001	.00359
%RSD	45.791	354.22	90.030	13.175	75.922	1.3099	20.199

#1	.00004	-.00003	-.00446	-.00070	-.00005	-.00061	.01526
#2	.00008	.00001	-.02010	-.00058	-.00018	-.00062	.02034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00919	-.00044	.00074	.12016	-.00013	-.00274
Stddev	.00001	.01815	.00014	.00039	.00330	.00011	.00010
%RSD	11.738	197.51	31.835	52.611	2.7500	83.025	3.5998

#1	-.00006	.00364	-.00034	.00101	.11782	-.00021	-.00281
#2	-.00007	-.02202	-.00054	.00046	.12249	-.00005	-.00267

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01856	-.00042	-.00668	F -.01827	.00678	-.00131	.00317
Stddev	.00184	.00027	.00025	.00023	.00082	.00012	.00138
%RSD	9.9019	64.789	3.8128	1.2433	12.065	9.4510	43.457

#1	-.01986	-.00061	-.00686	-.01811	.00736	-.00140	.00414
#2	-.01726	-.00023	-.00650	-.01843	.00620	-.00122	.00219

Sample Name: PB115771BL Acquired: 12/17/2018 17:11:48 Type: Unk
 Method: P4-ICP2(v2660) 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	-.00044	-.0039	-.00018	F 4.5038	F .64678
Stddev	.00066	.0012	.00001	.0046	.23208
%RSD	149.65	30.88	7.6457	.10117	35.882

#1	.00003	-.0047	-.00017	4.5070	.81088
#2	-.00091	-.0030	-.00019	4.5006	.48267

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3127.6	43828.	4018.8	99.238	3781.3
Stddev	38.9	39.	17.0	.230	42.4
%RSD	1.2441	.09003	.42364	.23158	1.1211

#1	3100.1	43800.	4006.7	99.400	3751.3
#2	3155.2	43856.	4030.8	99.075	3811.2

Sample Name: PB115771BS Acquired: 12/17/2018 17:15:53 Type: Unk
Method: P4-ICP2(v2660) 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	.79081	1.8923	.96554	1.8748	.79739	2.0650	.21723
Stddev	.00153	.0066	.00142	.0068	.00172	.0278	.00030
%RSD	.19295	.34834	.14687	.36340	.21632	1.3460	.13890

#1	.78973	1.8970	.96454	1.8700	.79617	2.0453	.21702
#2	.79189	1.8877	.96654	1.8796	.79861	2.0846	.21744

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19389	.18390	1.1683	.44561	.19736	.31455	2.8830
Stddev	.00042	.00025	.0195	.00135	.00013	.00026	.0656
%RSD	.21508	.13666	1.6670	.30306	.06661	.08330	2.2766

#1	.19419	.18407	1.1546	.44657	.19727	.31436	2.8366
#2	.19360	.18372	1.1821	.44466	.19746	.31473	2.9294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21865	2.0467	.47591	.06866	3.1102	.30117	.20262
Stddev	.00036	.0087	.00149	.00042	.0041	.00033	.00339
%RSD	.16624	.42599	.31252	.60543	.13264	.10930	1.6709

#1	.21840	2.0529	.47696	.06895	3.1131	.30094	.20023
#2	.21891	2.0405	.47486	.06837	3.1073	.30141	.20502

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.432	.39801	.28456	F -.02118	.95169	.61308	.20225
Stddev	.001	.00034	.01400	.00340	.00337	.00102	.00222
%RSD	.00839	.08543	4.9203	16.036	.35434	.16683	1.0960

#1	10.431	.39825	.29446	-.02358	.95408	.61381	.20068
#2	10.433	.39777	.27466	-.01878	.94931	.61236	.20382

Sample Name: PB115771BS Acquired: 12/17/2018 17:15:53 Type: Unk
Method: P4-ICP2(v2660) 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	.20844	5.075	.22311	F 4.4039	F<.00000
Stddev	.00112	.003	.00036	.0172	.17699
%RSD	.53661	.0660	.16247	.39071	16.428

#1	.20923	5.078	.22285	4.4161	-.95223
#2	.20765	5.073	.22336	4.3918	-1.2025

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3160.1	44117.	4050.6	101.46	3765.8
Stddev	6.8	77.	24.2	1.27	18.3
%RSD	.21643	.17375	.59829	1.2486	.48486

#1	3155.2	44063.	4033.5	102.36	3752.9
#2	3164.9	44171.	4067.8	100.57	3778.7

Sample Name: J6210-07 Acquired: 12/17/2018 17:19:44 Type: Unk
Method: P4-ICP2(v2660) 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	.08323	-.01408	3.2437	-.01453	.01033	160.56	2.2882
Stddev	.00378	.00146	.0027	.00050	.00228	1.14	.0058
%RSD	4.5446	10.381	.08472	3.4689	22.072	.70702	.25233

#1	.08590	-.01305	3.2457	-.01489	.01194	159.76	2.2922
#2	.08056	-.01512	3.2418	-.01417	.00872	161.37	2.2841

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00756	.00824	57.955	.19191	.16607	3.1224	311.66
Stddev	.00025	.00042	.052	.00123	.00045	.0028	1.35
%RSD	3.3550	5.0391	.08974	.63851	.27096	.08842	.43464

#1	.00738	.00795	57.918	.19104	.16575	3.1205	312.61
#2	.00774	.00854	57.991	.19278	.16639	3.1244	310.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.564	34.058	.24067	.00013	6.7762	.35448	8.3461
Stddev	.057	.121	.00190	.00019	.0300	.00266	.0192
%RSD	.39171	.35525	.78888	152.38	.44192	.75078	.22942

#1	14.524	33.973	.24202	.00026	6.7974	.35260	8.3597
#2	14.604	34.144	.23933	-.00001	6.7551	.35637	8.3326

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4512	.00303	-.02047	2.3858	8.7747	.30417	2.0591
Stddev	.0461	.00013	.00819	.0034	.1741	.00067	.0096
%RSD	.61799	4.3534	39.981	.14182	1.9844	.21994	.46768

#1	7.4837	.00294	-.01468	2.3882	8.8979	.30369	2.0523
#2	7.4186	.00313	-.02626	2.3834	8.6516	.30464	2.0659

Sample Name: J6210-07 Acquired: 12/17/2018 17:19:44 Type: Unk
 Method: P4-ICP2(v2660) 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	.14312	9.105	.09940	2.4003	F<.00000
Stddev	.00098	.013	.00038	.0994	.89981
%RSD	.68536	.1437	.38667	4.1403	.97829

#1	.14381	9.096	.09967	2.3300	-91.342
#2	.14243	9.114	.09912	2.4705	-92.614

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3474.8	48472.	4807.1	96.338	3284.8
Stddev	2.9	380.	2.5	.223	1.1
%RSD	.08247	.78431	.05184	.23114	.03428

#1	3476.8	48741.	4805.3	96.181	3284.0
#2	3472.8	48203.	4808.8	96.496	3285.6

Sample Name: J6210-09 Acquired: 12/17/2018 17:23:47 Type: Unk
Method: P4-ICP2(v2660) 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	.02454	-.01394	.05897	-.00855	.00595	110.96	1.0409
Stddev	.00118	.00138	.00061	.00075	.00018	.37	.0086
%RSD	4.8056	9.9329	1.0419	8.8171	3.0806	.33038	.82160

#1	.02370	-.01296	.05853	-.00909	.00608	110.71	1.0349
#2	.02537	-.01492	.05940	-.00802	.00582	111.22	1.0470

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00769	-.00438	25.886	.19709	.15747	.10365	290.25
Stddev	.00009	.00079	.202	.00210	.00003	.00331	7.73
%RSD	1.1749	18.155	.77867	1.0632	.01812	3.1913	2.6633

#1	.00762	-.00381	25.743	.19561	.15745	.10599	284.78
#2	.00775	-.00494	26.028	.19857	.15749	.10131	295.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0019	25.480	.18597	-.00007	1.9891	.33890	.52328
Stddev	.0328	.316	.00058	.00060	.0065	.00133	.01084
%RSD	.46827	1.2414	.31446	882.22	.32643	.39267	2.0710

#1	7.0251	25.257	.18556	-.00049	1.9845	.33796	.51561
#2	6.9788	25.704	.18639	.00036	1.9937	.33984	.53094

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2016	.00073	.01065	.47993	5.1324	.01012	2.7662
Stddev	.0586	.00023	.01608	.00232	.0839	.00035	.0315
%RSD	1.1268	30.963	150.97	.48279	1.6354	3.5021	1.1382

#1	5.1601	.00057	-.00072	.48157	5.0730	.01037	2.7439
#2	5.2430	.00089	.02202	.47830	5.1917	.00987	2.7884

Sample Name: J6210-09 Acquired: 12/17/2018 17:23:47 Type: Unk
 Method: P4-ICP2(v2660) 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	.09662	8.394	-.23031	.81320	F<.00000
Stddev	.00184	.002	.00724	.13869	2.1124
%RSD	1.9091	.0188	3.1416	17.055	2.5797

#1	.09532	8.393	-.22519	.91127	-80.392
#2	.09793	8.395	-.23542	.71513	-83.380

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3940.0	54958.	5299.0	96.833	3365.1
Stddev	8.0	155.	6.9	1.948	2.8
%RSD	.20337	.28261	.13050	2.0115	.08194

#1	3934.3	54848.	5303.9	98.210	3363.1
#2	3945.6	55068.	5294.1	95.456	3367.0

Sample Name: CCV06 Acquired: 12/17/2018 17:31:49 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9577	4.6959	4.8465	4.7543	4.9191	10.069	9.6879	.24710
Stddev	.0153	.0024	.0060	.0118	.0015	.266	.0270	.00822
%RSD	.30892	.05044	.12283	.24902	.03105	2.6407	.27876	3.3263
#1	4.9685	4.6942	4.8507	4.7627	4.9180	10.257	9.7070	.25291
#2	4.9469	4.6976	4.8423	4.7459	4.9202	9.8807	9.6688	.24129
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3508	26.666	1.0360	2.3736	1.2170	4.6303	2.5169	24.116
Stddev	.0043	.002	.0394	.0034	.0001	.0462	.0895	.067
%RSD	.18394	.00603	3.7990	.14278	.00426	.99702	3.5565	.27805
#1	2.3538	26.668	1.0638	2.3760	1.2170	4.5976	2.5802	24.069
#2	2.3477	26.665	1.0081	2.3712	1.2170	4.6629	2.4536	24.164
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3063	1.1715	23.126	2.3380	2.5238	24.246	4.7363	4.8215
Stddev	.0048	.0379	.027	.0807	.0092	.068	.0017	.0026
%RSD	.20864	3.2344	.11865	3.4502	.36435	.28033	.03584	.05313
#1	2.3097	1.1983	23.145	2.3951	2.5303	24.294	4.7375	4.8233
#2	2.3029	1.1447	23.106	2.2810	2.5173	24.198	4.7351	4.8197
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4344	4.9961	4.5883	4.7640	4.7949	4.766	5.2395	5.1231
Stddev	.0162	.0409	.0026	.0008	.0125	.015	.0121	.3314
%RSD	.36559	.81814	.05598	.01666	.26102	.3145	.23133	6.4689
#1	4.4459	5.0250	4.5901	4.7646	4.8038	4.776	5.2481	5.3574
#2	4.4230	4.9672	4.5865	4.7634	4.7861	4.755	5.2309	4.8887

Sample Name: CCV06 Acquired: 12/17/2018 17:31:49 Type: Unk
 Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7414
Stddev	.2458
%RSD	8.9680

#1	2.5675
#2	2.9152

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3057.2	41646.	4031.8	94.941	3393.0
Stddev	7.2	1315.	17.2	.438	7.6
%RSD	.23632	3.1576	.42575	.46174	.22517

#1	3052.1	40716.	4019.7	94.631	3387.6
#2	3062.3	42576.	4044.0	95.251	3398.4

Sample Name: CCB06 Acquired: 12/17/2018 17:35:36 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	-.00027	-.00041	.00093	.00140	-.00305	.00277
Stddev	.00065	.00005	.00012	.00387	.00099	.00502	.00014
%RSD	36.119	19.881	27.996	414.70	70.852	164.46	4.9566

#1	.00133	-.00023	-.00033	.00367	.00070	-.00660	.00286
#2	.00225	-.00031	-.00050	-.00180	.00210	.00050	.00267

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00010	.00347	-.00023	.00017	-.00123	.00727
Stddev	.00003	.00008	.00215	.00051	.00007	.00045	.00460
%RSD	35.559	82.356	61.912	219.03	42.394	36.486	63.257

#1	.00009	.00016	.00499	-.00059	.00023	-.00155	.01053
#2	.00006	.00004	.00195	.00013	.00012	-.00091	.00402

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.01931	-.00038	.00060	.02710	-.00013	-.00203
Stddev	.00008	.00141	.00003	.00043	.00316	.00021	.00003
%RSD	470.32	7.2801	8.1599	70.643	11.644	161.28	1.6282

#1	-.00004	-.01831	-.00041	.00030	.02487	-.00028	-.00201
#2	.00008	-.02030	-.00036	.00090	.02933	.00002	-.00205

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03699	-.00007	-.01288	F -.01693	.00668	-.00093	.00402
Stddev	.00440	.00036	.00659	.00165	.00153	.00064	.00041
%RSD	11.883	515.33	51.211	9.7341	22.922	68.659	10.127

#1	-.04010	.00019	-.00821	-.01810	.00776	-.00138	.00430
#2	-.03388	-.00033	-.01754	-.01577	.00560	-.00048	.00373

Sample Name: CCB06 Acquired: 12/17/2018 17:35:36 Type: Unk
Method: P4-ICP2(v2660) 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	-.00039	-.0051	-.00020	F 4.4869	F 1.0968
Stddev	.00068	.0024	.00000	.4750	.7220
%RSD	173.91	47.18	1.1139	10.586	65.828

#1	-.00088	-.0034	-.00020	4.8227	.58629
#2	.00009	-.0068	-.00020	4.1510	1.6074

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3212.3	43219.	4074.0	100.95	3870.1
Stddev	10.2	2203.	33.5	1.00	14.1
%RSD	.31751	5.0974	.82341	.98651	.36327

#1	3219.5	41661.	4050.3	101.65	3880.0
#2	3205.1	44777.	4097.7	100.24	3860.1

Sample Name: J6250-03 Acquired: 12/17/2018 17:39:42 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00204	-.00022	-.00063	-.00064	-.00187	-.00077	.01504	.00009
Stddev	.00174	.00012	.00065	.00033	.00116	.00308	.00013	.00002
%RSD	85.250	55.587	103.50	52.471	61.929	398.05	.86054	28.088

#1	.00326	-.00031	-.00017	-.00040	-.00105	.00140	.01513	.00007
#2	.00081	-.00013	-.00109	-.00087	-.00269	-.00295	.01495	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	11.785	-.00056	.00005	-.00117	-.00163	.01423	1.9404
Stddev	.00000	.035	.00005	.00009	.00026	.02361	.00001	.0181
%RSD	2.4368	.29767	8.1359	188.53	21.960	1447.2	.03646	.93342

#1	.00013	11.810	-.00053	-.00002	-.00099	-.01833	.01423	1.9275
#2	.00013	11.760	-.00060	.00011	-.00135	.01506	.01423	1.9532

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	.00078	28.372	-.00017	.02114	.76458	-.00038	.01294
Stddev	.00034	.00021	.229	.00010	.00110	.02291	.00013	.00052
%RSD	51.080	27.439	.80715	59.311	5.2214	2.9966	34.752	3.9909

#1	.00042	.00063	28.534	-.00010	.02192	.78078	-.00029	.01257
#2	.00090	.00093	28.210	-.00025	.02036	.74838	-.00048	.01330

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1752	1.8453	-.00246	.00535	-.00499	-.0046	.04328	4.1829
Stddev	.0793	.0052	.00051	.00100	.00031	.0011	.00006	.0931
%RSD	3.6437	.28145	20.654	18.685	6.1861	24.20	.14733	2.2249

#1	2.2312	1.8490	-.00282	.00606	-.00478	-.0038	.04324	4.2487
#2	2.1192	1.8416	-.00210	.00464	-.00521	-.0054	.04333	4.1170

Sample Name: J6250-03 Acquired: 12/17/2018 17:39:42 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5692
Stddev .2203
%RSD 14.038

#1 1.4134
#2 1.7249

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3176.8	44849.	4185.7	103.95	3795.4
Stddev	106.3	272.	24.7	3.09	131.2
%RSD	3.3476	.60645	.58897	2.9756	3.4558

#1	3101.6	44656.	4168.2	101.77	3702.7
#2	3252.0	45041.	4203.1	106.14	3888.1

Sample Name: J6250-09 Acquired: 12/17/2018 17:43:45 Type: Unk
Method: P4-ICP2(v2660) 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	.00050	.00021	-.00204	-.00179	-.00124	.00944	.01178	.00010
Stddev	.00350	.00017	.00005	.00342	.00103	.01752	.00107	.00000
%RSD	706.90	80.544	2.2157	190.86	83.122	185.54	9.0460	2.5427

#1	.00297	.00009	-.00207	-.00421	-.00051	.02183	.01102	.00010
#2	-.00198	.00033	-.00200	.00063	-.00197	-.00295	.01253	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	2.1528	.00285	.00025	-.00070	.04441	.00471	.57250
Stddev	.00003	.1019	.00164	.00007	.00012	.01200	.00003	.01494
%RSD	74.960	4.7331	57.606	29.948	16.579	27.011	.72523	2.6088

#1	.00002	2.0808	.00169	.00030	-.00062	.03593	.00473	.56194
#2	.00006	2.2249	.00401	.00019	-.00079	.05289	.00468	.58306

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00242	.00046	7.3751	-.00018	.00266	.56771	-.00017	.01131
Stddev	.00020	.00013	.4334	.00027	.00045	.04273	.00006	.00964
%RSD	8.3497	27.100	5.8763	146.60	17.069	7.5274	37.654	85.159

#1	.00228	.00037	7.0686	-.00037	.00234	.53749	-.00013	.01813
#2	.00256	.00055	7.6815	.00001	.00298	.59792	-.00022	.00450

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2889	2.9926	-.00336	.00680	-.00335	-.0042	.02093	4.0579
Stddev	.0136	.1714	.00011	.00014	.00080	.0005	.00127	.0226
%RSD	.41232	5.7281	3.2554	1.9897	24.040	11.23	6.0578	.55649

#1	3.2984	2.8714	-.00329	.00670	-.00278	-.0039	.02003	4.0739
#2	3.2793	3.1138	-.00344	.00689	-.00392	-.0045	.02183	4.0420

Sample Name: J6250-09 Acquired: 12/17/2018 17:43:45 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.4056
Stddev .5529
%RSD 39.340

#1 1.0146
#2 1.7965

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3302.4	45486.	4306.9	109.49	4053.7
Stddev	9.2	33.	234.9	8.67	17.0
%RSD	.27828	.07299	5.4533	7.9192	.41946

#1	3308.9	45510.	4472.9	115.62	4041.7
#2	3295.9	45463.	4140.8	103.36	4065.8

Sample Name: J6303-03 Acquired: 12/17/2018 17:47:48 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NR38-C1-1107 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08202	-.01994	3.9401	-.01415	.01867	158.27	1.9236
Stddev	.00225	.00157	.0212	.00580	.00146	.65	.0064
%RSD	2.7442	7.8786	.53743	41.001	7.8390	.41248	.33050

#1	.08361	-.02105	3.9551	-.01825	.01970	157.80	1.9281
#2	.08043	-.01883	3.9251	-.01005	.01763	158.73	1.9191

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01097	.00518	474.61	.39798	.17713	.83261	337.03
Stddev	.00031	.00093	1.61	.00058	.00140	.00662	6.45
%RSD	2.7880	17.994	.33892	.14524	.78975	.79460	1.9134

#1	.01075	.00584	475.75	.39839	.17811	.83729	332.47
#2	.01118	.00452	473.47	.39758	.17614	.82793	341.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0638	96.273	.47316	-.00261	31.313	.44011	3.9715
Stddev	.0007	.017	.00239	.00119	.096	.00141	.0522
%RSD	.01320	.01762	.50442	45.588	.30634	.32014	1.3157

#1	5.0643	96.285	.47485	-.00345	31.381	.44111	3.9345
#2	5.0633	96.261	.47147	-.00177	31.245	.43911	4.0084

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.038	.01597	.05826	F 13.720	4.0390	.11580	6.1444
Stddev	.179	.00025	.00854	.036	.0519	.00025	.0266
%RSD	.47117	1.5834	14.659	.26564	1.2849	.21734	.43295

#1	38.165	.01579	.05222	13.746	4.0757	.11562	6.1632
#2	37.912	.01615	.06430	13.695	4.0023	.11598	6.1256

Sample Name: J6303-03 Acquired: 12/17/2018 17:47:48 Type: Unk
 Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NR38-C1-1107 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25868	9.462	.93699	2.8330	F<.00000
Stddev	.00036	.062	.01415	.0101	.33477
%RSD	.13853	.6505	1.5106	.35791	.36738

#1	.25843	9.505	.94700	2.8402	-91.361
#2	.25894	9.418	.92698	2.8259	-90.888

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3376.0	47287.	4834.2	89.512	2919.8
Stddev	15.4	95.	34.2	1.220	17.7
%RSD	.45524	.20077	.70702	1.3633	.60775

#1	3365.1	47354.	4810.1	90.375	2907.2
#2	3386.8	47220.	4858.4	88.649	2932.3

Sample Name: J6322-15 Acquired: 12/17/2018 17:51:43 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUP-2A-C-1-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01611	-.01654	.23537	-.00652	.00417	152.75	1.3946
Stddev	.00058	.00058	.00242	.00406	.00108	1.48	.0043
%RSD	3.5977	3.5156	1.0292	62.326	25.833	.96950	.30625

#1	.01570	-.01612	.23709	-.00364	.00493	151.71	1.3976
#2	.01652	-.01695	.23366	-.00939	.00341	153.80	1.3915

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00640	-.00376	52.156	.25702	.16809	.35971	287.69
Stddev	.00005	.00055	.273	.00131	.00092	.00294	3.82
%RSD	.75539	14.498	.52286	.50934	.54547	.81754	1.3266

#1	.00636	-.00415	52.349	.25609	.16874	.35763	290.39
#2	.00643	-.00338	51.963	.25794	.16744	.36179	284.99

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4214	59.911	.28514	-.00158	8.7716	.45258	.70168
Stddev	.0315	.305	.00007	.00111	.0185	.00036	.01379
%RSD	.49118	.50880	.02618	70.485	.21117	.08023	1.9657

#1	6.3991	59.695	.28519	-.00079	8.7847	.45284	.71143
#2	6.4437	60.126	.28509	-.00237	8.7585	.45232	.69193

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.864	.00138	.02282	.61824	6.3382	.01406	4.6077
Stddev	.008	.00006	.01055	.00181	.0174	.00054	.0033
%RSD	.05646	4.4042	46.225	.29201	.27476	3.8615	.07226

#1	14.858	.00134	.03028	.61696	6.3505	.01368	4.6054
#2	14.869	.00142	.01536	.61951	6.3259	.01444	4.6101

Sample Name: J6322-15 Acquired: 12/17/2018 17:51:43 Type: Unk
 Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SUP-2A-C-1-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13783	F 12.17	-.02068	1.8954	F<.00000
Stddev	.00190	.05	.00340	.2100	.68044
%RSD	1.3819	.4285	16.427	11.082	.85657

#1	.13648	12.21	-.02308	1.7469	-78.957
#2	.13918	12.14	-.01828	2.0439	-79.919

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3704.0	51235.	5036.6	94.218	3291.1
Stddev	1.0	300.	34.7	1.900	16.1
%RSD	.02815	.58553	.68951	2.0169	.48871

#1	3703.2	51447.	5012.0	92.874	3279.7
#2	3704.7	51023.	5061.1	95.562	3302.4

Sample Name: J6322-17 Acquired: 12/17/2018 17:59:51 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUP-2A-C-2-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03192	-.01437	.74432	-.01020	.00507	169.16	1.3809
Stddev	.00626	.00040	.00175	.00211	.00140	1.01	.0009
%RSD	19.613	2.7889	.23554	20.720	27.559	.59754	.06564

#1	.02749	-.01465	.74308	-.01169	.00408	168.44	1.3803
#2	.03634	-.01409	.74556	-.00871	.00606	169.87	1.3816

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00737	-.00328	69.427	.27852	.17145	.36152	314.29
Stddev	.00013	.00008	.003	.00184	.00023	.00110	1.47
%RSD	1.7421	2.3326	.00487	.65993	.13691	.30519	.46820

#1	.00746	-.00322	69.429	.27722	.17129	.36230	313.25
#2	.00728	-.00333	69.424	.27982	.17162	.36074	315.33

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7687	58.047	.28845	-.00296	7.0083	.48501	.99763
Stddev	.0077	.283	.00172	.00023	.0045	.00048	.00332
%RSD	.11365	.48814	.59479	7.8188	.06468	.09838	.33288

#1	6.7633	57.846	.28966	-.00280	7.0115	.48467	.99528
#2	6.7741	58.247	.28724	-.00312	7.0051	.48534	.99998

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.300	.00071	.15047	1.4466	4.2627	.01624	3.5355
Stddev	.021	.00023	.00235	.0050	.0419	.00011	.0031
%RSD	.15970	32.589	1.5596	.34690	.98201	.69053	.08733

#1	13.315	.00054	.15213	1.4430	4.2923	.01632	3.5333
#2	13.285	.00087	.14881	1.4501	4.2331	.01616	3.5377

Sample Name: J6322-17 Acquired: 12/17/2018 17:59:51 Type: Unk
 Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SUP-2A-C-2-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15098	F 11.39	-.09213	2.1409	F<.00000
Stddev	.00023	.01	.00178	.1460	.17591
%RSD	.15062	.0974	1.9330	6.8172	.18438

#1	.15114	11.40	-.09087	2.0377	-95.281
#2	.15082	11.39	-.09339	2.2441	-95.530

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3678.5	50429.	4980.5	93.884	3248.6
Stddev	10.3	254.	2.6	.158	9.1
%RSD	.27944	.50277	.05154	.16782	.27888

#1	3671.2	50608.	4982.3	93.996	3242.2
#2	3685.7	50250.	4978.6	93.773	3255.1

Sample Name: J6322-19 Acquired: 12/17/2018 18:03:54 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUP-5A-C-1-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03733	-.01573	.25194	-.00791	.00533	142.85	1.2540
Stddev	.00385	.00123	.00013	.00057	.00258	.57	.0039
%RSD	10.312	7.8271	.05299	7.2527	48.318	.39697	.31375

#1	.04006	-.01486	.25185	-.00751	.00716	142.45	1.2512
#2	.03461	-.01660	.25204	-.00832	.00351	143.25	1.2568

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00693	-.00395	49.472	.26321	.16634	.34548	291.77
Stddev	.00011	.00012	.132	.00063	.00027	.00274	1.87
%RSD	1.5600	3.1433	.26580	.23795	.16516	.79420	.64039

#1	.00700	-.00386	49.379	.26366	.16615	.34354	293.09
#2	.00685	-.00404	49.565	.26277	.16654	.34742	290.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0835	57.462	.26097	-.00319	15.948	.50215	.74355
Stddev	.0082	.134	.00121	.00041	.117	.00125	.00878
%RSD	.11536	.23348	.46219	12.873	.73443	.24850	1.1815

#1	7.0778	57.368	.26182	-.00348	15.865	.50303	.74976
#2	7.0893	57.557	.26011	-.00290	16.031	.50127	.73734

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.849	.00027	.02487	1.3837	5.0813	.01308	4.3411
Stddev	.076	.00018	.01437	.0049	.0653	.00063	.0035
%RSD	.47845	65.787	57.758	.35570	1.2841	4.8137	.08143

#1	15.795	.00014	.03503	1.3872	5.1274	.01264	4.3436
#2	15.902	.00039	.01471	1.3802	5.0352	.01353	4.3386

Sample Name: J6322-19 Acquired: 12/17/2018 18:03:54 Type: Unk
 Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SUP-5A-C-1-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14787	F 10.45	-.06223	2.2242	F<.00000
Stddev	.00180	.03	.00275	.0371	1.5243
%RSD	1.2146	.2567	4.4126	1.6657	1.7674

#1	.14660	10.43	-.06417	2.1980	-87.321
#2	.14914	10.47	-.06028	2.2504	-85.165

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3685.4	50508.	4925.9	94.896	3303.5
Stddev	3.8	47.	11.0	1.094	.1
%RSD	.10317	.09402	.22380	1.1531	.00446

#1	3688.1	50474.	4918.1	94.122	3303.6
#2	3682.7	50541.	4933.7	95.670	3303.4

Sample Name: J6322-21 Acquired: 12/17/2018 18:07:58 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUP-6-C-2-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01602	-.01871	.58202	-.01123	.00634	169.54	1.4054
Stddev	.00096	.00093	.00057	.00106	.00293	.95	.0011
%RSD	5.9802	4.9485	.09799	9.4394	46.154	.56157	.08069

#1	.01669	-.01936	.58162	-.01198	.00841	168.87	1.4046
#2	.01534	-.01805	.58242	-.01048	.00427	170.21	1.4062

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00675	-.00337	50.920	.22245	.15938	.29548	307.01
Stddev	.00008	.00043	.163	.00437	.00057	.00100	1.42
%RSD	1.1452	12.635	.32048	1.9651	.35648	.33798	.46250

#1	.00681	-.00307	51.035	.21936	.15898	.29477	306.01
#2	.00670	-.00367	50.804	.22554	.15978	.29619	308.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4557	67.641	.21898	-.00272	7.2390	.47181	.95277
Stddev	.1095	.430	.00112	.00007	.0003	.00782	.00768
%RSD	1.4694	.63624	.51180	2.6420	.00342	1.6573	.80656

#1	7.3782	67.336	.21977	-.00277	7.2388	.46628	.94734
#2	7.5332	67.945	.21819	-.00267	7.2391	.47733	.95821

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.127	.00199	.05077	.87269	6.8787	.01675	6.5687
Stddev	.018	.00048	.00709	.00336	.1067	.00037	.0043
%RSD	.09082	24.307	13.974	.38482	1.5513	2.2258	.06599

#1	20.114	.00234	.04575	.87506	6.8032	.01702	6.5718
#2	20.140	.00165	.05579	.87031	6.9541	.01649	6.5656

Sample Name: J6322-21 Acquired: 12/17/2018 18:07:58 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUP-6-C-2-12 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15597	F 12.33	-.15211	1.9164	F<.00000
Stddev	.00130	.02	.00181	.0467	.02880
%RSD	.83593	.1565	1.1914	2.4389	.03120

#1	.15689	12.35	-.15083	1.8834	-92.301
#2	.15505	12.32	-.15339	1.9495	-92.341

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3708.3	51169.	4971.8	95.414	3264.2
Stddev	1.4	267.	4.2	.456	7.1
%RSD	.03671	.52091	.08526	.47815	.21673

#1	3707.3	51358.	4968.8	95.736	3259.2
#2	3709.3	50981.	4974.8	95.091	3269.2

Sample Name: J6373-11 Acquired: 12/17/2018 18:12:01 Type: Unk
Method: P4-ICP2(v2660) 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	-.00165	-.00107	-.00061	.00022	-.00025	.00164	.08458	.00009
Stddev	.00110	.00100	.00052	.00011	.00049	.00683	.00138	.00009
%RSD	66.561	94.215	85.762	51.418	198.09	417.30	1.6306	96.443

#1	-.00087	-.00178	-.00024	.00030	-.00060	-.00319	.08361	.00015
#2	-.00242	-.00036	-.00098	.00014	.00010	.00647	.08556	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	1.9567	-.00005	-.00021	-.00084	.07328	.04873	.41746
Stddev	.00000	.0409	.00013	.00011	.00016	.00453	.00003	.00567
%RSD	3.1440	2.0915	297.72	51.998	19.263	6.1786	.05251	1.3591

#1	.00002	1.9278	-.00014	-.00013	-.00072	.07648	.04875	.41345
#2	.00002	1.9857	.00005	-.00029	-.00095	.07008	.04871	.42147

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00071	.96266	-.00012	.08124	1.8157	-.00018	.25776
Stddev	.00046	.00032	.00160	.00001	.00038	.0057	.00001	.01382
%RSD	416.11	45.897	.16577	12.555	.46387	.31238	6.7801	5.3601

#1	.00022	.00048	.96153	-.00013	.08097	1.8197	-.00018	.24799
#2	-.00044	.00093	.96379	-.00011	.08150	1.8117	-.00019	.26753

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83674	.09024	-.00108	.00676	-.00110	.3367	.00766	4.4056
Stddev	.00771	.00016	.00054	.00315	.00099	.0001	.00007	.0090
%RSD	.92180	.17473	49.689	46.579	89.830	.0270	.91998	.20509

#1	.84220	.09035	-.00146	.00898	-.00180	.3368	.00761	4.3992
#2	.83129	.09013	-.00070	.00453	-.00040	.3367	.00771	4.4120

Sample Name: J6373-11 Acquired: 12/17/2018 18:12:01 Type: Unk
Method: P4-ICP2(v2660) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .83632
Stddev .22433
%RSD 26.823

#1 .99494
#2 .67769

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3234.1	44481.	4115.6	103.48	3887.9
Stddev	23.1	70.	14.5	.62	11.8
%RSD	.71271	.15808	.35112	.60363	.30408

#1	3250.4	44431.	4105.3	103.92	3896.3
#2	3217.9	44530.	4125.8	103.03	3879.6

Sample Name: CCV07 Acquired: 12/17/2018 18:16:11 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14363 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0948	4.8164	4.9705	4.8831	5.0320	10.270	10.035	.25168
Stddev	.0089	.0088	.0191	.0364	.0247	.041	.033	.00083
%RSD	.17547	.18260	.38396	.74549	.49084	.40015	.33253	.32996
#1	5.1011	4.8227	4.9840	4.9088	5.0494	10.299	10.059	.25227
#2	5.0885	4.8102	4.9570	4.8573	5.0145	10.241	10.011	.25109
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4197	26.724	1.0739	2.4295	1.2488	4.7768	2.5660	25.155
Stddev	.0053	.215	.0030	.0046	.0069	.0857	.0057	.092
%RSD	.22014	.80264	.27715	.18750	.55208	1.7943	.22159	.36728
#1	2.4235	26.572	1.0760	2.4327	1.2537	4.8374	2.5701	25.089
#2	2.4159	26.876	1.0718	2.4263	1.2439	4.7162	2.5620	25.220
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3707	1.1904	23.910	2.3934	2.6228	25.165	4.8789	5.0275
Stddev	.0080	.0030	.023	.0015	.0515	.074	.0258	.0081
%RSD	.33724	.25185	.09491	.06427	1.9617	.29496	.52930	.16058
#1	2.3763	1.1925	23.926	2.3923	2.6591	25.218	4.8972	5.0218
#2	2.3650	1.1882	23.894	2.3944	2.5864	25.113	4.8606	5.0332
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5975	5.2171	4.7415	4.9045	4.9656	4.920	5.4867	5.2061
Stddev	.0145	.0361	.0101	.0247	.0126	.013	.0180	.0404
%RSD	.31506	.69253	.21382	.50321	.25323	.2545	.32798	.77527
#1	4.6077	5.1916	4.7487	4.9219	4.9745	4.929	5.4740	5.2346
#2	4.5873	5.2426	4.7343	4.8870	4.9567	4.911	5.4995	5.1775

Sample Name: CCV07 Acquired: 12/17/2018 18:16:11 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14363 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.4457
 Stddev .2243
 %RSD 6.5109

#1 3.6043
 #2 3.2870

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3087.2	42049.	3987.6	94.434	3423.1
Stddev	20.3	204.	8.0	1.975	15.4
%RSD	.65780	.48511	.19956	2.0914	.44858

#1	3072.8	41905.	3993.2	93.038	3412.3
#2	3101.6	42193.	3982.0	95.831	3434.0

Sample Name: CCB07 Acquired: 12/17/2018 18:19:56 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14363 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00262	-.00107	-.00009	-.00042	-.00072	.00039	.00390	.00010
Stddev	.00021	.00074	.00027	.00028	.00147	.00695	.00027	.00001
%RSD	8.0339	68.938	301.46	65.586	203.34	1777.1	6.9491	9.5458

#1	.00247	-.00055	.00010	-.00062	.00032	.00531	.00371	.00011
#2	.00277	-.00159	-.00028	-.00023	-.00176	-.00453	.00409	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.03262	-.00032	-.00012	-.00122	.01442	.00001	-.00180
Stddev	.00002	.01308	.00002	.00011	.00019	.00837	.00002	.00175
%RSD	45.051	40.090	4.6508	89.508	15.874	58.041	181.58	97.328

#1	.00006	-.04187	-.00031	-.00019	-.00136	.00850	-.00000	-.00056
#2	.00003	-.02337	-.00033	-.00004	-.00109	.02034	.00003	-.00304

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	.00023	-.01035	.00006	-.00198	-.02613	.00011	-.00850
Stddev	.00002	.00026	.00147	.00056	.00004	.02408	.00027	.00471
%RSD	12.584	112.89	14.157	906.67	2.1972	92.146	250.44	55.405

#1	-.00021	.00005	-.00932	-.00033	-.00195	-.04315	.00030	-.00517
#2	-.00018	.00042	-.01139	.00046	-.00202	-.00910	-.00008	-.01183

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00716	.00540	-.00057	.00681	-.00113	-.0024	-.00016	F 4.4219
Stddev	.00282	.00084	.00021	.00176	.00272	.0012	.00005	.0079
%RSD	39.370	15.557	36.398	25.904	242.15	51.13	33.511	.17952

#1	-.00516	.00480	-.00043	.00806	.00080	-.0015	-.00019	4.4163
#2	-.00915	.00599	-.00072	.00556	-.00305	-.0033	-.00012	4.4275

Sample Name: CCB07 Acquired: 12/17/2018 18:19:56 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14363 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.3475
Stddev	.1299
%RSD	9.6391

#1	1.2557
#2	1.4394

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3249.6	44271.	4051.0	101.61	3907.9
Stddev	9.2	137.	42.0	.95	11.6
%RSD	.28370	.30851	1.0377	.93365	.29598

#1	3243.1	44174.	4021.3	100.94	3899.8
#2	3256.1	44367.	4080.8	102.28	3916.1

Sample Name: J6322-23 Acquired: 12/17/2018 18:23:41 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUP-6-C-1-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03150	-.01434	.45459	-.00459	.00611	136.41	1.4768
Stddev	.00023	.00038	.00005	.00714	.00062	1.96	.0017
%RSD	.74003	2.6382	.01120	155.64	10.160	1.4340	.11157

#1	.03166	-.01407	.45463	.00046	.00567	135.03	1.4757
#2	.03133	-.01461	.45456	-.00964	.00655	137.79	1.4780

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00692	-.00402	41.987	.23486	.14207	.36716	275.53
Stddev	.00016	.00038	.183	.00459	.00083	.00042	2.96
%RSD	2.2566	9.4146	.43680	1.9527	.58553	.11422	1.0746

#1	.00681	-.00375	41.857	.23162	.14148	.36686	273.44
#2	.00703	-.00429	42.117	.23811	.14266	.36745	277.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5444	52.225	.25365	-.00228	4.1508	.48437	.72533
Stddev	.0739	.128	.00099	.00055	.0021	.00620	.00915
%RSD	.98008	.24515	.39183	24.265	.04989	1.2803	1.2609

#1	7.4921	52.316	.25294	-.00189	4.1493	.47998	.71886
#2	7.5966	52.134	.25435	-.00267	4.1522	.48875	.73179

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.274	-.00054	.03150	.58788	3.2695	.01410	4.1895
Stddev	.056	.00014	.01433	.00281	.0190	.00192	.0078
%RSD	.32479	25.320	45.495	.47801	.57957	13.594	.18715

#1	17.314	-.00064	.02137	.58986	3.2561	.01275	4.1951
#2	17.234	-.00044	.04164	.58589	3.2829	.01546	4.1840

Sample Name: J6322-23 Acquired: 12/17/2018 18:23:41 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SUP-6-C-1-12 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14294	F 12.18	-.05495	1.7654	F<.00000
Stddev	.00001	.01	.00376	.2329	.51243
%RSD	.00628	.0898	6.8396	13.194	.67785

#1	.14294	12.18	-.05229	1.6007	-75.235
#2	.14295	12.17	-.05760	1.9301	-75.960

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3756.9	52000.	5040.0	96.245	3333.4
Stddev	7.1	633.	1.7	.983	6.5
%RSD	.18875	1.2176	.03428	1.0211	.19555

#1	3751.9	52448.	5041.2	96.940	3328.8
#2	3761.9	51553.	5038.8	95.550	3338.0

Sample Name: J6340-01 Acquired: 12/17/2018 18:27:45 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-02A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02639	-.00293	.16656	-.00579	.00268	33.326	.12089
Stddev	.00042	.00075	.00106	.00127	.00022	.066	.00092
%RSD	1.6093	25.500	.63859	21.983	8.3651	.19757	.76321

#1	.02609	-.00240	.16581	-.00669	.00252	33.372	.12154
#2	.02669	-.00346	.16732	-.00489	.00284	33.279	.12023

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00413	-.00231	18.485	.12983	.04319	.14171	112.64
Stddev	.00010	.00043	.019	.00005	.00000	.00111	2.17
%RSD	2.3344	18.839	.10034	.04193	.00615	.78153	1.9246

#1	.00419	-.00200	18.498	.12979	.04319	.14093	111.11
#2	.00406	-.00261	18.472	.12987	.04320	.14249	114.17

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90735	7.5248	.04188	-.00403	.35568	.17772	1.2692
Stddev	.00002	.0761	.00019	.00027	.00480	.00163	.0273
%RSD	.00240	1.0114	.44498	6.7480	1.3501	.91626	2.1522

#1	.90734	7.4709	.04175	-.00422	.35228	.17887	1.2499
#2	.90737	7.5786	.04201	-.00384	.35907	.17657	1.2885

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1204	.00163	1.4007	.38305	5.4318	.01065	1.0874
Stddev	.0271	.00018	.0168	.00613	.0355	.00009	.0063
%RSD	1.2789	10.924	1.2009	1.6010	.65360	.80644	.58111

#1	2.1013	.00150	1.3888	.37872	5.4067	.01071	1.0829
#2	2.1396	.00176	1.4126	.38739	5.4570	.01059	1.0918

Sample Name: J6340-01 Acquired: 12/17/2018 18:27:45 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-02A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02167	1.218	-.07720	3.6522	F<.00000
Stddev	.00014	.001	.00242	.0868	.58889
%RSD	.65939	.0844	3.1410	2.3761	4.8605

#1	.02177	1.217	-.07548	3.5908	-11.699
#2	.02157	1.218	-.07891	3.7135	-12.532

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3309.0	46180.	4350.4	100.25	3687.4
Stddev	24.6	36.	.9	2.07	20.1
%RSD	.74196	.07711	.02091	2.0601	.54595

#1	3326.4	46155.	4349.8	101.71	3701.6
#2	3291.7	46205.	4351.1	98.787	3673.2

Sample Name: J6340-01DUP Acquired: 12/17/2018 18:31:44 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-02ADUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02697	-.00268	.16465	-.00438	.00296	32.968	.12010
Stddev	.00046	.00052	.00168	.00225	.00107	.556	.00089
%RSD	1.6980	19.404	1.0227	51.340	36.138	1.6875	.73903

#1	.02729	-.00231	.16584	-.00598	.00372	33.362	.11947
#2	.02664	-.00304	.16346	-.00279	.00221	32.575	.12073

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00415	-.00254	18.297	.12674	.04313	.13916	113.91
Stddev	.00008	.00019	.077	.00265	.00016	.00060	.88
%RSD	2.0246	7.5376	.42093	2.0947	.38003	.42890	.77461

#1	.00421	-.00240	18.242	.12862	.04301	.13959	113.29
#2	.00409	-.00267	18.351	.12487	.04324	.13874	114.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89349	7.3900	.04239	-.00346	.35346	.17325	1.2857
Stddev	.01671	.0503	.00036	.00050	.00361	.00431	.0103
%RSD	1.8702	.68056	.84967	14.301	1.0220	2.4858	.80235

#1	.90531	7.4256	.04213	-.00382	.35601	.17630	1.2784
#2	.88168	7.3545	.04264	-.00311	.35090	.17021	1.2930

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0879	.00160	1.4047	.38502	5.4497	.01138	1.0887
Stddev	.0032	.00000	.0151	.00006	.0068	.00046	.0122
%RSD	.15539	.05391	1.0776	.01456	.12464	4.0553	1.1191

#1	2.0902	.00160	1.3940	.38506	5.4545	.01171	1.0801
#2	2.0856	.00160	1.4154	.38498	5.4449	.01105	1.0973

Sample Name: J6340-01DUP Acquired: 12/17/2018 18:31:44 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-02ADUP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01972	1.210	-.07883	3.5025	F<.00000
Stddev	.00085	.004	.00055	.2249	.86534
%RSD	4.3173	.3385	.69465	6.4220	7.1964

#1	.01912	1.213	-.07844	3.6615	-12.637
#2	.02032	1.207	-.07922	3.3434	-11.413

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3355.3	46608.	4355.4	98.997	3707.1
Stddev	19.8	936.	10.2	.746	20.9
%RSD	.59043	2.0079	.23471	.75364	.56248

#1	3341.3	45946.	4362.6	99.524	3692.3
#2	3369.3	47270.	4348.2	98.469	3721.8

Sample Name: J6340-01LX5 Acquired: 12/17/2018 18:35:42 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00522	-.00118	.03256	-.00246	-.00078	6.5352	.02677	.00088
Stddev	.00145	.00001	.00003	.00163	.00200	.0104	.00016	.00000
%RSD	27.709	.97256	.08864	66.508	256.90	.15948	.60288	.56097

#1	.00420	-.00119	.03254	-.00361	.00064	6.5278	.02689	.00088
#2	.00625	-.00118	.03258	-.00130	-.00220	6.5426	.02666	.00089

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	4.9239	.02688	.00845	.03037	22.964	.19304	1.5669
Stddev	.00001	.0238	.00001	.00030	.00016	.048	.00020	.0334
%RSD	1.8077	.48403	.02888	3.5715	.53098	.20720	.10107	2.1326

#1	-.00051	4.9070	.02687	.00824	.03026	22.997	.19318	1.5433
#2	-.00050	4.9407	.02688	.00867	.03049	22.930	.19290	1.5906

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00796	-.00054	.04993	.03598	.25913	.35255	.00030	.30372
Stddev	.00057	.00012	.00891	.00057	.00177	.00784	.00031	.00554
%RSD	7.1917	22.096	17.835	1.5909	.68190	2.2229	100.88	1.8232

#1	.00756	-.00063	.04363	.03639	.26038	.34701	.00052	.30763
#2	.00837	-.00046	.05623	.03558	.25788	.35809	.00009	.29980

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06830	.30513	.00085	.21040	.00175	.2396	-.01597	4.1686
Stddev	.00184	.00061	.00024	.00072	.00028	.0000	.00003	.0031
%RSD	2.6874	.20026	28.258	.34358	15.680	.0131	.20819	.07506

#1	.06700	.30469	.00068	.20989	.00195	.2396	-.01595	4.1664
#2	.06960	.30556	.00102	.21091	.00156	.2396	-.01600	4.1708

Sample Name: J6340-01LX5 Acquired: 12/17/2018 18:35:42 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.8975
Stddev	.7210
%RSD	12.226

#1	5.3876
#2	6.4073

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3292.9	45187.	4196.0	102.34	3836.5
Stddev	8.0	102.	36.7	.97	2.5
%RSD	.24268	.22633	.87537	.94427	.06439

#1	3298.6	45115.	4170.1	101.66	3834.8
#2	3287.3	45260.	4222.0	103.03	3838.2

Sample Name: J6340-01MS Acquired: 12/17/2018 18:39:44 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-02AMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81777	2.0285	1.2200	1.8944	.41684	48.130	.36356
Stddev	.00373	.0063	.0062	.0015	.00233	.141	.00227
%RSD	.45600	.30978	.50571	.07807	.55835	.29400	.62385

#1	.81514	2.0241	1.2157	1.8933	.41519	48.030	.36516
#2	.82041	2.0329	1.2244	1.8954	.41849	48.230	.36195

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21009	.20071	17.477	.55608	.25661	.44201	102.01
Stddev	.00026	.00103	.008	.00043	.00119	.00451	1.63
%RSD	.12349	.51136	.04806	.07657	.46198	1.0211	1.5990

#1	.20991	.19998	17.471	.55578	.25577	.43882	103.16
#2	.21028	.20143	17.482	.55638	.25745	.44520	100.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0998	8.7573	.56436	.06745	3.5252	.46548	1.4746
Stddev	.0010	.0563	.00394	.00032	.0214	.00145	.0250
%RSD	.08918	.64291	.69748	.46859	.60739	.31232	1.6970

#1	1.1005	8.7971	.56157	.06767	3.5101	.46651	1.4923
#2	1.0991	8.7175	.56714	.06722	3.5404	.46445	1.4569

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.438	.37913	1.4107	.36686	7.9055	.66181	1.3256
Stddev	.025	.00172	.0105	.00050	.0015	.00015	.0004
%RSD	.18853	.45425	.74369	.13536	.01882	.02263	.03375

#1	13.420	.37791	1.4032	.36721	7.9044	.66171	1.3259
#2	13.456	.38034	1.4181	.36651	7.9065	.66192	1.3253

Sample Name: J6340-01MS Acquired: 12/17/2018 18:39:44 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-02AMS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24187	6.867	.18548	3.8271	F<.00000
Stddev	.00211	.026	.00136	.0460	.07422
%RSD	.87165	.3744	.73255	1.2014	.66607

#1	.24038	6.849	.18452	3.8596	-11.091
#2	.24336	6.885	.18644	3.7946	-11.195

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3347.4	46011.	4278.2	101.33	3659.9
Stddev	11.0	185.	26.7	1.96	7.2
%RSD	.32719	.40138	.62301	1.9328	.19771

#1	3355.1	45881.	4259.4	99.943	3665.0
#2	3339.6	46142.	4297.1	102.71	3654.8

Sample Name: J6340-01MSD Acquired: 12/17/2018 18:43:32 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-02AMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82554	2.0419	1.2284	1.9077	.41865	48.471	.36315
Stddev	.00360	.0098	.0067	.0174	.00237	.103	.00066
%RSD	.43580	.47763	.54987	.91385	.56652	.21282	.18148

#1	.82300	2.0350	1.2236	1.8953	.42032	48.398	.36362
#2	.82809	2.0488	1.2332	1.9200	.41697	48.544	.36269

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21056	.20192	17.521	.56015	.25815	.44502	101.84
Stddev	.00042	.00088	.014	.00122	.00066	.00102	.21
%RSD	.19774	.43704	.08134	.21709	.25584	.22972	.20901

#1	.21027	.20129	17.511	.56101	.25768	.44430	101.69
#2	.21086	.20254	17.531	.55929	.25862	.44574	101.99

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1051	8.8626	.56628	.06829	3.5360	.46762	1.4758
Stddev	.0012	.1172	.00081	.00036	.0179	.00075	.0021
%RSD	.10439	1.3228	.14293	.52496	.50485	.16030	.13974

#1	1.1059	8.7797	.56571	.06804	3.5234	.46815	1.4773
#2	1.1043	8.9455	.56685	.06855	3.5486	.46709	1.4744

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.523	.38205	1.4214	.36799	7.9646	.66755	1.3334
Stddev	.037	.00144	.0063	.00329	.0118	.00264	.0081
%RSD	.27519	.37639	.44544	.89360	.14754	.39523	.60500

#1	13.496	.38104	1.4169	.37032	7.9729	.66569	1.3277
#2	13.549	.38307	1.4258	.36567	7.9563	.66942	1.3391

Sample Name: J6340-01MSD Acquired: 12/17/2018 18:43:32 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-02AMSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24401	6.884	.18626	3.8471	F<.00000
Stddev	.00249	.018	.00067	.0919	.37176
%RSD	1.0215	.2653	.36077	2.3897	3.1683

#1	.24225	6.871	.18579	3.9121	-11.997
#2	.24577	6.897	.18674	3.7821	-11.471

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3323.5	45872.	4276.0	101.55	3645.3
Stddev	6.4	154.	4.9	.23	1.2
%RSD	.19393	.33502	.11561	.22371	.03401

#1	3328.1	45763.	4272.5	101.39	3646.2
#2	3319.0	45981.	4279.5	101.71	3644.5

Sample Name: J6340-01A Acquired: 12/17/2018 18:47:20 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7810 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82528	2.0473	1.2289	1.9017	.42069	49.380	.36383
Stddev	.00948	.0080	.0104	.0224	.00321	1.901	.00081
%RSD	1.1493	.39096	.84404	1.1767	.76266	3.8492	.22226

#1	.83199	2.0529	1.2362	1.9175	.42296	48.036	.36326
#2	.81858	2.0416	1.2215	1.8859	.41843	50.724	.36440

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21596	.20171	17.539	.57114	.25941	.44536	103.00
Stddev	.00739	.00144	.025	.02302	.00161	.00271	.15
%RSD	3.4226	.71251	.14292	4.0310	.62070	.60749	.14728

#1	.21073	.20272	17.521	.55486	.26055	.44727	103.10
#2	.22119	.20069	17.556	.58742	.25828	.44344	102.89

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1322	8.8236	.56766	.07103	3.5660	.48081	1.4912
Stddev	.0405	.0316	.00347	.00108	.0204	.01583	.0120
%RSD	3.5762	.35803	.61099	1.5239	.57212	3.2917	.80165

#1	1.1036	8.8459	.57012	.07026	3.5804	.46962	1.4997
#2	1.1609	8.8012	.56521	.07179	3.5516	.49200	1.4828

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.507	.38193	1.4192	.36765	7.9116	.66769	1.3346
Stddev	.031	.00261	.0066	.00305	.0209	.00350	.0043
%RSD	.22965	.68396	.46257	.82871	.26423	.52485	.32354

#1	13.529	.38378	1.4239	.36980	7.8968	.67017	1.3377
#2	13.485	.38008	1.4146	.36549	7.9263	.66522	1.3316

Sample Name: J6340-01A Acquired: 12/17/2018 18:47:20 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7810 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24330	6.915	.18537	3.8786	F<.00000
Stddev	.00185	.055	.00030	.3516	.16538
%RSD	.76170	.7962	.16334	9.0644	1.4514

#1	.24461	6.954	.18516	3.6300	-11.278
#2	.24198	6.876	.18559	4.1272	-11.512

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3331.6	45031.	4281.3	100.57	3648.1
Stddev	14.2	1454.	15.9	.83	12.5
%RSD	.42550	3.2289	.37134	.82745	.34135

#1	3321.6	46059.	4270.0	99.985	3639.3
#2	3341.6	44003.	4292.5	101.16	3656.9

Sample Name: J6340-02 Acquired: 12/17/2018 18:51:08 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-02B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02422	-.00485	.07753	-.01932	.01036	48.738	.14854
Stddev	.00163	.00004	.00455	.00445	.00044	.110	.00005
%RSD	6.7112	.89511	5.8650	23.032	4.2204	.22602	.03403

#1	.02537	-.00482	.07432	-.01617	.01066	48.660	.14857
#2	.02307	-.00488	.08075	-.02246	.01005	48.816	.14850

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00992	-.00753	F -12.956	.38046	.08447	.18633	362.32
Stddev	.00001	.00151	.012	.00120	.00113	.00613	5.64
%RSD	.09373	20.015	.09317	.31485	1.3421	3.2875	1.5573

#1	.00991	-.00860	-12.965	.38131	.08366	.18200	366.31
#2	.00993	-.00647	-12.948	.37962	.08527	.19066	358.33

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82832	2.5213	.09501	-.01125	.15581	.32049	.64560
Stddev	.00403	.0803	.00041	.00037	.00033	.00156	.01188
%RSD	.48658	3.1859	.42737	3.3007	.20868	.48832	1.8400

#1	.83117	2.4645	.09473	-.01151	.15558	.32159	.65400
#2	.82547	2.5781	.09530	-.01099	.15604	.31938	.63720

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5002	.00654	-.07838	.54408	4.1826	.00400	.87980
Stddev	.0208	.00014	.02437	.00845	.0700	.00077	.00120
%RSD	.83256	2.2029	31.094	1.5527	1.6731	19.228	.13670

#1	2.4855	.00644	-.06114	.53810	4.2321	.00345	.87895
#2	2.5149	.00664	-.09561	.55005	4.1331	.00454	.88065

Sample Name: J6340-02 Acquired: 12/17/2018 18:51:08 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-02B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01970	2.736	-.37085	2.5940	F<.00000
Stddev	.00089	.045	.00629	.0534	1.2504
%RSD	4.5129	1.652	1.6970	2.0576	1.1411

#1	.02033	2.704	-.37530	2.6318	-110.47
#2	.01907	2.768	-.36640	2.5563	-108.70

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3381.8	46802.	4434.6	98.743	3553.4
Stddev	28.6	185.	40.8	2.018	50.1
%RSD	.84476	.39610	.92030	2.0434	1.4087

#1	3402.0	46671.	4405.8	97.316	3588.8
#2	3361.6	46933.	4463.5	100.17	3518.0

Sample Name: J6340-03 Acquired: 12/17/2018 18:55:05 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-03A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17265	-.00841	.82453	-.00390	.01658	109.28	.95120
Stddev	.00216	.00071	.01456	.00038	.00210	.96	.00033
%RSD	1.2501	8.3908	1.7664	9.7897	12.650	.88091	.03463

#1	.17418	-.00791	.83483	-.00417	.01806	109.96	.95144
#2	.17113	-.00891	.81423	-.00363	.01510	108.60	.95097

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00753	.00141	54.129	.10185	.16806	3.3272	334.34
Stddev	.00006	.00038	.364	.00115	.00295	.0408	2.51
%RSD	.86189	27.029	.67328	1.1298	1.7554	1.2272	.74974

#1	.00758	.00168	53.872	.10266	.17015	3.3561	336.12
#2	.00749	.00114	54.387	.10103	.16597	3.2984	332.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0639	55.707	.26176	-.00602	4.0064	.71575	1.1736
Stddev	.0344	.204	.00287	.00041	.0056	.01007	.0149
%RSD	1.1240	.36612	1.0946	6.8634	.14081	1.4063	1.2689

#1	3.0882	55.563	.26379	-.00631	4.0024	.72287	1.1841
#2	3.0395	55.851	.25974	-.00572	4.0104	.70864	1.1631

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6008	.02057	-.01991	5.6630	3.4039	.05900	4.1176
Stddev	.0136	.00028	.00254	.0918	.1225	.00085	.0015
%RSD	.15773	1.3377	12.730	1.6207	3.5999	1.4356	.03548

#1	8.5912	.02076	-.01812	5.7279	3.4905	.05960	4.1186
#2	8.6104	.02038	-.02171	5.5981	3.3172	.05840	4.1165

Sample Name: J6340-03 Acquired: 12/17/2018 18:55:05 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-03A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10364	5.638	.50852	2.7126	F<.00000
Stddev	.00031	.085	.00134	.0543	.88337
%RSD	.30382	1.507	.26312	2.0028	.91389

#1	.10342	5.698	.50758	2.7510	-96.035
#2	.10386	5.578	.50947	2.6741	-97.285

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3381.3	47124.	4557.7	97.203	3381.5
Stddev	29.4	454.	3.7	.940	36.1
%RSD	.87077	.96255	.08195	.96693	1.0664

#1	3360.5	46804.	4555.0	96.538	3356.0
#2	3402.2	47445.	4560.3	97.868	3407.0

Sample Name: J6340-04 Acquired: 12/17/2018 18:58:56 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-03B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01396	-.00082	.04418	-.00474	.00062	21.136	.06322
Stddev	.00203	.00009	.00060	.00025	.00004	.156	.00070
%RSD	14.539	10.940	1.3509	5.1923	6.4342	.73621	1.1083

#1	.01540	-.00088	.04375	-.00492	.00059	21.026	.06273
#2	.01253	-.00076	.04460	-.00457	.00065	21.246	.06372

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00123	-.00148	-.17687	.05650	.00913	.02011	60.550
Stddev	.00002	.00002	.00926	.00009	.00011	.00016	.208
%RSD	1.3956	1.3179	5.2348	.16076	1.1969	.77642	.34417

#1	.00124	-.00150	-.17032	.05656	.00921	.02022	60.403
#2	.00122	-.00147	-.18342	.05644	.00905	.02000	60.697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12308	.96764	.01029	-.00226	.32746	.17322	.10186
Stddev	.00064	.01494	.00018	.00022	.00537	.00227	.00028
%RSD	.51895	1.5435	1.7032	9.7982	1.6385	1.3123	.27231

#1	.12263	.95708	.01041	-.00210	.32367	.17161	.10166
#2	.12354	.97821	.01016	-.00241	.33125	.17482	.10206

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5971	.00065	-.02843	.19714	3.2446	.00056	.36592
Stddev	.0193	.00002	.00398	.00003	.0415	.00023	.00140
%RSD	1.2058	2.8919	13.991	.01305	1.2801	41.269	.38193

#1	1.6107	.00064	-.02562	.19713	3.2740	.00040	.36690
#2	1.5835	.00067	-.03125	.19716	3.2153	.00073	.36493

Sample Name: J6340-04 Acquired: 12/17/2018 18:58:56 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-03B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01024	.5590	-.03415	3.8931	F<.00000
Stddev	.00110	.0020	.00030	.1009	.38472
%RSD	10.754	.3609	.86957	2.5909	29.334

#1	.00946	.5576	-.03436	3.8218	-1.5836
#2	.01101	.5605	-.03394	3.9644	-1.0395

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3305.5	45605.	4216.7	101.88	3833.2
Stddev	5.3	6.	.6	.02	20.7
%RSD	.15890	.01363	.01404	.01864	.53901

#1	3309.2	45609.	4217.1	101.87	3847.8
#2	3301.8	45601.	4216.2	101.89	3818.5

Sample Name: CCV08 Acquired: 12/17/2018 19:02:57 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14364 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9899	4.7861	4.9086	4.7993	4.9450	10.179	9.9670	.24898
Stddev	.0058	.0043	.0093	.0024	.0198	.017	.0137	.00013
%RSD	.11573	.08991	.18944	.04912	.40026	.16989	.13733	.05265
#1	4.9940	4.7830	4.9152	4.7976	4.9590	10.167	9.9767	.24907
#2	4.9858	4.7891	4.9020	4.8009	4.9310	10.191	9.9573	.24889
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3968	26.292	1.0595	2.4019	1.2312	4.6392	2.5354	25.036
Stddev	.0025	.155	.0010	.0032	.0011	.0076	.0001	.028
%RSD	.10477	.58991	.09601	.13501	.08923	.16332	.00302	.11101
#1	2.3986	26.182	1.0602	2.4042	1.2320	4.6338	2.5353	25.017
#2	2.3950	26.401	1.0587	2.3996	1.2305	4.6445	2.5354	25.056
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3591	1.1808	23.851	2.3848	2.5203	24.959	4.8375	4.9927
Stddev	.0053	.0018	.015	.0050	.0060	.072	.0059	.0360
%RSD	.22473	.15304	.06438	.20922	.23848	.28952	.12104	.72136
#1	2.3629	1.1820	23.862	2.3884	2.5245	24.907	4.8416	4.9673
#2	2.3554	1.1795	23.840	2.3813	2.5160	25.010	4.8333	5.0182
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5568	5.1369	4.7278	4.8915	4.9204	4.879	5.4223	4.8371
Stddev	.0066	.0353	.0162	.0102	.0007	.006	.0192	.0361
%RSD	.14413	.68664	.34260	.20783	.01353	.1237	.35395	.74562
#1	4.5614	5.1119	4.7164	4.8987	4.9199	4.874	5.4088	4.8626
#2	4.5522	5.1618	4.7393	4.8843	4.9209	4.883	5.4359	4.8116

Sample Name: CCV08 Acquired: 12/17/2018 19:02:57 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14364 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.7110
Stddev .0431
%RSD 1.1604

#1 3.7415
#2 3.6806

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3172.7	43001.	4081.9	98.893	3495.3
Stddev	8.3	92.	.1	.143	6.6
%RSD	.26280	.21295	.00244	.14421	.18795

#1	3166.9	42937.	4082.0	98.792	3490.7
#2	3178.6	43066.	4081.9	98.994	3500.0

Sample Name: CCB08 Acquired: 12/17/2018 19:06:42 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14364 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00163	-.00057	-.00015	-.00100	.00034	.00066	.00350
Stddev	.00349	.00013	.00003	.00048	.00019	.00892	.00011
%RSD	214.73	23.686	23.244	47.853	57.131	1356.4	3.2094

#1	-.00084	-.00066	-.00013	-.00134	.00047	.00697	.00342
#2	.00410	-.00047	-.00017	-.00066	.00020	-.00565	.00358

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00003	-.02414	-.00025	-.00017	-.00078	.02338
Stddev	.00002	.00006	.01754	.00033	.00009	.00066	.00373
%RSD	21.640	238.92	72.636	134.72	52.477	84.615	15.937

#1	.00006	.00007	-.01174	-.00048	-.00023	-.00125	.02601
#2	.00008	-.00002	-.03654	-.00001	-.00011	-.00032	.02074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00191	-.00025	.00059	-.00952	.00017	-.00202
Stddev	.00004	.00775	.00004	.00052	.00028	.00015	.00002
%RSD	64.901	406.36	14.839	88.701	2.9485	88.655	.75665

#1	-.00003	-.00739	-.00023	.00022	-.00932	.00028	-.00201
#2	-.00009	.00357	-.00028	.00096	-.00971	.00006	-.00203

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03429	-.00004	.00314	F -.01624	.00739	-.00038	.00715
Stddev	.00274	.00025	.00694	.00149	.00027	.00026	.00100
%RSD	8.0031	585.40	221.07	9.1608	3.6314	68.164	14.053

#1	-.03235	.00013	.00805	-.01519	.00720	-.00056	.00644
#2	-.03623	-.00022	-.00177	-.01729	.00758	-.00020	.00786

Sample Name: CCB08 Acquired: 12/17/2018 19:06:42 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14364 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00146	-.0039	-.00014	F 4.2768	F 1.0452
Stddev	.00081	.0005	.00004	.1628	.0426
%RSD	55.196	11.63	28.767	3.8054	4.0752

#1	-.00089	-.0036	-.00017	4.1617	1.0151
#2	-.00203	-.0043	-.00011	4.3918	1.0753

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3265.3	44682.	4093.2	100.88	3921.8
Stddev	22.0	72.	26.8	.19	25.5
%RSD	.67398	.16063	.65425	.19276	.64921

#1	3249.7	44733.	4112.2	100.74	3903.8
#2	3280.8	44632.	4074.3	101.02	3939.8

Sample Name: J6340-05 Acquired: 12/17/2018 19:10:48 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-04A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10881	-.00446	.94922	-.00106	.00747	78.419	.39578
Stddev	.00057	.00265	.01000	.00024	.00289	.047	.00043
%RSD	.52337	59.347	1.0535	22.528	38.686	.05940	.10796

#1	.10922	-.00633	.95629	-.00123	.00951	78.386	.39548
#2	.10841	-.00259	.94215	-.00090	.00543	78.452	.39608

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00844	.00152	5.3146	.11871	.12356	1.7096	160.12
Stddev	.00010	.00033	.0857	.00099	.00089	.0164	.03
%RSD	1.2298	21.966	1.6128	.83005	.72292	.95687	.01839

#1	.00837	.00175	5.2540	.11941	.12419	1.7212	160.10
#2	.00851	.00128	5.3752	.11801	.12293	1.6981	160.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5933	15.076	.26748	-.00147	3.3766	.29156	2.1071
Stddev	.0021	.062	.00385	.00060	.0108	.00029	.0055
%RSD	.08205	.41067	1.4406	40.876	.32111	.09832	.26130

#1	2.5948	15.032	.27021	-.00104	3.3690	.29176	2.1110
#2	2.5918	15.119	.26476	-.00189	3.3843	.29136	2.1032

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2078	.00584	-.00117	2.7834	1.4497	.06678	1.1537
Stddev	.0251	.00044	.00330	.0210	.0503	.00116	.0002
%RSD	.78139	7.4684	282.66	.75614	3.4701	1.7326	.01486

#1	3.2256	.00615	.00117	2.7983	1.4853	.06760	1.1536
#2	3.1901	.00554	-.00350	2.7686	1.4141	.06597	1.1539

Sample Name: J6340-05 Acquired: 12/17/2018 19:10:48 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-04A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04876	2.891	-.05942	2.8406	F<.00000
Stddev	.00033	.025	.00068	.1414	.49791
%RSD	.67706	.8577	1.1419	4.9772	1.9875

#1	.04852	2.908	-.05990	2.9406	-25.405
#2	.04899	2.873	-.05894	2.7406	-24.701

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3608.6	49121.	4688.1	100.05	3647.6
Stddev	39.0	205.	5.8	.45	46.4
%RSD	1.0795	.41733	.12357	.44616	1.2714

#1	3581.0	48976.	4684.0	99.738	3614.8
#2	3636.1	49266.	4692.2	100.37	3680.4

Sample Name: J6340-06 Acquired: 12/17/2018 19:14:41 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-04B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05879	-.00209	.40549	-.00282	.00540	59.683	.34223
Stddev	.00221	.00065	.00080	.00123	.00171	.105	.00080
%RSD	3.7605	31.148	.19642	43.859	31.679	.17615	.23394

#1	.06035	-.00163	.40493	-.00194	.00419	59.757	.34280
#2	.05723	-.00255	.40605	-.00369	.00661	59.609	.34166

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00426	-.00262	-3.7525	.09700	.02325	.23614	152.04
Stddev	.00007	.00012	.0117	.00006	.00023	.00055	1.84
%RSD	1.7402	4.4973	.31203	.06260	1.0092	.23225	1.2073

#1	.00421	-.00271	-3.7608	.09696	.02309	.23575	153.34
#2	.00431	-.00254	-3.7442	.09704	.02342	.23653	150.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93135	2.4683	.03352	-.00526	1.7589	.19978	.13464
Stddev	.00078	.0318	.00005	.00029	.0073	.00045	.00128
%RSD	.08332	1.2898	.13890	5.5113	.41306	.22681	.95263

#1	.93080	2.4458	.03349	-.00506	1.7537	.20010	.13555
#2	.93190	2.4908	.03355	-.00547	1.7640	.19946	.13374

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4234	.00388	-.03992	3.3314	3.5632	.01779	.90360
Stddev	.0226	.00014	.00766	.0078	.0496	.00027	.01203
%RSD	.93414	3.5783	19.197	.23507	1.3920	1.5223	1.3314

#1	2.4394	.00378	-.03450	3.3370	3.5281	.01760	.91210
#2	2.4074	.00397	-.04533	3.3259	3.5983	.01798	.89509

Sample Name: J6340-06 Acquired: 12/17/2018 19:14:41 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-04B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02333	2.031	-.10295	3.1993	F<.00000
Stddev	.00144	.009	.00211	.0014	.98310
%RSD	6.1865	.4471	2.0508	.04498	4.1943

#1	.02435	2.038	-.10445	3.2003	-24.134
#2	.02231	2.025	-.10146	3.1983	-22.744

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3369.7	46581.	4422.1	101.66	3692.1
Stddev	4.0	111.	.6	1.11	11.2
%RSD	.11922	.23877	.01428	1.0963	.30231

#1	3366.9	46502.	4421.6	100.87	3684.2
#2	3372.6	46660.	4422.5	102.45	3700.0

Sample Name: J6340-07 Acquired: 12/17/2018 19:18:38 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-05A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21318	-.00742	2.1148	-.00981	.02440	47.769	.60188
Stddev	.00008	.00029	.0033	.00038	.00096	.211	.00412
%RSD	.03533	3.8662	.15686	3.9111	3.9523	.44108	.68491

#1	.21313	-.00721	2.1124	-.00954	.02508	47.918	.60479
#2	.21323	-.00762	2.1171	-.01008	.02372	47.620	.59896

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00714	-.00470	5.7137	.23681	.06153	2.9933	344.26
Stddev	.00002	.00026	.1287	.00120	.00056	.0169	5.56
%RSD	.30644	5.5589	2.2528	.50733	.91561	.56365	1.6164

#1	.00715	-.00452	5.6227	.23765	.06113	2.9813	340.32
#2	.00712	-.00489	5.8048	.23596	.06192	3.0052	348.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5885	18.096	.14956	-.00760	.87797	.40749	.55013
Stddev	.0013	.092	.00127	.00171	.00872	.00134	.00939
%RSD	.08381	.50822	.85038	22.544	.99296	.32873	1.7072

#1	1.5894	18.161	.14867	-.00881	.88413	.40843	.54349
#2	1.5875	18.031	.15046	-.00639	.87180	.40654	.55678

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8965	.01446	-.05162	5.7984	2.5892	.12677	3.1380
Stddev	.0346	.00010	.01382	.0186	.0043	.00056	.0032
%RSD	.88776	.72480	26.782	.32016	.16737	.44461	.10260

#1	3.9209	.01439	-.06139	5.7853	2.5861	.12637	3.1403
#2	3.8720	.01453	-.04184	5.8115	2.5922	.12717	3.1357

Sample Name: J6340-07 Acquired: 12/17/2018 19:18:38 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-05A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05255	3.212	-.18906	2.4647	F<.00000
Stddev	.00027	.009	.00668	.0176	1.5457
%RSD	.50567	.2660	3.5339	.71397	1.5581

#1	.05274	3.206	-.18434	2.4523	-98.111
#2	.05236	3.218	-.19379	2.4772	-100.30

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3402.1	47309.	4524.5	98.691	3519.5
Stddev	10.5	91.	12.5	1.532	7.2
%RSD	.30877	.19144	.27620	1.5528	.20462

#1	3409.5	47245.	4515.7	99.774	3524.6
#2	3394.7	47373.	4533.3	97.607	3514.4

Sample Name: J6340-09 Acquired: 12/17/2018 19:22:31 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-05B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31386	-.01875	1.8839	-.00048	.01463	287.01	1.2174
Stddev	.00253	.00063	.0170	.00047	.00018	.30	.0067
%RSD	.80640	3.3675	.90169	98.626	1.2499	.10467	.55136

#1	.31207	-.01830	1.8718	-.00081	.01450	286.80	1.2222
#2	.31565	-.01919	1.8959	-.00014	.01476	287.22	1.2127

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01221	-.00792	18.991	.67543	.19526	.55885	639.89
Stddev	.00001	.00087	.102	.00047	.00180	.00401	10.24
%RSD	.09749	10.925	.53714	.06913	.92241	.71769	1.6007

#1	.01222	-.00731	18.919	.67510	.19399	.55601	632.65
#2	.01221	-.00853	19.063	.67576	.19654	.56168	647.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4436	78.500	.38891	-.00284	4.2294	.66273	2.1710
Stddev	.0115	.329	.00458	.00213	.0144	.00085	.0343
%RSD	.15443	.41942	1.1771	74.977	.34077	.12826	1.5796

#1	7.4355	78.733	.38567	-.00434	4.2396	.66333	2.1468
#2	7.4517	78.267	.39214	-.00133	4.2192	.66213	2.1953

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.110	.00933	.10816	F 15.700	2.0364	.16237	2.2503
Stddev	.157	.00011	.01565	.189	.0112	.00055	.0084
%RSD	.53977	1.2238	14.471	1.2062	.54937	.33753	.37395

#1	29.221	.00941	.09709	15.566	2.0443	.16198	2.2444
#2	28.999	.00925	.11923	15.834	2.0285	.16275	2.2563

Sample Name: J6340-09 Acquired: 12/17/2018 19:22:31 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-05B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.53116	F 14.99	-.37296	.60421	F<.00000
Stddev	.00181	.13	.01220	.04018	2.0380
%RSD	.34035	.8623	3.2719	6.6493	.83910

#1	.52988	14.90	-.36433	.63261	-241.44
#2	.53243	15.08	-.38159	.57580	-244.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3716.4	50665.	5102.1	92.241	3145.1
Stddev	13.0	163.	27.9	1.262	17.3
%RSD	.34895	.32126	.54771	1.3681	.54923

#1	3725.6	50550.	5082.4	93.133	3157.4
#2	3707.3	50780.	5121.9	91.349	3132.9

Sample Name: J6340-10 Acquired: 12/17/2018 19:26:34 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-06A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29624	-.00118	.01957	-.01788	.00886	115.88	.16755
Stddev	.00400	.00017	.00363	.00340	.00097	.45	.00446
%RSD	1.3517	14.536	18.552	19.020	10.907	.39199	2.6590

#1	.29341	-.00106	.02214	-.02028	.00817	115.56	.16440
#2	.29908	-.00130	.01701	-.01547	.00954	116.20	.17070

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00964	-.00786	F -12.912	.51615	.06239	.27124	327.73
Stddev	.00005	.00105	.442	.00085	.00014	.00176	9.27
%RSD	.53876	13.376	3.4209	.16380	.21699	.64774	2.8284

#1	.00960	-.00712	-12.599	.51674	.06248	.27248	321.18
#2	.00967	-.00860	-13.224	.51555	.06229	.27000	334.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3735	8.0933	.08842	-.01266	.76362	1.0179	.46421
Stddev	.0011	.3029	.00046	.00016	.02341	.0026	.01101
%RSD	.07723	3.7428	.52218	1.2888	3.0652	.25236	2.3724

#1	1.3727	7.8791	.08874	-.01278	.74707	1.0161	.45642
#2	1.3742	8.3075	.08809	-.01255	.78017	1.0197	.47200

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3439	-.00179	-.07818	.57116	1.4334	.00751	1.4233
Stddev	.2381	.00010	.00036	.00014	.0377	.00148	.0461
%RSD	2.5477	5.4137	.45783	.02407	2.6332	19.719	3.2362

#1	9.1756	-.00172	-.07843	.57126	1.4067	.00856	1.3908
#2	9.5122	-.00186	-.07793	.57107	1.4600	.00646	1.4559

Sample Name: J6340-10 Acquired: 12/17/2018 19:26:34 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-06A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09487	2.301	-.31720	3.3047	F<.00000
Stddev	.00302	.007	.00870	.0274	.84499
%RSD	3.1820	.2950	2.7426	.83036	.96263

#1	.09273	2.306	-.31105	3.3241	-87.182
#2	.09700	2.296	-.32335	3.2853	-88.377

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3251.5	44318.	4184.1	97.074	3537.0
Stddev	5.7	65.	88.6	2.029	21.4
%RSD	.17468	.14625	2.1181	2.0905	.60560

#1	3255.5	44272.	4246.8	98.509	3521.9
#2	3247.4	44363.	4121.4	95.639	3552.2

Sample Name: J6340-11 Acquired: 12/17/2018 19:30:31 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-10A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21576	-.00930	2.0318	-.00241	.03244	119.60	.75617
Stddev	.00092	.00076	.0045	.00506	.00238	.17	.00029
%RSD	.42749	8.2010	.21910	209.53	7.3438	.14299	.03779

#1	.21511	-.00876	2.0286	-.00599	.03412	119.48	.75637
#2	.21641	-.00984	2.0349	.00116	.03075	119.72	.75596

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00721	-.00185	26.628	.24738	.12291	2.0058	319.92
Stddev	.00004	.00011	.032	.00145	.00051	.0050	.25
%RSD	.51744	5.7233	.11830	.58454	.41286	.25006	.07669

#1	.00718	-.00193	26.651	.24841	.12256	2.0023	319.75
#2	.00724	-.00178	26.606	.24636	.12327	2.0094	320.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3698	37.111	.21404	-.00387	6.8763	.55796	2.2056
Stddev	.0032	.177	.00248	.00076	.0031	.00023	.0007
%RSD	.13637	.47623	1.1571	19.620	.04467	.04124	.03153

#1	2.3721	37.236	.21228	-.00334	6.8785	.55812	2.2061
#2	2.3675	36.987	.21579	-.00441	6.8741	.55780	2.2051

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4081	.00987	.04041	4.3564	3.4053	.14084	4.6349
Stddev	.0487	.00021	.00173	.0014	.0381	.00030	.0026
%RSD	.90037	2.0917	4.2717	.03261	1.1200	.20948	.05673

#1	5.3736	.00973	.03918	4.3574	3.4323	.14105	4.6331
#2	5.4425	.01002	.04163	4.3554	3.3783	.14064	4.6368

Sample Name: J6340-11 Acquired: 12/17/2018 19:30:31 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-10A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09817	4.704	-.00123	2.5058	F<.00000
Stddev	.00162	.011	.00062	.0225	.69193
%RSD	1.6513	.2303	50.377	.89575	.77880

#1	.09932	4.697	-.00167	2.5217	-89.335
#2	.09703	4.712	-.00079	2.4899	-88.356

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3441.5	47489.	4634.1	97.652	3413.5
Stddev	7.4	199.	16.2	.309	4.0
%RSD	.21457	.41970	.34851	.31639	.11749

#1	3436.3	47348.	4622.7	97.433	3410.6
#2	3446.7	47630.	4645.5	97.870	3416.3

Sample Name: J6426-06 Acquired: 12/17/2018 19:34:28 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-RB-1812 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	-.00220	-.00148	.00245	-.00153	-.00614	.00329	-.00003
Stddev	.00146	.00135	.00030	.00176	.00155	.00148	.00026	.00010
%RSD	330.79	61.371	20.376	71.913	100.93	24.053	7.9294	356.93

#1	-.00147	-.00124	-.00170	.00369	-.00263	-.00509	.00348	-.00010
#2	.00059	-.00315	-.00127	.00120	-.00044	-.00718	.00311	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00850	.00065	-.00019	-.00105	.02685	-.00000	-.01654
Stddev	.00003	.01408	.00023	.00008	.00014	.01495	.00001	.02952
%RSD	258.20	165.59	34.658	42.168	13.259	55.672	621.51	178.50

#1	-.00001	.01846	.00049	-.00025	-.00095	.01628	-.00001	-.03741
#2	.00003	-.00145	.00081	-.00014	-.00115	.03742	.00001	.00434

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.00004	-.01046	-.00017	.00112	-.02656	.00002	-.01050
Stddev	.00017	.00028	.00786	.00026	.00007	.00303	.00010	.00603
%RSD	55.761	718.35	75.196	149.92	6.2344	11.409	540.44	57.429

#1	.00019	.00016	-.00490	.00001	.00107	-.02870	-.00005	-.01476
#2	.00043	-.00023	-.01602	-.00036	.00117	-.02442	.00009	-.00623

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00162	.01435	-.00135	.00714	-.00177	-.0026	-.00018	3.7184
Stddev	.00132	.00337	.00099	.00035	.00098	.0009	.00004	.0381
%RSD	81.643	23.511	73.253	4.9578	55.376	35.31	24.021	1.0236

#1	.00255	.01673	-.00065	.00689	-.00246	-.0032	-.00015	3.6915
#2	.00068	.01196	-.00206	.00739	-.00108	-.0019	-.00022	3.7453

Sample Name: J6426-06 Acquired: 12/17/2018 19:34:28 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P001-RB-1812 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .65367
 Stddev .05065
 %RSD 7.7484

#1 .61785
 #2 .68948

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3331.4	46022.	4076.2	98.825	3956.1
Stddev	7.9	63.	74.4	1.155	29.7
%RSD	.23773	.13722	1.8251	1.1687	.75150

#1	3325.8	45977.	4023.6	99.642	3935.1
#2	3337.0	46066.	4128.8	98.008	3977.1

Sample Name: J6426-06DUP Acquired: 12/17/2018 19:38:33 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-RB-1812 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	-.00124	-.00109	.00157	-.00120	.01254	.00337	-.00002
Stddev	.00111	.00056	.00001	.00153	.00043	.02451	.00074	.00003
%RSD	193.21	45.574	1.2041	97.691	36.110	195.52	22.034	176.26

#1	-.00136	-.00163	-.00110	.00049	-.00089	.02986	.00284	.00000
#2	.00021	-.00084	-.00108	.00265	-.00150	-.00479	.00389	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.02217	.00054	-.00010	-.00075	.02199	-.00003	-.01687
Stddev	.00002	.01491	.00022	.00003	.00007	.01538	.00002	.08553
%RSD	31.938	67.275	40.547	29.177	8.6948	69.945	53.037	507.02

#1	-.00006	.03271	.00038	-.00012	-.00070	.01111	-.00002	-.07735
#2	-.00009	.01162	.00069	-.00008	-.00080	.03286	-.00004	.04361

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.00043	-.01018	-.00058	.00047	-.07782	.00001	-.00816
Stddev	.00002	.00020	.00382	.00070	.00009	.01745	.00010	.00186
%RSD	8.1693	46.502	37.522	120.34	18.311	22.420	1082.7	22.832

#1	.00024	.00057	-.00748	-.00108	.00053	-.06548	-.00006	-.00948
#2	.00021	.00029	-.01288	-.00009	.00041	-.09016	.00008	-.00684

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00303	.01306	-.00140	.00521	-.00133	-.0022	-.00003	3.6567
Stddev	.00068	.00256	.00027	.00095	.00157	.0005	.00004	.0094
%RSD	22.400	19.598	19.393	18.296	118.15	20.43	133.47	.25640

#1	-.00351	.01487	-.00121	.00453	-.00244	-.0025	-.00000	3.6633
#2	-.00255	.01125	-.00159	.00588	-.00022	-.0019	-.00006	3.6500

Sample Name: J6426-06DUP Acquired: 12/17/2018 19:38:33 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-RB-1812 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.77077
Stddev	.21084
%RSD	27.354

#1	.91986
#2	.62169

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3324.2	46165.	4122.9	100.19	3946.8
Stddev	4.8	199.	3.9	2.96	9.8
%RSD	.14411	.43072	.09519	2.9584	.24957

#1	3327.6	46025.	4125.7	98.092	3939.8
#2	3320.8	46306.	4120.2	102.28	3953.7

Sample Name: J6426-06LX5 Acquired: 12/17/2018 19:42:38 Type: Unk
Method: P4-ICP2(v2661) 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	.00038	-.00058	-.00079	.00044	.00027	-.00145	.00319	.00010
Stddev	.00011	.00063	.00025	.00069	.00036	.00146	.00010	.00005
%RSD	30.276	108.32	30.962	155.33	135.57	100.74	3.2266	50.665

#1	.00030	-.00014	-.00097	.00093	.00001	-.00248	.00326	.00007
#2	.00046	-.00102	-.00062	-.00004	.00053	-.00042	.00312	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.05169	-.00005	-.00018	-.00078	.01083	.00003	.00592
Stddev	.00002	.04930	.00003	.00023	.00006	.00429	.00001	.06551
%RSD	85.284	95.386	56.116	124.72	7.4090	39.569	22.356	1107.0

#1	.00005	.01682	-.00003	-.00002	-.00074	.01387	.00004	.05224
#2	.00001	.08655	-.00007	-.00034	-.00083	.00780	.00003	-.04041

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	.00032	-.01831	.00022	-.00102	-.07809	-.00021	-.01213
Stddev	.00032	.00021	.00849	.00036	.00001	.00452	.00002	.00642
%RSD	119.60	64.964	46.357	165.35	1.3964	5.7868	10.311	52.964

#1	-.00049	.00017	-.02432	.00047	-.00101	-.07490	-.00020	-.00759
#2	-.00004	.00046	-.01231	-.00004	-.00103	-.08129	-.00023	-.01667

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01408	.00760	-.00088	.00754	-.00141	-.0025	.00355	3.7419
Stddev	.00059	.00020	.00002	.00095	.00090	.0006	.00001	.1151
%RSD	4.1637	2.6115	2.0647	12.639	63.885	22.44	.22371	3.0747

#1	-.01449	.00774	-.00087	.00821	-.00077	-.0021	.00354	3.8233
#2	-.01366	.00746	-.00089	.00686	-.00205	-.0029	.00355	3.6606

Sample Name: J6426-06LX5 Acquired: 12/17/2018 19:42:38 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .60687
Stddev .18497
%RSD 30.479

#1 .73766
#2 .47607

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3317.0	45887.	4149.8	101.77	3916.7
Stddev	22.3	531.	32.1	1.38	34.4
%RSD	.67131	1.1581	.77328	1.3607	.87823

#1	3301.3	45511.	4127.1	100.79	3892.4
#2	3332.8	46262.	4172.5	102.75	3941.0

Sample Name: J6426-06MS Acquired: 12/17/2018 19:46:43 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-RB-1812 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73809	1.8120	.91311	1.7479	.74713	1.9141	.20909	.18424
Stddev	.00758	.0019	.00072	.0078	.00200	.0187	.00061	.00060
%RSD	1.0271	.10752	.07878	.44473	.26726	.97734	.29390	.32798

#1	.74345	1.8106	.91260	1.7534	.74854	1.9273	.20952	.18381
#2	.73273	1.8134	.91362	1.7424	.74572	1.9008	.20865	.18467

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17554	1.5061	.42753	.18706	.29844	2.8384	.20843	2.0072
Stddev	.00001	.0060	.00147	.00044	.00012	.0054	.00004	.0230
%RSD	.00648	.39630	.34428	.23738	.03999	.19007	.02138	1.1467

#1	.17553	1.5019	.42857	.18737	.29853	2.8422	.20840	1.9909
#2	.17555	1.5103	.42649	.18674	.29836	2.8346	.20847	2.0235

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45716	.06536	2.9343	.29115	.19535	9.9161	.38388	.27127
Stddev	.00006	.00087	.0058	.00233	.00044	.0166	.00015	.01184
%RSD	.01207	1.3308	.19833	.80052	.22709	.16779	.04029	4.3634

#1	.45712	.06597	2.9302	.29280	.19566	9.9043	.38399	.26290
#2	.45720	.06474	2.9384	.28951	.19503	9.9279	.38377	.27964

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00599	.92483	.59740	.19410	.19563	4.829	.20966	3.9288
Stddev	.00272	.00536	.00030	.00340	.00089	.002	.00115	.0296
%RSD	45.377	.57939	.04963	1.7516	.45614	.0395	.54884	.75252

#1	-.00791	.92105	.59761	.19169	.19626	4.827	.21047	3.9497
#2	-.00407	.92862	.59719	.19650	.19499	4.830	.20884	3.9079

Sample Name: J6426-06MS Acquired: 12/17/2018 19:46:43 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-RB-1812 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.19835
%RSD	31.331

#1	-.77333
#2	-.49282

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3282.4	45353.	4075.8	102.20	3870.4
Stddev	3.3	12.	2.0	.25	.1
%RSD	.10122	.02651	.04952	.24794	.00386

#1	3280.1	45345.	4077.2	102.02	3870.5
#2	3284.8	45362.	4074.4	102.38	3870.3

Sample Name: CCV09 Acquired: 12/17/2018 19:50:35 Type: Unk
Method: P4-ICP2(v2661) 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	5.0165	4.8805	4.9794	4.8516	4.9813	10.091	10.005	.25162
Stddev	.0025	.0002	.0034	.0125	.0051	.033	.005	.00009
%RSD	.04942	.00428	.06902	.25709	.10306	.33183	.05010	.03569
#1	5.0182	4.8806	4.9818	4.8428	4.9849	10.115	10.002	.25169
#2	5.0147	4.8804	4.9769	4.8604	4.9777	10.067	10.009	.25156
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4417	26.232	1.0638	2.4379	1.2446	4.7714	2.5621	25.405
Stddev	.0003	.080	.0024	.0001	.0000	.1012	.0024	.160
%RSD	.01193	.30574	.22658	.00320	.00194	2.1209	.09503	.63059
#1	2.4419	26.289	1.0655	2.4380	1.2446	4.6999	2.5604	25.518
#2	2.4415	26.176	1.0621	2.4379	1.2446	4.8430	2.5638	25.292
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4032	1.2013	24.242	2.4316	2.5862	25.081	4.9181	5.0551
Stddev	.0037	.0017	.052	.0016	.0463	.015	.0046	.0218
%RSD	.15385	.13950	.21435	.06547	1.7906	.05828	.09377	.43060
#1	2.4058	1.2025	24.205	2.4305	2.5535	25.070	4.9148	5.0397
#2	2.4005	1.2002	24.279	2.4327	2.6189	25.091	4.9213	5.0705
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6396	5.1728	4.8452	4.9420	4.9554	4.948	5.4025	4.5381
Stddev	.0078	.0120	.0050	.0080	.0087	.001	.0052	.0937
%RSD	.16893	.23158	.10247	.16140	.17540	.0135	.09614	2.0649
#1	4.6451	5.1643	4.8417	4.9364	4.9492	4.948	5.4061	4.6044
#2	4.6341	5.1812	4.8487	4.9477	4.9615	4.949	5.3988	4.4719

Sample Name: CCV09 Acquired: 12/17/2018 19:50:35 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.4004
Stddev	.0666
%RSD	1.9594

#1	3.4475
#2	3.3533

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3185.3	43200.	4065.3	97.257	3483.9
Stddev	7.4	131.	10.5	1.606	6.1
%RSD	.23234	.30330	.25918	1.6518	.17583

#1	3180.1	43107.	4072.7	98.393	3479.5
#2	3190.5	43293.	4057.8	96.121	3488.2

Sample Name: CCB09 Acquired: 12/17/2018 19:54:21 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7810 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00223	-.00014	-.00009	-.00322	-.00107	.00229	.00285
Stddev	.00045	.00148	.00031	.00107	.00000	.00909	.00016
%RSD	20.099	1028.2	347.63	33.236	.02640	396.47	5.5816

#1	.00254	-.00119	.00013	-.00246	-.00107	.00872	.00297
#2	.00191	.00090	-.00031	-.00398	-.00107	-.00414	.00274

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00003	-.03557	-.00040	-.00026	-.00120	.01692
Stddev	.00004	.00002	.01080	.00031	.00005	.00008	.00304
%RSD	37.658	62.892	30.351	78.305	20.617	6.7176	17.947

#1	.00013	-.00004	-.02794	-.00018	-.00023	-.00114	.01907
#2	.00007	-.00002	-.04321	-.00062	-.00030	-.00126	.01477

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.01608	-.00047	.00031	-.02757	-.00056	-.00234
Stddev	.00008	.00860	.00005	.00065	.00111	.00011	.00002
%RSD	69.738	53.461	10.972	209.77	4.0369	18.997	.75621

#1	-.00018	-.01000	-.00051	.00076	-.02836	-.00048	-.00235
#2	-.00006	-.02216	-.00044	-.00015	-.02678	-.00063	-.00233

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06566	.00006	-.01009	F -.01316	.00622	-.00034	.00602
Stddev	.00686	.00015	.01255	.00302	.00221	.00017	.00157
%RSD	10.455	235.51	124.31	22.982	35.482	49.311	26.065

#1	-.07051	.00017	-.00122	-.01530	.00777	-.00022	.00713
#2	-.06080	-.00004	-.01897	-.01102	.00466	-.00045	.00491

Sample Name: CCB09 Acquired: 12/17/2018 19:54:21 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7810 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00021	-0.0047	-0.00015	F 3.6999	F 1.3481
Stddev	.00060	.0009	.00008	.0083	.5520
%RSD	289.79	20.05	52.928	.22474	40.944

#1	.00022	-0.0053	-0.00020	3.7058	1.7384
#2	-0.00063	-0.0040	-0.00009	3.6940	.95777

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3307.2	45651.	4137.0	103.33	3935.4
Stddev	7.1	110.	39.5	.04	12.4
%RSD	.21606	.24189	.95461	.03421	.31601

#1	3312.3	45573.	4164.9	103.36	3944.2
#2	3302.2	45729.	4109.1	103.31	3926.6

Sample Name: J6426-06MSD Acquired: 12/17/2018 19:58:26 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-RB-1812 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73004	1.8059	.91116	1.7347	.74104	1.9299	.20592	.18242
Stddev	.00051	.0034	.00278	.0021	.00482	.0153	.00085	.00016
%RSD	.06995	.19113	.30529	.11894	.65102	.79358	.41354	.08719

#1	.73040	1.8035	.90919	1.7332	.73763	1.9190	.20653	.18253
#2	.72968	1.8083	.91313	1.7361	.74445	1.9407	.20532	.18231

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17544	1.4789	.42127	.18641	.29507	2.8320	.20655	2.0555
Stddev	.00120	.0023	.00116	.00092	.00019	.0062	.00016	.1023
%RSD	.68467	.15804	.27577	.49315	.06492	.21825	.07571	4.9760

#1	.17459	1.4806	.42045	.18576	.29493	2.8364	.20666	1.9832
#2	.17629	1.4773	.42209	.18706	.29520	2.8276	.20644	2.1279

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45581	.06510	2.9188	.28966	.19457	9.7391	.38241	.26963
Stddev	.00179	.00018	.0200	.00226	.00177	.0481	.00072	.00188
%RSD	.39343	.27002	.68441	.77959	.91103	.49346	.18713	.69555

#1	.45454	.06523	2.9329	.29126	.19331	9.7731	.38292	.27095
#2	.45707	.06498	2.9047	.28807	.19582	9.7052	.38191	.26830

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00501	.90110	.59893	.19452	.19287	4.809	.20536	3.6962
Stddev	.00150	.00249	.00263	.00360	.00129	.026	.00116	.0593
%RSD	29.876	.27606	.43846	1.8532	.66755	.5390	.56549	1.6055

#1	-.00607	.90286	.60079	.19707	.19378	4.791	.20618	3.6542
#2	-.00395	.89934	.59707	.19197	.19196	4.828	.20454	3.7381

Sample Name: J6426-06MSD Acquired: 12/17/2018 19:58:26 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-RB-1812 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.18526
%RSD	51.223

#1	-.23068
#2	-.49267

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3301.6	45598.	4128.9	102.47	3882.7
Stddev	15.5	28.	5.9	.19	15.1
%RSD	.47040	.06142	.14347	.18402	.38901

#1	3290.6	45578.	4124.8	102.60	3872.0
#2	3312.6	45618.	4133.1	102.33	3893.4

Sample Name: J6426-06A Acquired: 12/17/2018 20:02:18 Type: Unk
Method: P4-ICP2(v2661) 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	.73006	1.8085	.91215	1.7448	.74104	1.9298	.20507	.18201
Stddev	.00579	.0113	.00293	.0056	.00355	.0147	.00096	.00025
%RSD	.79271	.62666	.32074	.32393	.47947	.76187	.46682	.13692

#1	.72597	1.8005	.91008	1.7408	.73853	1.9194	.20439	.18219
#2	.73415	1.8165	.91421	1.7488	.74356	1.9401	.20574	.18184

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17553	1.4868	.42345	.18657	.29570	2.8392	.20662	1.9849
Stddev	.00065	.0057	.00075	.00091	.00223	.0071	.00026	.0011
%RSD	.36974	.38549	.17733	.48791	.75380	.24921	.12406	.05323

#1	.17507	1.4827	.42398	.18593	.29412	2.8442	.20680	1.9841
#2	.17598	1.4908	.42292	.18721	.29727	2.8342	.20643	1.9856

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45665	.06405	2.9095	.28937	.19674	9.7903	.38225	.27991
Stddev	.00204	.00059	.0001	.00025	.00131	.0739	.00171	.00430
%RSD	.44714	.92331	.00214	.08582	.66417	.75486	.44621	1.5371

#1	.45521	.06363	2.9094	.28920	.19582	9.7380	.38104	.27686
#2	.45809	.06447	2.9095	.28955	.19767	9.8425	.38346	.28295

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00641	.91050	.60157	.18942	.19333	4.836	.20644	3.7543
Stddev	.00020	.00934	.00196	.00279	.00096	.013	.00092	.0543
%RSD	3.1484	1.0256	.32561	1.4737	.49547	.2648	.44578	1.4463

#1	-.00655	.91710	.60019	.18744	.19265	4.827	.20579	3.7159
#2	-.00627	.90390	.60296	.19139	.19401	4.845	.20709	3.7927

Sample Name: J6426-06A Acquired: 12/17/2018 20:02:18 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.21031
%RSD	32.648

#1	-.79290
#2	-.49547

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3315.4	45831.	4132.6	101.75	3895.9
Stddev	11.5	46.	10.6	.32	14.3
%RSD	.34677	.09943	.25658	.31853	.36758

#1	3323.5	45863.	4125.1	101.98	3906.0
#2	3307.2	45798.	4140.1	101.52	3885.8

Sample Name: J6438-05 Acquired: 12/17/2018 20:06:10 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.03098	k -.07989	k .05435	k -.33485	k .02826	k 1.8897	.43096
Stddev	.00166	.00001	.00004	.00465	.00033	.0503	.00182
%RSD	5.3522	.00920	.08007	1.3899	1.1668	2.6610	.42175

#1	k -.02981	k -.07989	k .05438	k -.33156	k .02850	k 1.9253	.43224
#2	k -.03216	k -.07990	k .05432	k -.33814	k .02803	k 1.8541	.42967

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00373	k .09581	C .00000	k .00823	k .00077	k .15574	kF 943.03
Stddev	.00009	.00022	.00000	.00019	.00009	.00037	5.99
%RSD	2.4682	.23216	.00000	2.3571	11.982	.23487	.63547

#1	.00367	k .09597	C .00000	k .00809	k .00071	k .15599	k 938.79
#2	.00380	k .09565	C .00000	k .00837	k .00084	k .15548	k 947.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5915	26.736	k .03929	k -.16194	736.90	k .00447	k 1.5084
Stddev	.0125	.132	.00021	.00043	1.54	.00036	.0089
%RSD	.27133	.49204	.54343	.26591	.20848	7.9630	.58872

#1	4.5827	26.643	k .03914	k -.16164	737.99	k .00472	k 1.5022
#2	4.6003	26.829	k .03944	k -.16225	735.81	k .00422	k 1.5147

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8849	-.00536	kF -1.5434	kF 17.517	3.3198	k .01160	k .00903
Stddev	.0272	.00022	.0029	.015	.0138	.00139	.00001
%RSD	.30620	4.0661	.18642	.08288	.41674	11.999	.07466

#1	8.9041	-.00520	k -1.5455	k 17.506	3.3296	k .01061	k .00903
#2	8.8657	-.00551	k -1.5414	k 17.527	3.3101	k .01258	k .00902

Sample Name: J6438-05 Acquired: 12/17/2018 20:06:10 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01204	k .8792	k .64444	2.9589	^ *****
Stddev	.00077	.0003	.00357	.0690	-----
%RSD	6.4163	.0339	.55383	2.3326	-----
#1	.01149	k .8790	k .64696	3.0077	^ -----
#2	.01258	k .8794	k .64192	2.9101	^ -----
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.7	38008.	3932.8	87.834	2857.9
Stddev	13.3	61.	12.2	.253	11.9
%RSD	.47663	.16075	.30912	.28748	.41552
#1	2786.3	37964.	3924.2	88.013	2849.5
#2	2805.1	38051.	3941.4	87.656	2866.3

Sample Name: J6438-09 Acquired: 12/17/2018 20:10:13 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.02161	k -.02836	k .02008	k -.11663	k .01128	k 1.2872	.18029
Stddev	.00225	.00095	.00057	.00523	.00035	.0213	.00038
%RSD	10.411	3.3656	2.8575	4.4827	3.0774	1.6512	.20850

#1	k -.02002	k -.02904	k .01967	k -.11294	k .01104	k 1.2722	.18055
#2	k -.02320	k -.02769	k .02048	k -.12033	k .01153	k 1.3023	.18002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	k .04400	C .00000	k .03573	.00647	k .10426	k 337.12
Stddev	.00019	.00003	.00000	.00029	.00006	.00035	4.11
%RSD	23.237	.07762	.00000	.80468	.91519	.33488	1.2193

#1	.00067	k .04402	C .00000	k .03553	.00651	k .10450	k 334.22
#2	.00093	k .04398	C .00000	k .03593	.00642	k .10401	k 340.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0044	12.274	k .01501	k -.05782	210.90	k .00204	k 2.0380
Stddev	.0025	.086	.00019	.00052	.92	.00008	.0295
%RSD	.12543	.70222	1.2845	.89321	.43653	4.1079	1.4470

#1	2.0027	12.335	k .01487	k -.05746	211.56	k .00199	k 2.0172
#2	2.0062	12.213	k .01515	k -.05819	210.25	k .00210	k 2.0589

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.962	.00589	k -.48413	kF 15.286	k 2.7279	k .00679	k .00644
Stddev	.030	.00021	.01186	.039	.0041	.00034	.00192
%RSD	.12542	3.5152	2.4504	.25706	.15088	5.0219	29.780

#1	23.941	.00603	k -.47574	k 15.314	k 2.7308	k .00703	k .00509
#2	23.983	.00574	k -.49252	k 15.258	k 2.7249	k .00655	k .00780

Sample Name: J6438-09 Acquired: 12/17/2018 20:10:13 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01932	k .1624	k .69472	3.8240	F<.00000
Stddev	.00183	.0002	.00024	.0205	.15438
%RSD	9.4687	.1024	.03459	.53609	.19176

#1	.01802	k .1626	k .69489	3.8095	-80.614
#2	.02061	k .1623	k .69455	3.8385	-80.396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3024.9	41145.	4004.9	93.748	3277.8
Stddev	20.6	17.	19.6	.781	25.3
%RSD	.68047	.04222	.48952	.83348	.77250

#1	3010.4	41133.	3991.1	94.300	3259.9
#2	3039.5	41157.	4018.8	93.195	3295.7

Sample Name: J6438-13DLX50 Acquired: 12/17/2018 20:14:18 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00100	-.00361	-.02678	-.00955	.00352	-.03464	.06808
Stddev	.00269	.00179	.00094	.00367	.00069	.00167	.00006
%RSD	268.53	49.632	3.5134	38.389	19.611	4.8243	.08909

#1	-.00090	-.00488	-.02745	-.01214	.00401	-.03582	.06812
#2	.00290	-.00234	-.02612	-.00696	.00303	-.03346	.06803

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	-.00471	56.226	-.00933	-.00054	-.04851	186.80
Stddev	.00000	.00059	.042	.00007	.00010	.00100	3.87
%RSD	.04891	12.589	.07521	.71163	19.040	2.0526	2.0715

#1	.00041	-.00429	56.196	-.00937	-.00047	-.04780	184.07
#2	.00041	-.00513	56.256	-.00928	-.00061	-.04921	189.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5696	6.3692	-.00909	-.00859	112.09	.00124	.01965
Stddev	.0020	.0168	.00057	.00014	.23	.00027	.00041
%RSD	.12737	.26366	6.2964	1.6233	.20612	21.752	2.0808

#1	1.5710	6.3573	-.00949	-.00849	112.25	.00105	.01936
#2	1.5682	6.3811	-.00868	-.00868	111.92	.00143	.01994

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7692	-.00208	-.02700	2.8265	.74418	-.00072	.00591
Stddev	.0245	.00004	.00443	.0038	.00659	.00026	.00046
%RSD	.51323	2.1077	16.412	.13506	.88592	36.147	7.7073

#1	4.7865	-.00205	-.02386	2.8238	.73951	-.00053	.00559
#2	4.7519	-.00211	-.03013	2.8292	.74884	-.00090	.00623

Sample Name: J6438-13DLX50 Acquired: 12/17/2018 20:14:18 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00485	.0697	.19254	3.7763	F<.00000
Stddev	.00112	.0010	.00350	.0902	.75950
%RSD	23.070	1.490	1.8157	2.3893	3.3713

#1	.00406	.0704	.19501	3.8401	-23.066
#2	.00565	.0689	.19006	3.7125	-21.992

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3159.0	42954.	4098.1	97.133	3429.9
Stddev	1.3	144.	2.8	1.871	3.2
%RSD	.04043	.33485	.06920	1.9263	.09406

#1	3158.1	42852.	4100.1	98.456	3427.6
#2	3159.9	43055.	4096.1	95.810	3432.2

Sample Name: J6438-17 Acquired: 12/17/2018 20:18:20 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00011	k -.00744	k .00337	k -.01267	k -.00010	k .25737	.18615	.00006
Stddev	.00144	.00102	.00037	.00433	.00201	.00014	.00034	.00002
%RSD	1342.4	13.690	10.846	34.207	2003.7	.05563	.18283	33.020

#1	k -.00091	k -.00816	k .00311	k -.01573	k -.00152	k .25747	.18639	.00004
#2	k .00112	k -.00672	k .00363	k -.00960	k .00132	k .25727	.18591	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00426	C .00000	k .00322	k -.00025	k .01283	k 46.713	.55103	13.932
Stddev	.00005	.00000	.00022	.00034	.00051	.234	.00239	.034
%RSD	1.2023	.00000	6.7893	140.17	3.9732	.50179	.43443	.24174

#1	k .00422	C .00000	k .00337	k -.00000	k .01320	k 46.879	.55272	13.956
#2	k .00429	C .00000	k .00306	k -.00049	k .01247	k 46.547	.54933	13.908

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.00155	k -.00782	468.12	k .00046	k .26611	4.4453	.00509	k -.03734
Stddev	.00008	.00060	5.00	.00066	.00353	.0528	.00055	.00971
%RSD	4.9641	7.6788	1.0677	143.05	1.3266	1.1883	10.887	26.015

#1	k -.00149	k -.00824	471.66	k .00093	k .26861	4.4080	.00470	k -.04421
#2	k -.00160	k -.00739	464.59	k -.00001	k .26361	4.4827	.00548	k -.03047

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .66702	2.2677	k -.00055	k .00639	.00732	k .0709	k .48020	4.8006
Stddev	.00114	.0154	.00008	.00050	.00191	.0002	.00088	.0720
%RSD	.17154	.67960	14.429	7.8144	26.055	.3239	.18428	1.5001

#1	k .66621	2.2786	k -.00050	k .00603	.00597	k .0711	k .48083	4.8515
#2	k .66783	2.2568	k -.00061	k .00674	.00867	k .0707	k .47958	4.7497

Sample Name: J6438-17 Acquired: 12/17/2018 20:18:20 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.540
 Stddev .535
 %RSD 5.0711

#1 10.163
 #2 10.918

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3022.9	40742.	4050.8	98.885	3225.1
Stddev	3.2	233.	30.5	1.267	1.9
%RSD	.10549	.57154	.75277	1.2812	.05831

#1	3020.7	40577.	4029.2	97.989	3223.8
#2	3025.2	40906.	4072.3	99.780	3226.4

Sample Name: J6440-02 Acquired: 12/17/2018 20:22:28 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.01090	k -.01632	k .02219	k -.03697	k .00305	k 1.0310	1.0328
Stddev	.00148	.00112	.00206	.00246	.00014	.0050	.0044
%RSD	13.613	6.8650	9.3013	6.6527	4.7386	.48082	.42216

#1	k -.00985	k -.01712	k .02365	k -.03523	k .00316	k 1.0345	1.0359
#2	k -.01195	k -.01553	k .02073	k -.03871	k .00295	k 1.0275	1.0297

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	k .01174	C .00000	k .01396	.00486	k .25049	k 123.90
Stddev	.00007	.00006	.00000	.00037	.00009	.00002	1.58
%RSD	12.060	.51711	.00000	2.6629	1.9004	.00933	1.2773

#1	.00066	k .01170	C .00000	k .01422	.00493	k .25047	k 125.02
#2	.00056	k .01179	C .00000	k .01370	.00480	k .25050	k 122.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6045	46.755	k .00263	k -.02082	662.28	k .00356	k 1.8652
Stddev	.0145	.349	.00025	.00054	2.92	.00050	.0131
%RSD	.21947	.74544	9.3653	2.5971	.44038	14.150	.70444

#1	6.5943	46.509	k .00246	k -.02044	660.22	k .00321	k 1.8745
#2	6.6148	47.002	k .00280	k -.02120	664.34	k .00392	k 1.8560

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.768	.00170	k .10744	k 9.1730	F 12.031	k .00404	k .04521
Stddev	.021	.00006	.00035	.0029	.072	.00085	.01090
%RSD	.16323	3.2607	.32505	.03175	.60166	21.109	24.106

#1	12.754	.00174	k .10769	k 9.1751	11.980	k .00464	k .05292
#2	12.783	.00166	k .10720	k 9.1710	12.082	k .00344	k .03750

Sample Name: J6440-02 Acquired: 12/17/2018 20:22:28 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02024	k .4184	k .86607	4.8581	F<.00000
Stddev	.00194	.0016	.00324	.0028	.26124
%RSD	9.5617	.3721	.37370	.05729	8.4423

#1	.01887	k .4173	k .86835	4.8561	-2.9097
#2	.02161	k .4195	k .86378	4.8601	-3.2791

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2930.0	39278.	4016.0	95.383	3088.4
Stddev	13.1	59.	6.2	.893	11.4
%RSD	.44738	.15109	.15483	.93640	.36784

#1	2920.7	39236.	4020.4	94.751	3080.4
#2	2939.2	39320.	4011.6	96.014	3096.5

Sample Name: J6440-05 Acquired: 12/17/2018 20:26:39 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01041	-.00716	-.04322	-.00953	.00560	.02873	.31385
Stddev	.00079	.00094	.00084	.00149	.00015	.00246	.00112
%RSD	7.5625	13.186	1.9364	15.609	2.7542	8.5621	.35814

#1	-.00985	-.00783	-.04263	-.01058	.00571	.03047	.31305
#2	-.01096	-.00649	-.04381	-.00848	.00549	.02699	.31464

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	-.00792	7.3100	-.01337	.00589	-.06883	275.05
Stddev	.00006	.00121	.0527	.00075	.00033	.00343	9.12
%RSD	8.5187	15.321	.72070	5.6224	5.6114	4.9880	3.3143

#1	.00069	-.00706	7.2728	-.01283	.00612	-.06640	268.61
#2	.00062	-.00877	7.3473	-.01390	.00566	-.07125	281.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5067	2.3760	-.00424	-.00963	96.477	.00095	.04007
Stddev	.0521	.0762	.00036	.00200	.913	.00009	.00128
%RSD	1.1570	3.2064	8.5167	20.721	.94586	8.9939	3.1958

#1	4.5435	2.3221	-.00398	-.01104	95.832	.00089	.03916
#2	4.4698	2.4298	-.00449	-.00822	97.123	.00101	.04097

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4819	-.00216	-.03264	F 20.997	3.7121	-.00841	.00987
Stddev	.0456	.00004	.01108	.046	.0254	.00057	.00322
%RSD	.48106	1.8918	33.941	.21950	.68508	6.7710	32.615

#1	9.4496	-.00218	-.04047	20.965	3.6941	-.00801	.00760
#2	9.5141	-.00213	-.02481	21.030	3.7301	-.00881	.01215

Sample Name: J6440-05 Acquired: 12/17/2018 20:26:39 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00542	.0420	-.21288	3.5753	F<.00000
Stddev	.00093	.0011	.00883	.1879	.47675
%RSD	17.118	2.549	4.1493	5.2544	.85505

#1	.00477	.0412	-.20663	3.7081	-55.420
#2	.00608	.0428	-.21912	3.4424	-56.094

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3127.2	42992.	4037.3	94.408	3446.7
Stddev	3.8	620.	27.7	2.760	7.9
%RSD	.12133	1.4420	.68615	2.9232	.22937

#1	3124.5	42554.	4056.8	96.359	3441.1
#2	3129.9	43431.	4017.7	92.457	3452.3

Sample Name: J6440-08 Acquired: 12/17/2018 20:30:39 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00431	-.00401	-.00711	.00210	.00213	.05697	.12084	.00012
Stddev	.00176	.00069	.00109	.00289	.00168	.00509	.00128	.00008
%RSD	40.737	17.322	15.280	137.58	78.992	8.9370	1.0624	69.178

#1	-.00307	-.00450	-.00635	.00414	.00332	.05337	.11993	.00018
#2	-.00555	-.00352	-.00788	.00006	.00094	.06056	.12174	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	18.865	-.00014	-.00022	-.01286	57.656	.86959	6.1653
Stddev	.00003	.331	.00018	.00004	.00089	.724	.00304	.0054
%RSD	1.5698	1.7536	131.14	16.761	6.8922	1.2565	.34997	.08807

#1	-.00191	18.631	-.00001	-.00020	-.01223	57.143	.86744	6.1615
#2	-.00187	19.099	-.00026	-.00025	-.01349	58.168	.87175	6.1691

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00127	-.00193	18.275	.00047	1.0425	.98998	-.00008	-.00692
Stddev	.00017	.00003	.298	.00004	.0119	.02885	.00000	.00786
%RSD	13.496	1.5104	1.6305	7.7966	1.1420	2.9144	2.9354	113.63

#1	-.00115	-.00191	18.064	.00045	1.0340	.96957	-.00008	-.00136
#2	-.00140	-.00195	18.485	.00050	1.0509	1.0104	-.00008	-.01248

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93593	4.2011	-.00098	.00799	.00321	.0336	.06397	3.8379
Stddev	.00407	.0425	.00106	.00023	.00042	.0011	.00115	.0303
%RSD	.43449	1.0115	107.69	2.9285	13.054	3.372	1.8009	.78858

#1	.93881	4.1710	-.00023	.00815	.00351	.0344	.06315	3.8165
#2	.93306	4.2311	-.00173	.00782	.00291	.0328	.06478	3.8593

Sample Name: J6440-08 Acquired: 12/17/2018 20:30:39 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.7100
 Stddev .4473
 %RSD 16.505

#1 2.3937
 #2 3.0263

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3251.0	44614.	4099.4	99.341	3740.3
Stddev	4.1	39.	61.0	.949	9.0
%RSD	.12732	.08669	1.4883	.95512	.24039

#1	3248.0	44587.	4142.6	100.01	3733.9
#2	3253.9	44642.	4056.3	98.670	3746.6

Sample Name: J6390-04 Acquired: 12/17/2018 20:34:40 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01418	-.00475	-.02368	-.00430	.00246	-.01525	.06690
Stddev	.00455	.00111	.00052	.00640	.00013	.00307	.00075
%RSD	32.109	23.475	2.1965	148.82	5.3680	20.116	1.1142

#1	-.01096	-.00553	-.02404	-.00882	.00256	-.01308	.06637
#2	-.01740	-.00396	-.02331	.00022	.00237	-.01742	.06742

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	-.00319	48.773	-.00739	.00013	.08365	155.36
Stddev	.00013	.00003	.453	.00033	.00031	.00004	.65
%RSD	37.102	.83231	.92899	4.4650	245.79	.04473	.41997

#1	.00025	-.00321	48.453	-.00716	.00035	.08367	154.90
#2	.00043	-.00317	49.094	-.00762	-.00009	.08362	155.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9979	9.2990	-.00471	-.00766	155.88	.00079	.41451
Stddev	.0010	.0050	.00032	.00006	1.25	.00010	.00337
%RSD	.04901	.05346	6.7556	.83270	.80205	12.400	.81268

#1	1.9972	9.2955	-.00448	-.00770	155.00	.00086	.41212
#2	1.9986	9.3025	-.00493	-.00761	156.76	.00073	.41689

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5536	-.00195	.15489	F 13.623	.15644	-.00597	.00504
Stddev	.0453	.00013	.00817	.040	.00372	.00013	.00214
%RSD	1.7734	6.9001	5.2778	.29141	2.3786	2.1522	42.540

#1	2.5856	-.00186	.16067	13.595	.15907	-.00606	.00656
#2	2.5216	-.00205	.14911	13.651	.15381	-.00588	.00352

Sample Name: J6390-04 Acquired: 12/17/2018 20:34:40 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 30098 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00486	.0524	.05295	4.1656	F<.00000
Stddev	.00180	.0000	.00049	.0039	1.0990
%RSD	37.081	.0616	.92997	.09292	6.7297

#1	.00359	.0524	.05260	4.1683	-17.107
#2	.00614	.0525	.05330	4.1628	-15.553

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3091.5	42204.	4052.0	98.720	3443.9
Stddev	8.0	54.	30.9	.405	10.2
%RSD	.25730	.12907	.76379	.41024	.29597

#1	3085.9	42165.	4073.9	99.006	3436.7
#2	3097.2	42242.	4030.1	98.433	3451.1

Sample Name: CCV10 Acquired: 12/17/2018 20:38:41 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14366 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9939	4.8900	4.9567	4.8447	4.9516	10.071	9.9205	.25145
Stddev	.0046	.0134	.0113	.0100	.0168	.022	.0316	.00129
%RSD	.09248	.27291	.22770	.20717	.33966	.22273	.31881	.51323
#1	4.9972	4.8805	4.9487	4.8377	4.9397	10.055	9.8981	.25236
#2	4.9906	4.8994	4.9646	4.8518	4.9635	10.087	9.9428	.25053
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4379	25.928	1.0678	2.4266	1.2438	4.7904	2.5610	25.286
Stddev	.0048	.064	.0019	.0025	.0029	.0080	.0041	.047
%RSD	.19633	.24683	.17463	.10334	.23538	.16653	.16182	.18475
#1	2.4345	25.883	1.0665	2.4248	1.2417	4.7960	2.5639	25.319
#2	2.4413	25.973	1.0692	2.4284	1.2459	4.7847	2.5580	25.253
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4054	1.2072	24.057	2.4470	2.5628	24.838	4.9355	5.0575
Stddev	.0022	.0028	.150	.0078	.0201	.173	.0069	.0210
%RSD	.09122	.23498	.62225	.31815	.78570	.69601	.14060	.41572
#1	2.4039	1.2092	23.951	2.4525	2.5771	24.715	4.9306	5.0724
#2	2.4070	1.2052	24.163	2.4415	2.5486	24.960	4.9404	5.0427
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6716	5.1535	4.8712	4.9343	4.8875	4.963	5.3139	F 4.4893
Stddev	.0026	.0131	.0090	.0006	.0212	.013	.0290	.0269
%RSD	.05646	.25415	.18438	.01266	.43376	.2522	.54502	.59897
#1	4.6698	5.1443	4.8649	4.9339	4.8725	4.954	5.2934	4.4703
#2	4.6735	5.1628	4.8776	4.9348	4.9025	4.971	5.3344	4.5083

Sample Name: CCV10 Acquired: 12/17/2018 20:38:41 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14366 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.4307
Stddev .3370
%RSD 9.8243

#1 3.6690
#2 3.1924

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3201.1	43195.	4080.7	97.442	3494.5
Stddev	.1	73.	1.5	.974	.5
%RSD	.00232	.16868	.03650	.99955	.01335

#1	3201.0	43144.	4079.6	96.753	3494.2
#2	3201.1	43247.	4081.7	98.130	3494.8

Sample Name: CCB10 Acquired: 12/17/2018 20:42:26 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14366 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00127	-.00035	-.00072	.00038	-.00095	-.00167	.00333
Stddev	.00108	.00110	.00050	.00305	.00022	.00160	.00049
%RSD	85.388	313.61	68.436	811.98	23.355	96.347	14.846

#1	.00203	.00043	-.00107	-.00178	-.00110	-.00053	.00367
#2	.00050	-.00113	-.00037	.00253	-.00079	-.00280	.00298

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00001	-.02969	-.00012	-.00014	-.00099	.01247
Stddev	.00001	.00001	.00810	.00044	.00006	.00021	.00437
%RSD	16.199	99.044	27.277	378.82	38.903	21.417	35.054

#1	.00005	.00000	-.02396	.00019	-.00018	-.00114	.00938
#2	.00007	.00002	-.03541	-.00042	-.00010	-.00084	.01556

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.02236	-.00020	.00052	.05587	.00006	-.00224
Stddev	.00003	.01929	.00003	.00047	.00000	.00035	.00012
%RSD	66.297	86.263	16.614	89.395	.00301	577.92	5.1525

#1	-.00007	-.00872	-.00022	.00085	.05588	.00030	-.00216
#2	-.00002	-.03601	-.00017	.00019	.05587	-.00018	-.00232

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02037	.00010	-.01227	F -.01155	.00225	-.00006	.00467
Stddev	.01646	.00002	.00641	.00183	.00190	.00008	.00121
%RSD	80.796	25.280	52.251	15.829	84.311	123.39	25.877

#1	-.00873	.00012	-.01680	-.01284	.00360	-.00001	.00381
#2	-.03201	.00008	-.00773	-.01025	.00091	-.00011	.00552

Sample Name: CCB10 Acquired: 12/17/2018 20:42:26 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14366 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00273	-.0033	-.00018	F 3.5876	F .46679
Stddev	.00002	.0010	.00008	.0539	.20864
%RSD	.76132	30.40	42.777	1.5017	44.697

#1	.00274	-.0040	-.00023	3.5495	.61432
#2	.00271	-.0026	-.00012	3.6257	.31926

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3371.3	45803.	4140.6	102.34	3983.3
Stddev	13.6	35.	16.0	1.05	12.2
%RSD	.40361	.07643	.38595	1.0307	.30709

#1	3361.7	45778.	4129.3	103.08	3974.6
#2	3381.0	45828.	4151.9	101.59	3991.9

Sample Name: J6390-05 Acquired: 12/17/2018 20:46:32 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30104 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00628	-.00563	-.01229	.00094	.00086	-.02373	.25370	.00000
Stddev	.00050	.00160	.00036	.00520	.00016	.00712	.00033	.00014
%RSD	7.9475	28.474	2.9372	552.62	18.713	30.017	.12909	2871.1

#1	-.00663	-.00677	-.01203	-.00273	.00098	-.01869	.25393	.00010
#2	-.00593	-.00450	-.01254	.00461	.00075	-.02876	.25347	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00234	56.328	-.00609	-.00041	-.01966	75.049	4.8943	8.1514
Stddev	.00024	.008	.00016	.00010	.00008	1.152	.0092	.0386
%RSD	10.130	.01437	2.6060	24.821	.41202	1.5347	.18901	.47303

#1	-.00217	56.322	-.00598	-.00048	-.01971	74.235	4.8878	8.1241
#2	-.00251	56.334	-.00621	-.00034	-.01960	75.864	4.9009	8.1786

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00616	-.00230	45.192	.00059	.05053	1.7589	-.00110	-.00634
Stddev	.00023	.00027	.116	.00045	.00110	.0086	.00009	.00097
%RSD	3.7701	11.877	.25665	77.378	2.1682	.49095	8.6733	15.292

#1	-.00632	-.00210	45.274	.00091	.04975	1.7650	-.00116	-.00702
#2	-.00599	-.00249	45.110	.00027	.05130	1.7528	-.00103	-.00565

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64614	.18904	.00010	.00173	.00137	.0155	.24750	3.8876
Stddev	.00187	.00015	.00085	.00063	.00095	.0036	.00327	.0045
%RSD	.28884	.07877	813.12	36.147	69.367	22.93	1.3221	.11675

#1	.64482	.18894	-.00050	.00129	.00070	.0181	.24982	3.8908
#2	.64746	.18915	.00071	.00217	.00204	.0130	.24519	3.8844

Sample Name: J6390-05 Acquired: 12/17/2018 20:46:32 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 30104 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.85262
Stddev	.19497
%RSD	22.868

#1	.71475
#2	.99049

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3191.1	43905.	4083.7	99.464	3594.4
Stddev	1.0	55.	37.3	1.323	2.2
%RSD	.03240	.12536	.91324	1.3298	.06179

#1	3191.8	43944.	4057.3	100.40	3596.0
#2	3190.3	43866.	4110.1	98.529	3592.8

Sample Name: J6390-06 Acquired: 12/17/2018 20:50:34 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30099 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00560	-.00394	-.01084	.00284	-.00057	-.02383	.31150	.00010
Stddev	.00048	.00010	.00070	.00082	.00071	.00534	.00179	.00008
%RSD	8.5377	2.5408	6.4570	29.069	123.48	22.392	.57368	81.339

#1	-.00594	-.00401	-.01035	.00225	-.00007	-.02760	.31276	.00016
#2	-.00526	-.00386	-.01134	.00342	-.00108	-.02006	.31023	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	44.678	-.00568	-.00027	-.01611	61.079	4.0634	6.6535
Stddev	.00001	.096	.00002	.00003	.00032	.045	.0258	.0462
%RSD	.69579	.21550	.34357	9.5468	1.9581	.07380	.63416	.69460

#1	-.00188	44.610	-.00569	-.00026	-.01633	61.047	4.0452	6.6862
#2	-.00190	44.746	-.00567	-.00029	-.01589	61.111	4.0816	6.6209

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00521	-.00221	37.021	.00032	.24916	1.4251	-.00109	.00602
Stddev	.00054	.00029	.036	.00015	.00000	.0030	.00003	.00558
%RSD	10.399	13.198	.09807	47.230	.00154	.21018	2.4507	92.661

#1	-.00559	-.00201	36.995	.00042	.24917	1.4272	-.00107	.00208
#2	-.00482	-.00242	37.047	.00021	.24916	1.4230	-.00111	.00996

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57760	.15603	-.00068	.00425	-.00047	.0123	.21064	3.9112
Stddev	.00506	.00049	.00032	.00062	.00037	.0006	.00022	.1727
%RSD	.87546	.31711	47.468	14.575	77.263	5.030	.10605	4.4148

#1	.58118	.15568	-.00090	.00469	-.00021	.0119	.21048	3.7891
#2	.57402	.15638	-.00045	.00381	-.00073	.0128	.21079	4.0333

Sample Name: J6390-06 Acquired: 12/17/2018 20:50:34 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 30099 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.9695
Stddev	1.0166
%RSD	25.611

#1	4.6884
#2	3.2507

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3225.6	44377.	4137.7	101.18	3654.8
Stddev	20.5	308.	1.4	.41	21.4
%RSD	.63433	.69315	.03422	.40044	.58499

#1	3211.1	44595.	4136.7	100.90	3639.6
#2	3240.1	44160.	4138.7	101.47	3669.9

Sample Name: J6390-07 Acquired: 12/17/2018 20:54:36 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00592	-.00612	-.01240	-.00305	-.00070	-.02004	.25366	-.00003
Stddev	.00246	.00100	.00008	.00039	.00157	.00481	.00112	.00002
%RSD	41.589	16.357	.61296	12.848	225.32	24.012	.44053	52.809

#1	-.00766	-.00683	-.01245	-.00333	-.00181	-.01663	.25445	-.00004
#2	-.00418	-.00541	-.01234	-.00277	.00041	-.02344	.25287	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00216	49.985	-.00558	-.00049	-.01897	70.902	4.4642	7.3469
Stddev	.00002	.328	.00029	.00036	.00034	.492	.0005	.0461
%RSD	.79787	.65674	5.2795	72.956	1.7732	.69356	.01060	.62815

#1	-.00217	50.217	-.00579	-.00074	-.01921	71.250	4.4638	7.3796
#2	-.00215	49.753	-.00537	-.00024	-.01873	70.555	4.4645	7.3143

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00651	-.00214	40.473	.00079	.09075	1.5664	-.00108	.00654
Stddev	.00020	.00053	.184	.00009	.00039	.0655	.00019	.00438
%RSD	3.0159	24.675	.45580	10.871	.42841	4.1838	17.455	66.963

#1	-.00665	-.00177	40.604	.00085	.09102	1.6127	-.00121	.00344
#2	-.00637	-.00251	40.343	.00073	.09047	1.5201	-.00094	.00963

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63954	.16934	-.00155	.00454	-.00007	.0144	.21873	3.9444
Stddev	.00124	.00516	.00025	.00085	.00021	.0002	.00139	.0435
%RSD	.19326	3.0456	16.255	18.678	280.74	1.516	.63697	1.1037

#1	.64041	.17299	-.00173	.00394	.00007	.0145	.21971	3.9137
#2	.63866	.16570	-.00137	.00514	-.00022	.0142	.21774	3.9752

Sample Name: J6390-07 Acquired: 12/17/2018 20:54:36 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30082 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.6646
Stddev	.1766
%RSD	10.612

#1	1.5397
#2	1.7895

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3224.9	44138.	4153.1	99.762	3643.4
Stddev	14.1	50.	23.6	.857	10.9
%RSD	.43748	.11328	.56888	.85855	.29860

#1	3214.9	44102.	4136.4	99.157	3635.7
#2	3234.8	44173.	4169.8	100.37	3651.1

Sample Name: J6390-08 Acquired: 12/17/2018 20:58:38 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00236	-.00351	-.00138	.00158	-.00152	-.01252	.10869	-.00008
Stddev	.00218	.00076	.00025	.00027	.00090	.00047	.00043	.00004
%RSD	92.285	21.773	18.393	17.112	59.077	3.7604	.39360	49.056

#1	-.00390	-.00297	-.00120	.00139	-.00088	-.01285	.10839	-.00006
#2	-.00082	-.00405	-.00155	.00177	-.00215	-.01219	.10899	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	35.516	-.00143	.00009	-.00307	5.7902	1.9844	7.7050
Stddev	.00005	.392	.00008	.00002	.00008	.0452	.0022	.0374
%RSD	15.320	1.1041	5.2955	22.820	2.5133	.78031	.11220	.48550

#1	-.00028	35.238	-.00138	.00007	-.00312	5.7583	1.9828	7.6786
#2	-.00035	35.793	-.00149	.00010	-.00301	5.8222	1.9860	7.7315

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00183	.00005	197.18	-.00038	.05101	.35427	.00002	.01194
Stddev	.00003	.00002	.54	.00033	.00064	.01681	.00008	.00197
%RSD	1.7233	44.448	.27153	86.790	1.2454	4.7443	486.66	16.525

#1	-.00185	.00004	197.56	-.00061	.05056	.34238	-.00004	.01334
#2	-.00180	.00007	196.80	-.00015	.05146	.36615	.00007	.01055

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3519	.69506	-.00075	.00468	.00282	-.0008	.20253	4.3257
Stddev	.0081	.00415	.00077	.00128	.00092	.0015	.00139	.0856
%RSD	.34477	.59675	103.26	27.302	32.620	193.3	.68493	1.9794

#1	2.3462	.69213	-.00130	.00559	.00217	.0003	.20155	4.3863
#2	2.3576	.69800	-.00020	.00378	.00347	-.0019	.20351	4.2652

Sample Name: J6390-08 Acquired: 12/17/2018 20:58:38 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30081 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.0116
Stddev .3571
%RSD 8.9008

#1 3.7591
#2 4.2641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3157.7	42845.	4103.4	98.834	3488.0
Stddev	11.0	108.	7.8	.280	16.9
%RSD	.34953	.25254	.19110	.28374	.48330

#1	3149.9	42768.	4097.9	99.032	3476.1
#2	3165.5	42921.	4109.0	98.636	3499.9

Sample Name: J6390-09 Acquired: 12/17/2018 21:02:40 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	-.00370	-.00120	.00398	-.00170	-.01495	.12105	-.00003
Stddev	.00083	.00048	.00035	.00418	.00068	.00293	.00149	.00005
%RSD	124.13	12.929	29.644	104.93	39.862	19.607	1.2269	157.65

#1	.00126	-.00336	-.00095	.00694	-.00219	-.01288	.12000	-.00007
#2	.00008	-.00404	-.00145	.00103	-.00122	-.01703	.12210	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	40.157	-.00168	-.00007	-.00254	5.1786	2.2631	8.7872
Stddev	.00002	.614	.00014	.00001	.00023	.0207	.0092	.1394
%RSD	6.3126	1.5301	8.4872	11.550	8.9758	.39866	.40569	1.5868

#1	-.00029	39.722	-.00158	-.00007	-.00270	5.1640	2.2566	8.6886
#2	-.00032	40.591	-.00178	-.00008	-.00238	5.1932	2.2696	8.8858

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	.00050	215.25	.00004	.04016	.45207	.00004	.01810
Stddev	.00015	.00060	1.88	.00018	.00007	.02294	.00010	.00045
%RSD	24.822	118.28	.87336	462.61	.16794	5.0748	262.59	2.5073

#1	-.00048	.00008	213.92	.00017	.04011	.46829	.00011	.01842
#2	-.00069	.00092	216.58	-.00009	.04021	.43584	-.00003	.01778

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6598	.88477	-.00092	.00529	.00069	.0010	.22779	4.4279
Stddev	.0063	.00712	.00026	.00016	.00162	.0011	.00292	.0287
%RSD	.23557	.80469	28.536	3.0366	234.09	113.5	1.2806	.64748

#1	2.6642	.87974	-.00110	.00540	-.00045	.0018	.22572	4.4482
#2	2.6554	.88981	-.00073	.00517	.00184	.0002	.22985	4.4077

Sample Name: J6390-09 Acquired: 12/17/2018 21:02:40 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30080 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.1569
Stddev	.2012
%RSD	4.8390

#1	4.2992
#2	4.0147

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3145.7	42531.	4075.6	97.099	3457.4
Stddev	.3	150.	34.6	.187	6.6
%RSD	.01092	.35222	.84956	.19217	.19018

#1	3145.5	42637.	4100.0	97.231	3462.0
#2	3145.9	42425.	4051.1	96.967	3452.7

Sample Name: J6403-66 Acquired: 12/17/2018 21:06:45 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-OILY-WA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00579	-.00144	-.00067	.00362	.00046	.00976	.08112	.00005
Stddev	.00403	.00103	.00040	.00181	.00182	.00233	.00066	.00003
%RSD	69.506	71.367	59.134	50.123	395.45	23.890	.81006	59.104

#1	.00864	-.00071	-.00039	.00490	-.00083	.01141	.08159	.00007
#2	.00295	-.00216	-.00096	.00234	.00175	.00811	.08066	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	21.410	.00024	.00048	-.00060	.02728	.25507	3.6869
Stddev	.00000	.045	.00033	.00013	.00032	.02557	.00030	.1224
%RSD	85.676	.21071	134.83	26.629	52.351	93.740	.11574	3.3204

#1	-.00000	21.378	.00047	.00057	-.00083	.00920	.25486	3.6003
#2	-.00000	21.442	.00001	.00039	-.00038	.04536	.25528	3.7734

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	.00016	26.356	.00047	.03364	2.0977	.00735	.04822
Stddev	.00033	.00014	.023	.00011	.00012	.0328	.00015	.00260
%RSD	89.440	89.120	.08725	23.183	.35694	1.5632	1.9999	5.3937

#1	.00060	.00006	26.373	.00055	.03372	2.1209	.00746	.05006
#2	.00014	.00025	26.340	.00040	.03355	2.0745	.00725	.04638

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6454	2.2830	-.00215	.00689	.00835	.0019	.10173	3.6267
Stddev	.0083	.0190	.00034	.00020	.00090	.0011	.00047	.0247
%RSD	.50318	.83328	15.916	2.8368	10.751	57.35	.46487	.68031

#1	1.6512	2.2695	-.00239	.00675	.00771	.0027	.10140	3.6441
#2	1.6395	2.2964	-.00191	.00703	.00898	.0011	.10207	3.6093

Sample Name: J6403-66 Acquired: 12/17/2018 21:06:45 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-OILY-WA Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2770
Stddev	1.2383
%RSD	96.973

#1	.40136
#2	2.1526

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3323.5	45506.	4203.0	103.26	3845.9
Stddev	9.7	72.	8.9	.06	26.5
%RSD	.29206	.15873	.21222	.06010	.68830

#1	3316.7	45455.	4196.7	103.31	3827.2
#2	3330.4	45557.	4209.3	103.22	3864.7

Sample Name: J6403-66DUP Acquired: 12/17/2018 21:10:49 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-OILY-WA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00635	-.00252	.00080	.00535	-.00058	-.00698	.08082	-.00002
Stddev	.00099	.00094	.00059	.00107	.00028	.01005	.00036	.00000
%RSD	15.515	37.159	74.284	20.005	49.086	143.96	.44211	22.094

#1	.00705	-.00318	.00038	.00459	-.00038	.00013	.08057	-.00003
#2	.00565	-.00186	.00122	.00611	-.00078	-.01408	.08107	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	21.207	-.00007	.00028	-.00092	.03015	.25454	3.6885
Stddev	.00001	.098	.00033	.00021	.00041	.00913	.00033	.0361
%RSD	32.854	.46149	467.63	74.741	44.713	30.276	.12881	.97825

#1	-.00004	21.137	.00016	.00042	-.00063	.02369	.25477	3.6630
#2	-.00003	21.276	-.00031	.00013	-.00121	.03660	.25431	3.7140

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	-.00011	26.255	.00007	.03391	2.1482	.00734	.04473
Stddev	.00048	.00027	.072	.00003	.00070	.0425	.00010	.00336
%RSD	103.59	252.59	.27609	38.545	2.0509	1.9768	1.3897	7.5182

#1	.00012	.00008	26.204	.00005	.03440	2.1182	.00727	.04235
#2	.00080	-.00029	26.306	.00008	.03341	2.1783	.00741	.04711

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6377	2.2664	-.00196	.00474	.00712	.0027	.10062	3.3914
Stddev	.0043	.0031	.00013	.00143	.00172	.0001	.00043	.0103
%RSD	.26028	.13764	6.4315	30.201	24.151	2.645	.42588	.30257

#1	1.6407	2.2642	-.00187	.00372	.00591	.0026	.10032	3.3986
#2	1.6346	2.2686	-.00205	.00575	.00834	.0027	.10093	3.3841

Sample Name: J6403-66DUP Acquired: 12/17/2018 21:10:49 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-OILY-WA Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.4297
Stddev .1456
%RSD 10.187

#1 1.3267
#2 1.5326

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3330.9	45778.	4228.4	102.08	3851.1
Stddev	8.5	150.	.1	1.58	24.5
%RSD	.25666	.32860	.00173	1.5501	.63728

#1	3324.8	45672.	4228.5	100.96	3833.7
#2	3336.9	45885.	4228.4	103.19	3868.4

Sample Name: J6403-66LX5 Acquired: 12/17/2018 21:14:53 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00257	k -.00081	k -.00037	k -.00061	k -.00049	s .00723	.01968	s .00008
Stddev	.00249	.00052	.00075	.00067	.00040	.00526	.00040	.00008
%RSD	96.660	63.962	205.72	109.86	81.771	72.685	2.0168	100.18

#1	k .00433	k -.00044	k -.00090	k -.00109	k -.00021	s .01095	.01940	s .00013
#2	.00081	-.00118	.00017	-.00014	-.00078	.00352	.01996	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00005	5.2597	s -.00030	k -.00002	k -.00126	k .01057	s .05871	.74658
Stddev	.00007	.0361	.00005	.00020	.00033	.01471	.00788	.02015
%RSD	136.18	.68630	16.442	813.30	26.268	139.25	13.418	2.6995

#1	k .00010	5.2342	s -.00033	k .00012	k -.00149	k .00016	s .06428	.73233
#2	.00000	5.2852	-.00027	-.00017	-.00102	.02097	.05314	.76083

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00041	s .00011	5.5324	s -.00040	k .00502	.40142	.00124	k -.00974
Stddev	.00004	.00068	.0825	.00010	.00002	.03064	.00027	.00157
%RSD	9.5844	594.26	1.4912	23.869	.34253	7.6326	21.450	16.138

#1	k .00038	s .00059	5.4740	s -.00047	k .00503	.42308	.00106	k -.00863
#2	.00044	-.00036	5.5907	-.00033	.00500	.37975	.00143	-.01085

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .32840	k .48391	k -.00108	k .00401	.00180	k -.0006	k .02068	2.9219
Stddev	.00018	.00349	.00017	.00127	.00060	.0002	.00030	.4291
%RSD	.05403	.72114	15.543	31.628	33.413	34.47	1.4748	14.684

#1	k .32853	k .48144	k -.00096	k .00490	.00223	k -.0008	k .02046	2.6185
#2	.32827	.48638	-.00120	.00311	.00137	-.0005	.02089	3.2253

Sample Name: J6403-66LX5 Acquired: 12/17/2018 21:14:53 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.5012
Stddev	.5960
%RSD	39.699

#1	1.9226
#2	1.0798

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3370.1	^ *****	4202.1	105.01	3958.3
Stddev	39.2	-----	29.4	.31	42.5
%RSD	1.1645	-----	.69865	.29740	1.0741

#1	3397.8	^ -----	4222.8	105.23	3988.4
#2	3342.3	46453.	4181.3	104.79	3928.2

Sample Name: J6403-66MS Acquired: 12/17/2018 21:18:58 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-OILY-WA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79965	1.9172	.96204	1.8854	.77800	2.0679	.30692	.20017	.18839
Stddev	.00112	.0024	.00028	.0035	.00317	.0360	.00034	.00226	.00000
%RSD	.14030	.12570	.02962	.18484	.40753	1.7397	.11133	1.1292	.00077
#1	.79886	1.9189	.96184	1.8879	.78025	2.0425	.30668	.19857	.18839
#2	.80044	1.9155	.96224	1.8829	.77576	2.0934	.30716	.20177	.18839
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.170	.44940	.19749	.30674	3.0559	.50553	6.3711	.48594	.07005
Stddev	.103	.00782	.00015	.00140	.0293	.00631	.0596	.00046	.00069
%RSD	.41117	1.7411	.07411	.45723	.95766	1.2484	.93592	.09499	.98021
#1	25.097	.44387	.19739	.30574	3.0352	.50107	6.3289	.48562	.06956
#2	25.243	.45493	.19760	.30773	3.0766	.50999	6.4132	.48627	.07054
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.140	.31764	.24328	12.855	.41121	.36448	1.8698	3.5467	.64395
Stddev	.038	.00415	.00127	.095	.00056	.01620	.0070	.0244	.00161
%RSD	.11397	1.3057	.52111	.73841	.13604	4.4445	.37379	.68692	.25071
#1	33.114	.31471	.24239	12.788	.41081	.35302	1.8747	3.5295	.64509
#2	33.167	.32057	.24418	12.922	.41160	.37593	1.8648	3.5639	.64281
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20258	.21700	5.469	.32792	3.8016	.42704			
Stddev	.00018	.00065	.010	.00066	.0891	.06021			
%RSD	.09080	.30012	.1779	.20151	2.3440	14.099			
#1	.20245	.21654	5.475	.32745	3.7386	.46961			
#2	.20271	.21746	5.462	.32838	3.8647	.38447			

Sample Name: J6403-66MS Acquired: 12/17/2018 21:18:58 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-OILY-WA 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	3284.5	44664.	4150.5	101.07	3751.5
Stddev	1.5	335.	7.4	.59	2.6
%RSD	.04582	.75082	.17932	.58650	.07017
#1	3283.4	44901.	4155.7	101.49	3749.6
#2	3285.5	44427.	4145.2	100.65	3753.3

Sample Name: J6403-66MSD Acquired: 12/17/2018 21:22:51 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-OILY-WA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79854	1.9238	.96934	1.8917	.78080	2.0324	.30663	.19924	.18983
Stddev	.00252	.0076	.00101	.0019	.00366	.0159	.00221	.00018	.00054
%RSD	.31608	.39222	.10401	.09777	.46939	.78257	.71985	.08955	.28430

#1	.80032	1.9185	.97005	1.8930	.78339	2.0212	.30506	.19911	.18945
#2	.79675	1.9291	.96863	1.8903	.77821	2.0436	.30819	.19937	.19022

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.184	.44556	.19855	.30711	3.0273	.50288	6.3946	.48757	.07003
Stddev	.112	.00039	.00076	.00092	.0438	.00017	.1480	.00085	.00004
%RSD	.44455	.08667	.38485	.30009	1.4456	.03455	2.3142	.17518	.05141

#1	25.105	.44583	.19801	.30776	3.0582	.50276	6.2900	.48818	.07006
#2	25.264	.44529	.19909	.30646	2.9963	.50300	6.4992	.48697	.07001

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.030	.31583	.24171	12.856	.41025	.35980	1.8794	3.5510	.64600
Stddev	.014	.00118	.00359	.041	.00271	.01363	.0089	.0050	.00119
%RSD	.04180	.37281	1.4844	.32232	.66077	3.7874	.47310	.14052	.18410

#1	33.040	.31666	.24425	12.827	.41216	.35017	1.8731	3.5545	.64684
#2	33.020	.31500	.23917	12.886	.40833	.36944	1.8856	3.5475	.64515

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20072	.21417	5.490	.32728	3.6138	.56828
Stddev	.00240	.00020	.006	.00015	.0488	.52951
%RSD	1.1966	.09527	.1163	.04479	1.3518	93.178

#1	.19902	.21432	5.495	.32718	3.5792	.19386
#2	.20242	.21403	5.486	.32739	3.6483	.94270

Sample Name: J6403-66MSD Acquired: 12/17/2018 21:22:51 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-OILY-WA 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	3292.4	45210.	4150.3	102.14	3742.1
Stddev	21.2	71.	7.7	1.86	3.0
%RSD	.64531	.15789	.18512	1.8233	.08074
#1	3277.4	45160.	4144.9	100.82	3740.0
#2	3307.4	45261.	4155.7	103.45	3744.2

Sample Name: CCV11 Acquired: 12/17/2018 21:26:43 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9290	4.8890	4.9333	4.8031	4.9010	9.8052	9.8733	.24613
Stddev	.0016	.0016	.0037	.0077	.0016	.1844	.0277	.00412
%RSD	.03209	.03314	.07420	.16074	.03274	1.8807	.28098	1.6722
#1	4.9279	4.8879	4.9307	4.8086	4.9021	9.6748	9.8929	.24321
#2	4.9302	4.8902	4.9359	4.7977	4.8999	9.9356	9.8537	.24904
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4355	25.698	1.0316	2.4238	1.2305	4.8442	2.5014	25.246
Stddev	.0031	.180	.0131	.0033	.0039	.0265	.0374	.228
%RSD	.12609	.69920	1.2703	.13630	.31435	.54624	1.4937	.90417
#1	2.4334	25.571	1.0223	2.4215	1.2277	4.8254	2.4750	25.085
#2	2.4377	25.825	1.0409	2.4261	1.2332	4.8629	2.5278	25.408
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4031	1.1881	24.093	2.4092	2.5674	24.627	4.9015	5.0230
Stddev	.0012	.0198	.057	.0339	.0253	.030	.0078	.0109
%RSD	.04821	1.6649	.23636	1.4058	.98481	.12310	.15963	.21623
#1	2.4023	1.1741	24.133	2.3852	2.5852	24.649	4.8960	5.0307
#2	2.4039	1.2021	24.052	2.4331	2.5495	24.606	4.9071	5.0153
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6558	5.0884	4.8663	4.8971	4.8653	4.947	5.2600	F 3.9186
Stddev	.0023	.0233	.0196	.0152	.0024	.010	.0179	.0481
%RSD	.05026	.45750	.40203	.30979	.04892	.2002	.33928	1.2277
#1	4.6574	5.0719	4.8525	4.8864	4.8636	4.940	5.2474	3.8846
#2	4.6541	5.1048	4.8802	4.9078	4.8669	4.954	5.2727	3.9526

Sample Name: CCV11 Acquired: 12/17/2018 21:26:43 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0968
Stddev	.2058
%RSD	6.6446

#1	2.9513
#2	3.2423

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3250.4	44609.	4142.7	98.019	3522.8
Stddev	2.1	435.	9.5	1.084	.1
%RSD	.06399	.97533	.22892	1.1061	.00186

#1	3249.0	44917.	4136.0	97.253	3522.7
#2	3251.9	44302.	4149.4	98.786	3522.8

Sample Name: CCB11 Acquired: 12/17/2018 21:30:30 Type: Unk
Method: P4-ICP2(v2661) 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	.00178	.00046	-.00003	.00125	-.00023	.00443	.00362
Stddev	.00002	.00029	.00039	.00129	.00203	.01233	.00020
%RSD	1.1752	62.150	1202.8	103.34	872.83	278.25	5.4290

#1	.00176	.00066	-.00031	.00216	-.00167	.01315	.00376
#2	.00179	.00026	.00024	.00034	.00121	-.00429	.00348

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00001	-.01368	-.00014	-.00010	-.00146	.00800
Stddev	.00010	.00002	.01122	.00015	.00006	.00008	.00016
%RSD	400.60	155.74	82.028	107.51	58.101	5.7895	2.0260

#1	-.00005	.00000	-.02161	-.00025	-.00014	-.00140	.00812
#2	.00010	-.00002	-.00574	-.00003	-.00006	-.00152	.00789

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.01589	-.00052	-.00007	.01569	-.00011	-.00247
Stddev	.00004	.07338	.00018	.00008	.00218	.00033	.00002
%RSD	56.305	461.86	34.774	115.50	13.919	291.07	.99581

#1	-.00004	-.06777	-.00065	-.00013	.01723	-.00035	-.00249
#2	-.00010	.03600	-.00039	-.00001	.01414	.00012	-.00245

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02965	-.00009	-.01000	F -.01407	.00674	-.00027	.00718
Stddev	.02190	.00013	.00916	.00036	.00088	.00062	.00007
%RSD	73.836	140.07	91.652	2.5268	13.097	233.50	.91207

#1	-.04514	-.00000	-.00352	-.01382	.00737	.00017	.00714
#2	-.01417	-.00018	-.01648	-.01433	.00612	-.00071	.00723

Sample Name: CCB11 Acquired: 12/17/2018 21:30:30 Type: Unk
 Method: P4-ICP2(v2661) 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	.00037	-.0025	-.00016	F 3.3867	F 1.5260
Stddev	.00067	.0005	.00002	.1504	.1647
%RSD	178.86	18.32	14.787	4.4407	10.793

#1	.00085	-.0028	-.00014	3.4930	1.4095
#2	-.00010	-.0022	-.00017	3.2803	1.6425

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3386.5	46433.	4138.1	102.48	3986.0
Stddev	22.2	444.	14.0	1.20	3.1
%RSD	.65552	.95700	.33865	1.1673	.07669

#1	3402.2	46119.	4128.2	103.33	3988.1
#2	3370.8	46747.	4148.0	101.63	3983.8

Sample Name: J6403-66A Acquired: 12/17/2018 21:34:36 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80266	1.9242	.96656	1.8976	.78412	2.0575	.30946	.19914	.18964
Stddev	.00164	.0088	.00351	.0051	.00202	.0002	.00018	.00092	.00086
%RSD	.20467	.45872	.36315	.26741	.25823	.01033	.05863	.46019	.45471

#1	.80383	1.9180	.96408	1.8940	.78269	2.0577	.30959	.19978	.18903
#2	.80150	1.9305	.96904	1.9012	.78555	2.0574	.30934	.19849	.19025

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.553	.44915	.19851	.30967	3.0513	.50292	6.4008	.48852	.06986
Stddev	.065	.00029	.00077	.00047	.0085	.00075	.0921	.00105	.00067
%RSD	.25460	.06480	.38744	.15288	.27732	.15004	1.4387	.21589	.96016

#1	25.507	.44936	.19797	.31001	3.0454	.50345	6.3357	.48777	.06938
#2	25.599	.44895	.19906	.30934	3.0573	.50238	6.4660	.48926	.07033

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.335	.31678	.24354	12.909	.41469	.36518	1.8883	3.6065	.65252
Stddev	.054	.00126	.00001	.014	.00155	.00453	.0110	.0265	.00525
%RSD	.16068	.39624	.00609	.10492	.37278	1.2392	.58355	.73491	.80424

#1	33.373	.31589	.24353	12.899	.41359	.36198	1.8805	3.5878	.64881
#2	33.298	.31767	.24355	12.918	.41578	.36838	1.8961	3.6253	.65623

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20078	.21768	5.518	.33202	3.9084	.08857
Stddev	.00064	.00256	.021	.00074	.1354	.22026
%RSD	.31879	1.1758	.3794	.22281	3.4640	248.69

#1	.20033	.21587	5.503	.33254	4.0041	-.06718
#2	.20123	.21949	5.533	.33150	3.8127	.24431

Sample Name: J6403-66A Acquired: 12/17/2018 21:34:36 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW 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	3269.8	44809.	4086.9	101.04	3737.5
Stddev	3.4	292.	4.7	.38	8.2
%RSD	.10420	.65199	.11591	.38061	.21909
#1	3272.2	44603.	4083.6	100.77	3743.3
#2	3267.4	45016.	4090.3	101.31	3731.7

Sample Name: J6425-10 Acquired: 12/17/2018 21:38:27 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-20181214 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	-.00306	.00222	.00290	-.00148	-.02063	.03617	.00001
Stddev	.00081	.00064	.00045	.00519	.00055	.00606	.00040	.00004
%RSD	106.85	21.068	20.124	179.21	36.933	29.371	1.1062	670.42
#1	-.00134	-.00260	.00253	.00657	-.00109	-.01634	.03589	-.00002
#2	-.00019	-.00351	.00190	-.00077	-.00186	-.02491	.03646	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	41.602	-.00015	.00034	-.00137	.01440	.13663	101.95
Stddev	.00002	.272	.00009	.00005	.00018	.00831	.00070	.35
%RSD	19.709	.65408	57.230	15.690	12.986	57.668	.51396	.34810
#1	-.00008	41.410	-.00021	.00030	-.00149	.02028	.13712	101.70
#2	-.00011	41.795	-.00009	.00038	-.00124	.00853	.13613	102.20
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00129	.00026	794.10	.00036	.06935	33.508	.00109	.36591
Stddev	.00049	.00014	7.16	.00041	.00064	.243	.00027	.01878
%RSD	37.748	53.271	.90123	113.61	.92462	.72520	24.870	5.1332
#1	-.00095	.00035	789.04	.00066	.06889	33.336	.00128	.35263
#2	-.00164	.00016	799.17	.00007	.06980	33.679	.00090	.37919
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 60.436	.80460	-.02240	.00517	.02059	-.0002	.63672	5.1502
Stddev	.066	.00566	.00150	.00146	.00255	.0006	.00516	.0936
%RSD	.10888	.70300	6.6861	28.321	12.404	266.8	.81029	1.8184
#1	60.482	.80060	-.02345	.00621	.01879	.0002	.63308	5.2164
#2	60.389	.80860	-.02134	.00414	.02240	-.0006	.64037	5.0840

Sample Name: J6425-10 Acquired: 12/17/2018 21:38:27 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-20181214 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.5635
Stddev	.2712
%RSD	5.9422

#1	4.3717
#2	4.7552

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2970.2	39391.	3986.4	96.658	3158.9
Stddev	5.6	238.	18.6	.641	6.0
%RSD	.18886	.60354	.46576	.66344	.18998

#1	2966.2	39223.	3999.6	97.111	3154.7
#2	2974.2	39559.	3973.3	96.204	3163.1

Sample Name: J6438-06 Acquired: 12/17/2018 21:42:35 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	-.00245	-.01195	.00087	.00131	.02189	.11962	.00011
Stddev	.00026	.00132	.00132	.00107	.00047	.00654	.00023	.00004
%RSD	39.361	53.733	11.082	122.86	35.658	29.880	.19123	39.872

#1	-.00048	-.00338	-.01288	.00162	.00098	.01727	.11978	.00008
#2	-.00085	-.00152	-.01101	.00011	.00164	.02652	.11945	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00231	9.7609	-.00243	-.00015	-.01744	68.348	.41792	2.6433
Stddev	.00008	.1403	.00002	.00016	.00022	.052	.00049	.0168
%RSD	3.2520	1.4371	.77428	101.48	1.2509	.07582	.11742	.63625

#1	-.00236	9.6617	-.00245	-.00004	-.01729	68.384	.41758	2.6552
#2	-.00226	9.8601	-.00242	-.00026	-.01760	68.311	.41827	2.6314

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	-.00296	70.597	.00021	.10068	.86329	-.00094	.01556
Stddev	.00016	.00058	.210	.00051	.00086	.00128	.00020	.01061
%RSD	10.566	19.672	.29818	239.57	.85774	.14823	21.167	68.200

#1	.00164	-.00255	70.448	-.00015	.10129	.86238	-.00080	.02306
#2	.00141	-.00337	70.746	.00057	.10007	.86419	-.00108	.00806

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3561	.23735	-.00096	.00500	.00288	.0327	-.01489	3.4167
Stddev	.0005	.00014	.00036	.00068	.00122	.0001	.00036	.0152
%RSD	.03711	.05740	37.888	13.634	42.397	.3517	2.4016	.44609

#1	1.3557	.23744	-.00070	.00452	.00201	.0326	-.01515	3.4275
#2	1.3564	.23725	-.00122	.00549	.00374	.0328	-.01464	3.4059

Sample Name: J6438-06 Acquired: 12/17/2018 21:42:35 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.0218
Stddev .8071
%RSD 39.920

#1 1.4511
#2 2.5926

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3327.9	45253.	4207.5	100.33	3754.0
Stddev	13.9	71.	8.8	.90	16.5
%RSD	.41684	.15784	.20922	.89913	.43904

#1	3318.1	45203.	4201.3	99.689	3742.3
#2	3337.7	45304.	4213.7	100.97	3765.6

Sample Name: J6438-10 Acquired: 12/17/2018 21:46:37 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	-.00210	-.00339	.00203	.00046	.00578	.06698	.00002
Stddev	.00065	.00028	.00014	.00347	.00082	.01014	.00044	.00004
%RSD	73.006	13.290	4.0048	170.78	176.30	175.41	.65993	180.17

#1	-.00043	-.00229	-.00329	-.00042	-.00011	-.00139	.06666	-.00001
#2	-.00135	-.00190	-.00349	.00449	.00104	.01296	.06729	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	9.1508	-.00075	.00039	-.00361	11.430	.18269	1.2169
Stddev	.00001	.0131	.00006	.00030	.00053	.224	.00117	.0531
%RSD	2.6364	.14334	7.8467	78.563	14.753	1.9568	.64078	4.3664

#1	-.00032	9.1601	-.00079	.00017	-.00324	11.588	.18186	1.1793
#2	-.00033	9.1416	-.00071	.00060	-.00399	11.272	.18352	1.2545

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	-.00030	19.642	-.00010	.13594	2.2620	-.00039	.01725
Stddev	.00012	.00044	.026	.00025	.00527	.0060	.00022	.00651
%RSD	14.304	146.36	.13040	251.83	3.8778	.26664	56.445	37.731

#1	.00091	.00001	19.624	-.00028	.13967	2.2577	-.00023	.01265
#2	.00074	-.00061	19.660	.00008	.13222	2.2663	-.00054	.02185

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3959	.21390	-.00211	.00387	.00191	.0037	.05444	3.2402
Stddev	.0033	.00128	.00021	.00069	.00036	.0011	.00001	.0488
%RSD	.23507	.59921	10.131	17.913	18.747	29.15	.01758	1.5045

#1	1.3982	.21481	-.00226	.00435	.00165	.0044	.05444	3.2747
#2	1.3936	.21299	-.00196	.00338	.00216	.0029	.05443	3.2057

Sample Name: J6438-10 Acquired: 12/17/2018 21:46:37 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.1088
Stddev .6453
%RSD 15.705

#1 3.6525
#2 4.5651

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3390.8	46686.	4236.6	106.42	3947.4
Stddev	2.0	247.	40.5	4.13	12.1
%RSD	.05929	.52999	.95560	3.8816	.30764

#1	3392.2	46511.	4207.9	103.50	3938.8
#2	3389.3	46861.	4265.2	109.34	3956.0

Sample Name: J6438-14 Acquired: 12/17/2018 21:50:40 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.00652	k -.07505	k .04709	k -.28809	k .02325	k .00303	.41910
Stddev	.00234	.00164	.00066	.00018	.00231	.00419	.00203
%RSD	35.944	2.1896	1.3963	.06267	9.9269	138.19	.48525

#1	k -.00486	k -.07389	k .04755	k -.28796	k .02162	k .00600	.41766
#2	k -.00818	k -.07621	k .04662	k -.28822	k .02488	k .00007	.42053

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00334	k .08385	C .00000	k -.01487	k -.00105	k .13046	k 847.89
Stddev	.00007	.00022	.00000	.00052	.00019	.00182	16.93
%RSD	2.0789	.26499	.00000	3.4935	18.269	1.3925	1.9969

#1	.00339	k .08401	C .00000	k -.01524	k -.00091	k .13175	k 835.91
#2	.00329	k .08370	C .00000	k -.01450	k -.00119	k .12918	k 859.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0457	28.839	k -.01777	k -.15268	512.79	k .00413	k .24779
Stddev	.0159	.058	.00022	.00024	3.40	.00013	.00546
%RSD	.22559	.20138	1.2642	.15684	.66342	3.1322	2.2019

#1	7.0344	28.798	k -.01761	k -.15285	515.20	k .00422	k .24393
#2	7.0569	28.880	k -.01793	k -.15251	510.39	k .00403	k .25165

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.826	-.00745	kF -1.3949	kF 13.717	2.8177	k .00538	k -.00317
Stddev	.053	.00033	.0027	.048	.0039	.00093	.00038
%RSD	.23193	4.4499	.19672	.34763	.13831	17.238	12.079

#1	22.789	-.00768	k -1.3930	k 13.751	2.8205	k .00472	k -.00344
#2	22.864	-.00721	k -1.3969	k 13.683	2.8150	k .00603	k -.00290

Sample Name: J6438-14 Acquired: 12/17/2018 21:50:40 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01086	k .2728	k 1.8288	2.4656	^ *****
Stddev	.00191	.0002	.0048	.0548	-----
%RSD	17.548	.0884	.26251	2.2227	-----
#1	.00951	k .2730	k 1.8254	2.4268	^ -----
#2	.01220	k .2727	k 1.8322	2.5043	^ -----
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2910.5	39791.	4017.6	92.012	2976.5
Stddev	9.9	4.	3.8	1.687	11.9
%RSD	.34146	.00968	.09473	1.8330	.39892
#1	2903.5	39794.	4020.3	93.204	2968.1
#2	2917.6	39788.	4014.9	90.819	2984.9

Sample Name: J6438-18 Acquired: 12/17/2018 21:54:50 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00208	-.00272	-.00215	.00193	-.00174	-.00806	.11409	-.00000
Stddev	.00133	.00046	.00040	.00068	.00083	.00942	.00028	.00001
%RSD	63.947	16.761	18.720	35.039	47.663	116.86	.24518	391.09

#1	-.00114	-.00239	-.00186	.00146	-.00116	-.00140	.11389	-.00001
#2	-.00302	-.00304	-.00243	.00241	-.00233	-.01472	.11429	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	10.659	-.00033	-.00019	-.00156	.23452	.05742	1.5570
Stddev	.00012	.077	.00017	.00023	.00026	.00733	.00068	.0384
%RSD	156.82	.71847	52.347	118.25	16.696	3.1267	1.1812	2.4689

#1	.00001	10.713	-.00046	-.00036	-.00174	.22934	.05694	1.5842
#2	-.00016	10.604	-.00021	-.00003	-.00137	.23971	.05790	1.5298

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	.00032	50.966	-.00030	.03584	.48588	-.00020	-.00099
Stddev	.00048	.00016	.236	.00018	.00023	.02506	.00004	.00767
%RSD	86.322	50.224	.46210	60.232	.64260	5.1577	18.915	771.43

#1	-.00089	.00021	51.133	-.00017	.03600	.46816	-.00023	.00443
#2	-.00022	.00044	50.800	-.00043	.03568	.50360	-.00018	-.00642

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17753	.22759	-.00131	.00485	.00109	-.0017	.05371	3.3888
Stddev	.00477	.00103	.00063	.00013	.00013	.0005	.00084	.1507
%RSD	2.6882	.45189	47.735	2.7550	12.009	28.38	1.5696	4.4477

#1	.17416	.22832	-.00176	.00475	.00099	-.0014	.05431	3.4954
#2	.18091	.22686	-.00087	.00494	.00118	-.0021	.05311	3.2822

Sample Name: J6438-18 Acquired: 12/17/2018 21:54:50 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-4 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.4436
Stddev .2603
%RSD 18.030

#1 1.6277
#2 1.2596

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3375.6	45981.	4237.7	103.35	3854.9
Stddev	8.5	193.	51.5	.84	9.2
%RSD	.25043	.41878	1.2147	.80930	.23792
#1	3369.7	45845.	4201.3	102.76	3848.4
#2	3381.6	46117.	4274.1	103.94	3861.4

Sample Name: J6440-03 Acquired: 12/17/2018 21:58:55 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	-.00168	-.00232	.00019	-.00069	-.00635	.13131	.00000
Stddev	.00299	.00068	.00031	.00218	.00112	.00602	.00059	.00003
%RSD	444.05	40.379	13.199	1119.5	161.40	94.811	.44565	545.71

#1	-.00279	-.00120	-.00210	-.00135	.00010	-.00209	.13172	.00002
#2	.00144	-.00216	-.00253	.00173	-.00148	-.01060	.13089	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	8.6052	.00346	.00038	-.00167	.56142	.61608	4.7465
Stddev	.00001	.0222	.00012	.00007	.00017	.00544	.00142	.0152
%RSD	12.122	.25785	3.3311	17.490	9.9775	.96829	.23085	.32111

#1	-.00005	8.6209	.00338	.00033	-.00179	.55757	.61507	4.7357
#2	-.00005	8.5895	.00354	.00042	-.00155	.56526	.61708	4.7573

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00335	.00054	68.455	-.00033	.04073	1.1511	-.00008	.03316
Stddev	.00036	.00016	.155	.00017	.00045	.0054	.00042	.00196
%RSD	10.722	30.236	.22698	52.072	1.0937	.47007	530.04	5.8982

#1	.00310	.00066	68.565	-.00021	.04041	1.1549	-.00038	.03178
#2	.00361	.00043	68.345	-.00046	.04104	1.1473	.00022	.03454

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89206	.68433	-.00079	.00508	.00039	-.0010	.08455	3.5532
Stddev	.00200	.00127	.00014	.00005	.00052	.0005	.00005	.0456
%RSD	.22406	.18525	17.133	.89146	132.79	51.42	.06271	1.2822

#1	.89348	.68344	-.00069	.00505	.00077	-.0014	.08459	3.5854
#2	.89065	.68523	-.00088	.00512	.00002	-.0007	.08451	3.5209

Sample Name: J6440-03 Acquired: 12/17/2018 21:58:55 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.8842
Stddev .2726
%RSD 14.468

#1 2.0769
#2 1.6914

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3352.1	45633.	4189.3	102.88	3806.6
Stddev	.1	185.	25.5	1.13	19.6
%RSD	.00363	.40435	.60876	1.0987	.51441

#1	3352.0	45502.	4171.3	103.68	3792.8
#2	3352.2	45763.	4207.4	102.08	3820.5

Sample Name: J6440-06 Acquired: 12/17/2018 22:02:58 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00065	-.00322	-.01189	-.00008	.00139	-.00770	.05845	.00010
Stddev	.00050	.00004	.00187	.00064	.00047	.01011	.00016	.00005
%RSD	76.874	1.1911	15.714	763.22	33.791	131.27	.27153	44.800

#1	-.00101	-.00325	-.01322	-.00053	.00106	-.00055	.05833	.00007
#2	-.00030	-.00319	-.01057	.00037	.00172	-.01486	.05856	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00223	1.3938	-.00358	.00108	-.01602	65.999	.83623	.64307
Stddev	.00004	.0321	.00053	.00007	.00024	.254	.00144	.00662
%RSD	1.9102	2.3007	14.839	6.6590	1.5226	.38537	.17271	1.0292

#1	-.00226	1.3711	-.00320	.00113	-.01585	65.819	.83725	.64775
#2	-.00220	1.4165	-.00396	.00103	-.01620	66.179	.83521	.63839

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00292	-.00276	55.694	.00003	.12760	19.037	-.00036	-.01012
Stddev	.00034	.00012	.406	.00001	.00093	.234	.00016	.00287
%RSD	11.797	4.2515	.72949	27.853	.72515	1.2290	44.039	28.379

#1	-.00316	-.00267	55.407	.00003	.12694	18.871	-.00024	-.01215
#2	-.00267	-.00284	55.982	.00002	.12825	19.202	-.00047	-.00809

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4488	.39476	-.00135	.00430	.00042	.0277	-.05620	3.1916
Stddev	.0094	.00181	.00020	.00304	.00021	.0015	.00001	.1006
%RSD	.27223	.45857	15.002	70.556	50.567	5.518	.01041	3.1524

#1	3.4422	.39604	-.00149	.00216	.00027	.0287	-.05621	3.1204
#2	3.4555	.39348	-.00120	.00645	.00057	.0266	-.05620	3.2627

Sample Name: J6440-06 Acquired: 12/17/2018 22:02:58 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2903
 Stddev .1201
 %RSD 9.3084

#1 1.3752
 #2 1.2054

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3343.3	45920.	4263.1	102.15	3756.8
Stddev	4.6	15.	36.0	.44	.0
%RSD	.13733	.03303	.84440	.42732	.00059

#1	3340.0	45909.	4288.6	102.46	3756.8
#2	3346.5	45930.	4237.7	101.84	3756.8

Sample Name: J6440-09 Acquired: 12/17/2018 22:07:02 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-4 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	-.00207	-.00339	.00081	-.00096	-.00117	.08423	-.00004
Stddev	.00395	.00121	.00025	.00197	.00095	.00011	.00026	.00007
%RSD	179.25	58.511	7.3383	243.59	99.242	9.1094	.31331	156.96

#1	.00499	-.00122	-.00356	-.00058	-.00163	-.00110	.08404	-.00009
#2	-.00059	-.00293	-.00321	.00220	-.00029	-.00125	.08442	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	2.7841	.00002	-.00028	-.00156	2.3309	.09419	.62575
Stddev	.00005	.0066	.00012	.00003	.00018	.0557	.00124	.02448
%RSD	166.82	.23636	651.68	10.473	11.507	2.3888	1.3188	3.9120

#1	-.00006	2.7888	.00010	-.00026	-.00169	2.3702	.09506	.60844
#2	.00001	2.7795	-.00006	-.00030	-.00144	2.2915	.09331	.64306

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	.00005	2.2258	-.00024	.08034	.07552	-.00039	.00593
Stddev	.00001	.00044	.0290	.00027	.00302	.01713	.00016	.01173
%RSD	4.8849	952.16	1.3012	111.30	3.7539	22.688	39.912	198.01

#1	.00028	-.00027	2.2053	-.00005	.08247	.06341	-.00028	-.00237
#2	.00030	.00036	2.2462	-.00043	.07821	.08764	-.00050	.01422

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16278	.34339	-.00175	.00608	-.00109	-.0022	.01103	2.9027
Stddev	.00067	.00660	.00052	.00017	.00080	.0015	.00002	.0508
%RSD	.40950	1.9224	29.992	2.8047	72.771	69.00	.20222	1.7507

#1	.16231	.34806	-.00212	.00596	-.00053	-.0033	.01105	2.8668
#2	.16325	.33872	-.00138	.00620	-.00166	-.0011	.01102	2.9387

Sample Name: J6440-09 Acquired: 12/17/2018 22:07:02 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-4 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.4924
Stddev .0747
%RSD 5.0034

#1 1.5452
#2 1.4396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3459.1	47924.	4262.8	102.79	4056.3
Stddev	19.5	215.	31.2	3.84	10.7
%RSD	.56263	.44796	.73288	3.7320	.26379

#1	3445.4	47772.	4240.7	100.08	4048.7
#2	3472.9	48076.	4284.9	105.50	4063.8

Sample Name: J6429-04 Acquired: 12/17/2018 22:11:06 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00361	.00868	.00108	-.00083	.24032	.04258	.00003
Stddev	.00322	.00060	.00072	.00158	.00079	.00485	.00049	.00008
%RSD	4878.3	16.698	8.3355	146.03	94.271	2.0200	1.1496	287.29

#1	.00221	-.00404	.00919	-.00004	-.00139	.23688	.04292	-.00003
#2	-.00234	-.00318	.00816	.00220	-.00028	.24375	.04223	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	5.5081	.00052	.00057	.00277	.52094	.04132	.50813
Stddev	.00009	.0093	.00007	.00006	.00068	.00405	.00031	.03277
%RSD	118.80	.16864	13.868	10.010	24.454	.77703	.74595	6.4483

#1	-.00001	5.5147	.00058	.00061	.00325	.52381	.04110	.48496
#2	-.00014	5.5015	.00047	.00053	.00229	.51808	.04153	.53130

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00308	-.00000	410.77	.00055	.02247	.16897	-.00024	.00145
Stddev	.00009	.00012	.05	.00009	.00012	.00337	.00030	.00117
%RSD	2.9544	4578.4	.01303	15.431	.51909	1.9956	123.02	80.584

#1	.00314	.00008	410.80	.00049	.02255	.16658	-.00003	.00227
#2	.00301	-.00009	410.73	.00061	.02238	.17135	-.00045	.00062

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03505	.50948	-.00045	.00693	.00105	.0021	.01811	3.9885
Stddev	.00158	.00488	.00065	.00002	.00139	.0013	.00008	.0951
%RSD	4.5137	.95720	142.27	.24941	132.91	61.10	.44137	2.3851

#1	.03617	.51293	.00000	.00694	.00203	.0012	.01806	4.0557
#2	.03393	.50603	-.00091	.00691	.00006	.0030	.01817	3.9212

Sample Name: J6429-04 Acquired: 12/17/2018 22:11:06 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.2203
 Stddev .0650
 %RSD 2.0194

#1 3.1743
 #2 3.2663

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3234.3	43466.	4254.6	100.48	3471.5
Stddev	4.7	99.	25.8	.48	4.0
%RSD	.14380	.22753	.60556	.48091	.11437

#1	3231.0	43396.	4236.4	100.13	3468.7
#2	3237.6	43536.	4272.9	100.82	3474.4

Sample Name: CCV12 Acquired: 12/17/2018 22:15:18 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8005	4.7940	4.7970	4.6994	4.7654	9.7927	9.7508	.24411
Stddev	.0791	.0745	.0675	.0540	.0561	.0736	.0528	.00021
%RSD	1.6469	1.5539	1.4075	1.1498	1.1779	.75182	.54108	.08469
#1	4.7446	4.7413	4.7493	4.6612	4.7257	9.7406	9.7881	.24426
#2	4.8564	4.8467	4.8448	4.7376	4.8051	9.8447	9.7135	.24396
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3784	25.102	1.0329	2.3593	1.2005	4.7811	2.4868	25.077
Stddev	.0379	.107	.0067	.0361	.0157	.0228	.0022	.149
%RSD	1.5945	.42654	.64652	1.5320	1.3070	.47600	.08795	.59549
#1	2.3515	25.178	1.0376	2.3338	1.1894	4.7972	2.4853	25.183
#2	2.4052	25.026	1.0281	2.3849	1.2116	4.7650	2.4884	24.972
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3515	1.1870	23.885	2.4191	2.4835	24.362	4.8056	4.9414
Stddev	.0387	.0092	.101	.0033	.0094	.081	.0669	.0046
%RSD	1.6472	.77168	.42407	.13541	.37989	.33425	1.3932	.09351
#1	2.3241	1.1805	23.957	2.4168	2.4902	24.420	4.7582	4.9381
#2	2.3789	1.1935	23.814	2.4215	2.4768	24.305	4.8529	4.9446
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5890	4.9470	4.7844	4.8489	4.8021	4.852	5.1361	F 3.8247
Stddev	.0791	.0118	.0780	.0016	.0285	.074	.0392	.1043
%RSD	1.7228	.23844	1.6300	.03301	.59378	1.532	.76359	2.7273
#1	4.5331	4.9553	4.7292	4.8501	4.8222	4.799	5.1638	3.8985
#2	4.6449	4.9387	4.8395	4.8478	4.7819	4.904	5.1084	3.7509

Sample Name: CCV12 Acquired: 12/17/2018 22:15:18 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.6965
Stddev	.7435
%RSD	20.115

#1	3.1707
#2	4.2223

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3345.6	44917.	4252.1	101.26	3613.9
Stddev	31.9	169.	34.2	.72	42.6
%RSD	.95337	.37640	.80349	.71530	1.1778

#1	3368.2	44798.	4228.0	100.74	3644.0
#2	3323.1	45037.	4276.3	101.77	3583.8

Sample Name: CCB12 Acquired: 12/17/2018 22:19:04 Type: Unk
Method: P4-ICP2(v2661) 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	.00095	-.00060	-.00106	-.00107	-.00135	-.00093	.00376
Stddev	.00167	.00038	.00072	.00030	.00021	.00608	.00004
%RSD	176.28	62.832	67.573	27.725	15.208	650.45	1.1712

#1	-.00023	-.00087	-.00157	-.00128	-.00150	.00336	.00373
#2	.00212	-.00033	-.00055	-.00086	-.00120	-.00523	.00379

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00000	-.03478	-.00015	-.00022	-.00119	.01053
Stddev	.00001	.00005	.00009	.00011	.00025	.00018	.00379
%RSD	5.5811	6075.3	.26328	77.050	112.11	14.828	35.958

#1	.00009	.00003	-.03472	-.00022	-.00039	-.00106	.01321
#2	.00010	-.00003	-.03485	-.00007	-.00005	-.00131	.00785

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00004	-.00034	.00023	.07454	-.00024	-.00241
Stddev	.00002	.03911	.00035	.00010	.00546	.00040	.00001
%RSD	26.460	95838.	104.31	44.208	7.3300	168.86	.41618

#1	-.00006	.02769	-.00009	.00030	.07068	.00005	-.00242
#2	-.00009	-.02761	-.00059	.00016	.07841	-.00052	-.00240

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02478	-.00015	-.01095	F -.01624	.00156	-.00028	.00598
Stddev	.01510	.00003	.00116	.00136	.00226	.00082	.00190
%RSD	60.920	21.261	10.590	8.4004	144.98	290.24	31.790

#1	-.01411	-.00018	-.01013	-.01528	-.00004	.00030	.00464
#2	-.03546	-.00013	-.01177	-.01721	.00316	-.00086	.00733

Sample Name: CCB12 Acquired: 12/17/2018 22:19:04 Type: Unk
 Method: P4-ICP2(v2661) 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	.00010	-.0029	-.00008	F 3.0158	F 1.3478
Stddev	.00043	.0009	.00002	.1251	.0938
%RSD	419.16	30.06	22.494	4.1478	6.9627

#1	.00041	-.0023	-.00007	2.9273	1.2815
#2	-.00020	-.0036	-.00010	3.1042	1.4142

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3463.5	47153.	4225.1	103.45	4066.3
Stddev	4.1	24.	15.2	2.19	3.8
%RSD	.11821	.05183	.35929	2.1133	.09368

#1	3460.6	47170.	4214.3	104.99	4063.6
#2	3466.4	47136.	4235.8	101.90	4069.0

Sample Name: J6429-04DUP Acquired: 12/17/2018 22:23:11 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-STONESD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	-.00228	.00760	.00306	-.00058	.24034	.04236	.00000
Stddev	.00020	.00049	.00004	.00223	.00265	.00562	.00075	.00009
%RSD	44.161	21.690	.47942	72.830	455.43	2.3404	1.7754	2627.4

#1	-.00032	-.00263	.00762	.00148	-.00245	.23637	.04183	.00007
#2	-.00061	-.00193	.00757	.00463	.00129	.24432	.04290	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	5.4996	.00056	.00036	.00336	.53237	.04164	.48306
Stddev	.00002	.0554	.00008	.00007	.00037	.01874	.00040	.03675
%RSD	29.992	1.0077	13.559	19.116	10.896	3.5206	.96797	7.6073

#1	-.00008	5.4604	.00051	.00031	.00362	.51911	.04136	.45707
#2	-.00005	5.5388	.00061	.00041	.00310	.54562	.04193	.50904

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00289	.00009	414.96	.00047	.02288	.19201	.00020	-.00287
Stddev	.00011	.00056	3.39	.00021	.00024	.02131	.00011	.00028
%RSD	3.6838	619.59	.81669	45.166	1.0474	11.097	55.815	9.8623

#1	.00296	.00049	417.35	.00062	.02271	.17695	.00012	-.00307
#2	.00281	-.00031	412.56	.00032	.02305	.20708	.00028	-.00267

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03345	.52038	-.00098	.00630	.00212	.0012	.01814	4.1523
Stddev	.00091	.00521	.00042	.00111	.00095	.0005	.00021	.0273
%RSD	2.7300	1.0007	43.122	17.647	44.653	45.12	1.1741	.65826

#1	.03410	.52406	-.00128	.00551	.00145	.0008	.01799	4.1717
#2	.03281	.51669	-.00068	.00708	.00279	.0015	.01829	4.1330

Sample Name: J6429-04DUP Acquired: 12/17/2018 22:23:11 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-STONESD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.1487
Stddev	.1756
%RSD	5.5777

#1	3.0246
#2	3.2729

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3225.2	43096.	4214.3	99.125	3469.5
Stddev	25.6	9.	13.2	.896	24.7
%RSD	.79249	.02011	.31331	.90357	.71285

#1	3207.1	43090.	4204.9	99.758	3452.0
#2	3243.3	43102.	4223.6	98.492	3487.0

Sample Name: J6429-04LX5 Acquired: 12/17/2018 22:27:22 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB115765BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	.00176	.00306	.00097	.00226	.05574	.01180	.00051
Stddev	.00130	.00116	.00072	.00096	.00034	.00879	.00051	.00004
%RSD	116.44	65.839	23.412	98.220	15.195	15.770	4.3373	7.4255

#1	.00020	.00094	.00357	.00030	.00202	.06196	.01216	.00054
#2	.00203	.00258	.00255	.00165	.00251	.04952	.01144	.00049

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	1.4450	.00100	.00038	.00068	.12214	.00882	.10357
Stddev	.00007	.0079	.00011	.00015	.00006	.00998	.00001	.01145
%RSD	17.383	.54876	11.488	40.825	8.1511	8.1686	.10210	11.055

#1	.00036	1.4506	.00092	.00049	.00064	.11509	.00883	.09547
#2	.00046	1.4394	.00108	.00027	.00072	.12920	.00882	.11166

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	.00038	87.198	.00068	.00278	.07833	.00056	-.01228
Stddev	.00018	.00026	.286	.00019	.00003	.01535	.00037	.00098
%RSD	24.104	70.089	.32752	28.543	.99990	19.595	65.487	7.9912

#1	.00062	.00056	87.400	.00054	.00280	.06748	.00082	-.01159
#2	.00087	.00019	86.996	.00081	.00276	.08918	.00030	-.01297

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00592	.11785	.00008	.00532	.00344	.0096	.00403	3.5617
Stddev	.00201	.00035	.00041	.00041	.00067	.0001	.00009	.0352
%RSD	34.005	.29364	495.29	7.7227	19.410	1.340	2.1233	.98706

#1	-.00449	.11810	.00037	.00561	.00296	.0095	.00397	3.5369
#2	-.00734	.11761	-.00021	.00503	.00391	.0097	.00409	3.5866

Sample Name: J6429-04LX5 Acquired: 12/17/2018 22:27:22 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB115765BS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6471
 Stddev .3795
 %RSD 23.039

#1 1.3788
 #2 1.9154

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.7	45334.	4218.0	102.82	3755.3
Stddev	14.8	93.	28.5	2.33	15.1
%RSD	.43998	.20534	.67584	2.2700	.40144

#1	3385.2	45400.	4197.9	104.47	3765.9
#2	3364.2	45268.	4238.2	101.17	3744.6

Sample Name: J6429-04MS Acquired: 12/17/2018 22:31:28 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-STONESM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79917	1.8716	.97633	1.9815	.76980	2.3006	.24931	.20271	.19851
Stddev	.00231	.0020	.00103	.0007	.00109	.0251	.00018	.00024	.00013
%RSD	.28891	.10517	.10531	.03360	.14150	1.0906	.07359	.12019	.06768
#1	.80080	1.8702	.97706	1.9810	.77057	2.2829	.24944	.20254	.19841
#2	.79754	1.8730	.97560	1.9820	.76903	2.3184	.24918	.20288	.19860
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2162	.44150	.20082	.30123	3.4413	.24979	2.5062	.50033	.07079
Stddev	.0397	.00115	.00080	.00003	.0318	.00067	.0042	.00023	.00080
%RSD	.63852	.26009	.39842	.00976	.92321	.26629	.16677	.04694	1.1283
#1	6.1882	.44069	.20025	.30121	3.4189	.24932	2.5091	.50050	.07022
#2	6.2443	.44232	.20138	.30125	3.4638	.25026	2.5032	.50017	.07135
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	382.76	.31610	.22819	10.955	.39532	.29401	.02554	1.4070	.66321
Stddev	.30	.00240	.00040	.012	.00069	.00244	.00416	.0111	.00089
%RSD	.07726	.75786	.17500	.11279	.17434	.82931	16.302	.78701	.13464
#1	382.97	.31440	.22848	10.964	.39580	.29574	.02848	1.4148	.66384
#2	382.55	.31779	.22791	10.946	.39483	.29229	.02259	1.3992	.66258
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20350	.21182	5.854	.22651	4.1579	2.1202			
Stddev	.00146	.00163	.004	.00117	.0359	.2570			
%RSD	.71614	.77137	.0634	.51615	.86432	12.122			
#1	.20453	.21297	5.851	.22569	4.1324	2.3019			
#2	.20247	.21066	5.856	.22734	4.1833	1.9385			

Sample Name: J6429-04MS Acquired: 12/17/2018 22:31:28 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-STONESM 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	3231.7	43012.	4103.8	100.27	3479.9
Stddev	3.8	36.	23.0	.15	5.0
%RSD	.11604	.08359	.56053	.14692	.14445
#1	3234.3	43038.	4087.6	100.17	3483.5
#2	3229.0	42987.	4120.1	100.38	3476.4

Sample Name: J6429-04MSD Acquired: 12/17/2018 22:35:26 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-STONESM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80115	1.8816	.97945	1.9872	.76927	2.2870	.24762	.20251	.19878
Stddev	.00229	.0053	.00003	.0001	.00016	.0006	.00053	.00072	.00013
%RSD	.28631	.28063	.00285	.00433	.02016	.02804	.21477	.35554	.06523
#1	.80277	1.8779	.97943	1.9871	.76916	2.2866	.24724	.20301	.19887
#2	.79953	1.8853	.97947	1.9873	.76938	2.2875	.24799	.20200	.19869
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1768	.44144	.20130	.30180	3.4660	.24874	2.6002	.50170	.07130
Stddev	.0447	.00043	.00083	.00082	.0300	.00087	.0237	.00173	.00112
%RSD	.72401	.09631	.41113	.27260	.86623	.35095	.91069	.34450	1.5707
#1	6.1452	.44174	.20072	.30122	3.4873	.24936	2.6170	.50048	.07050
#2	6.2084	.44114	.20189	.30238	3.4448	.24812	2.5835	.50293	.07209
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	377.95	.31496	.22432	11.001	.39528	.29075	.02697	1.4030	.66615
Stddev	.39	.00081	.00296	.006	.00063	.00471	.00071	.0131	.00125
%RSD	.10388	.25872	1.3213	.05023	.16060	1.6189	2.6412	.92995	.18729
#1	377.67	.31553	.22642	10.998	.39484	.29408	.02747	1.4122	.66527
#2	378.22	.31438	.22222	11.005	.39573	.28742	.02646	1.3938	.66703
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20209	.21306	5.900	.22397	4.0574	1.9957			
Stddev	.00339	.00065	.020	.00048	.0094	.0111			
%RSD	1.6762	.30476	.3445	.21440	.23091	.55523			
#1	.20448	.21260	5.886	.22363	4.0508	1.9878			
#2	.19969	.21352	5.914	.22431	4.0640	2.0035			

Sample Name: J6429-04MSD Acquired: 12/17/2018 22:35:26 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-STONESM 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	3239.8	43499.	4169.5	102.01	3482.5
Stddev	6.4	116.	20.9	1.75	1.1
%RSD	.19651	.26564	.50029	1.7156	.03235
#1	3235.3	43417.	4154.8	100.78	3483.3
#2	3244.3	43581.	4184.3	103.25	3481.7

Sample Name: J6429-04A Acquired: 12/17/2018 22:39:26 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB115765BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80274	1.8765	.97549	1.9794	.76693	2.2977	.24859	.20280	.19841
Stddev	.00268	.0008	.00319	.0033	.00089	.0188	.00031	.00103	.00031
%RSD	.33346	.04121	.32687	.16824	.11550	.82030	.12425	.50800	.15866

#1	.80084	1.8759	.97324	1.9818	.76630	2.2844	.24837	.20207	.19819
#2	.80463	1.8770	.97775	1.9770	.76755	2.3110	.24881	.20352	.19863

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2035	.44385	.20029	.30084	3.4911	.24888	2.5849	.50112	.07110
Stddev	.0233	.00088	.00022	.00127	.0664	.00155	.0016	.00160	.00101
%RSD	.37568	.19794	.10956	.42144	1.9011	.62360	.06039	.31925	1.4191

#1	6.1870	.44323	.20045	.29994	3.4442	.24778	2.5860	.49999	.07038
#2	6.2200	.44448	.20014	.30173	3.5380	.24997	2.5838	.50225	.07181

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	382.10	.31737	.22999	10.988	.39500	.29238	.02534	1.4113	.66698
Stddev	2.97	.00084	.00282	.087	.00064	.00025	.00108	.0007	.00021
%RSD	.77794	.26522	1.2274	.79518	.16093	.08665	4.2680	.05200	.03132

#1	380.00	.31678	.22799	10.926	.39545	.29220	.02610	1.4118	.66713
#2	384.21	.31797	.23199	11.050	.39455	.29256	.02457	1.4108	.66683

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20047	.21525	5.866	.22552	4.2475	1.9313
Stddev	.00263	.00230	.015	.00148	.0425	.1394
%RSD	1.3113	1.0704	.2492	.65689	.99961	7.2173

#1	.19861	.21362	5.856	.22447	4.2776	2.0299
#2	.20233	.21687	5.877	.22657	4.2175	1.8327

Sample Name: J6429-04A Acquired: 12/17/2018 22:39:26 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB115765BL 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	3220.0	42993.	4100.2	98.942	3466.2
Stddev	1.0	125.	7.1	1.414	4.1
%RSD	.03079	.29187	.17277	1.4293	.11819
#1	3219.3	42904.	4095.2	99.942	3469.1
#2	3220.7	43081.	4105.2	97.942	3463.3

Sample Name: J6438-01 Acquired: 12/17/2018 22:43:24 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 23678 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	-.00432	.00028	.00756	-.00024	.06479	.43457	.00099
Stddev	.00053	.00245	.00055	.00071	.00250	.00575	.00023	.00001
%RSD	69.498	56.760	197.22	9.4395	1058.4	8.8795	.05311	.54791

#1	.00115	-.00606	-.00011	.00706	-.00200	.06072	.43473	.00099
#2	.00039	-.00259	.00066	.00806	.00153	.06886	.43440	.00099

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	29.624	.00068	.00550	-.00162	-.00092	.19400	17.115
Stddev	.00008	.063	.00004	.00002	.00061	.00365	.00094	.035
%RSD	21.214	.21391	5.5982	.34642	37.775	395.47	.48355	.20299

#1	.00033	29.579	.00066	.00549	-.00118	.00166	.19334	17.139
#2	.00045	29.669	.00071	.00551	-.00205	-.00351	.19467	17.090

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00885	.00004	418.38	.00241	.18353	9.4301	-.00011	.08416
Stddev	.00010	.00027	2.41	.00018	.00349	.0551	.00013	.00253
%RSD	1.1407	746.15	.57714	7.2906	1.8991	.58376	115.21	3.0049

#1	.00878	-.00015	420.09	.00228	.18600	9.3912	-.00002	.08595
#2	.00892	.00023	416.67	.00253	.18107	9.4690	-.00020	.08237

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4244	8.7761	-.00065	.00363	.01598	.0498	.17496	4.5803
Stddev	.0049	.0659	.00041	.00175	.00219	.0000	.00002	.0828
%RSD	.34415	.75055	63.470	48.259	13.721	.0995	.00901	1.8069

#1	1.4278	8.8227	-.00095	.00487	.01443	.0497	.17495	4.5217
#2	1.4209	8.7295	-.00036	.00239	.01753	.0498	.17497	4.6388

Sample Name: J6438-01 Acquired: 12/17/2018 22:43:24 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 23678 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.6346
Stddev	.0947
%RSD	2.6068

#1	3.5676
#2	3.7016

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3128.8	41726.	4059.0	98.004	3354.8
Stddev	11.6	272.	22.4	2.115	10.8
%RSD	.37045	.65172	.55286	2.1585	.32097

#1	3120.6	41918.	4043.2	96.508	3347.2
#2	3137.0	41534.	4074.9	99.500	3362.4

Sample Name: J6438-02 Acquired: 12/17/2018 22:47:33 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 23571 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00128	-.00452	.01056	.00579	-.00211	.08249	.23795	.00022
Stddev	.00023	.00196	.00122	.00023	.00066	.01113	.00041	.00001
%RSD	17.598	43.375	11.553	3.9718	31.424	13.491	.17440	2.5800

#1	.00144	-.00590	.00970	.00563	-.00164	.09036	.23766	.00023
#2	.00112	-.00313	.01142	.00596	-.00257	.07462	.23825	.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	55.779	.00116	.03893	-.00218	2.4292	.89951	9.1435
Stddev	.00001	.028	.00002	.00006	.00082	.0356	.00161	.0707
%RSD	1.9235	.05054	1.6396	.16228	37.541	1.4642	.17931	.77363

#1	.00070	55.799	.00115	.03897	-.00160	2.4544	.89837	9.0934
#2	.00068	55.759	.00117	.03888	-.00275	2.4041	.90065	9.1935

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02182	-.00055	393.38	-.00040	1.6312	7.4792	-.00045	.04614
Stddev	.00004	.00046	.35	.00049	.0321	.0045	.00003	.00366
%RSD	.18146	84.708	.08952	123.76	1.9672	.06072	6.9736	7.9319

#1	.02179	-.00087	393.13	-.00074	1.6539	7.4760	-.00042	.04873
#2	.02185	-.00022	393.63	-.00005	1.6085	7.4824	-.00047	.04355

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4418	4.1378	-.00219	.00423	.03701	.0144	.38035	4.3521
Stddev	.0259	.0012	.00027	.00207	.00052	.0005	.00136	.0015
%RSD	.40263	.02836	12.485	48.807	1.4104	3.538	.35695	.03385

#1	6.4235	4.1369	-.00238	.00570	.03664	.0141	.38131	4.3511
#2	6.4602	4.1386	-.00199	.00277	.03738	.0148	.37939	4.3531

Sample Name: J6438-02 Acquired: 12/17/2018 22:47:33 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 23571 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.6709
 Stddev .2140
 %RSD 4.5826

#1 4.5195
 #2 4.8222

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3223.0	42978.	4183.8	99.990	3421.8
Stddev	3.6	95.	11.0	2.093	1.9
%RSD	.11088	.22177	.26253	2.0933	.05552

#1	3225.6	42911.	4176.1	98.510	3423.2
#2	3220.5	43046.	4191.6	101.47	3420.5

Sample Name: J6440-01 Acquired: 12/17/2018 22:51:41 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00328	-.00426	.03147	.00345	-.00023	.11296	.15135	.00016
Stddev	.00094	.00309	.00093	.00243	.00034	.00225	.00138	.00002
%RSD	28.632	72.467	2.9544	70.311	148.54	1.9881	.90852	14.023

#1	.00261	-.00645	.03081	.00517	.00001	.11137	.15232	.00018
#2	.00394	-.00208	.03213	.00174	-.00047	.11454	.15038	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00173	25.968	.00066	.00473	-.00062	.01095	.42811	5.4101
Stddev	.00000	.008	.00022	.00008	.00026	.00467	.00031	.0356
%RSD	.14452	.03045	32.662	1.6218	42.126	42.687	.07227	.65731

#1	.00172	25.973	.00081	.00479	-.00044	.00764	.42833	5.4353
#2	.00173	25.962	.00051	.00468	-.00080	.01425	.42789	5.3850

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00615	.00083	411.00	.00036	.31409	7.1070	-.00010	.03567
Stddev	.00041	.00038	2.13	.00020	.00201	.0495	.00016	.01163
%RSD	6.7428	45.647	.51805	53.656	.64128	.69615	158.13	32.597

#1	.00645	.00110	409.49	.00050	.31552	7.1420	.00001	.02745
#2	.00586	.00056	412.50	.00023	.31267	7.0721	-.00022	.04389

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2703	2.3144	-.00124	.00463	.02139	.0083	.25787	4.3283
Stddev	.0164	.0298	.00028	.00025	.00060	.0006	.00198	.0390
%RSD	.22564	1.2881	22.869	5.5123	2.8097	7.515	.76955	.90189

#1	7.2819	2.3355	-.00144	.00445	.02181	.0088	.25927	4.3559
#2	7.2587	2.2933	-.00104	.00481	.02096	.0079	.25646	4.3007

Sample Name: J6440-01 Acquired: 12/17/2018 22:51:41 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.5165
Stddev .3155
%RSD 8.9719

#1 3.2934
#2 3.7396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3212.1	42597.	4139.4	100.23	3485.4
Stddev	13.2	345.	30.1	.88	13.5
%RSD	.41217	.80875	.72818	.88183	.38856

#1	3202.8	42354.	4118.1	99.608	3475.9
#2	3221.5	42841.	4160.7	100.86	3495.0

Sample Name: CCV13 Acquired: 12/17/2018 22:55:49 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8155	4.8227	4.8060	4.7285	4.7637	9.6677	9.7138	.24342
Stddev	.0107	.0000	.0106	.0036	.0069	.0654	.0418	.00030
%RSD	.22139	.00046	.21974	.07557	.14598	.67618	.43050	.12173
#1	4.8080	4.8227	4.8135	4.7260	4.7686	9.7139	9.7433	.24321
#2	4.8230	4.8226	4.7986	4.7310	4.7588	9.6214	9.6842	.24363
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3893	25.337	1.0336	2.3639	1.2086	4.8695	2.4828	25.100
Stddev	.0050	.141	.0032	.0045	.0005	.0858	.0028	.137
%RSD	.21025	.55771	.31283	.19090	.03873	1.7620	.11196	.54683
#1	2.3928	25.437	1.0358	2.3671	1.2090	4.9302	2.4848	25.197
#2	2.3857	25.237	1.0313	2.3607	1.2083	4.8089	2.4808	25.003
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3669	1.1866	23.930	2.4238	2.5612	24.417	4.8447	5.0035
Stddev	.0035	.0023	.042	.0006	.0436	.112	.0000	.0104
%RSD	.14598	.19554	.17405	.02331	1.7008	.45767	.00068	.20878
#1	2.3693	1.1883	23.960	2.4242	2.5920	24.496	4.8447	5.0109
#2	2.3644	1.1850	23.901	2.4234	2.5304	24.338	4.8448	4.9961
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6127	5.0604	4.8450	4.8332	4.8142	4.885	5.1660	F 3.9013
Stddev	.0102	.0254	.0121	.0111	.0213	.003	.0325	.1021
%RSD	.22080	.50109	.24966	.22973	.44290	.0512	.62831	2.6179
#1	4.6199	5.0784	4.8536	4.8411	4.8292	4.887	5.1890	3.9735
#2	4.6055	5.0425	4.8364	4.8254	4.7991	4.883	5.1431	3.8291

Sample Name: CCV13 Acquired: 12/17/2018 22:55:49 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.2913
Stddev .0620
%RSD 1.4453

#1 4.3352
#2 4.2475

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3321.1	44665.	4138.7	97.149	3586.8
Stddev	11.9	249.	28.5	1.835	17.1
%RSD	.35952	.55713	.68795	1.8885	.47541

#1	3312.6	44489.	4118.6	95.852	3574.7
#2	3329.5	44841.	4158.9	98.446	3598.8

Sample Name: CCB13 Acquired: 12/17/2018 22:59:35 Type: Unk
Method: P4-ICP2(v2661) 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	.00094	.00017	-.00124	.00088	.00012	.00064	.00362
Stddev	.00521	.00028	.00005	.00180	.00050	.00094	.00049
%RSD	552.41	164.59	3.9787	203.19	425.56	148.09	13.452

#1	.00462	-.00003	-.00120	.00216	.00047	-.00003	.00327
#2	-.00274	.00037	-.00127	-.00039	-.00024	.00130	.00396

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00009	-.02878	-.00022	-.00006	-.00076	.01305
Stddev	.00003	.00004	.02870	.00019	.00023	.00033	.00577
%RSD	35.736	46.482	99.723	84.495	373.09	43.763	44.181

#1	.00009	.00006	-.00849	-.00009	.00010	-.00053	.00897
#2	.00006	.00013	-.04907	-.00036	-.00022	-.00100	.01713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.01666	-.00072	.00008	.14238	.00020	-.00241
Stddev	.00000	.04290	.00037	.00008	.00173	.00036	.00013
%RSD	2.0754	257.53	51.418	109.76	1.2173	177.55	5.5730

#1	-.00011	-.01368	-.00098	.00002	.14360	.00046	-.00232
#2	-.00011	.04699	-.00046	.00014	.14115	-.00005	-.00251

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01834	.00039	-.00309	F -.01750	.00377	-.00036	.00568
Stddev	.02843	.00034	.01031	.00053	.00343	.00045	.00005
%RSD	155.07	86.165	333.10	3.0524	91.109	124.58	.92867

#1	-.00177	.00063	-.01038	-.01787	.00619	-.00004	.00565
#2	.03844	.00015	.00419	-.01712	.00134	-.00068	.00572

Sample Name: CCB13 Acquired: 12/17/2018 22:59:35 Type: Unk
Method: P4-ICP2(v2661) 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	.00173	-.0022	-.00006	F 3.1919	F .89982
Stddev	.00013	.0005	.00011	.0654	.68639
%RSD	7.5350	20.82	178.17	2.0481	76.281

#1	.00164	-.0019	-.00014	3.2381	1.3852
#2	.00182	-.0025	.00002	3.1456	.41447

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3463.8	46756.	4146.1	103.39	4059.1
Stddev	11.6	119.	49.5	2.69	3.3
%RSD	.33529	.25405	1.1941	2.6047	.08022

#1	3472.0	46672.	4111.1	101.48	4061.4
#2	3455.5	46840.	4181.1	105.29	4056.8

Sample Name: J6363-02 Acquired: 12/17/2018 23:03:42 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00149	-.00029	-.00066	-.00124	-.00304	-.00250	.02242	.00009
Stddev	.00059	.00076	.00028	.00148	.00040	.00207	.00110	.00002
%RSD	39.417	261.70	43.037	119.37	13.035	82.848	4.9079	21.581

#1	.00108	.00025	-.00086	-.00019	-.00332	-.00103	.02319	.00008
#2	.00191	-.00083	-.00046	-.00229	-.00276	-.00396	.02164	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	30.421	-.00029	-.00010	-.00054	.04574	.00263	13.172
Stddev	.00002	1.015	.00005	.00007	.00016	.00692	.00004	.500
%RSD	44.898	3.3364	18.477	67.275	29.871	15.123	1.6003	3.7930

#1	.00004	31.139	-.00033	-.00015	-.00042	.05064	.00266	13.526
#2	.00002	29.703	-.00025	-.00005	-.00065	.04085	.00260	12.819

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00081	.00050	79.803	.00002	-.00255	3.6843	-.00006	.02934
Stddev	.00053	.00040	3.194	.00009	.00017	.1275	.00022	.00432
%RSD	65.279	80.175	4.0024	434.88	6.7213	3.4602	364.68	14.712

#1	-.00044	.00022	82.061	.00009	-.00243	3.7745	.00009	.03239
#2	-.00119	.00079	77.544	-.00005	-.00268	3.5942	-.00021	.02629

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8225	2.9676	-.00395	.00405	-.00108	.0277	.16699	3.6509
Stddev	.1857	.0835	.00019	.00019	.00133	.0025	.00623	.1256
%RSD	2.3742	2.8151	4.8836	4.6671	123.61	8.884	3.7284	3.4390

#1	7.6912	3.0266	-.00381	.00418	-.00014	.0294	.17139	3.7397
#2	7.9539	2.9085	-.00409	.00392	-.00202	.0260	.16259	3.5621

Sample Name: J6363-02 Acquired: 12/17/2018 23:03:42 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9480
 Stddev .4451
 %RSD 15.097

#1 3.2627
 #2 2.6333

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3333.6	45080.	4088.6	101.57	3762.7
Stddev	66.5	109.	132.9	3.27	73.4
%RSD	1.9935	.24141	3.2515	3.2220	1.9504

#1	3380.6	45003.	3994.6	99.256	3814.6
#2	3286.6	45157.	4182.6	103.88	3710.8

Sample Name: J6363-03 Acquired: 12/17/2018 23:07:46 Type: Unk
Method: P4-ICP2(v2661) 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	-.00053	-.00222	.00000	-.00017	-.00270	-.00106	.02163	.00009
Stddev	.00081	.00074	.00063	.00042	.00022	.00519	.00025	.00007
%RSD	151.75	33.406	18207.	250.02	8.0625	491.05	1.1648	75.804

#1	.00004	-.00170	-.00044	-.00047	-.00286	.00261	.02181	.00013
#2	-.00110	-.00274	.00045	.00013	-.00255	-.00472	.02145	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	30.125	-.00006	-.00017	.00010	.05823	.00251	14.422
Stddev	.00003	.337	.00031	.00021	.00052	.00719	.00004	.003
%RSD	170.35	1.1180	510.02	122.89	535.55	12.341	1.6641	.01921

#1	.00004	29.887	.00016	-.00032	-.00027	.06332	.00254	14.420
#2	-.00000	30.363	-.00028	-.00002	.00046	.05315	.00248	14.424

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00161	.00010	91.030	.00038	-.00230	4.1149	-.00014	.03260
Stddev	.00051	.00028	.551	.00049	.00000	.0125	.00011	.00779
%RSD	31.483	269.01	.60548	128.97	.13009	.30301	79.888	23.892

#1	-.00125	.00030	91.420	.00073	-.00230	4.1237	-.00022	.03811
#2	-.00197	-.00009	90.640	.00003	-.00230	4.1061	-.00006	.02710

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3250	2.8651	-.00422	.00568	-.00152	.0307	.17283	3.6445
Stddev	.7802	.0143	.00025	.00009	.00084	.0028	.00145	.0207
%RSD	8.3662	.49778	5.9175	1.5348	55.525	9.086	.83652	.56689

#1	8.7734	2.8550	-.00440	.00574	-.00212	.0288	.17181	3.6299
#2	9.8767	2.8752	-.00405	.00562	-.00092	.0327	.17385	3.6591

Sample Name: J6363-03 Acquired: 12/17/2018 23:07:46 Type: Unk
 Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6465
 Stddev .0905
 %RSD 3.4202

#1 2.7105
 #2 2.5825

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3230.9	44836.	4223.4	103.84	3620.4
Stddev	237.7	206.	18.6	1.31	269.4
%RSD	7.3564	.45833	.43923	1.2579	7.4404

#1	3399.0	44982.	4210.3	102.92	3810.9
#2	3062.9	44691.	4236.5	104.76	3430.0

Sample Name: J6363-04 Acquired: 12/17/2018 23:11:50 Type: Unk
Method: P4-ICP2(v2661) 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	.00188	-.00062	-.00200	.00173	-.00195	.00905	.01953	.00010
Stddev	.00232	.00184	.00085	.00033	.00014	.02439	.00037	.00002
%RSD	123.32	297.12	42.313	19.126	7.2885	269.54	1.8951	19.026

#1	.00352	.00068	-.00140	.00150	-.00205	-.00820	.01979	.00009
#2	.00024	-.00192	-.00260	.00197	-.00185	.02630	.01926	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	28.650	-.00015	-.00020	-.00021	.05988	.00230	9.7812
Stddev	.00003	.149	.00015	.00016	.00041	.00409	.00001	.0587
%RSD	74.363	.52060	102.38	83.613	193.28	6.8332	.38989	.60009

#1	.00007	28.545	-.00025	-.00031	.00008	.06277	.00230	9.7397
#2	.00002	28.755	-.00004	-.00008	-.00051	.05699	.00229	9.8227

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	.00002	53.418	.00049	-.00250	2.6667	-.00028	.00700
Stddev	.00001	.00049	.323	.00032	.00006	.0176	.00033	.00233
%RSD	2.6995	2549.6	.60476	63.679	2.4733	.65963	120.55	33.223

#1	-.00052	.00037	53.190	.00072	-.00246	2.6791	-.00051	.00865
#2	-.00050	-.00033	53.647	.00027	-.00255	2.6542	-.00004	.00536

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8829	2.8793	-.00402	.00532	-.00352	.0282	.14603	3.6222
Stddev	.0104	.0151	.00072	.00001	.00048	.0002	.00113	.2994
%RSD	.17633	.52341	18.019	.17272	13.515	.6895	.77419	8.2643

#1	5.8755	2.8687	-.00351	.00532	-.00319	.0284	.14523	3.8339
#2	5.8902	2.8900	-.00453	.00531	-.00386	.0281	.14683	3.4105

Sample Name: J6363-04 Acquired: 12/17/2018 23:11:50 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2819
Stddev .2158
%RSD 9.4546

#1 2.1294
#2 2.4345

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3361.0	44794.	4202.6	105.34	3826.8
Stddev	1.3	969.	32.1	.66	.3
%RSD	.04003	2.1639	.76288	.62935	.00801

#1	3362.0	44108.	4225.3	104.87	3826.6
#2	3360.1	45479.	4179.9	105.81	3827.0

Sample Name: J6358-01 Acquired: 12/17/2018 23:15:54 Type: Unk
Method: P4-ICP2(v2661) 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	.00337	-.00061	-.00100	-.00117	-.00270	.01857	.02103	.00017
Stddev	.00161	.00072	.00061	.00281	.00059	.00729	.00086	.00005
%RSD	47.778	118.22	61.071	240.96	21.968	39.224	4.0810	28.325
#1	.00223	-.00111	-.00143	-.00316	-.00228	.02372	.02164	.00020
#2	.00450	-.00010	-.00057	.00082	-.00312	.01342	.02043	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	31.068	-.00003	-.00032	-.00040	.03793	.00410	19.809
Stddev	.00011	.826	.00062	.00012	.00004	.00102	.00000	.303
%RSD	199.50	2.6598	1805.3	36.838	10.192	2.6956	.02794	1.5312
#1	-.00014	31.652	-.00047	-.00024	-.00037	.03866	.00410	20.024
#2	.00002	30.484	.00040	-.00040	-.00043	.03721	.00410	19.595
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00168	-.00030	135.23	.00046	-.00237	5.7910	.00000	.04534
Stddev	.00025	.00110	2.08	.00005	.00008	.0653	.00008	.00443
%RSD	14.712	366.35	1.5373	10.938	3.2513	1.1278	8359.0	9.7800
#1	-.00150	.00048	136.70	.00050	-.00242	5.8371	-.00005	.04847
#2	-.00185	-.00108	133.76	.00043	-.00231	5.7448	.00005	.04220
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.819	2.7991	-.00635	.00365	-.00088	.0295	.20233	3.6458
Stddev	.144	.0671	.00022	.00145	.00050	.0024	.00460	.0208
%RSD	1.1240	2.3987	3.4545	39.874	56.605	8.026	2.2738	.56922
#1	12.717	2.8466	-.00651	.00467	-.00053	.0278	.20558	3.6604
#2	12.921	2.7517	-.00620	.00262	-.00123	.0312	.19908	3.6311

Sample Name: J6358-01 Acquired: 12/17/2018 23:15:54 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.1425
Stddev .5865
%RSD 18.662

#1 3.5572
#2 2.7278

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3263.0	44144.	4224.3	105.61	3614.6
Stddev	44.7	440.	82.2	.67	46.9
%RSD	1.3711	.99736	1.9465	.63420	1.2963

#1	3294.7	43832.	4166.2	105.14	3647.8
#2	3231.4	44455.	4282.5	106.08	3581.5

Sample Name: J6358-02RE Acquired: 12/17/2018 23:19:58 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00344	-.00125	-.00003	.00038	-.00240	-.00481	.02187	.00008
Stddev	.00155	.00173	.00106	.00196	.00019	.00097	.00091	.00004
%RSD	44.980	138.56	3434.8	520.58	7.8308	20.241	4.1663	45.829

#1	.00235	-.00003	-.00078	-.00101	-.00253	-.00550	.02251	.00011
#2	.00453	-.00247	.00072	.00176	-.00226	-.00412	.02122	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	31.451	-.00025	-.00010	-.00024	.04493	.00375	19.398
Stddev	.00004	.384	.00005	.00037	.00010	.00617	.00007	.065
%RSD	148.97	1.2212	18.806	367.66	42.553	13.734	1.7536	.33429

#1	.00000	31.722	-.00029	.00016	-.00017	.04057	.00370	19.444
#2	-.00006	31.179	-.00022	-.00036	-.00031	.04930	.00380	19.352

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00149	.00045	130.61	.00012	-.00235	5.6596	-.00005	.04544
Stddev	.00023	.00036	.92	.00011	.00000	.0608	.00026	.01037
%RSD	15.283	80.424	.70553	96.203	.05112	1.0740	488.11	22.813

#1	-.00165	.00071	131.26	.00019	-.00235	5.7026	-.00023	.05277
#2	-.00133	.00020	129.95	.00004	-.00235	5.6166	.00013	.03811

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.204	2.8538	-.00601	.00345	.00018	.0285	.20232	3.8398
Stddev	.003	.0449	.00094	.00064	.00171	.0004	.00060	.0806
%RSD	.02464	1.5737	15.681	18.632	925.82	1.459	.29411	2.0984

#1	12.202	2.8856	-.00535	.00299	.00139	.0282	.20275	3.7829
#2	12.206	2.8221	-.00668	.00390	-.00102	.0288	.20190	3.8968

Sample Name: J6358-02RE Acquired: 12/17/2018 23:19:58 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.0488
Stddev	.4310
%RSD	14.136

#1	2.7441
#2	3.3536

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3289.4	44070.	4114.6	101.20	3652.8
Stddev	4.0	119.	50.5	3.36	12.5
%RSD	.12180	.27014	1.2267	3.3204	.34117

#1	3286.5	44154.	4078.9	98.824	3644.0
#2	3292.2	43986.	4150.3	103.58	3661.6

Sample Name: J6358-03RE Acquired: 12/17/2018 23:24:02 Type: Unk
Method: P4-ICP2(v2661) 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	.00245	-.00018	-.00026	.00163	-.00195	.00137	.02142	.00015
Stddev	.00359	.00081	.00103	.00301	.00096	.00882	.00031	.00001
%RSD	146.66	460.48	389.67	184.87	49.259	642.72	1.4260	7.5084
#1	-.00009	.00040	.00046	-.00050	-.00127	.00761	.02120	.00015
#2	.00499	-.00075	-.00099	.00376	-.00264	-.00487	.02164	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	32.867	-.00048	.00012	-.00035	.05453	.00386	24.472
Stddev	.00005	.163	.00021	.00029	.00010	.00886	.00005	.040
%RSD	190.50	.49643	43.456	239.20	29.529	16.252	1.1859	.16224
#1	.00007	32.982	-.00033	.00033	-.00028	.04826	.00383	24.444
#2	-.00001	32.752	-.00062	-.00008	-.00043	.06079	.00389	24.500
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00172	.00046	172.54	.00107	-.00251	7.2842	-.00003	.05642
Stddev	.00020	.00026	.50	.00080	.00010	.0221	.00014	.00804
%RSD	11.877	56.028	.29163	74.858	3.9370	.30302	512.98	14.248
#1	-.00157	.00028	172.90	.00163	-.00244	7.2686	-.00013	.06211
#2	-.00186	.00065	172.18	.00050	-.00258	7.2998	.00007	.05074
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.390	2.8253	-.00686	.00496	.00141	.0310	.23112	3.7733
Stddev	.457	.0046	.00009	.00085	.00098	.0008	.00062	.1574
%RSD	2.9687	.16276	1.2523	17.117	69.664	2.589	.26791	4.1725
#1	15.067	2.8285	-.00693	.00436	.00210	.0316	.23156	3.6620
#2	15.713	2.8220	-.00680	.00556	.00071	.0305	.23069	3.8846

Sample Name: J6358-03RE Acquired: 12/17/2018 23:24:02 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.8436
Stddev	.8517
%RSD	22.158

#1	3.2414
#2	4.4458

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3291.1	43663.	4150.3	103.50	3625.2
Stddev	96.9	163.	14.2	1.68	104.4
%RSD	2.9428	.37233	.34290	1.6224	2.8799

#1	3359.5	43778.	4140.3	102.32	3699.1
#2	3222.6	43548.	4160.4	104.69	3551.4

Sample Name: J6358-04RE Acquired: 12/17/2018 23:28:06 Type: Unk
Method: P4-ICP2(v2661) 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	.00190	-.00063	-.00043	-.00014	-.00073	-.00538	.02143	.00010
Stddev	.00096	.00034	.00063	.00220	.00083	.00640	.00032	.00000
%RSD	50.384	54.553	146.72	1538.0	113.18	119.00	1.5136	3.0696
#1	.00258	-.00087	-.00088	-.00170	-.00015	-.00991	.02120	.00010
#2	.00122	-.00039	.00002	.00141	-.00132	-.00085	.02166	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	31.309	-.00048	-.00018	-.00025	.04696	.00382	19.331
Stddev	.00013	.127	.00063	.00008	.00039	.00979	.00029	.037
%RSD	221.14	.40708	131.23	47.384	152.04	20.842	7.6343	.19273
#1	-.00015	31.400	-.00003	-.00012	-.00053	.04004	.00362	19.357
#2	.00003	31.219	-.00092	-.00024	.00002	.05388	.00403	19.305
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00188	.00028	129.55	.00020	-.00250	5.5594	-.00023	.05386
Stddev	.00025	.00034	.14	.00002	.00006	.0712	.00016	.00200
%RSD	13.056	122.23	.10597	12.228	2.5655	1.2802	71.091	3.7208
#1	-.00171	.00004	129.65	.00018	-.00255	5.6097	-.00034	.05527
#2	-.00205	.00052	129.45	.00021	-.00246	5.5090	-.00011	.05244
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.150	2.8615	-.00543	.00463	-.00043	.0306	.19954	3.9466
Stddev	.218	.0294	.00015	.00012	.00090	.0008	.00139	.7405
%RSD	1.7969	1.0263	2.8121	2.5357	209.71	2.484	.69581	18.762
#1	11.996	2.8407	-.00554	.00471	.00021	.0300	.20052	3.4230
#2	12.304	2.8823	-.00532	.00454	-.00107	.0311	.19856	4.4702

Sample Name: J6358-04RE Acquired: 12/17/2018 23:28:06 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.0781
Stddev	.4883
%RSD	15.862

#1	2.7329
#2	3.4234

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3247.0	43063.	4060.6	100.31	3606.5
Stddev	39.3	2500.	5.8	.68	42.7
%RSD	1.2107	5.8056	.14209	.67776	1.1834

#1	3274.8	44831.	4064.7	100.79	3636.7
#2	3219.2	41295.	4056.6	99.827	3576.4

Sample Name: J6417-01 Acquired: 12/17/2018 23:32:10 Type: Unk
Method: P4-ICP2(v2661) 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	.00175	-.00083	-.00024	.00043	-.00119	-.00744	.02074	.00013
Stddev	.00056	.00050	.00151	.00005	.00039	.00137	.00001	.00003
%RSD	32.132	60.465	619.13	12.283	32.431	18.423	.03547	25.794
#1	.00135	-.00047	.00082	.00039	-.00147	-.00841	.02073	.00010
#2	.00215	-.00118	-.00131	.00047	-.00092	-.00647	.02074	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	31.249	-.00028	-.00020	.00014	.05553	.00668	19.014
Stddev	.00017	.044	.00019	.00015	.00012	.00865	.00000	.056
%RSD	452.50	.14167	65.848	76.292	82.669	15.579	.00098	.29222
#1	.00016	31.218	-.00015	-.00030	.00022	.04941	.00668	18.975
#2	-.00008	31.281	-.00041	-.00009	.00006	.06165	.00668	19.053
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00190	-.00029	126.95	-.00011	-.00245	5.4966	-.00009	.03716
Stddev	.00011	.00020	.23	.00013	.00007	.0286	.00011	.00487
%RSD	5.6860	68.596	.18251	113.60	2.9638	.52102	121.99	13.097
#1	-.00198	-.00042	126.79	-.00002	-.00240	5.5169	-.00001	.03372
#2	-.00182	-.00015	127.11	-.00020	-.00250	5.4764	-.00017	.04061
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.143	2.8971	-.00585	.00482	-.00153	.0416	.19716	3.7174
Stddev	.491	.0186	.00029	.00418	.00068	.0026	.00008	.0022
%RSD	4.0432	.64218	4.9007	86.770	44.628	6.359	.03844	.06061
#1	12.490	2.8839	-.00564	.00186	-.00202	.0434	.19721	3.7158
#2	11.796	2.9102	-.00605	.00778	-.00105	.0397	.19710	3.7190

Sample Name: J6417-01 Acquired: 12/17/2018 23:32:10 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.9402
Stddev	.3476
%RSD	11.822

#1	2.6944
#2	3.1859

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3195.0	43775.	4085.0	101.76	3540.3
Stddev	90.8	90.	11.7	1.06	108.0
%RSD	2.8430	.20512	.28692	1.0388	3.0496

#1	3130.8	43839.	4093.3	102.50	3464.0
#2	3259.2	43712.	4076.7	101.01	3616.7

Sample Name: J6417-01DUP Acquired: 12/17/2018 23:36:14 Type: Unk
Method: P4-ICP2(v2661) 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	k .00418	k -.00072	k .00030	k -.00037	k -.00295	s -.00285	.02193
Stddev	.00021	.00100	.00120	.00025	.00028	.01812	.00014
%RSD	4.9988	138.03	395.42	68.457	9.4084	636.45	.64785

#1	k .00404	k -.00143	k .00115	k -.00055	k -.00315	s -.01566	.02183
#2	.00433	-.00002	-.00054	-.00019	-.00275	.00997	.02203

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .00004	k -.00002	31.316	s -.00044	k -.00005	k -.00044	k .05302
Stddev	.00007	.00006	.218	.00018	.00029	.00041	.00059
%RSD	165.35	284.33	.69623	41.245	573.44	92.046	1.1082

#1	s -.00001	k .00002	31.471	s -.00056	k .00015	k -.00015	k .05343
#2	.00010	-.00007	31.162	-.00031	-.00025	-.00073	.05260

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .00395	18.937	k -.00187	s .00016	126.84	s .00035	k -.00240
Stddev	.00414	.169	.00003	.00015	.41	.00029	.00001
%RSD	104.92	.89436	1.3935	96.222	.32124	83.470	.51814

#1	s .00102	19.057	k -.00189	s .00005	126.55	s .00014	k -.00241
#2	.00687	18.817	-.00185	.00027	127.13	.00055	-.00239

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4839	-.00021	k .03737	kF 11.785	k 2.9348	k -.00410	k .00456
Stddev	.0204	.00011	.00211	.002	.0159	.00322	.00115
%RSD	.37110	52.822	5.6380	.01711	.54067	78.579	25.129

#1	5.4695	-.00013	k .03886	k 11.786	k 2.9460	k -.00182	k .00375
#2	5.4983	-.00029	.03588	11.783	2.9236	-.00638	.00537

Sample Name: J6417-01DUP Acquired: 12/17/2018 23:36:14 Type: Unk
Method: P4-ICP2(v2661) 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	-.00020	k .0413	k .19660	4.2275	3.2219
Stddev	.00020	.0010	.00015	.3507	.0159
%RSD	100.79	2.439	.07796	8.2965	.49203

#1	-.00034	k .0406	k .19649	4.4755	3.2107
#2	-.00006	.0421	.19671	3.9795	3.2331

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3264.1	^ *****	4085.8	101.14	3623.0
Stddev	11.6	-----	1.0	.42	11.2
%RSD	.35449	-----	.02396	.41603	.30800

#1	3272.3	^ -----	4085.1	100.84	3630.9
#2	3256.0	42955.	4086.5	101.44	3615.1

Sample Name: J6417-01LX5 Acquired: 12/17/2018 23:40:18 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7812 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00325	-.00076	-.00030	-.00019	-.00068	-.00752	.00686	.00004
Stddev	.00272	.00066	.00090	.00241	.00079	.00434	.00044	.00006
%RSD	83.671	87.275	293.98	1293.4	116.66	57.667	6.4823	153.49

#1	.00518	-.00029	.00033	.00152	-.00012	-.00445	.00654	-.00000
#2	.00133	-.00123	-.00094	-.00189	-.00124	-.01058	.00717	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	7.2391	-.00045	-.00014	-.00093	.01701	.00119	3.7482
Stddev	.00000	.0294	.00002	.00009	.00056	.00860	.00001	.0531
%RSD	17.400	.40671	3.6159	63.060	60.151	50.538	.75995	1.4172

#1	.00002	7.2183	-.00043	-.00021	-.00133	.02309	.00119	3.7106
#2	.00002	7.2600	-.00046	-.00008	-.00054	.01093	.00120	3.7857

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	-.00021	24.901	-.00013	-.00222	1.1306	-.00034	-.00075
Stddev	.00026	.00067	.013	.00075	.00001	.0046	.00005	.00558
%RSD	27.030	323.97	.05133	597.87	.32767	.40961	13.459	743.78

#1	-.00077	.00027	24.910	.00040	-.00222	1.1339	-.00037	-.00469
#2	-.00113	-.00068	24.892	-.00065	-.00223	1.1274	-.00031	.00319

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2334	.57708	-.00167	.00601	.00639	.0056	.03957	3.4516
Stddev	.0524	.00113	.00010	.00124	.00109	.0025	.00010	.0279
%RSD	2.3457	.19501	6.2200	20.600	16.982	44.26	.25646	.80815

#1	2.2705	.57629	-.00159	.00689	.00716	.0073	.03949	3.4319
#2	2.1964	.57788	-.00174	.00513	.00563	.0038	.03964	3.4713

Sample Name: J6417-01LX5 Acquired: 12/17/2018 23:40:18 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7812 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.8663
Stddev	.5167
%RSD	27.685

#1	2.2317
#2	1.5010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3312.7	45176.	4126.1	103.74	3812.8
Stddev	53.2	9.	1.5	.14	57.2
%RSD	1.6074	.02055	.03651	.13585	1.4991

#1	3275.0	45170.	4127.2	103.64	3772.4
#2	3350.3	45183.	4125.1	103.84	3853.2

Sample Name: CCV14 Acquired: 12/17/2018 23:44:24 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7958	4.8477	4.8113	4.7264	4.7598	9.6631	9.7583	.24369
Stddev	.0637	.0480	.0581	.0511	.0607	.0097	.0659	.00059
%RSD	1.3290	.99041	1.2082	1.0809	1.2745	.10081	.67567	.24296
#1	4.7507	4.8137	4.7702	4.6903	4.7170	9.6562	9.8049	.24411
#2	4.8408	4.8816	4.8524	4.7625	4.8027	9.6700	9.7117	.24327
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3953	25.430	1.0300	2.3653	1.2138	4.8262	2.4829	25.469
Stddev	.0272	.019	.0051	.0301	.0150	.0561	.0053	.235
%RSD	1.1371	.07371	.49403	1.2716	1.2333	1.1628	.21218	.92202
#1	2.3761	25.444	1.0336	2.3440	1.2033	4.7866	2.4866	25.635
#2	2.4146	25.417	1.0264	2.3866	1.2244	4.8659	2.4792	25.303
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3814	1.1938	24.175	2.4389	2.5263	24.551	4.8721	5.0812
Stddev	.0296	.0011	.186	.0041	.0221	.049	.0627	.0055
%RSD	1.2443	.09173	.76870	.16908	.87351	.19976	1.2867	.10896
#1	2.3605	1.1945	24.306	2.4418	2.5107	24.585	4.8277	5.0852
#2	2.4024	1.1930	24.043	2.4360	2.5420	24.516	4.9164	5.0773
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6688	5.0570	4.8715	4.8622	4.8358	4.887	5.1557	F 3.8763
Stddev	.0660	.0800	.0591	.0227	.0350	.059	.0331	.0778
%RSD	1.4138	1.5826	1.2123	.46764	.72485	1.203	.64123	2.0078
#1	4.6222	5.1136	4.8297	4.8783	4.8606	4.846	5.1791	3.9313
#2	4.7155	5.0004	4.9133	4.8461	4.8110	4.929	5.1324	3.8213

Sample Name: CCV14 Acquired: 12/17/2018 23:44:24 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.9407
Stddev .2227
%RSD 5.6511

#1 3.7832
#2 4.0981

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3291.8	44245.	4085.8	97.686	3550.2
Stddev	35.2	82.	45.6	.742	34.6
%RSD	1.0689	.18443	1.1156	.75961	.97600

#1	3316.7	44187.	4053.5	98.211	3574.7
#2	3266.9	44302.	4118.0	97.161	3525.7

Sample Name: CCB14 Acquired: 12/17/2018 23:48:11 Type: Unk
Method: P4-ICP2(v2661) 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	.00400	-.00060	-.00075	.00111	-.00018	-.00171	.00444
Stddev	.00116	.00014	.00047	.00086	.00120	.00917	.00033
%RSD	28.949	23.024	62.698	77.218	666.41	536.54	7.4102

#1	.00482	-.00070	-.00042	.00172	.00067	-.00820	.00421
#2	.00318	-.00050	-.00109	.00050	-.00103	.00478	.00467

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00003	-.02791	-.00003	-.00012	-.00144	.01364
Stddev	.00007	.00005	.00991	.00031	.00000	.00000	.00199
%RSD	154.50	194.65	35.520	1173.0	1.0744	.05509	14.630

#1	-.00000	-.00001	-.03492	.00019	-.00012	-.00144	.01505
#2	.00009	.00006	-.02090	-.00025	-.00012	-.00144	.01223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00595	-.00014	.00007	.12422	-.00023	-.00237
Stddev	.00015	.00337	.00037	.00007	.00413	.00015	.00015
%RSD	141.89	56.677	262.19	106.49	3.3225	63.317	6.1342

#1	-.00022	-.00357	-.00040	.00002	.12713	-.00013	-.00227
#2	.00000	-.00834	.00012	.00011	.12130	-.00034	-.00247

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03231	.00013	-.00472	F -.01174	.00249	.00001	.00675
Stddev	.04472	.00006	.00059	.00330	.00152	.00130	.00019
%RSD	138.42	44.660	12.562	28.086	61.041	13858.	2.8131

#1	.00069	.00018	-.00430	-.00941	.00356	-.00091	.00662
#2	.06393	.00009	-.00514	-.01407	.00141	.00093	.00689

Sample Name: CCB14 Acquired: 12/17/2018 23:48:11 Type: Unk
 Method: P4-ICP2(v2661) 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	.00290	-.0038	-.00011	F 3.1667	F 1.1432
Stddev	.00014	.0002	.00000	.1827	.4387
%RSD	4.9080	4.968	2.2127	5.7694	38.376

#1	.00280	-.0039	-.00011	3.0375	.83296
#2	.00300	-.0036	-.00011	3.2959	1.4534

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3445.6	46453.	4150.2	103.84	4037.6
Stddev	9.3	249.	55.0	3.03	14.7
%RSD	.27064	.53610	1.3264	2.9167	.36465

#1	3452.2	46629.	4111.3	101.70	4048.0
#2	3439.0	46277.	4189.2	105.98	4027.2

Sample Name: J6417-01MS Acquired: 12/17/2018 23:52:17 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7812 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92822	2.2489	1.1232	2.3155	.91262	2.3546	.25947	.24537
Stddev	.00243	.0088	.0013	.0026	.00149	.0061	.00101	.00038
%RSD	.26184	.38938	.11827	.11306	.16275	.25826	.38881	.15493
#1	.92994	2.2427	1.1222	2.3137	.91367	2.3503	.26018	.24564
#2	.92650	2.2551	1.1241	2.3174	.91157	2.3589	.25876	.24510
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22577	32.406	.50651	.22676	.35653	3.4840	.24876	21.216
Stddev	.00024	.044	.00042	.00047	.00077	.0370	.00005	.060
%RSD	.10703	.13619	.08259	.20625	.21641	1.0611	.02091	.28490
#1	.22560	32.438	.50680	.22643	.35708	3.5101	.24873	21.258
#2	.22594	32.375	.50621	.22709	.35599	3.4579	.24880	21.173
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56877	.07507	129.77	.36342	.24593	17.727	.47043	.39424
Stddev	.00183	.00021	.54	.00005	.00345	.010	.00006	.00940
%RSD	.32217	.28630	.41617	.01507	1.4019	.05534	.01307	2.3833
#1	.56747	.07491	130.15	.36346	.24837	17.734	.47047	.38760
#2	.57007	.07522	129.38	.36338	.24349	17.720	.47038	.40089
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.524	3.9981	.79242	.23246	.23178	6.863	.43248	3.8823
Stddev	.039	.0225	.00284	.00182	.00142	.006	.00188	.0223
%RSD	.33990	.56311	.35838	.78426	.61318	.0853	.43444	.57582
#1	11.497	4.0141	.79041	.23375	.23278	6.859	.43381	3.8665
#2	11.552	3.9822	.79443	.23117	.23077	6.867	.43115	3.8981

Sample Name: J6417-01MS Acquired: 12/17/2018 23:52:17 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7812 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.1393
Stddev	.5574
%RSD	26.054

#1	2.5334
#2	1.7452

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3298.1	44093.	4063.0	100.90	3626.9
Stddev	9.1	63.	25.5	1.38	2.2
%RSD	.27566	.14211	.62644	1.3693	.06045

#1	3291.7	44137.	4045.0	99.920	3625.3
#2	3304.6	44048.	4081.0	101.87	3628.4

Sample Name: J6417-01MSD Acquired: 12/17/2018 23:56:08 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14367 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92626	2.2572	1.1223	2.3230	.91402	2.3763	.26356	.25074
Stddev	.00878	.0021	.0052	.0045	.00134	.0660	.00918	.00783
%RSD	.94817	.09237	.46151	.19226	.14645	2.7782	3.4831	3.1218

#1	.93247	2.2587	1.1260	2.3198	.91307	2.4229	.25707	.25628
#2	.92005	2.2558	1.1187	2.3261	.91497	2.3296	.27005	.24521

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22638	32.629	.51494	.22675	.35653	3.5460	.25458	21.677
Stddev	.00066	1.250	.01740	.00069	.00138	.1450	.00828	.826
%RSD	.29055	3.8321	3.3799	.30537	.38813	4.0892	3.2516	3.8118

#1	.22685	31.745	.52725	.22724	.35751	3.4434	.26043	21.093
#2	.22591	33.514	.50264	.22626	.35555	3.6485	.24873	22.262

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57005	.07763	131.74	.37171	.25281	17.974	.47007	.40497
Stddev	.00170	.00184	4.20	.01039	.00811	.550	.00020	.01661
%RSD	.29786	2.3739	3.1890	2.7958	3.2088	3.0591	.04218	4.1015

#1	.57125	.07894	128.77	.37906	.24708	17.586	.47021	.39322
#2	.56884	.07633	134.71	.36436	.25855	18.363	.46993	.41671

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.549	4.1044	.79084	.23600	.23393	6.888	.43537	3.9570
Stddev	.025	.1094	.00192	.00549	.01109	.012	.01339	.4407
%RSD	.21565	2.6657	.24236	2.3264	4.7410	.1743	3.0754	11.139

#1	11.567	4.0271	.79220	.23212	.22609	6.897	.42591	4.2686
#2	11.531	4.1818	.78949	.23988	.24177	6.880	.44484	3.6453

Sample Name: J6417-01MSD Acquired: 12/17/2018 23:56:08 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14367 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.4310
Stddev	.2270
%RSD	9.3387

#1	2.2705
#2	2.5915

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3283.0	42867.	3957.0	97.890	3603.1
Stddev	1.0	1244.	120.1	3.494	4.9
%RSD	.03015	2.9009	3.0338	3.5694	.13714

#1	3283.7	41987.	4041.9	100.36	3606.5
#2	3282.3	43746.	3872.1	95.420	3599.6

Sample Name: J6417-01A Acquired: 12/17/2018 23:59:59 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14367 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92170	2.2522	1.1174	2.3185	.91174	2.3080	.25734	.24306
Stddev	.00156	.0040	.0028	.0091	.00529	.0473	.00193	.01037
%RSD	.16907	.17746	.25108	.39344	.58062	2.0473	.75053	4.2681
#1	.92280	2.2550	1.1194	2.3121	.90800	2.2746	.25598	.23573
#2	.92060	2.2494	1.1155	2.3250	.91548	2.3414	.25871	.25040
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22583	31.494	.49680	.22607	.35587	3.4908	.24586	21.146
Stddev	.00007	.139	.02208	.00138	.00144	.0129	.01090	.108
%RSD	.03021	.44093	4.4446	.61142	.40351	.36958	4.4331	.50987
#1	.22579	31.396	.48118	.22509	.35485	3.4817	.23815	21.070
#2	.22588	31.592	.51241	.22705	.35689	3.4999	.25357	21.222
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56852	.07067	128.23	.36090	.24585	17.424	.46864	.39207
Stddev	.00020	.00314	1.10	.01606	.00337	.173	.00193	.00940
%RSD	.03601	4.4413	.86039	4.4498	1.3724	.99005	.41140	2.3968
#1	.56837	.06845	127.45	.34955	.24346	17.302	.46728	.39872
#2	.56866	.07289	129.01	.37226	.24823	17.546	.47001	.38543
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.494	3.9390	.78751	.23206	.22715	6.848	.41974	3.6727
Stddev	.026	.0905	.00241	.00265	.00323	.017	.00371	.4288
%RSD	.22362	2.2985	.30611	1.1410	1.4198	.2419	.88363	11.674
#1	11.476	3.8750	.78922	.23019	.22487	6.836	.41712	3.3695
#2	11.512	4.0030	.78581	.23393	.22943	6.859	.42236	3.9759

Sample Name: J6417-01A Acquired: 12/17/2018 23:59:59 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14367 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.3525
Stddev	.6168
%RSD	26.219

#1	2.7886
#2	1.9164

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3270.3	43986.	4054.9	99.922	3587.3
Stddev	8.5	1542.	66.9	1.527	6.5
%RSD	.26142	3.5046	1.6509	1.5282	.18248

#1	3276.4	45076.	4102.2	101.00	3592.0
#2	3264.3	42896.	4007.5	98.842	3582.7

Sample Name: J6417-02 Acquired: 12/18/2018 0:03:50 Type: Unk
 Method: P4-ICP2(v2661) 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	.00334	-.00110	.00002	.00009	-.00158	-.01917	.02657	.00006
Stddev	.00102	.00034	.00024	.00240	.00221	.00928	.00456	.00005
%RSD	30.426	31.272	1004.3	2801.4	139.91	48.401	17.176	94.218

#1	.00406	-.00134	.00019	.00179	-.00002	-.01261	.02334	.00002
#2	.00262	-.00086	-.00014	-.00161	-.00314	-.02574	.02980	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	35.910	-.00038	-.00016	-.00053	.03833	.00632	22.347
Stddev	.00000	4.576	.00013	.00015	.00009	.00193	.00027	2.702
%RSD	4.0693	12.744	33.129	95.019	17.386	5.0454	4.2346	12.092

#1	-.00007	32.674	-.00029	-.00005	-.00046	.03697	.00613	20.436
#2	-.00006	39.146	-.00047	-.00026	-.00059	.03970	.00651	24.257

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00200	.00034	150.27	.00054	-.00193	6.3683	.00009	.05728
Stddev	.00031	.00002	17.36	.00034	.00014	.6765	.00022	.01167
%RSD	15.769	5.6956	11.550	63.596	7.1436	10.624	237.99	20.373

#1	-.00177	.00032	137.99	.00078	-.00203	5.8899	.00025	.04903
#2	-.00222	.00035	162.54	.00030	-.00183	6.8467	-.00006	.06554

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.153	3.3161	-.00546	.00760	.00167	.0388	.22603	3.8325
Stddev	.281	.3640	.00043	.00162	.00039	.0007	.02924	.4052
%RSD	2.3129	10.978	7.8933	21.324	23.079	1.872	12.935	10.574

#1	11.954	3.0586	-.00576	.00645	.00140	.0383	.20536	3.5459
#2	12.352	3.5735	-.00515	.00874	.00195	.0393	.24670	4.1190

Sample Name: J6417-02 Acquired: 12/18/2018 0:03:50 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.1711
Stddev	.1040
%RSD	3.2792

#1	3.0976
#2	3.2446

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3222.8	42842.	3561.4	87.455	3561.6
Stddev	70.3	1222.	382.5	8.074	74.8
%RSD	2.1799	2.8529	10.740	9.2323	2.1010

#1	3272.5	43707.	3831.8	93.165	3614.6
#2	3173.2	41978.	3290.9	81.746	3508.7

Sample Name: J6417-03 Acquired: 12/18/2018 0:07:54 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00290	-.00239	-.00088	.00172	-.00210	.00509	.02274	.00013
Stddev	.00075	.00037	.00073	.00010	.00125	.00348	.00033	.00004
%RSD	25.853	15.544	82.588	5.6405	59.655	68.487	1.4402	31.173
#1	.00343	-.00265	-.00139	.00179	-.00121	.00755	.02251	.00010
#2	.00237	-.00213	-.00037	.00165	-.00298	.00262	.02298	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	31.857	-.00038	-.00013	-.00002	.03720	.00724	21.403
Stddev	.00008	.032	.00024	.00007	.00035	.00554	.00207	.023
%RSD	119.87	.09942	62.182	51.467	1559.5	14.905	28.522	.10777
#1	-.00001	31.880	-.00021	-.00009	-.00027	.04112	.00578	21.419
#2	-.00012	31.835	-.00055	-.00018	.00022	.03328	.00870	21.386
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00200	.00061	146.33	.00060	-.00239	6.1993	-.00006	.05743
Stddev	.00043	.00070	1.59	.00034	.00008	.0076	.00019	.00654
%RSD	21.686	115.62	1.0853	56.055	3.2443	.12216	299.94	11.381
#1	-.00231	.00011	147.45	.00036	-.00245	6.1940	-.00020	.05281
#2	-.00169	.00110	145.20	.00084	-.00234	6.2047	.00007	.06205
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.357	2.9563	-.00664	.00262	.00139	.0379	.20897	5.2338
Stddev	.065	.0497	.00038	.00113	.00066	.0003	.00004	2.2171
%RSD	.48937	1.6811	5.6516	43.068	47.673	.9161	.01774	42.361
#1	13.404	2.9212	-.00637	.00341	.00092	.0382	.20900	3.6661
#2	13.311	2.9915	-.00691	.00182	.00186	.0377	.20895	6.8016

Sample Name: J6417-03 Acquired: 12/18/2018 0:07:54 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.5925
Stddev .3266
%RSD 9.0919

#1 3.3616
#2 3.8235

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3238.8	37287.	4037.1	99.878	3568.2
Stddev	4.1	8729.	47.7	.061	8.6
%RSD	.12803	23.410	1.1827	.06132	.23969

#1	3235.9	43459.	4003.3	99.922	3562.1
#2	3241.7	31115.	4070.8	99.835	3574.2

Sample Name: J6417-04 Acquired: 12/18/2018 0:11:58 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00365	k .00004	k -.00022	k -.00405	k -.00234	s -.00298	.02205
Stddev	.00142	.00017	.00040	.00055	.00283	.01963	.00246
%RSD	38.902	423.24	179.77	13.666	120.94	658.60	11.178

#1	k .00265	k .00016	k -.00051	k -.00445	k -.00034	s -.01686	.02031
#2	.00466	-.00008	.00006	-.00366	-.00434	.01090	.02379

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .00011	k -.00006	32.441	s -.00026	k -.00042	k -.00003	k .03922
Stddev	.00005	.00000	1.858	.00012	.00032	.00000	.00710
%RSD	46.997	4.9883	5.7268	48.370	76.429	15.967	18.107

#1	s .00007	k -.00006	31.128	s -.00034	k -.00065	k -.00003	k .04424
#2	.00014	-.00006	33.755	-.00017	-.00019	-.00002	.03420

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .00439	22.004	k -.00170	s .00036	149.37	s .00025	k -.00221
Stddev	.00228	1.090	.00027	.00032	7.91	.00012	.00009
%RSD	52.034	4.9541	15.780	89.742	5.2959	48.425	4.1510

#1	s .00278	21.233	k -.00151	s .00013	143.77	s .00033	k -.00228
#2	.00601	22.775	-.00188	.00059	154.96	.00016	-.00215

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2913	.00010	k .04812	kF 13.151	k 2.9526	k -.00397	k .00263
Stddev	.3584	.00028	.00899	.009	.1803	.00394	.00283
%RSD	5.6971	274.93	18.680	.06984	6.1058	99.350	107.33

#1	6.0378	-.00010	k .05448	k 13.158	k 2.8251	k -.00118	k .00463
#2	6.5447	.00030	.04177	13.145	3.0801	-.00676	.00063

Sample Name: J6417-04 Acquired: 12/18/2018 0:11:58 Type: Unk
 Method: P4-ICP2(v2661) 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	-.00078	k .0365	k .21292	3.0398	3.5348
Stddev	.00234	.0012	.01174	1.1405	.2382
%RSD	298.91	3.182	5.5139	37.520	6.7386
#1	-.00244	k .0373	k .20461	2.2333	3.3663
#2	.00087	.0357	.22122	3.8463	3.7032
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3254.7	^ *****	3924.3	95.910	3584.1
Stddev	8.5	-----	169.2	3.026	6.7
%RSD	.26041	-----	4.3118	3.1549	.18653
#1	3260.6	^ -----	4043.9	98.050	3588.8
#2	3248.7	42346.	3804.6	93.771	3579.3

Sample Name: CCV15 Acquired: 12/18/2018 0:16:02 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8289	4.8982	4.8388	4.7527	4.7754	9.6361	9.8045	.24729
Stddev	.0005	.0073	.0031	.0135	.0041	.0687	.0080	.00030
%RSD	.00963	.14980	.06324	.28400	.08574	.71258	.08194	.12268

#1	4.8292	4.9034	4.8410	4.7623	4.7783	9.5876	9.8102	.24750
#2	4.8286	4.8931	4.8367	4.7432	4.7725	9.6847	9.7988	.24707

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4214	25.234	1.0402	2.3876	1.2271	4.8341	2.5127	25.830
Stddev	.0029	.163	.0038	.0027	.0019	.1154	.0027	.133
%RSD	.12062	.64580	.36206	.11244	.15365	2.3869	.10638	.51549

#1	2.4235	25.119	1.0375	2.3895	1.2284	4.9157	2.5108	25.736
#2	2.4193	25.349	1.0428	2.3857	1.2258	4.7525	2.5146	25.924

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4083	1.2165	24.652	2.4888	2.5299	24.784	4.9465	5.1081
Stddev	.0072	.0007	.071	.0051	.0610	.126	.0043	.0227
%RSD	.29814	.05449	.28900	.20630	2.4123	.50983	.08715	.44491

#1	2.4134	1.2170	24.703	2.4852	2.5731	24.694	4.9496	5.0920
#2	2.4033	1.2160	24.602	2.4925	2.4867	24.873	4.9435	5.1242

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7176	5.1033	4.9469	4.9376	4.8781	4.930	5.1255	F 3.9238
Stddev	.0007	.0110	.0023	.0277	.0008	.011	.0298	.0687
%RSD	.01447	.21472	.04722	.56174	.01556	.2307	.58153	1.7504

#1	4.7172	5.0956	4.9486	4.9180	4.8786	4.938	5.1044	3.8752
#2	4.7181	5.1111	4.9453	4.9572	4.8776	4.922	5.1466	3.9723

Sample Name: CCV15 Acquired: 12/18/2018 0:16:02 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.1861
Stddev .3099
%RSD 7.4029

#1 4.4052
#2 3.9669

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3225.9	43338.	3990.3	96.225	3476.7
Stddev	10.3	28.	3.1	2.435	11.8
%RSD	.31965	.06536	.07887	2.5307	.34068

#1	3218.6	43318.	3988.1	94.503	3468.3
#2	3233.2	43358.	3992.5	97.947	3485.1

Sample Name: CCB15 Acquired: 12/18/2018 0:19:49 Type: Unk
Method: P4-ICP2(v2661) 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	.00216	-.00115	.00028	.00080	.00026	.00426	.00477	.00001
Stddev	.00137	.00098	.00004	.00021	.00068	.00626	.00236	.00003
%RSD	63.487	85.251	13.518	25.652	260.72	146.96	49.524	426.16

#1	.00119	-.00046	.00026	.00066	-.00022	-.00017	.00644	.00003
#2	.00313	-.00184	.00031	.00095	.00075	.00868	.00310	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.05877	-.00052	-.00014	-.00126	.01206	-.00009	.01003
Stddev	.00001	.02517	.00001	.00001	.00014	.00832	.00002	.02072
%RSD	8.3594	42.828	2.4123	3.8905	10.987	68.992	26.006	206.57

#1	.00008	-.07657	-.00051	-.00014	-.00116	.00618	-.00011	-.00462
#2	.00010	-.04097	-.00053	-.00014	-.00135	.01794	-.00008	.02468

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	.00031	.14985	-.00027	-.00220	-.00878	.00038	-.01212
Stddev	.00006	.00063	.00023	.00009	.00012	.05819	.00038	.00307
%RSD	8.5798	204.50	.15357	34.652	5.5651	662.68	99.534	25.357

#1	-.00070	.00075	.14969	-.00034	-.00211	-.04993	.00066	-.01429
#2	-.00062	-.00014	.15002	-.00020	-.00228	.03237	.00011	-.00995

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00558	.00524	.00006	.00573	F .00538	-.0009	-.00010	F 3.0596
Stddev	.00114	.00103	.00063	.00134	.00148	.0010	.00004	.1094
%RSD	20.508	19.606	1029.8	23.384	27.478	118.5	38.465	3.5763

#1	-.00639	.00452	.00051	.00668	.00643	-.0016	-.00007	3.1370
#2	-.00477	.00597	-.00039	.00478	.00434	-.0001	-.00013	2.9823

Sample Name: CCB15 Acquired: 12/18/2018 0:19:49 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5476
Stddev .0477
%RSD 3.0824

#1 1.5814
#2 1.5139

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3404.6	46066.	4051.0	100.42	3961.9
Stddev	8.0	156.	250.1	6.33	.9
%RSD	.23531	.33917	6.1739	6.3023	.02213

#1	3399.0	45955.	3874.2	95.942	3962.5
#2	3410.3	46176.	4227.9	104.89	3961.3

Sample Name: J6438-13 Acquired: 12/18/2018 0:23:56 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .23219	kF -2.4613	k 1.8460	kF -4.3834	k .22688	k -.63632	3.2260
Stddev	.00541	.0254	.0307	.0241	.00492	.01098	.0102
%RSD	2.3316	1.0329	1.6619	.54936	2.1680	1.7257	.31746

#1	k .23602	k -2.4434	k 1.8243	k -4.4004	k .23036	k -.62855	3.2188
#2	k .22837	k -2.4793	k 1.8677	k -4.3664	k .22340	k -.64408	3.2333

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06482	k 3.1981	C .00000	k -.13420	k -.01748	k 1.5316	kF 10104.
Stddev	.00007	.0330	.00000	.00013	.00613	.0168	919.
%RSD	.10953	1.0328	.00000	.09509	35.039	1.0994	9.0953

#1	.06487	k 3.1748	C .00000	k -.13429	k -.01315	k 1.5435	k 9453.7
#2	.06477	k 3.2215	C .00000	k -.13411	k -.02181	k 1.5197	k 10753.

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 52.535	261.73	k .97361	^ *****	F 3717.0	k .05560	k 3.3387
Stddev	.068	1.37	.01166	-----	63.1	.00002	.3105
%RSD	.12968	.52175	1.1979	-----	1.6964	.03287	9.2985

#1	52.583	260.77	k .96536	^ -----	3761.6	k .05562	k 3.1192
#2	52.487	262.70	k .98186	^ -----	3672.5	k .05559	k 3.5582

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	279.26	-.07287	kF -14.736	kF 389.46	F 31.080	k .22606	k -.06611
Stddev	1.63	.00116	.032	4.97	.068	.00637	.00110
%RSD	.58290	1.5983	.21982	1.2756	.21949	2.8165	1.6616

#1	278.11	-.07369	k -14.713	k 385.95	31.031	k .23056	k -.06533
#2	280.41	-.07204	k -14.759	k 392.97	31.128	k .22155	k -.06689

Sample Name: J6438-13 Acquired: 12/18/2018 0:23:56 Type: Unk
Method: P4-ICP2(v2661) 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	.20930	kF 11.59	kF 18.525	<.00000	^ *****
Stddev	.03121	.14	.130	.05408	-----
%RSD	14.912	1.195	.70308	.50343	-----
#1	.18723	k 11.49	k 18.433	-10.704	^ -----
#2	.23137	k 11.69	k 18.617	-10.780	^ -----
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1766.9	25778.	3191.1	39.441	638.88
Stddev	2.9	1.	4.7	3.642	5.34
%RSD	.16253	.00285	.14730	9.2333	.83568
#1	1764.8	25778.	3187.7	42.016	642.66
#2	1768.9	25777.	3194.4	36.866	635.11

Sample Name: CCV16 Acquired: 12/18/2018 0:28:20 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7730	4.8765	4.7942	4.7110	4.7063	9.7270	9.6881	.24898
Stddev	.0139	.0170	.0256	.0228	.0184	.1783	.0429	.00402
%RSD	.29170	.34778	.53439	.48447	.39115	1.8333	.44266	1.6128
#1	4.7631	4.8645	4.7761	4.6949	4.6933	9.6009	9.7184	.24614
#2	4.7828	4.8885	4.8123	4.7272	4.7193	9.8531	9.6577	.25182
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4084	25.262	1.0465	2.3768	1.2156	5.0624	2.5286	25.734
Stddev	.0078	.019	.0164	.0102	.0061	.1090	.0506	.015
%RSD	.32399	.07438	1.5651	.42957	.50413	2.1526	1.9999	.05688
#1	2.4029	25.248	1.0349	2.3696	1.2113	5.1394	2.4929	25.724
#2	2.4140	25.275	1.0581	2.3840	1.2199	4.9853	2.5644	25.744
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4055	1.2210	24.134	2.5165	2.5740	24.657	4.9034	5.0880
Stddev	.0108	.0215	.027	.0486	.0527	.080	.0150	.0010
%RSD	.44921	1.7620	.11209	1.9330	2.0491	.32302	.30580	.02071
#1	2.3978	1.2057	24.154	2.4821	2.6113	24.714	4.8928	5.0887
#2	2.4131	1.2362	24.115	2.5509	2.5367	24.601	4.9140	5.0873
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7026	5.0564	4.9287	4.8924	4.8367	4.914	5.0864	F 3.8690
Stddev	.0379	.0098	.0244	.0098	.0213	.017	.0197	.0613
%RSD	.80568	.19337	.49478	.19921	.44055	.3521	.38681	1.5854
#1	4.6758	5.0633	4.9115	4.8993	4.8518	4.902	5.1003	3.8256
#2	4.7294	5.0495	4.9460	4.8855	4.8217	4.926	5.0725	3.9124

Sample Name: CCV16 Acquired: 12/18/2018 0:28:20 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.5106
Stddev .2103
%RSD 5.9900

#1 3.3619
#2 3.6593

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3292.6	43615.	4062.9	95.126	3530.4
Stddev	3.5	672.	14.6	2.211	3.6
%RSD	.10496	1.5402	.35844	2.3241	.10325

#1	3295.1	44090.	4052.6	93.563	3532.9
#2	3290.2	43140.	4073.2	96.689	3527.8

Sample Name: CCB16 Acquired: 12/18/2018 0:32:08 Type: Unk
Method: P4-ICP2(v2661) 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	.00044	-.00134	-.00129	.00103	-.00024	-.00267	.00416	.00001
Stddev	.00082	.00062	.00021	.00013	.00003	.01134	.00022	.00007
%RSD	185.17	46.562	16.614	13.064	11.313	424.75	5.2649	979.65

#1	-.00014	-.00090	-.00114	.00113	-.00022	.00535	.00431	-.00004
#2	.00103	-.00178	-.00144	.00094	-.00025	-.01068	.00400	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.01844	-.00009	-.00011	-.00090	.01465	.00013	-.00046
Stddev	.00002	.01043	.00035	.00006	.00042	.00728	.00000	.07074
%RSD	31.952	56.542	396.10	57.605	46.553	49.701	3.0698	15377.

#1	.00007	-.01107	-.00034	-.00015	-.00120	.01980	.00013	.04956
#2	.00004	-.02582	.00016	-.00006	-.00061	.00950	.00014	-.05048

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	.00054	F .59058	.00009	-.00240	.18064	.00010	-.00682
Stddev	.00018	.00075	.00402	.00031	.00003	.03653	.00015	.00269
%RSD	53.776	140.28	.68094	332.19	1.4043	20.225	139.71	39.406

#1	-.00046	.00000	.58774	.00031	-.00238	.20647	.00021	-.00492
#2	-.00021	.00107	.59342	-.00012	-.00242	.15481	.00000	-.00872

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00392	.00536	-.00028	.00442	F .00865	-.0030	-.00011	F 3.0011
Stddev	.00127	.00107	.00043	.00331	.00075	.0006	.00006	.0469
%RSD	32.312	19.904	152.18	75.008	8.6188	21.03	51.419	1.5641

#1	-.00481	.00461	.00002	.00676	.00812	-.0035	-.00007	3.0343
#2	-.00302	.00612	-.00059	.00207	.00917	-.0026	-.00015	2.9679

Sample Name: CCB16 Acquired: 12/18/2018 0:32:08 Type: Unk
Method: P4-ICP2(v2661) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.6302
Stddev .0668
%RSD 4.0951

#1 1.5830
#2 1.6774

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3440.8	46221.	4087.3	101.71	3983.8
Stddev	16.7	4.	43.4	1.80	7.4
%RSD	.48472	.00787	1.0630	1.7728	.18658

#1	3429.0	46224.	4056.5	100.43	3978.6
#2	3452.6	46218.	4118.0	102.98	3989.1