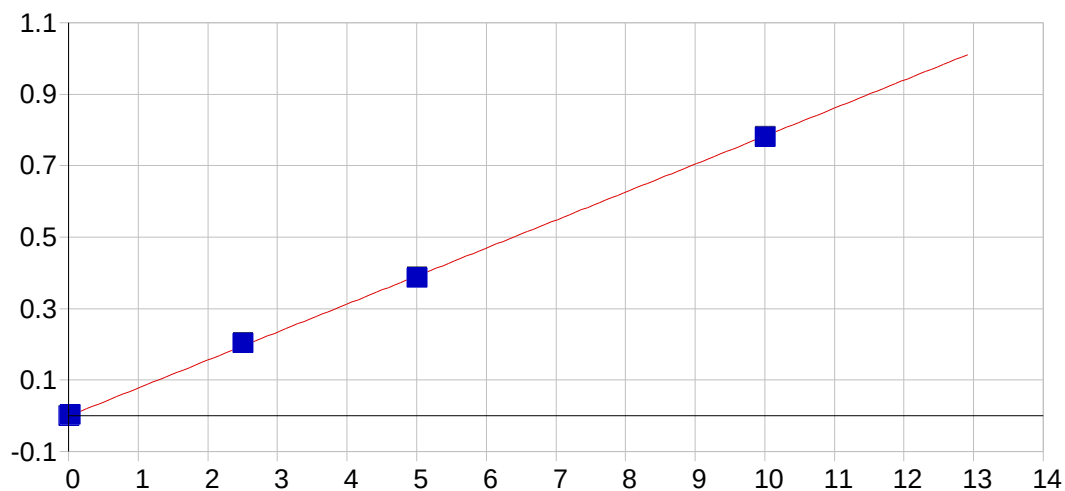


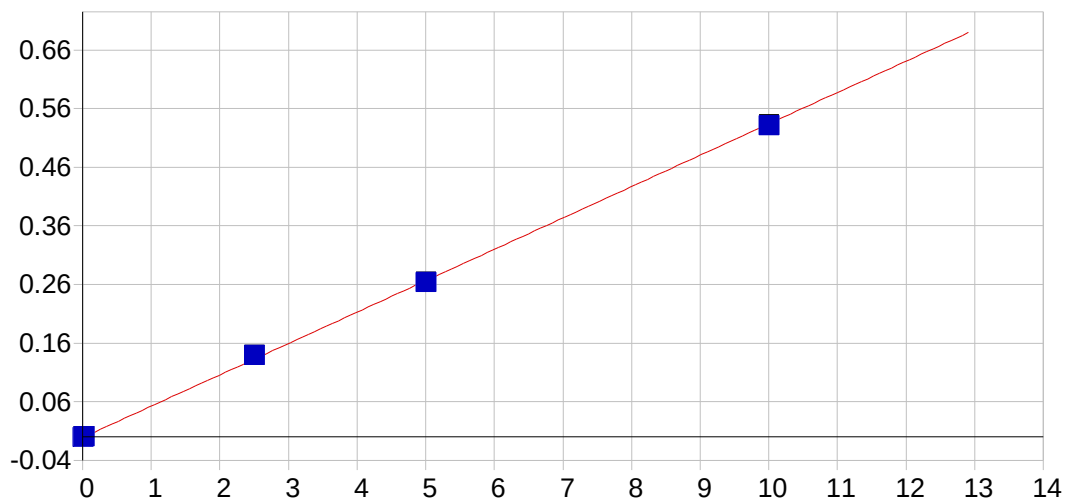


As 189.042 {478}

Date of Fit: 1/17/2019 12:41:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000619 Re-Slope: 1.000000
 A1 (Gain): 0.078326 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.002835
 Predicted MQL: 0.009450

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00062	.000	1
S1	.02000	.02337	.003	16.9	.00121	.000	1
S3	2.5000	2.6022	.102	4.09	.20319	.001	1
S4	5.0000	4.9342	-.066	-1.32	.38583	.001	1
S5	10.000	9.9603	-.040	-.397	.77948	.002	1



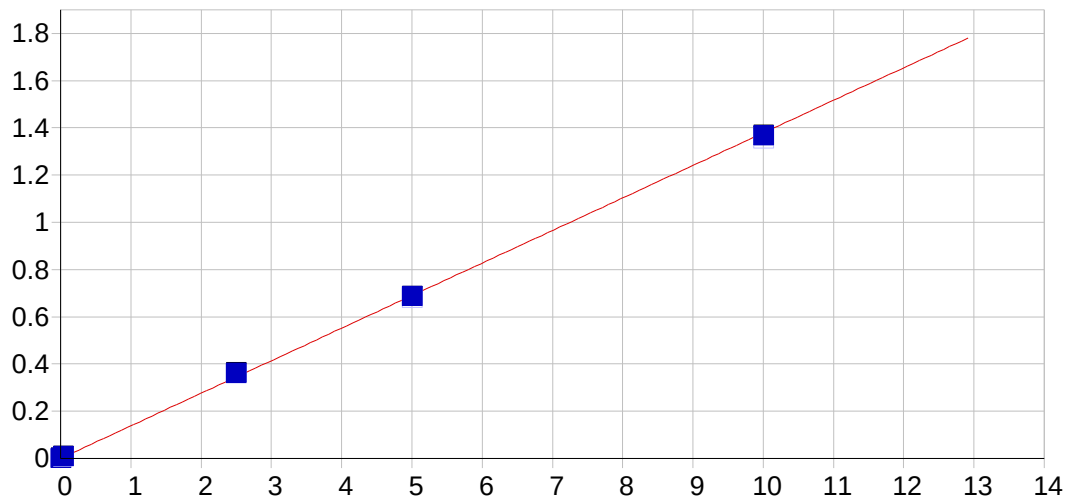
As 189.042 {479}

Date of Fit: 1/17/2019 12:41:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000938 Re-Slope: 1.000000

A1 (Gain): 0.053487 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.002693
 Predicted MQL: 0.008977

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00094	.000	1
S1	.02000	.02142	.001	7.08	.00021	.000	1
S3	2.5000	2.6120	.112	4.48	.13877	.001	1
S4	5.0000	4.9440	-.056	-1.12	.26351	.000	1
S5	10.000	9.9426	-.057	-.574	.53086	.001	1

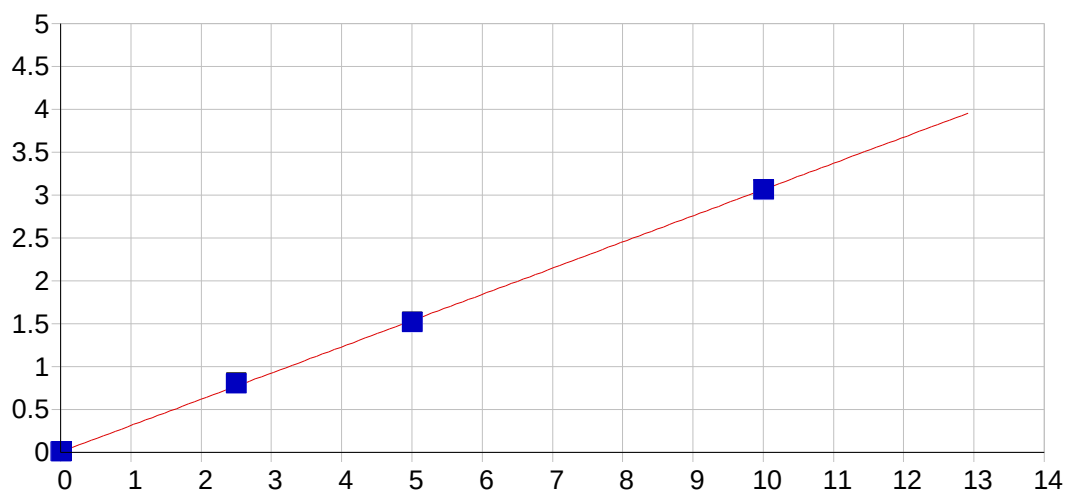


TI 190.856 {477}

Date of Fit: 1/17/2019 12:41:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000519 Re-Slope: 1.000000
 A1 (Gain): 0.137836 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999769 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.001198
 Predicted MQL: 0.003992

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00052	.000	1
S1	.04000	.04612	.006	15.3	.00673	.000	1
S3	2.5000	2.6214	.121	4.85	.35831	.001	1
S4	5.0000	4.9643	-.036	-.713	.67772	.002	1
S5	10.000	9.9083	-.092	-.917	1.3521	.003	1

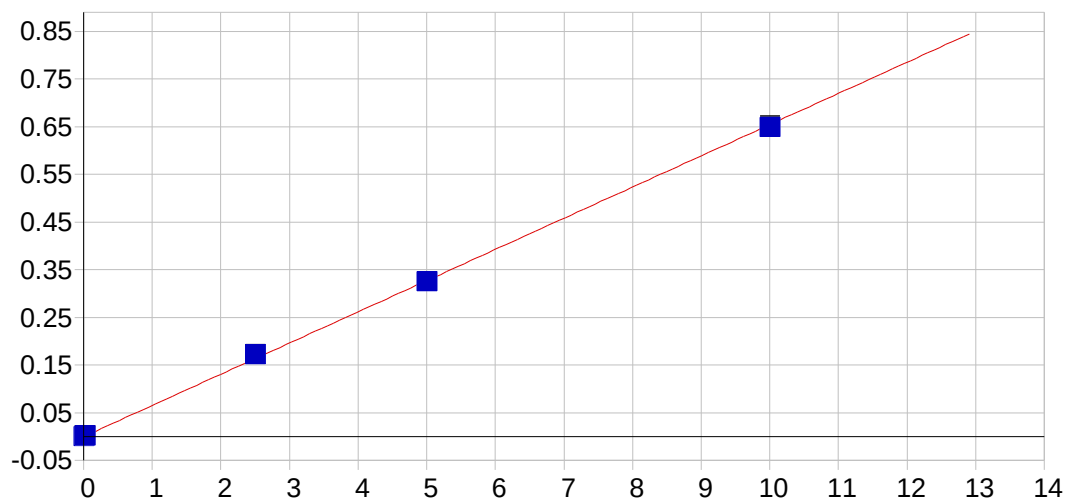


Pb 220.353 {453}

Date of Fit: 1/17/2019 12:41:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007331 Re-Slope: 1.000000
 A1 (Gain): 0.305719 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999871 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.000930
 Predicted MQL: 0.003099

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00733	.000	1
S1	.01200	.01168	-.000	-2.70	.01083	.000	1
S3	2.5000	2.5913	.091	3.65	.79848	.005	1
S4	5.0000	4.9248	-.075	-1.50	1.5108	.005	1
S5	10.000	9.9843	-.016	-.157	3.0555	.003	1



Se 196.090 {472}

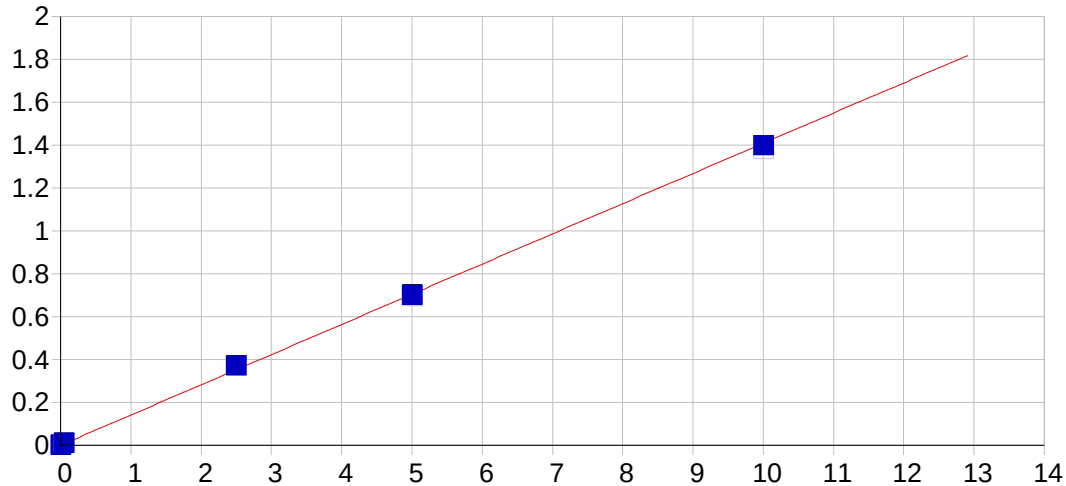
Date of Fit: 1/17/2019 12:41:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000281 Re-Slope: 1.000000
 A1 (Gain): 0.065457 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796
 Std Error of Est: 0.000032
 Predicted MDL: 0.003170
 Predicted MQL: 0.010567

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.02000	.01900	-.001	-5.01	.00096	.000	1
S3	2.5000	2.6234	.123	4.94	.17142	.000	1
S4	5.0000	4.9614	-.039	-.772	.32444	.001	1
S5	10.000	9.9162	-.084	-.838	.64872	.002	1



Sb 206.833 {463}

Date of Fit: 1/17/2019 12:41:32

Type of Fit: Linear

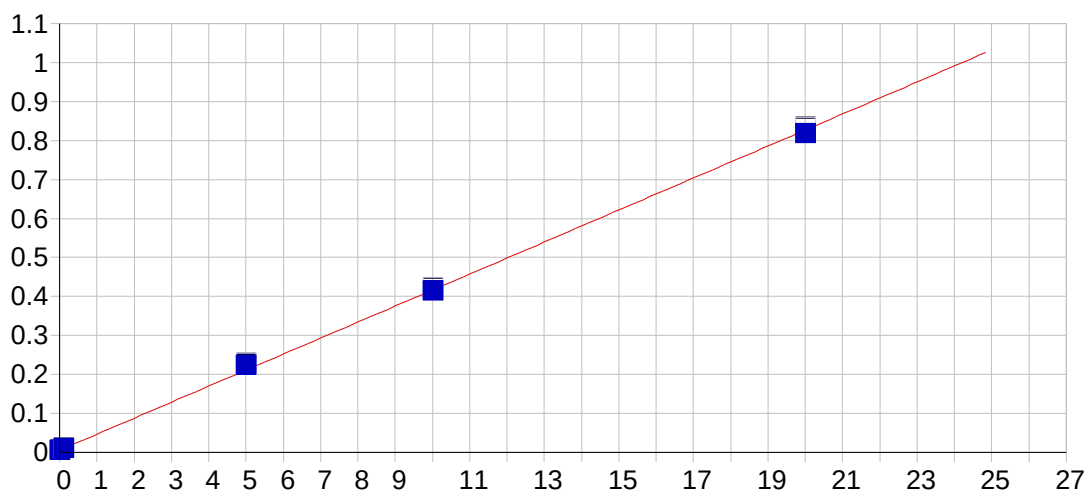
Weighting: 1/Conc

A0 (Offset): 0.000455
 A1 (Gain): 0.140827
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999771
 Std Error of Est: 0.000114
 Predicted MDL: 0.001827
 Predicted MQL: 0.006089

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	.00045	.000	1
S1	.05000	.05631	.006	12.6	.00821	.000	1
S3	2.5000	2.6222	.122	4.89	.36577	.001	1
S4	5.0000	4.9611	-.039	-.779	.69119	.002	1
S5	10.000	9.9106	-.089	-.894	1.3803	.002	1

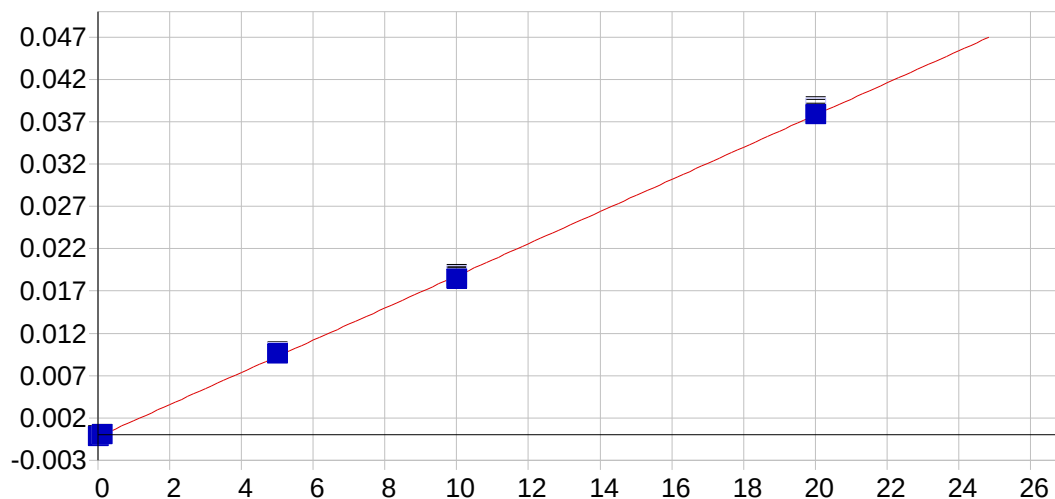


AI 308.215 {109}

Date of Fit: 1/17/2019 12:41:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005657 Re-Slope: 1.000000
 A1 (Gain): 0.041072 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999662 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.002957
 Predicted MQL: 0.009857

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00566	.000	1
S1	.10000	.11371	.014	13.7	.01061	.000	1
S3	5.0000	5.3091	.309	6.18	.22780	.001	1
S4	10.000	9.9275	-.073	-.725	.42158	.001	1
S5	20.000	19.749	-.251	-1.25	.83315	.002	1



AI 309.271 {109}

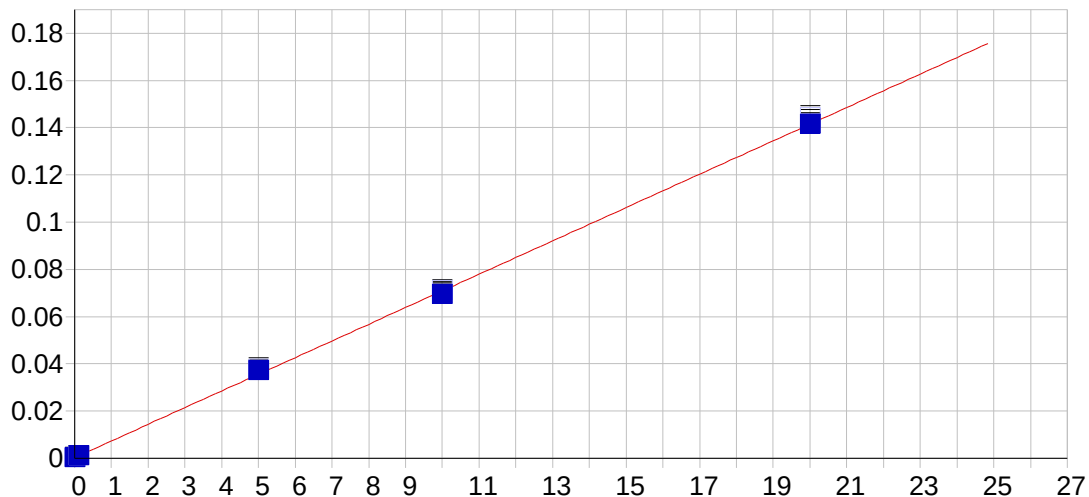
Date of Fit: 1/17/2019 12:41:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000217 Re-Slope: 1.000000
 A1 (Gain): 0.001900 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999817
 Std Error of Est: 0.000003
 Predicted MDL: 0.034995
 Predicted MQL: 0.116649

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00022	.000	1
S1	.10000	.12451	.025	24.5	.00003	.000	1
S3	5.0000	5.1366	.137	2.73	.00973	.000	1
S4	10.000	9.8110	-.189	-1.89	.01880	.000	1
S5	20.000	20.027	.027	.134	.03858	.000	1



AI 396.152 { 85}

Date of Fit: 1/17/2019 12:41:32

Type of Fit: Linear

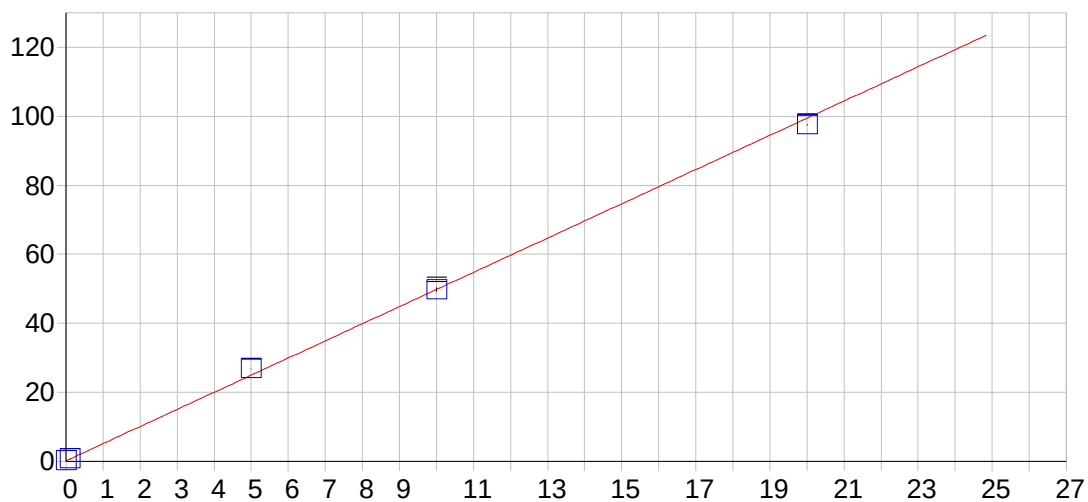
Weighting: 1/Conc

A0 (Offset): 0.000291
 A1 (Gain): 0.007061
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999817
 Std Error of Est: 0.000011
 Predicted MDL: 0.016218
 Predicted MQL: 0.054060

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	.00029	.000	1
S1	.10000	.11042	.010	10.4	.00112	.000	1
S3	5.0000	5.2049	.205	4.10	.03774	.000	1
S4	10.000	9.8026	-.197	-1.97	.07091	.000	1
S5	20.000	19.982	-.018	-.092	.14419	.001	1

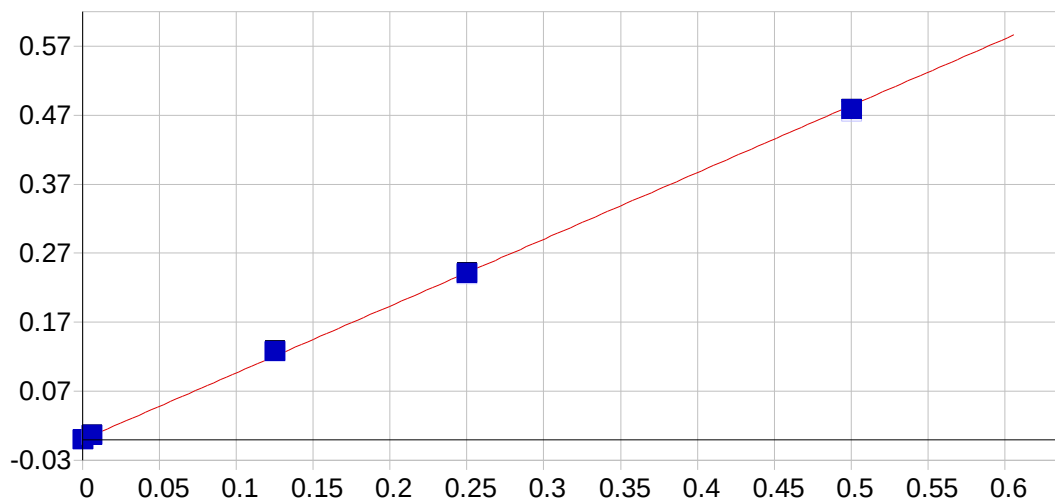


Ba 493.409 { 68}

Date of Fit: 1/17/2019 12:41:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.178092 Re-Slope: 1.000000
 A1 (Gain): 4.963944 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999471 Status: OK.
 Std Error of Est: 0.012345
 Predicted MDL: 0.000861
 Predicted MQL: 0.002871

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.17799	.007	1
S1	.10000	.11580	.016	15.8	.75293	.004	1
S3	5.0000	5.3701	.370	7.40	26.835	.084	1
S5	20.000	19.619	-.381	-1.90	97.568	.149	1
S4	10.000	9.9947	-.005	-.053	49.791	.716	1



Be 234.861 {144}

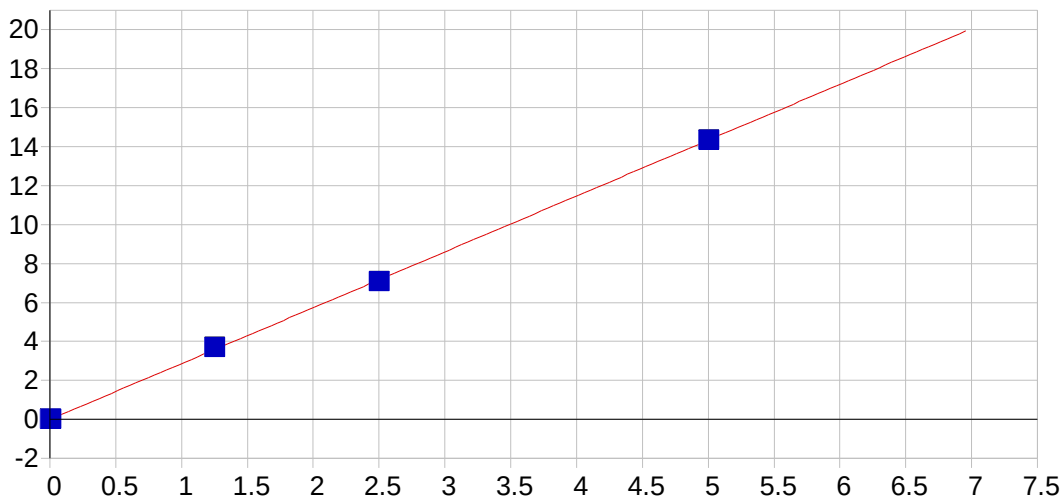
Date of Fit: 1/17/2019 12:41:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000066 Re-Slope: 1.000000
 A1 (Gain): 0.967699 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999684
 Std Error of Est: 0.000072
 Predicted MDL: 0.000077
 Predicted MQL: 0.000255

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.00600	.00653	.001	8.80	.00619	.000	1
S3	.12500	.13222	.007	5.78	.12712	.000	1
S4	.25000	.24846	-.002	-.615	.23885	.002	1
S5	.50000	.49379	-.006	-1.24	.47473	.001	1



Cd 226.502 {449}

Date of Fit: 1/17/2019 12:41:33

Type of Fit: Linear

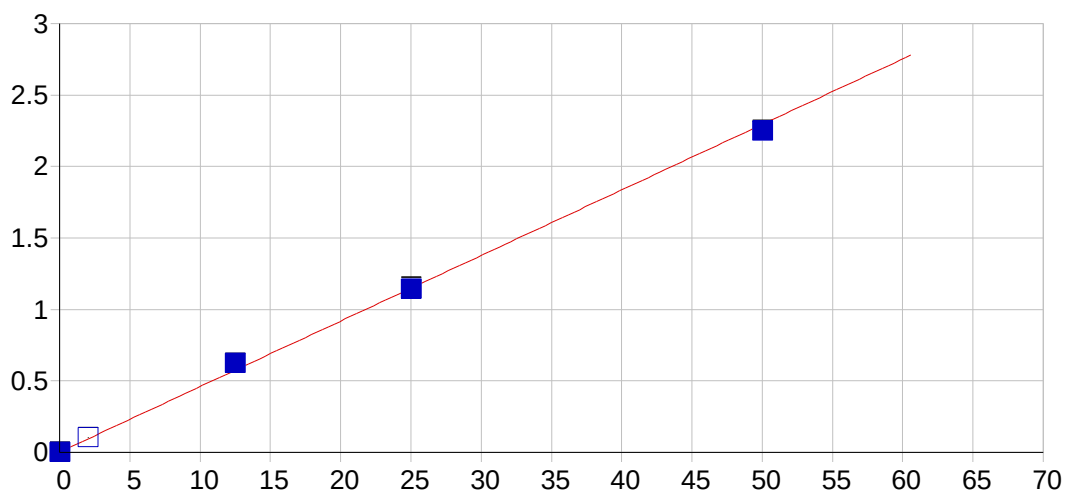
Weighting: 1/Conc

A0 (Offset): -0.004009
 A1 (Gain): 2.867170
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906
 Std Error of Est: 0.000367
 Predicted MDL: 0.000102
 Predicted MQL: 0.000340

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	-.00401	.000	1
S1	.00600	.00615	.000	2.49	.01366	.000	1
S3	1.2500	1.2872	.037	2.98	3.6875	.011	1
S4	2.5000	2.4636	-.036	-1.46	7.0613	.015	1
S5	5.0000	4.9990	-.001	-.020	14.332	.010	1

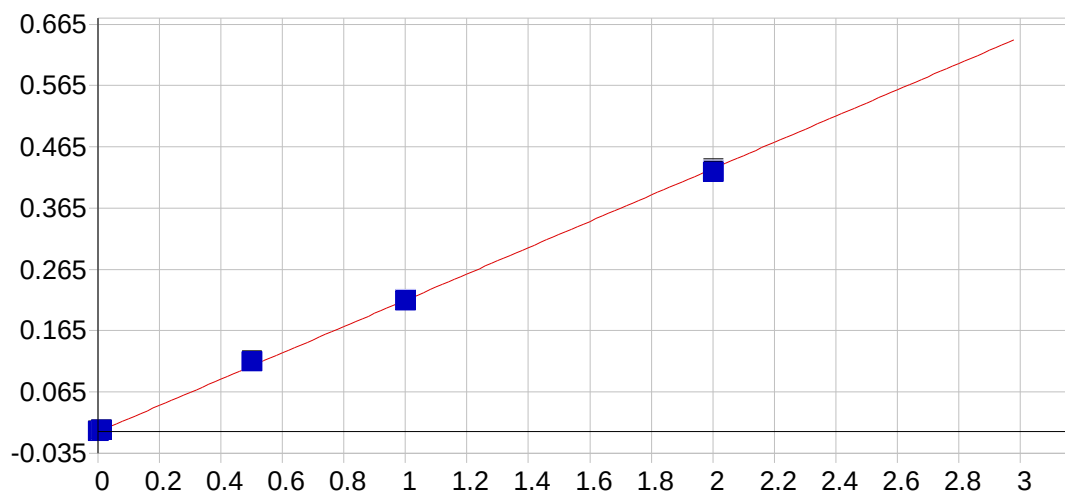


Ca 373.690 { 90}

Date of Fit: 1/17/2019 12:41:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001831 Re-Slope: 1.000000
 A1 (Gain): 0.045858 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999319 Status: OK.
 Std Error of Est: 0.000925
 Predicted MDL: 0.021599
 Predicted MQL: 0.071996

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1999	.200	10.00	.10271	.001	1
S0	.00000	-.00031	-.000	.000	.00182	.000	1
S3	12.500	13.496	.996	7.96	.62101	.003	1
S4	25.000	24.851	-.149	-.598	1.1420	.013	1
S5	50.000	48.954	-1.05	-2.09	2.2480	.005	1



Cr 267.716 {126}

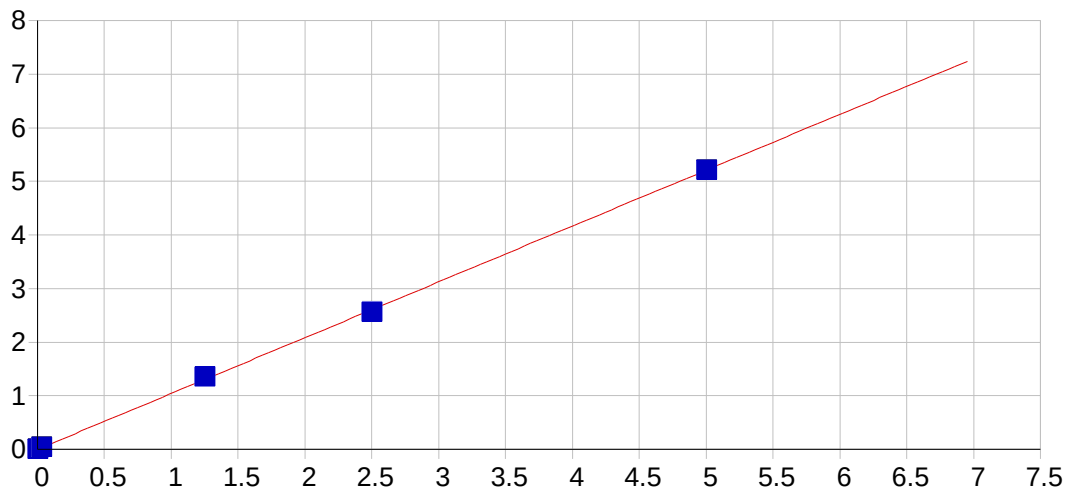
Date of Fit: 1/17/2019 12:41:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000064 Re-Slope: 1.000000
 A1 (Gain): 0.214588 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999670
 Std Error of Est: 0.000042
 Predicted MDL: 0.000461
 Predicted MQL: 0.001535

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.01000	.01119	.001	11.9	.00248	.000	1
S3	.50000	.53024	.030	6.05	.11465	.001	1
S4	1.0000	.99534	-.005	-.466	.21526	.001	1
S5	2.0000	1.9732	-.027	-1.34	.42670	.002	1



Co 228.616 {447}

Date of Fit: 1/17/2019 12:41:33

Type of Fit: Linear

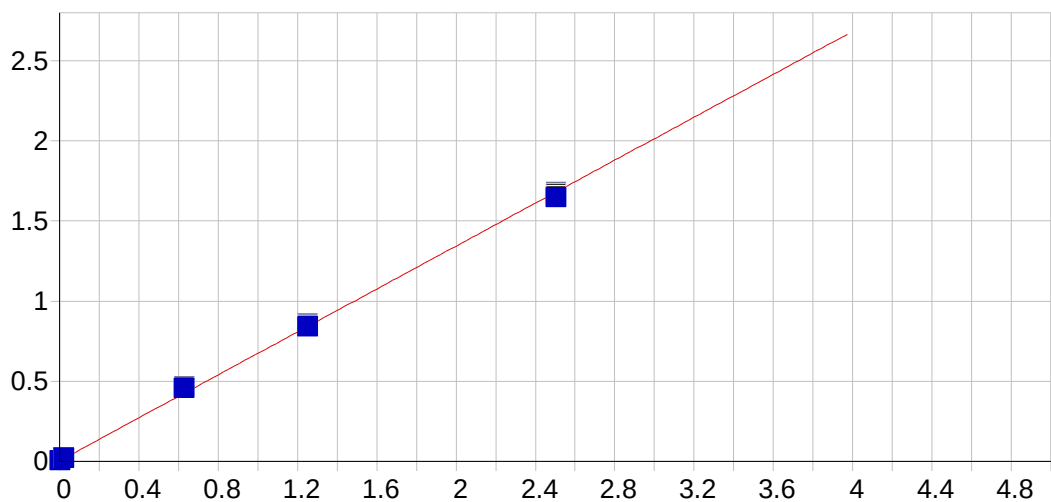
Weighting: 1/Conc

A0 (Offset): 0.000644
 A1 (Gain): 1.041372
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846
 Std Error of Est: 0.000384
 Predicted MDL: 0.000251
 Predicted MQL: 0.000838

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	.00064	.000	1
S1	.03000	.03430	.004	14.3	.03615	.000	1
S3	1.2500	1.2918	.042	3.34	1.3469	.005	1
S4	2.5000	2.4581	-.042	-1.68	2.5625	.007	1
S5	5.0000	4.9958	-.004	-.083	5.2073	.004	1

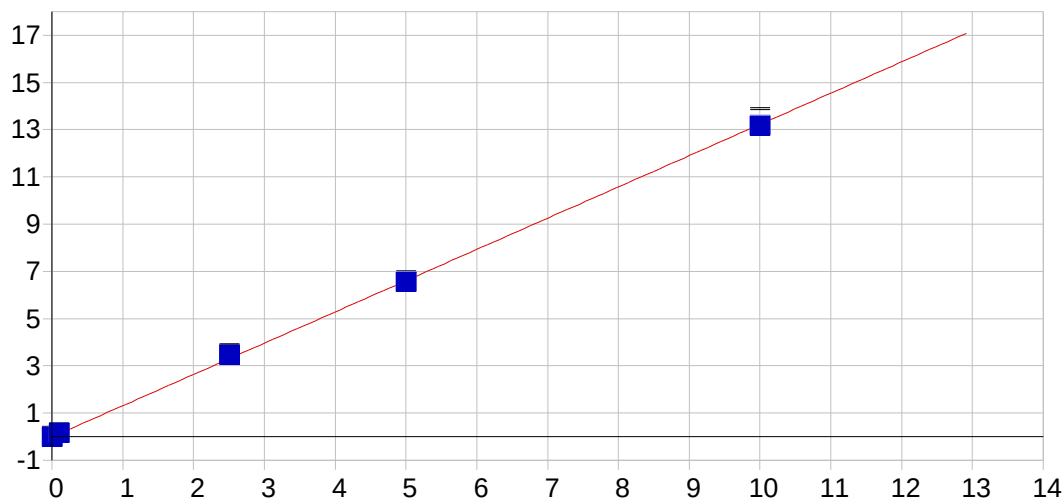


Cu 224.700 {450}

Date of Fit: 1/17/2019 12:41:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004166 Re-Slope: 1.000000
 A1 (Gain): 0.669878 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999408 Status: OK.
 Std Error of Est: 0.000284
 Predicted MDL: 0.000517
 Predicted MQL: 0.001722

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00416	.000	1
S1	.02000	.02330	.003	16.5	.01998	.000	1
S3	.62500	.67385	.049	7.82	.46233	.000	1
S4	1.2500	1.2482	-.002	-.147	.85381	.001	1
S5	2.5000	2.4497	-.050	-2.01	1.6722	.005	1



Fe 240.488 {140}

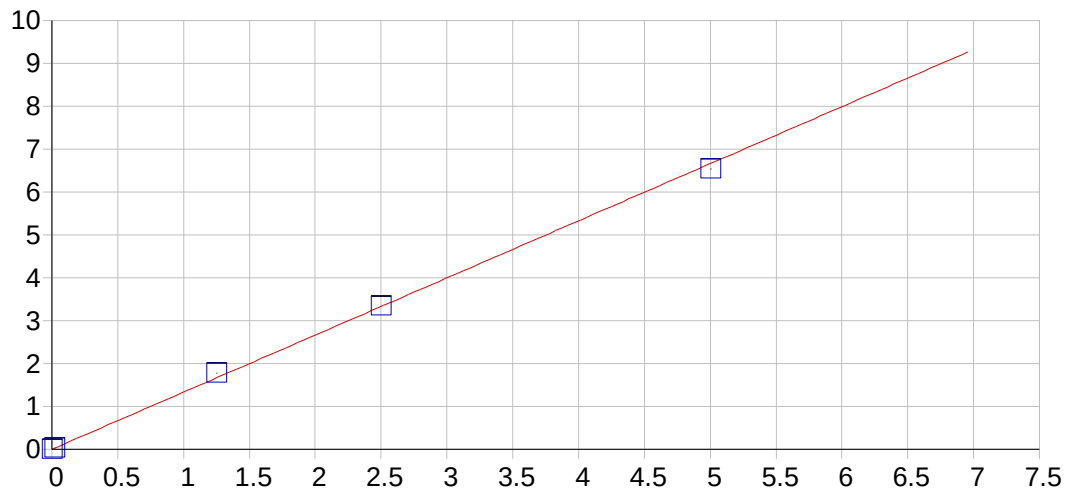
Date of Fit: 1/17/2019 12:41:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.013328 Re-Slope: 1.000000
 A1 (Gain): 1.323919 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999745
 Std Error of Est: 0.001626
 Predicted MDL: 0.008116
 Predicted MQL: 0.027053

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.01336	.021	1
S1	.10000	.11935	.019	19.4	.14533	.006	1
S3	2.5000	2.6027	.103	4.11	3.4490	.050	1
S4	5.0000	4.9408	-.059	-1.18	6.5611	.020	1
S5	10.000	9.9372	-.063	-.628	13.209	.285	1



Mn 257.610 {131}

Date of Fit: 1/17/2019 12:41:33

Type of Fit: Linear

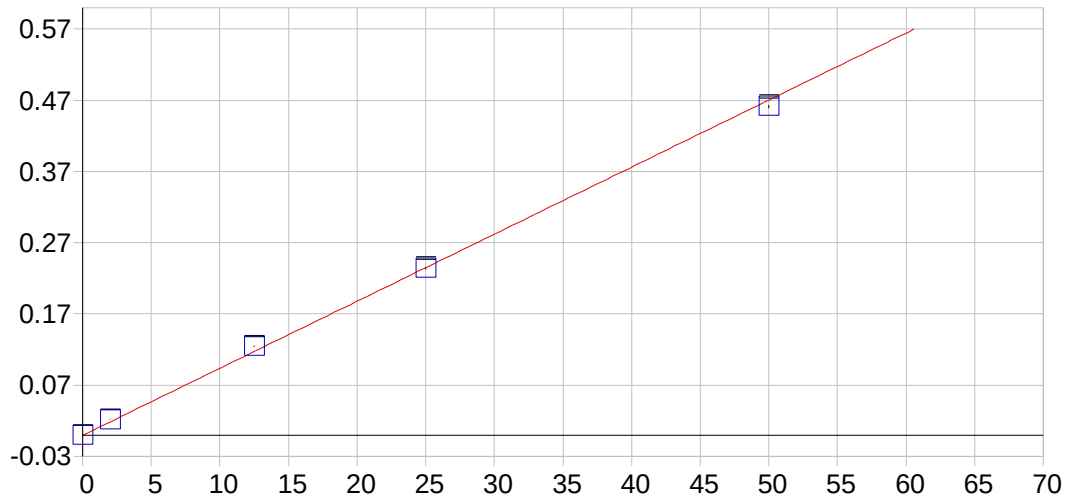
Weighting: 1/Conc

A0 (Offset): 0.000941
 A1 (Gain): 1.331964
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999526
 Std Error of Est: 0.000701
 Predicted MDL: 0.000070
 Predicted MQL: 0.000232

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	.00094	.000	1
S1	.02000	.02342	.003	17.1	.03213	.000	1
S3	1.2500	1.3362	.086	6.90	1.7807	.001	1
S4	2.5000	2.5048	.005	.192	3.3373	.009	1
S5	5.0000	4.9056	-.094	-1.89	6.5350	.002	1

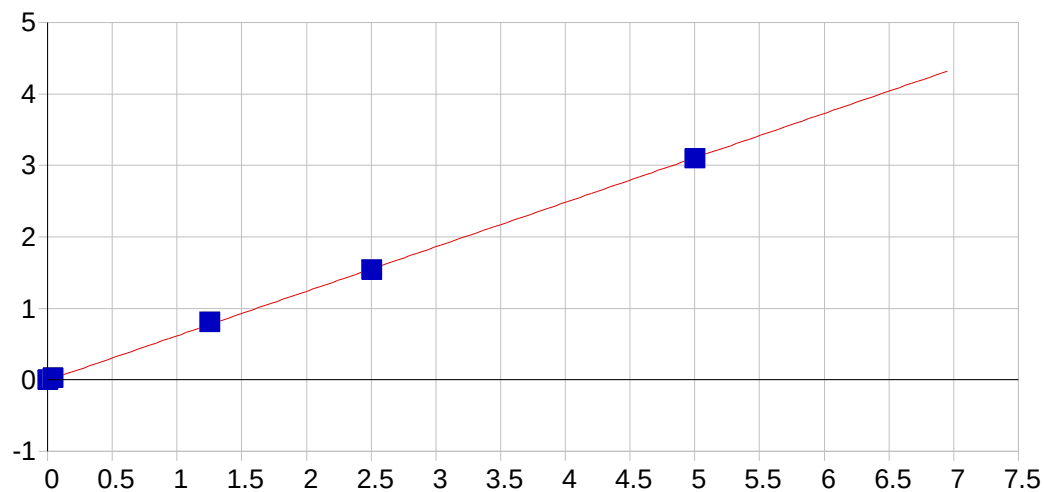


Mg 279.079 {121}

Date of Fit: 1/17/2019 12:41:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000433 Re-Slope: 1.000000
 A1 (Gain): 0.009416 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999334 Status: OK.
 Std Error of Est: 0.000188
 Predicted MDL: 0.051368
 Predicted MQL: 0.171227

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3254	.325	16.3	.02146	.001	1
S0	.00000	-.00040	-.000	.000	-.00044	.000	1
S3	12.500	13.264	.764	6.11	.12446	.001	1
S4	25.000	24.889	-.111	-.444	.23392	.002	1
S5	50.000	49.022	-.978	-1.96	.46115	.002	1



Ni 231.604 {445}

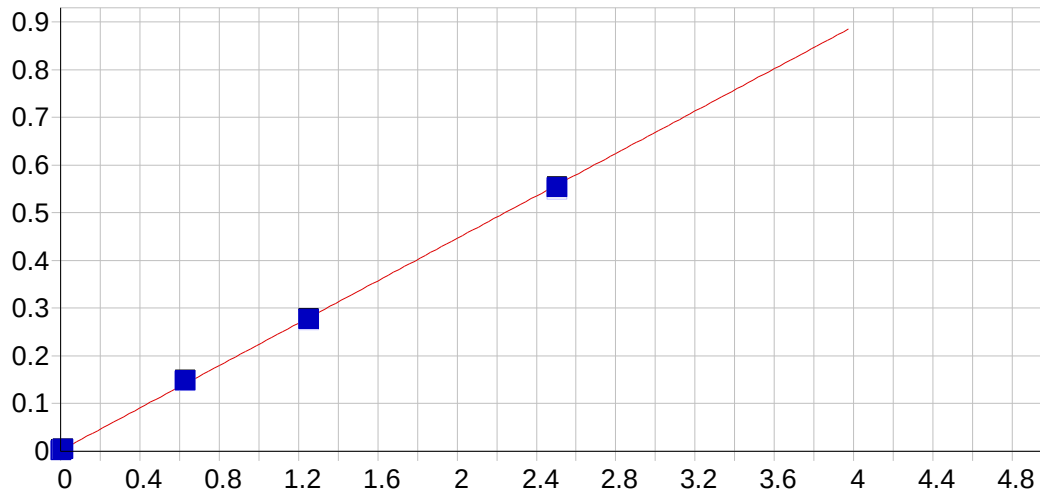
Date of Fit: 1/17/2019 12:41:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005680 Re-Slope: 1.000000
 A1 (Gain): 0.622296 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999811
 Std Error of Est: 0.000293
 Predicted MDL: 0.000449
 Predicted MQL: 0.001496

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00568	.000	1
S1	.04000	.04554	.006	13.9	.02267	.000	1
S3	1.2500	1.3008	.051	4.06	.80464	.002	1
S4	2.5000	2.4698	-.030	-1.21	1.5330	.004	1
S5	5.0000	4.9738	-.026	-.523	3.0929	.003	1



Ag 328.068 {103}

Date of Fit: 1/17/2019 12:41:33

Type of Fit: Linear

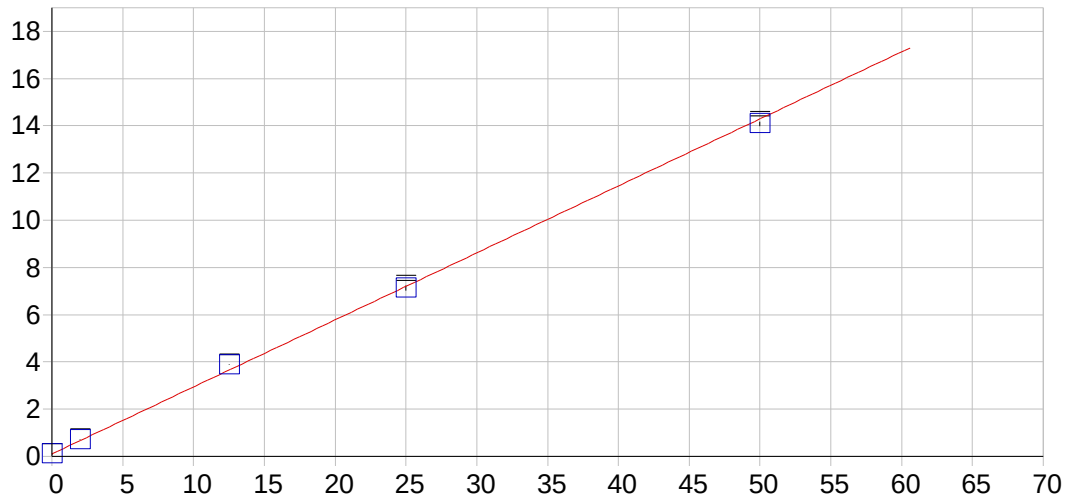
Weighting: 1/Conc

A0 (Offset): 0.001921
 A1 (Gain): 0.222322
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999767
 Std Error of Est: 0.000041
 Predicted MDL: 0.000657
 Predicted MQL: 0.002190

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	.00192	.000	1
S1	.01000	.01049	.000	4.95	.00421	.000	1
S3	.62500	.65741	.032	5.19	.14650	.001	1
S4	1.2500	1.2370	-.013	-1.04	.27379	.001	1
S5	2.5000	2.4801	-.020	-.798	.54699	.001	1

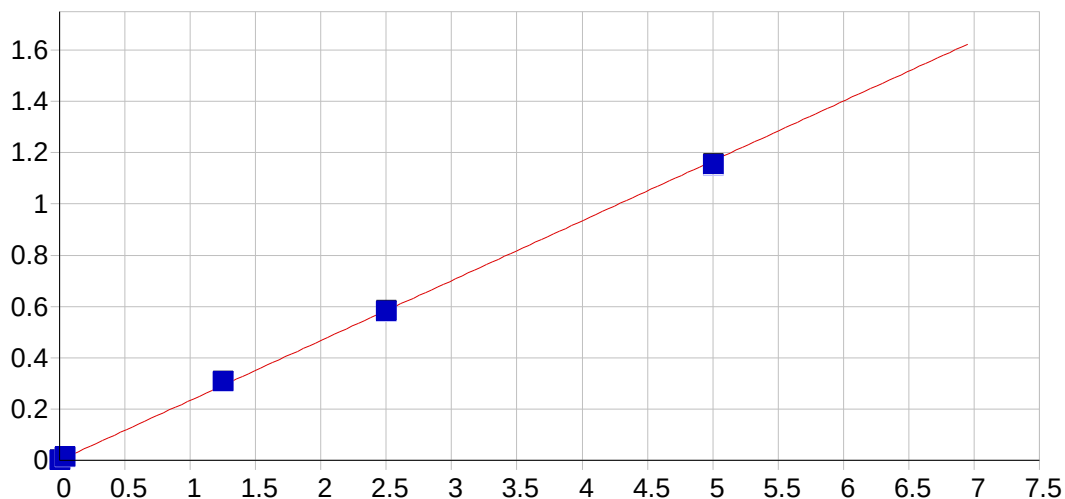


Na 589.592 { 57}

Date of Fit: 1/17/2019 12:41:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.103445 Re-Slope: 1.000000
 A1 (Gain): 0.283886 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999558 Status: OK.
 Std Error of Est: 0.004608
 Predicted MDL: 0.012237
 Predicted MQL: 0.040790

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1467	.147	7.33	.71286	.006	1
S0	.00000	-.00023	-.000	.000	.10338	.004	1
S3	12.500	13.329	.829	6.63	3.8873	.003	1
S4	25.000	24.785	-.215	-.862	7.1394	.108	1
S5	50.000	49.240	-.760	-1.52	14.082	.091	1



V 292.402 {115}

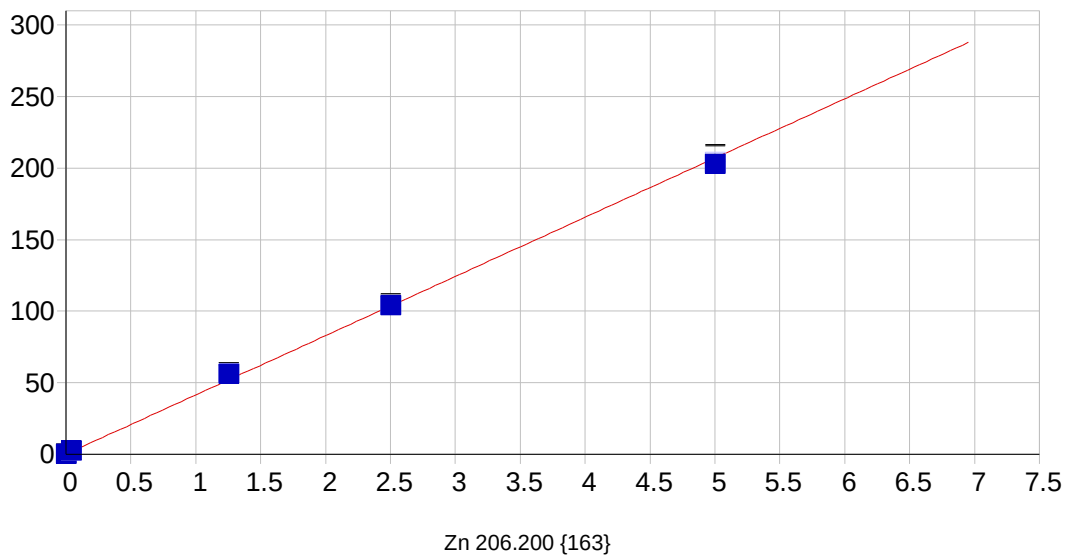
Date of Fit: 1/17/2019 12:41:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000247 Re-Slope: 1.000000
 A1 (Gain): 0.233511 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999705
 Std Error of Est: 0.000136
 Predicted MDL: 0.000522
 Predicted MQL: 0.001740

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00025	.000	1
S1	.04000	.04717	.007	17.9	.01112	.000	1
S3	1.2500	1.3122	.062	4.97	.30474	.000	1
S4	2.5000	2.4897	-.010	-.412	.57780	.001	1
S5	5.0000	4.9410	-.059	-1.18	1.1464	.001	1



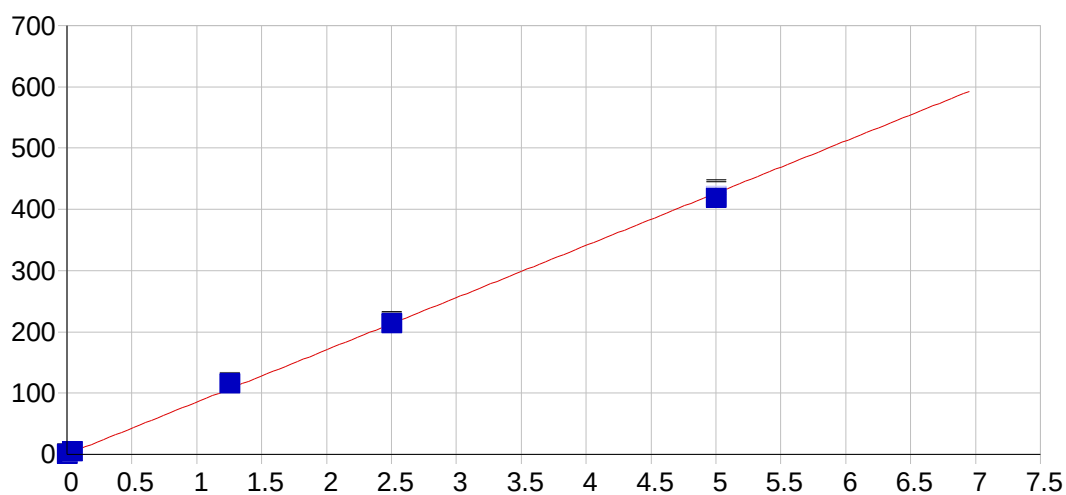
Date of Fit: 1/17/2019 12:41:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.135001
 A1 (Gain): 41.389955
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999387
 Std Error of Est: 0.035299
 Predicted MDL: 0.000347
 Predicted MQL: 0.001158

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	.13464	.006	1
S1	.04000	.04646	.006	16.1	2.0687	.009	1
S3	1.2500	1.3477	.098	7.82	56.229	.773	1
S4	2.5000	2.5017	.002	.068	104.31	.659	1
S5	5.0000	4.8941	-.106	-2.12	203.96	5.53	1

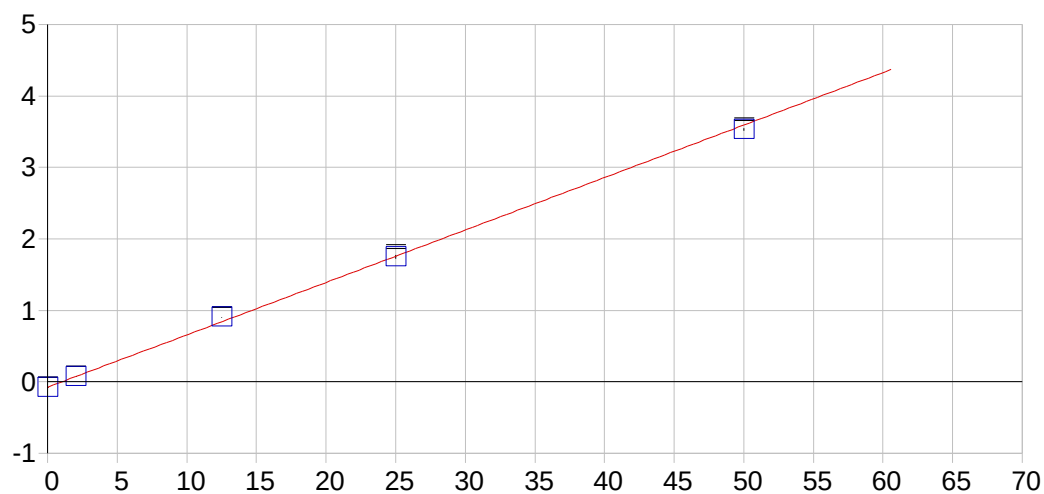


Zn 213.856 {458}

Date of Fit: 1/17/2019 12:41:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.195037 Re-Slope: 1.000000
 A1 (Gain): 85.235354 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999410 Status: OK.
 Std Error of Est: 0.071307
 Predicted MDL: 0.000088
 Predicted MQL: 0.000294

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.19422	.013	1
S1	.04000	.04742	.007	18.5	4.2590	.031	1
S3	1.2500	1.3451	.095	7.61	115.49	1.03	1
S4	2.5000	2.4947	-.005	-.210	214.12	2.00	1
S5	5.0000	4.9028	-.097	-1.94	420.66	10.5	1



K 766.490 {44}

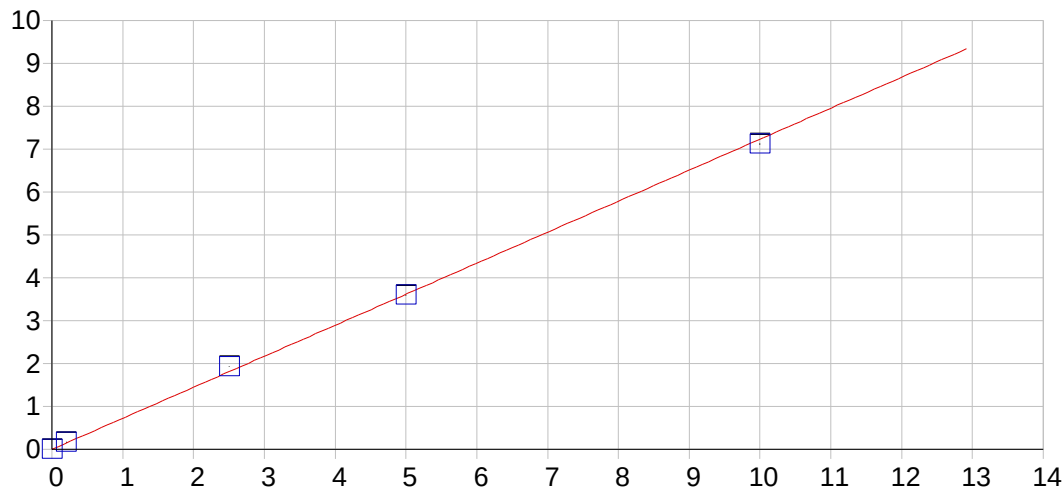
Date of Fit: 1/17/2019 12:41:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.075803 Re-Slope: 1.000000
 A1 (Gain): 0.073362 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999564
 Std Error of Est: 0.001182
 Predicted MDL: 0.049149
 Predicted MQL: 0.163831

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0766	.077	3.83	.07654	.000	1
S0	.00000	-.00017	-.000	.000	-.07582	.002	1
S3	12.500	13.367	.867	6.93	.90481	.005	1
S4	25.000	24.911	-.089	-.354	1.7517	.027	1
S5	50.000	49.145	-.855	-1.71	3.5296	.020	1



Mo 202.030 {467}

Date of Fit: 1/17/2019 12:41:33

Type of Fit: Linear

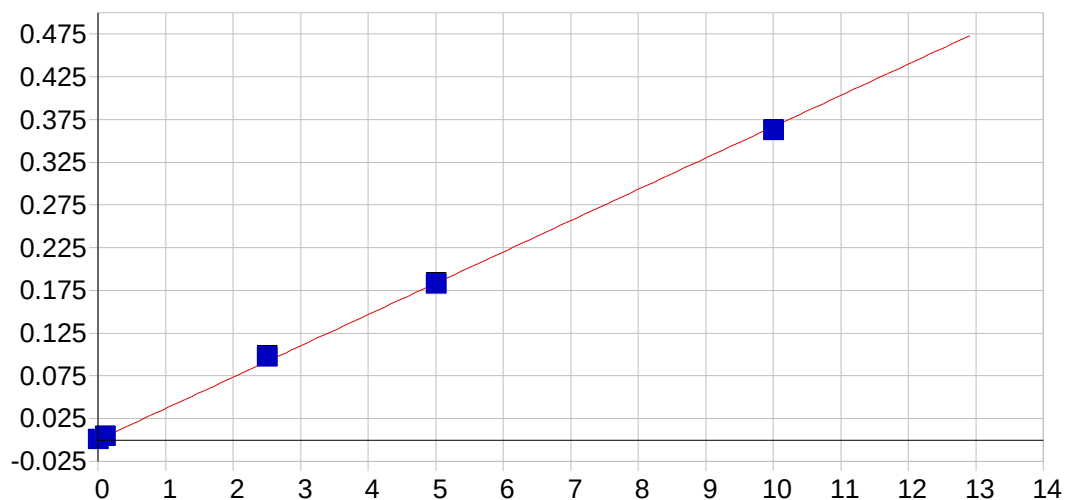
Weighting: 1/Conc

A0 (Offset): 0.000196
 A1 (Gain): 0.723156
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999529
 Std Error of Est: 0.001705
 Predicted MDL: 0.000320
 Predicted MQL: 0.001067

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00017	.000	1
S1	.20000	.22034	.020	10.2	.15954	.001	1
S3	2.5000	2.6720	.172	6.88	1.9325	.004	1
S4	5.0000	4.9687	-.031	-.626	3.5933	.006	1
S5	10.000	9.8390	-.161	-1.61	7.1153	.016	1

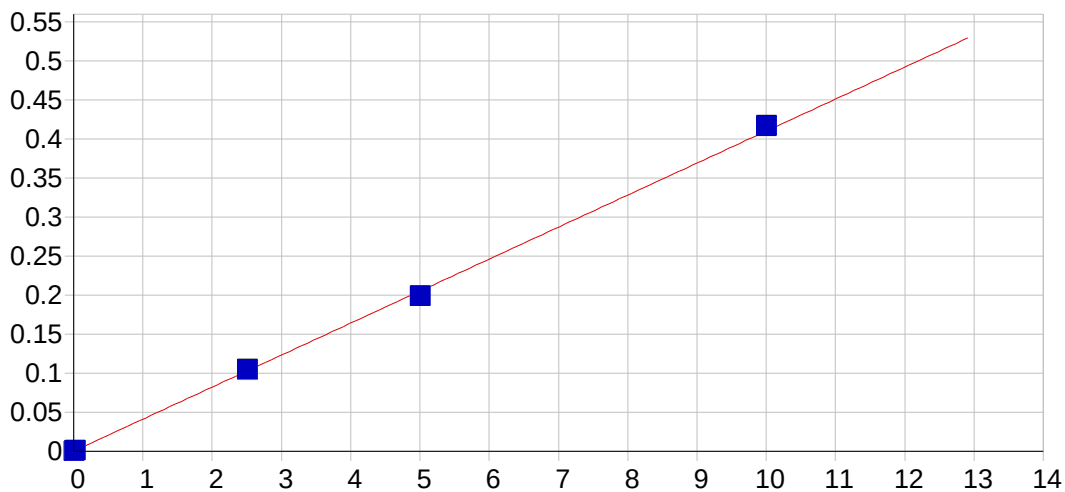


B 249.678 {135}

Date of Fit: 1/17/2019 12:41:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000209 Re-Slope: 1.000000
 A1 (Gain): 0.036635 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999700 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.011017
 Predicted MQL: 0.036723

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00021	.000	1
S1	.10000	.10343	.003	3.43	.00398	.000	1
S3	2.5000	2.6481	.148	5.92	.09701	.001	1
S4	5.0000	4.9685	-.031	-.629	.18180	.002	1
S5	10.000	9.8799	-.120	-1.20	.36131	.001	1



S 182.034 {485}

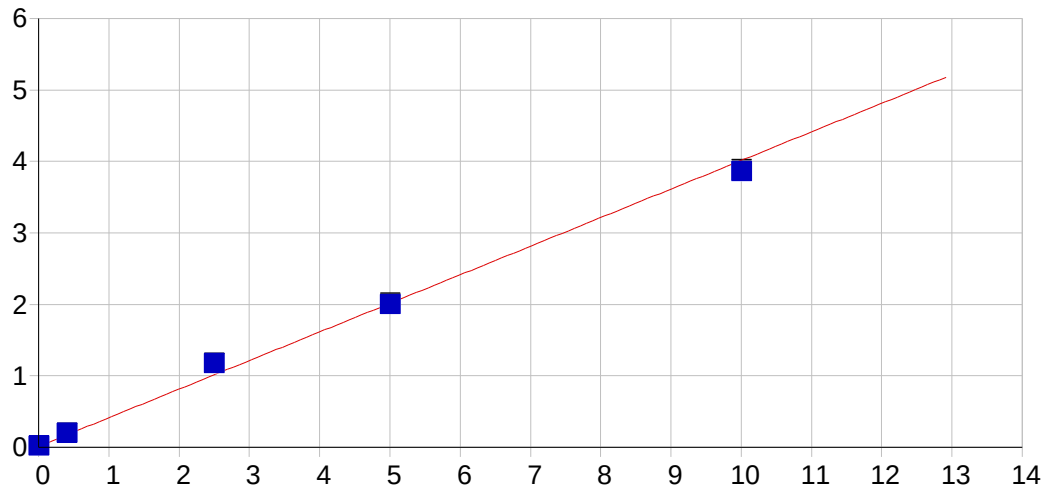
Date of Fit: 1/17/2019 12:41:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000264 Re-Slope: 1.000000
 A1 (Gain): 0.040997 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999707
 Std Error of Est: 0.000024
 Predicted MDL: 0.003349
 Predicted MQL: 0.011165

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00026	.000	1
S1	.02000	.01350	-.006	-32.5	.00079	.000	1
S3	2.5000	2.5248	.025	.991	.10366	.001	1
S4	5.0000	4.8318	-.168	-3.36	.19813	.001	1
S5	10.000	10.150	.150	1.50	.41592	.001	1



Si 288.158 {117}

Date of Fit: 1/17/2019 12:41:33

Type of Fit: Linear

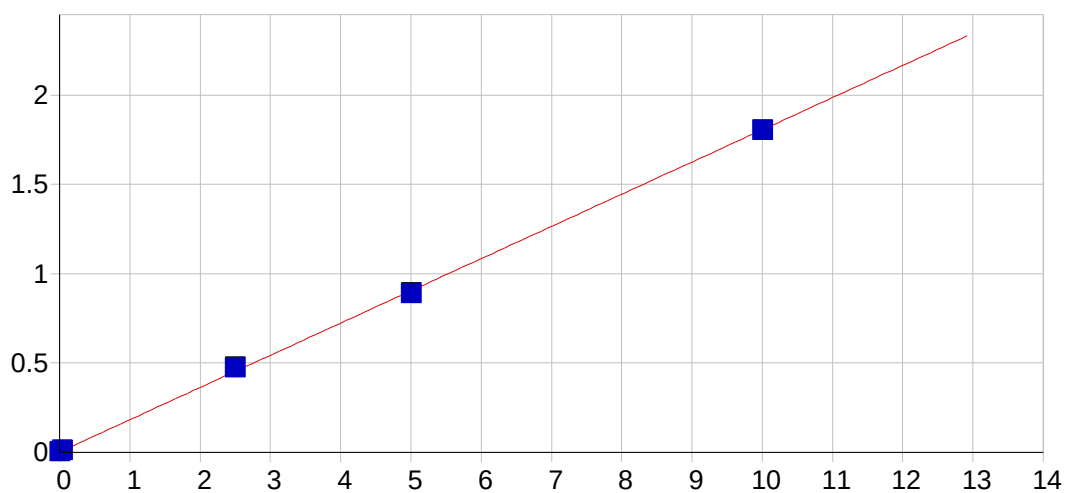
Weighting: 1/Conc

A0 (Offset): 0.014254
 A1 (Gain): 0.399938
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997735
 Std Error of Est: 0.002941
 Predicted MDL: 0.003007
 Predicted MQL: 0.010024

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	-.00009	-.000	.000	.01422	.001	1
S1	.40000	.44658	.047	11.6	.19273	.001	1
S3	2.5000	2.8874	.387	15.5	1.1685	.003	1
S4	5.0000	4.9590	-.041	-8.20	1.9965	.018	1
S5	10.000	9.6070	-.393	-3.93	3.8543	.027	1

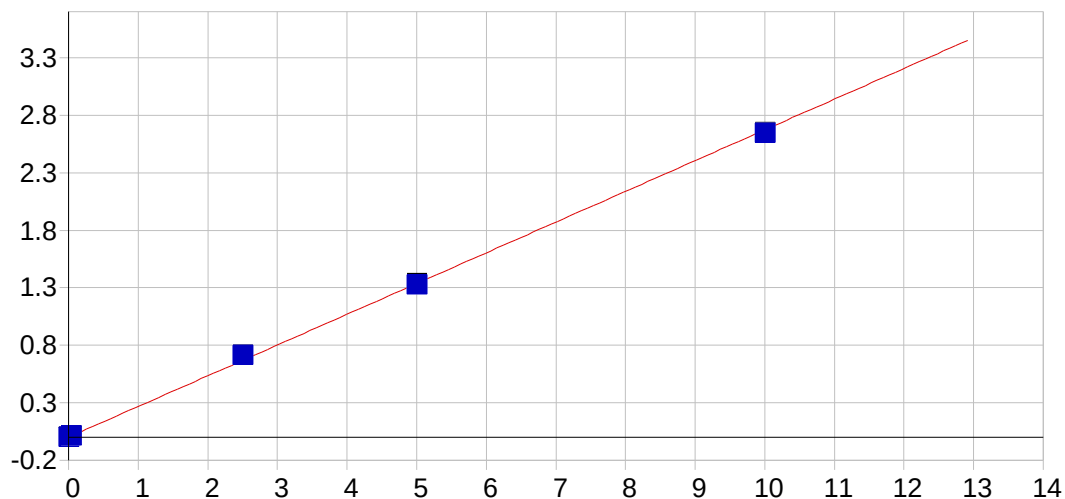


Sn 189.989 {477}

Date of Fit: 1/17/2019 12:41:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002714 Re-Slope: 1.000000
 A1 (Gain): 0.180255 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999794 Status: OK.
 Std Error of Est: 0.000125
 Predicted MDL: 0.000685
 Predicted MQL: 0.002285

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00271	.000	1
S1	.04000	.04109	.001	2.73	.01012	.000	1
S3	2.5000	2.6163	.116	4.65	.47440	.002	1
S4	5.0000	4.9071	-.093	-1.86	.88740	.004	1
S5	10.000	9.9755	-.025	-.245	1.8012	.002	1



Ti 336.121 {100}

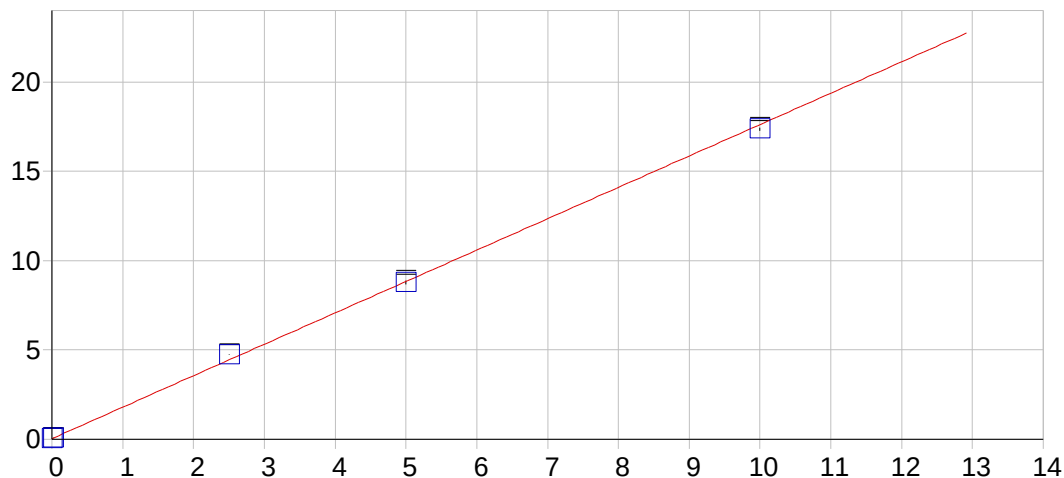
Date of Fit: 1/17/2019 12:41:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000585 Re-Slope: 1.000000
 A1 (Gain): 0.267185 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999638
 Std Error of Est: 0.000246
 Predicted MDL: 0.002706
 Predicted MQL: 0.009019

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00058	.001	1
S1	.04000	.04647	.006	16.2	.01300	.000	1
S3	2.5000	2.6569	.157	6.27	.71037	.004	1
S4	5.0000	4.9547	-.045	-.906	1.3242	.013	1
S5	10.000	9.8820	-.118	-1.18	2.6405	.006	1



Li 670.784 { 50}

Date of Fit: 1/17/2019 12:41:33

Type of Fit: Linear

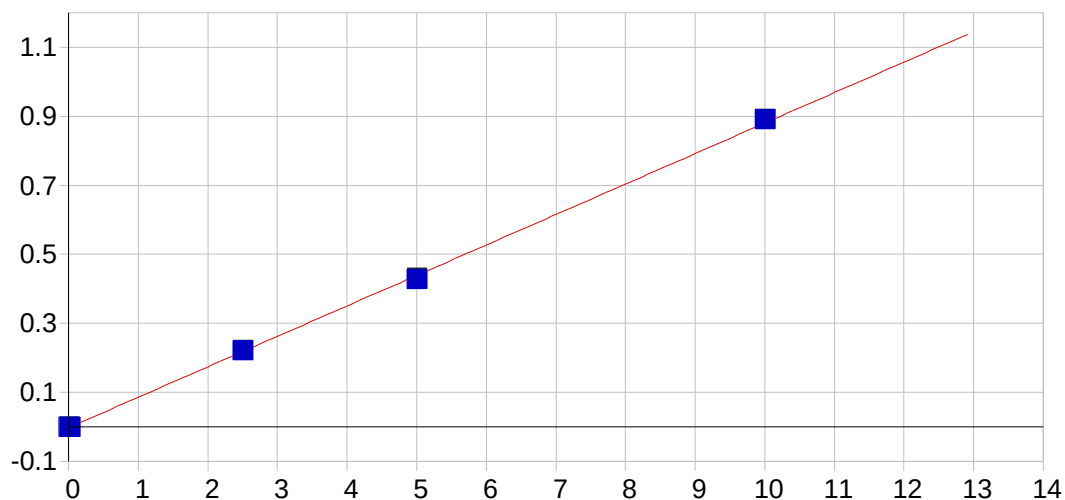
Weighting: 1/Conc

A0 (Offset): 0.044297
 A1 (Gain): 1.756948
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999584
 Std Error of Est: 0.001224
 Predicted MDL: 0.002084
 Predicted MQL: 0.006946

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	.04430	.004	1
S1	.02000	.01561	-.004	-21.9	.07173	.002	1
S3	2.5000	2.6698	.170	6.79	4.7349	.019	1
S4	5.0000	4.9742	-.026	-.516	8.7837	.107	1
S5	10.000	9.8604	-.140	-1.40	17.369	.086	1

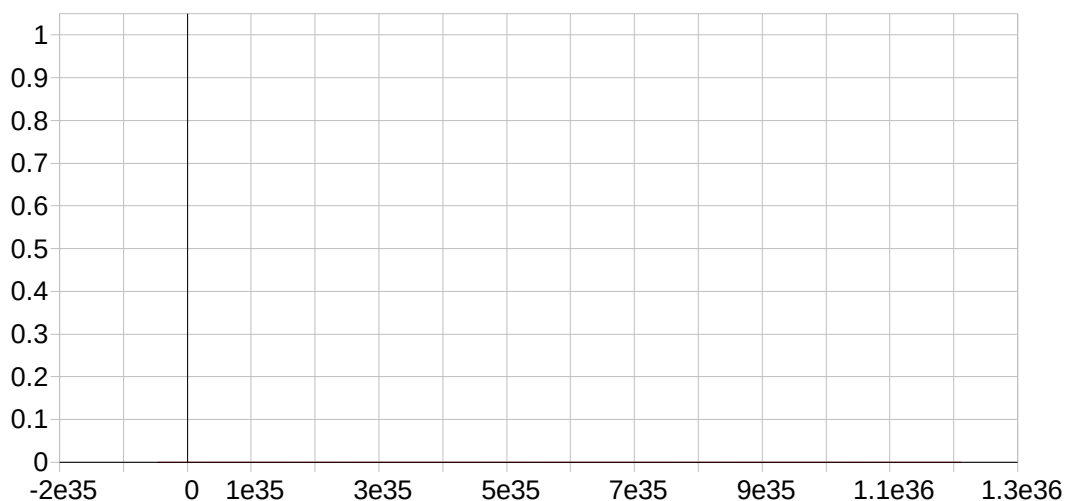


P 177.495 {490}

Date of Fit: 1/17/2019 12:41:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002555 Re-Slope: 1.000000
 A1 (Gain): 0.088283 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.001545
 Predicted MQL: 0.005149

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00255	.000	1
S1	.02000	.01894	-.001	-5.29	-.00089	.000	1
S3	2.5000	2.5234	.023	.937	.21990	.001	1
S4	5.0000	4.8662	-.134	-2.68	.42640	.002	1
S5	10.000	10.111	.111	1.11	.88883	.000	1



Y 224.306 {450}*

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

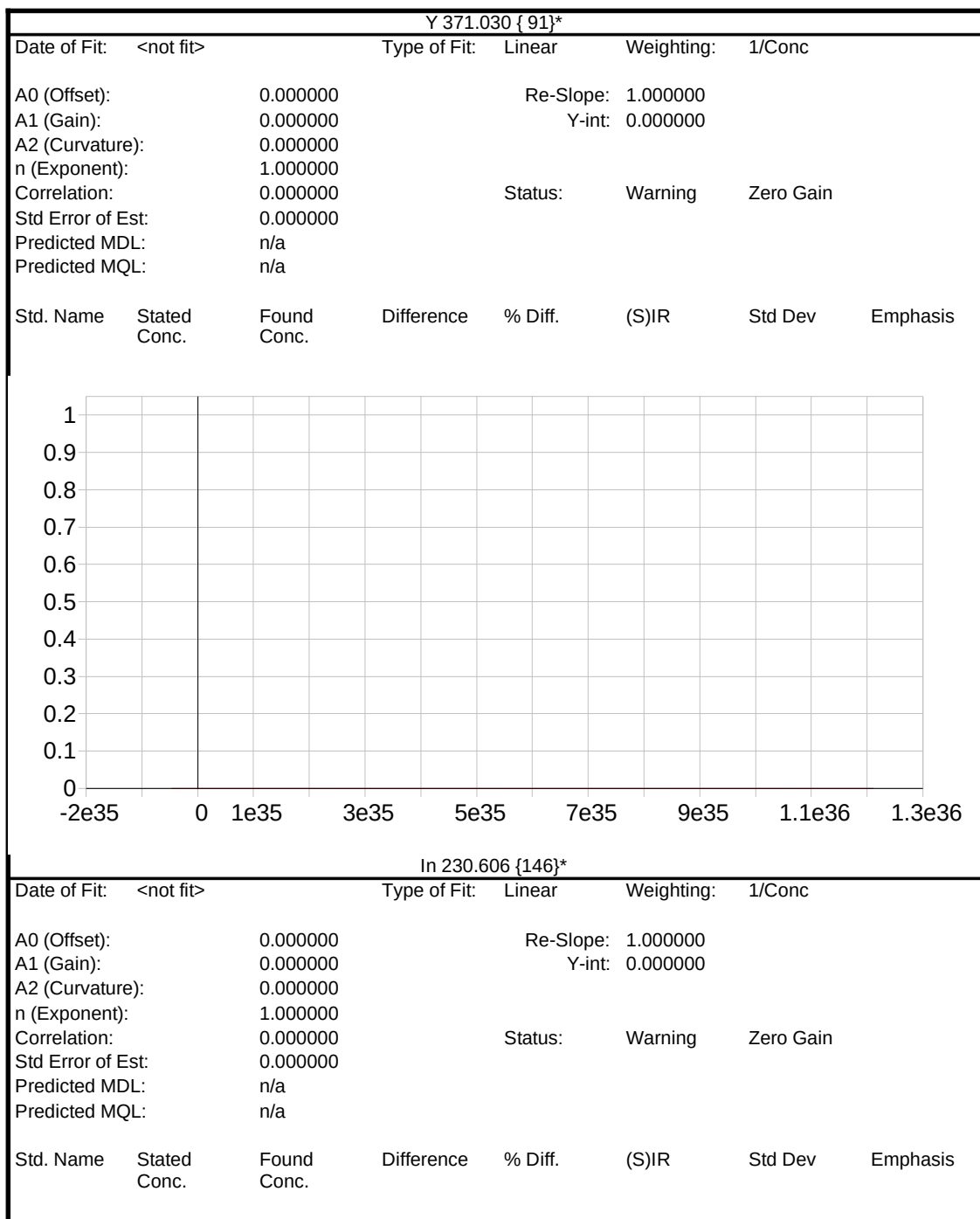
A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000

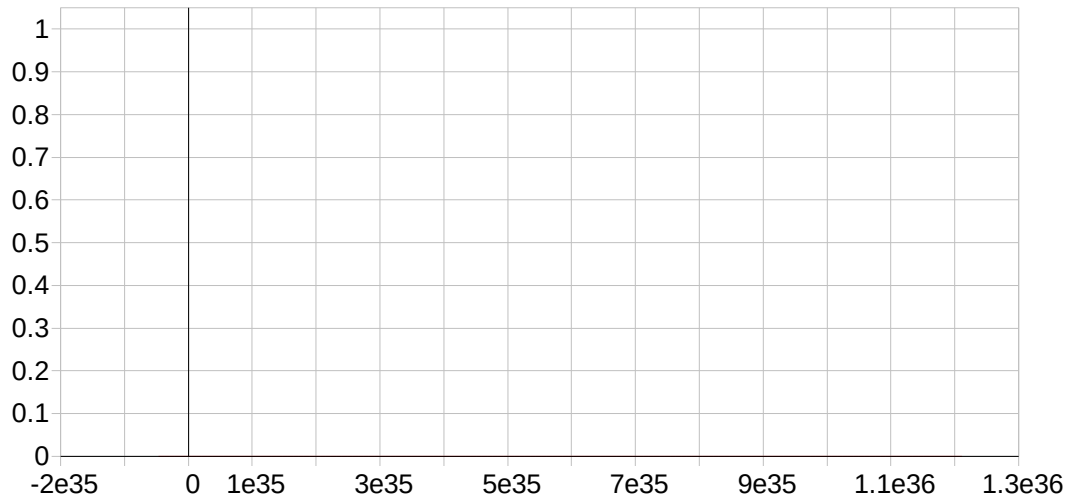
Status: Warning Zero Gain

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain





In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

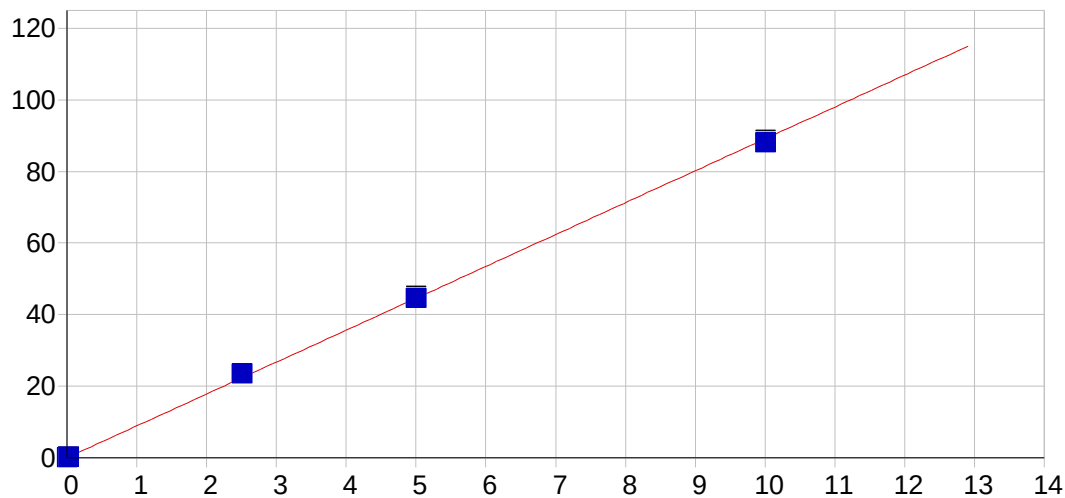
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 1/17/2019 12:41:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002408

Re-Slope: 1.000000

A1 (Gain): 8.910063

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999764

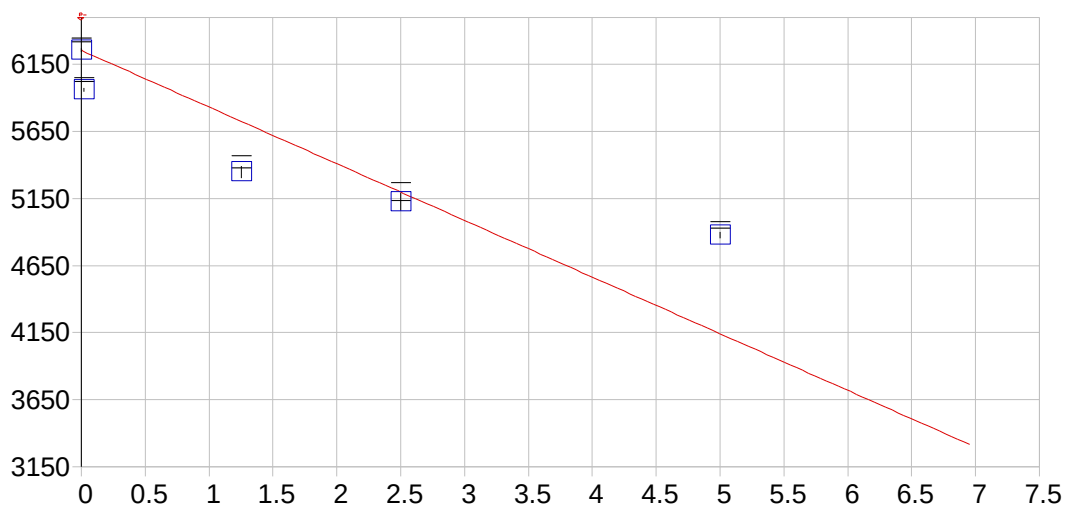
Status: OK.

Std Error of Est: 0.004686

Predicted MDL: 0.000150

Predicted MQL: 0.000501

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00239	.001	1
S1	.02000	.02120	.001	5.99	.19226	.004	1
S3	2.5000	2.6294	.129	5.17	23.455	.040	1
S4	5.0000	4.9932	-.007	-.135	44.542	.537	1
S5	10.000	9.8762	-.124	-1.24	88.098	.533	1

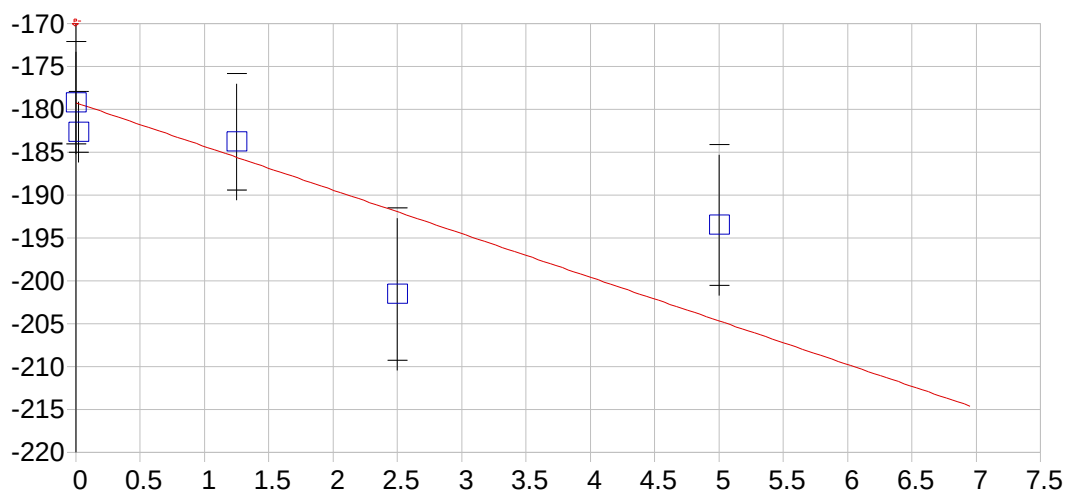


U 367.007 { 92 }

Date of Fit: 1/17/2019 12:41:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 6254.584822 Re-Slope: 1.000000
 A1 (Gain): -422.530643 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.515150 Status: Warning Negative Gain
 Std Error of Est: 12.013343
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00069	-.001	.000	6254.9	14.7	1
S1	.02000	.69812	.678	3390.	5959.6	14.1	1
S3	1.2500	2.1459	.896	71.7	5347.9	46.7	1
S4	2.5000	2.6676	.168	6.70	5127.5	66.5	1
S5	5.0000	3.2584	-1.74	-34.8	4877.8	24.1	1



U 385.958 { 87}

Date of Fit: 1/17/2019 12:41:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -179.236637

Re-Slope: 1.000000

A1 (Gain): -5.085187

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.517740

Status: Warning Negative Gain

Std Error of Est: 0.143596

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00066	-.001	.000	-179.23	5.97	1
S1	.02000	.67453	.655	3270.	-182.67	3.54	1
S3	1.2500	.89903	-.351	-28.1	-183.81	6.77	1
S4	2.5000	4.3961	1.90	75.8	-201.59	8.88	1
S5	5.0000	2.8003	-2.20	-44.0	-193.48	8.21	1

Sample Name: S0 Acquired: 1/17/2019 12:15:36 Type: Cal
Method: P4-ICP2(v2751) 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	-.00094	.00052	.00733	-.00028	.00045	.00029	.17799	-.00007
Stddev	.00019	.00018	.00024	.00007	.00007	.00008	.00715	.00005
%RSD	20.268	35.189	3.2546	23.209	16.347	28.074	4.0167	71.546

#1	-.00092	.00033	.00751	-.00021	.00039	.00020	.17249	-.00002
#2	-.00114	.00052	.00742	-.00029	.00053	.00037	.18607	-.00011
#3	-.00076	.00070	.00706	-.00034	.00044	.00030	.17540	-.00006

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	-.00401	.00182	.00006	.00064	.00416	-.01336	.00094	-.00044
Stddev	.00018	.00033	.00007	.00024	.00023	.02126	.00006	.00035
%RSD	4.4109	17.936	105.24	37.879	5.4370	159.16	5.9207	80.685

#1	-.00391	.00144	.00013	.00076	.00439	-.01881	.00100	-.00062
#2	-.00421	.00199	.00007	.00036	.00394	-.03136	.00090	-.00003
#3	-.00390	.00202	-.00001	.00080	.00416	.01010	.00090	-.00065

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	-.00568	.00192	.10338	.00025	.19422	-.07582	.00017	.00021
Stddev	.00010	.00010	.00445	.00011	.01304	.00238	.00014	.00021
%RSD	1.6752	4.9485	4.3004	43.445	6.7152	3.1452	82.017	101.95

#1	-.00575	.00183	.10622	.00014	.20872	-.07405	.00031	.00004
#2	-.00558	.00192	.09826	.00024	.19049	-.07486	.00002	.00014
#3	-.00573	.00202	.10566	.00035	.18345	-.07853	.00019	.00045

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	.00026	.01422	.00271	.00058	.04430	-.0026	.00239	6254.9
Stddev	.00008	.00088	.00013	.00075	.00354	.0001	.00108	14.7
%RSD	29.111	6.2189	4.9029	128.13	7.9838	3.040	45.132	.23457

#1	.00028	.01413	.00287	-.00007	.04833	-.0025	.00362	6271.6
#2	.00018	.01514	.00265	.00139	.04290	-.0026	.00158	6248.8
#3	.00034	.01338	.00262	.00043	.04168	-.0025	.00198	6244.2

Sample Name: S0 Acquired: 1/17/2019 12:15:36 Type: Cal
Method: P4-ICP2(v2751) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-179.23
Stddev	5.97
%RSD	3.3332

#1	-175.39
#2	-186.12
#3	-176.19

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3419.4	43002.	3630.2	102.42	4045.8
Stddev	9.0	106.	25.1	.14	10.5
%RSD	.26420	.24704	.69141	.14093	.26054

#1	3411.3	42928.	3619.0	102.33	4033.8
#2	3417.9	42953.	3612.6	102.58	4049.9
#3	3429.1	43124.	3659.0	102.33	4053.6

Sample Name: S1 Acquired: 1/17/2019 12:20:02 Type: Cal
Method: P4-ICP2(v2751) 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	.00021	.00673	.01083	.00096	.00821	.00112	.75293	.00619
Stddev	.00009	.00027	.00029	.00024	.00014	.00002	.00425	.00006
%RSD	45.202	4.0623	2.6642	25.310	1.6997	2.0391	.56455	1.0380

#1	.00031	.00684	.01102	.00121	.00813	.00110	.74985	.00614
#2	.00020	.00693	.01050	.00096	.00813	.00112	.75118	.00626
#3	.00012	.00642	.01097	.00072	.00837	.00114	.75778	.00617

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	.01366	.00248	.03615	.01998	.14533	.03213	.02267	.00421
Stddev	.00021	.00010	.00009	.00018	.00608	.00029	.00018	.00006
%RSD	1.5130	4.1263	.26118	.90920	4.1814	.90788	.78027	1.4444

#1	.01383	.00259	.03605	.02017	.15139	.03199	.02263	.00417
#2	.01371	.00242	.03617	.01981	.13924	.03193	.02252	.00418
#3	.01343	.00241	.03623	.01997	.14536	.03246	.02287	.00428

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	.01112	4.2590	.15954	.00398	.00079	.19273	.01012	.01300
Stddev	.00004	.0314	.00057	.00018	.00014	.00122	.00006	.00023
%RSD	.38714	.73713	.36029	4.4497	18.146	.63107	.62984	1.7394

#1	.01107	4.2248	.16002	.00409	.00089	.19210	.01017	.01301
#2	.01115	4.2865	.15890	.00408	.00063	.19413	.01014	.01276
#3	.01114	4.2656	.15968	.00378	.00086	.19195	.01005	.01322

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07173	-.0009	.19226	5959.6	-182.67
Stddev	.00227	.0001	.00356	14.1	3.54
%RSD	3.1584	7.799	1.8518	.23605	1.9381

#1	.06915	-.0010	.18852	5975.3	-186.11
#2	.07266	-.0008	.19561	5948.0	-182.84
#3	.07338	-.0009	.19264	5955.5	-179.04

Sample Name: S1 Acquired: 1/17/2019 12:20:02 Type: Cal
Method: P4-ICP2(v2751) 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	3437.7	42886.	3720.9	98.828	4038.9
Stddev	19.0	77.	3.9	1.068	17.2
%RSD	.55128	.18009	.10396	1.0804	.42608
#1	3416.9	42922.	3725.2	99.633	4022.0
#2	3442.2	42939.	3717.6	97.617	4038.2
#3	3454.0	42797.	3719.9	99.233	4056.4

Sample Name: S2 Acquired: 1/17/2019 12:25:06 Type: Cal
Method: P4-ICP2(v2751) 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	.10271	.02146	.71286	.07654
Stddev	.00075	.00059	.00625	.00024
%RSD	.72561	2.7560	.87615	.30954

#1	.10292	.02107	.70689	.07633
#2	.10333	.02118	.71935	.07680
#3	.10189	.02214	.71233	.07649

Int. Std.	Y_3710
Units	Cts/S
Avg	3758.6
Stddev	44.8
%RSD	1.1922

#1	3731.3
#2	3734.3
#3	3810.3

Sample Name: S3 Acquired: 1/17/2019 12:29:20 Type: Cal
Method: P4-ICP2(v2751) 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	.13877	.35831	.79848	.17142	.36577	.03774	26.835	.12712
Stddev	.00066	.00083	.00461	.00041	.00100	.00042	.084	.00032
%RSD	.47496	.23039	.57714	.24138	.27223	1.1059	.31339	.25096
#1	.13828	.35853	.80299	.17185	.36633	.03729	26.748	.12686
#2	.13851	.35739	.79378	.17103	.36462	.03811	26.842	.12748
#3	.13952	.35900	.79868	.17138	.36635	.03784	26.915	.12703
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	3.6875	.62101	.11465	1.3469	.46233	3.4490	1.7807	.12446
Stddev	.0111	.00273	.00065	.0048	.00041	.0503	.0013	.00116
%RSD	.30184	.44009	.56619	.35393	.08860	1.4575	.07382	.93466
#1	3.6963	.61807	.11390	1.3510	.46280	3.4211	1.7803	.12389
#2	3.6750	.62149	.11499	1.3417	.46207	3.5071	1.7796	.12579
#3	3.6911	.62347	.11506	1.3479	.46211	3.4189	1.7822	.12368
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	.80464	.14650	3.8873	.30474	115.49	.90481	1.9325	.09701
Stddev	.00166	.00053	.0031	.00031	1.03	.00523	.0039	.00131
%RSD	.20588	.36239	.08090	.10263	.89109	.57853	.20135	1.3523
#1	.80610	.14589	3.8856	.30438	115.25	.89877	1.9336	.09591
#2	.80284	.14681	3.8909	.30494	116.61	.90785	1.9357	.09666
#3	.80499	.14681	3.8854	.30490	114.59	.90782	1.9281	.09846
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	.10366	1.1685	.47440	.71037	4.7349	.2199	23.455	5347.9
Stddev	.00077	.0034	.00204	.00411	.0191	.0012	.040	46.7
%RSD	.74722	.28731	.43013	.57886	.40352	.5546	.17084	.87314
#1	.10342	1.1652	.47528	.70660	4.7182	.2198	23.416	5373.0
#2	.10303	1.1685	.47206	.70975	4.7310	.2188	23.452	5376.6
#3	.10452	1.1719	.47585	.71476	4.7557	.2212	23.496	5294.0

Sample Name: S3 Acquired: 1/17/2019 12:29:20 Type: Cal
 Method: P4-ICP2(v2751) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-183.81
Stddev	6.77
%RSD	3.6809

#1	-182.66
#2	-177.69
#3	-191.07

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3331.2	41114.	3787.9	95.866	3730.2
Stddev	6.8	50.	5.9	1.036	5.6
%RSD	.20272	.12113	.15501	1.0808	.14904

#1	3331.7	41123.	3787.4	96.129	3725.3
#2	3324.2	41158.	3794.1	94.723	3736.3
#3	3337.6	41060.	3782.3	96.745	3729.1

Sample Name: S4 Acquired: 1/17/2019 12:33:21 Type: Cal
Method: P4-ICP2(v2751) 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	.26351	.67772	1.5108	.32444	.69119	.07091	49.791	.23885
Stddev	.00036	.00199	.0053	.00080	.00208	.00039	.716	.00159
%RSD	.13529	.29361	.34884	.24680	.30155	.54978	1.4381	.66402
#1	.26374	.67550	1.5060	.32470	.69304	.07053	48.973	.23772
#2	.26310	.67828	1.5100	.32354	.68893	.07131	50.098	.23817
#3	.26369	.67936	1.5164	.32507	.69160	.07090	50.303	.24066
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	7.0613	1.1420	.21526	2.5625	.85381	6.5611	3.3373	.23392
Stddev	.0147	.0129	.00084	.0069	.00053	.0199	.0089	.00186
%RSD	.20830	1.1284	.38901	.27069	.06157	.30321	.26561	.79534
#1	7.0444	1.1274	.21493	2.5546	.85332	6.5647	3.3270	.23180
#2	7.0684	1.1468	.21621	2.5675	.85374	6.5397	3.3420	.23526
#3	7.0711	1.1519	.21463	2.5654	.85437	6.5790	3.3427	.23470
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	1.5330	.27379	7.1394	.57780	214.12	1.7517	3.5933	.18180
Stddev	.0035	.00117	.1076	.00134	2.00	.0271	.0065	.00197
%RSD	.22934	.42586	1.5075	.23259	.93617	1.5495	.17948	1.0813
#1	1.5299	.27290	7.0209	.57660	215.80	1.7204	3.5969	.17955
#2	1.5368	.27511	7.1663	.57756	211.90	1.7663	3.5859	.18312
#3	1.5322	.27336	7.2311	.57925	214.67	1.7685	3.5972	.18274
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	.19813	1.9965	.88740	1.3242	8.7837	.4264	44.542	5127.5
Stddev	.00066	.0175	.00354	.0130	.1074	.0024	.537	66.5
%RSD	.33491	.87678	.39853	.98363	1.2231	.5718	1.2048	1.2962
#1	.19793	1.9786	.88348	1.3094	8.6605	.4238	43.930	5140.8
#2	.19759	1.9973	.88840	1.3297	8.8332	.4267	44.761	5055.3
#3	.19887	2.0136	.89034	1.3337	8.8575	.4287	44.934	5186.3

Sample Name: S4 Acquired: 1/17/2019 12:33:21 Type: Cal
 Method: P4-ICP2(v2751) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-201.59
Stddev	8.88
%RSD	4.4041

#1	-202.89
#2	-192.14
#3	-209.75

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3294.6	40393.	3765.2	93.602	3605.4
Stddev	2.0	172.	22.6	.814	7.5
%RSD	.06176	.42594	.60026	.87013	.20702

#1	3292.5	40467.	3790.4	92.838	3613.3
#2	3294.8	40197.	3758.3	94.459	3598.4
#3	3296.5	40516.	3746.8	93.509	3604.7

Sample Name: S5 Acquired: 1/17/2019 12:37:22 Type: Cal
Method: P4-ICP2(v2751) 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	.53086	1.3521	3.0555	.64872	1.3803	.14419	97.568	.47473
Stddev	.00114	.0027	.0032	.00172	.0018	.00074	.149	.00064
%RSD	.21392	.19705	.10319	.26500	.12963	.51153	.15274	.13380
#1	.53216	1.3491	3.0561	.64914	1.3808	.14345	97.682	.47537
#2	.53002	1.3541	3.0521	.64683	1.3783	.14419	97.399	.47410
#3	.53041	1.3531	3.0583	.65019	1.3818	.14493	97.621	.47473
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	14.332	2.2480	.42670	5.2073	1.6722	13.209	6.5350	.46115
Stddev	.010	.0053	.00194	.0042	.0051	.285	.0021	.00208
%RSD	.07243	.23408	.45576	.08121	.30260	2.1564	.03191	.45207
#1	14.340	2.2531	.42540	5.2047	1.6731	13.148	6.5344	.46245
#2	14.320	2.2481	.42894	5.2050	1.6668	13.520	6.5333	.46226
#3	14.337	2.2426	.42576	5.2121	1.6768	12.960	6.5373	.45875
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	3.0929	.54699	14.082	1.1464	420.66	3.5296	7.1153	.36131
Stddev	.0034	.00118	.091	.0008	10.53	.0204	.0161	.00072
%RSD	.11037	.21519	.64803	.06923	2.5042	.57898	.22683	.19908
#1	3.0929	.54565	14.184	1.1471	424.71	3.5517	7.1304	.36051
#2	3.0895	.54785	14.008	1.1465	428.58	3.5256	7.0983	.36191
#3	3.0964	.54746	14.053	1.1456	408.71	3.5114	7.1173	.36149
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	.41592	3.8543	1.8012	2.6405	17.369	.8888	88.098	4877.8
Stddev	.00096	.0273	.0024	.0060	.086	.0004	.533	24.1
%RSD	.23021	.70802	.13056	.22860	.49280	.0471	.60537	.49374
#1	.41636	3.8788	1.8003	2.6336	17.467	.8893	88.698	4902.2
#2	.41482	3.8593	1.7993	2.6446	17.321	.8887	87.917	4877.1
#3	.41658	3.8249	1.8038	2.6434	17.317	.8885	87.679	4854.0

Sample Name: S5 Acquired: 1/17/2019 12:37:22 Type: Cal
 Method: P4-ICP2(v2751) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-193.48
Stddev	8.21
%RSD	4.2419

#1	-199.65
#2	-184.16
#3	-196.62

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3188.1	39276.	3769.4	91.452	3381.8
Stddev	5.7	47.	29.5	2.261	3.2
%RSD	.17774	.12022	.78351	2.4725	.09519

#1	3186.7	39331.	3737.9	90.605	3383.9
#2	3194.4	39248.	3773.8	89.737	3383.5
#3	3183.3	39249.	3796.4	94.014	3378.1

Sample Name: ICV01 Acquired: 1/17/2019 13:05:20 Type: Unk
Method: P4-ICP2(v2751) 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	1.0319	1.0312	1.0083	1.0331	1.0152	2.5127	.51018
Stddev	.0040	.0027	.0016	.0014	.0053	.0193	.00500
%RSD	.39037	.26698	.16114	.13706	.52748	.76813	.98051

#1	1.0365	1.0335	1.0092	1.0315	1.0191	2.4917	.50444
#2	1.0288	1.0281	1.0065	1.0338	1.0091	2.5296	.51361
#3	1.0306	1.0319	1.0093	1.0341	1.0174	2.5169	.51250

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49990	.49188	10.295	F .52016	.50603	.50692	5.1800
Stddev	.00156	.00141	.069	.00073	.00155	.00007	.1490
%RSD	.31110	.28741	.66739	.14106	.30664	.01353	2.8755

#1	.49823	.49025	10.222	.52029	.50511	.50700	5.0080
#2	.50130	.49275	10.358	.51937	.50515	.50688	5.2688
#3	.50018	.49265	10.305	.52082	.50782	.50688	5.2632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .52653	6.0079	.50821	.50850	9.9150	.50823	1.0139
Stddev	.00049	.0999	.00153	.00093	.1025	.00112	.0203
%RSD	.09232	1.6631	.30110	.18369	1.0339	.22095	2.0030

#1	.52673	5.8945	.50715	.50822	9.8114	.50897	.99060
#2	.52688	6.0832	.50750	.50955	10.016	.50879	1.0276
#3	.52597	6.0460	.50996	.50774	9.9173	.50694	1.0236

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.119	2.5763	2.5377	2.5830	2.4223	2.5441	2.6246
Stddev	.075	.0041	.0208	.0082	.0245	.0022	.0323
%RSD	.74105	.15869	.82036	.31795	1.0126	.08527	1.2323

#1	10.033	2.5717	2.5164	2.5741	2.3940	2.5454	2.5875
#2	10.170	2.5796	2.5579	2.5846	2.4373	2.5452	2.6466
#3	10.153	2.5775	2.5389	2.5902	2.4357	2.5416	2.6398

Sample Name: ICV01 Acquired: 1/17/2019 13:05:20 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 2.7827	2.622	2.5908	F 2.9563	F<.00000
Stddev	.0218	.004	.0251	.0733	1.2492
%RSD	.78306	.1673	.96996	2.4803	56.213

#1	2.7577	2.625	2.5629	2.9891	-.90290
#2	2.7977	2.617	2.6118	3.0075	-3.3868
#3	2.7926	2.625	2.5977	2.8723	-2.3769

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3313.9	40711.	3941.3	97.949	3797.2
Stddev	7.2	200.	28.9	1.789	1.8
%RSD	.21737	.49088	.73392	1.8269	.04755

#1	3306.5	40542.	3968.0	99.990	3798.8
#2	3314.5	40658.	3910.5	96.649	3795.3
#3	3320.8	40932.	3945.4	97.208	3797.6

Sample Name: LLICV01 Acquired: 1/17/2019 13:14:45 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01871	.03706	.01425	.01708	.04559	.09205	.09048
Stddev	.00302	.00070	.00076	.00083	.00198	.01007	.00128
%RSD	16.150	1.8773	5.3240	4.8467	4.3513	10.940	1.4124

#1	.02218	.03756	.01345	.01613	.04742	.09197	.09140
#2	.01673	.03626	.01435	.01750	.04348	.10216	.08902
#3	.01720	.03735	.01495	.01762	.04587	.08202	.09102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00552	.00508	1.8436	.00978	.02830	.01741	.10833
Stddev	.00010	.00009	.0303	.00024	.00007	.00029	.00836
%RSD	1.7374	1.8066	1.6424	2.4105	.25007	1.6477	7.7157

#1	.00547	.00518	1.8230	.00962	.02823	.01773	.11321
#2	.00546	.00505	1.8294	.01005	.02837	.01727	.09868
#3	.00563	.00500	1.8784	.00967	.02830	.01721	.11310

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01966	1.8280	.03734	.00985	1.7379	.03874	.03895
Stddev	.00014	.0166	.00060	.00073	.0035	.00017	.00049
%RSD	.70048	.90886	1.6115	7.3838	.20203	.44504	1.2650

#1	.01958	1.8158	.03674	.01054	1.7410	.03855	.03855
#2	.01959	1.8469	.03794	.00909	1.7341	.03888	.03879
#3	.01982	1.8212	.03732	.00993	1.7386	.03880	.03950

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6381	.18060	.08883	F .00307	.35896	.03375	.03733
Stddev	.0477	.00159	.00979	.00121	.00332	.00057	.00179
%RSD	2.9116	.87914	11.021	39.487	.92367	1.6862	4.7943

#1	1.6366	.18217	.10003	.00271	.35906	.03414	.03904
#2	1.6865	.18065	.08191	.00209	.35559	.03310	.03750
#3	1.5912	.17899	.08455	.00443	.36222	.03402	.03547

Sample Name: LLICV01 Acquired: 1/17/2019 13:14:45 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01316	F .0158	.01795	F 2.9273	F<.00000
Stddev	.00088	.0011	.00019	.1476	1.4601
%RSD	6.6851	7.257	1.0810	5.0437	42.569

#1	.01371	.0150	.01800	2.9910	-4.8634
#2	.01214	.0154	.01773	3.0324	-3.4820
#3	.01362	.0171	.01811	2.7585	-1.9445

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3338.8	40913.	3905.0	98.050	3935.5
Stddev	21.3	127.	9.4	1.192	6.9
%RSD	.63717	.30970	.23997	1.2157	.17541

#1	3319.7	40847.	3908.8	99.092	3934.9
#2	3334.9	40834.	3911.9	98.308	3929.0
#3	3361.7	41059.	3894.3	96.750	3942.7

Sample Name: ICB01 Acquired: 1/17/2019 13:24:10 Type: Unk
Method: P4-ICP2(v2751) 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	-.00064	-.00078	.00279	-.00165	-.00026	-.00113	-.00035
Stddev	.00337	.00106	.00033	.00277	.00094	.00657	.00033
%RSD	523.40	137.09	11.840	168.01	362.31	581.10	92.547

#1	.00267	.00015	.00260	-.00011	.00081	.00236	-.00062
#2	-.00053	-.00194	.00317	-.00484	-.00064	.00295	.00001
#3	-.00407	-.00054	.00260	.00001	-.00095	-.00871	-.00045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00002	.00148	.00023	.00015	-.00071	.02146
Stddev	.00003	.00006	.02139	.00017	.00016	.00035	.00749
%RSD	202.24	266.63	1443.9	76.180	104.90	49.199	34.896

#1	-.00001	.00008	-.01091	.00038	.00022	-.00108	.01357
#2	.00002	.00004	.02618	.00025	.00026	-.00064	.02848
#3	-.00005	-.00004	-.01083	.00004	-.00003	-.00040	.02233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	-.02601	.00015	.00031	-.10799	.00001	-.00039
Stddev	.00006	.01226	.00036	.00037	.01142	.00032	.00008
%RSD	33.049	47.127	241.30	118.40	10.574	2816.2	20.784

#1	-.00018	-.01187	-.00020	.00071	-.09486	.00019	-.00040
#2	-.00013	-.03263	.00052	-.00002	-.11564	-.00036	-.00030
#3	-.00025	-.03354	.00013	.00025	-.11346	.00020	-.00045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.17217	-.00021	-.00441	F -.01044	.00295	-.00531	-.00018
Stddev	.02107	.00015	.01514	.00082	.00145	.00032	.00255
%RSD	12.239	69.857	343.03	7.8852	49.270	6.0453	1406.1

#1	-.15497	-.00031	-.00881	-.00958	.00373	-.00566	.00048
#2	-.16587	-.00028	.01244	-.01122	.00127	-.00503	.00197
#3	-.19567	-.00004	-.01687	-.01053	.00385	-.00524	-.00300

Sample Name: ICB01 Acquired: 1/17/2019 13:24:10 Type: Unk
Method: P4-ICP2(v2751) 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	F -.01150	-.0013	-.00009	F 3.0982	F<.00000
Stddev	.00096	.0005	.00016	.0484	1.5403
%RSD	8.3762	41.22	168.39	1.5628	35.064
#1	-.01250	-.0008	-.00028	3.0518	-5.3919
#2	-.01058	-.0013	-.00000	3.1484	-5.1676
#3	-.01144	-.0019	-.00000	3.0944	-2.6190
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3342.3	41051.	3936.3	96.922	3966.3
Stddev	4.0	79.	14.7	1.771	6.0
%RSD	.11821	.19219	.37356	1.8272	.15120
#1	3338.0	40988.	3941.4	98.900	3960.1
#2	3343.1	41027.	3919.7	96.383	3966.8
#3	3345.7	41140.	3947.8	95.483	3972.0

Sample Name: CRI01 Acquired: 1/17/2019 13:28:37 Type: Unk
Method: P4-ICP2(v2751) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01868	.04125	.01458	.01476	.04792	.08786	.09488
Stddev	.00393	.00142	.00023	.00312	.00155	.00670	.00049
%RSD	21.057	3.4518	1.6042	21.117	3.2323	7.6311	.51958

#1	.01896	.04187	.01485	.01814	.04861	.08224	.09507
#2	.01462	.03962	.01443	.01414	.04901	.08606	.09432
#3	.02247	.04225	.01446	.01199	.04615	.09529	.09526

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00589	.00537	1.9426	.01035	.03042	.01820	.11615
Stddev	.00004	.00009	.0114	.00015	.00024	.00016	.01109
%RSD	.59490	1.6572	.58594	1.4388	.77267	.87199	9.5462

#1	.00585	.00537	1.9453	.01041	.03047	.01811	.12535
#2	.00592	.00546	1.9301	.01046	.03016	.01838	.11926
#3	.00590	.00529	1.9524	.01018	.03063	.01811	.10384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02087	1.9953	.03968	.01022	1.7977	.04081	.04250
Stddev	.00006	.0452	.00038	.00036	.0232	.00032	.00042
%RSD	.26757	2.2642	.97015	3.4981	1.2880	.78815	.98813

#1	.02082	1.9766	.04012	.01051	1.7793	.04113	.04288
#2	.02093	1.9625	.03939	.00982	1.8237	.04049	.04256
#3	.02087	2.0468	.03954	.01032	1.7901	.04082	.04205

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6835	.19121	.09124	F .00411	.37837	.03333	.03957
Stddev	.0337	.00106	.00664	.00303	.00287	.00145	.00306
%RSD	2.0025	.55392	7.2748	73.650	.75817	4.3418	7.7305

#1	1.6533	.19201	.09159	.00288	.38156	.03414	.03998
#2	1.7199	.19161	.08444	.00757	.37752	.03419	.03633
#3	1.6774	.19001	.09770	.00190	.37602	.03166	.04240

Sample Name: CRI01 Acquired: 1/17/2019 13:28:37 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00794	.0160	.01887	F 3.0307	F<.00000
Stddev	.00033	.0011	.00021	.0796	2.8417
%RSD	4.1467	6.636	1.1150	2.6254	67.325
#1	.00829	.0152	.01900	3.1195	-5.8182
#2	.00764	.0172	.01863	3.0065	-.93994
#3	.00788	.0157	.01899	2.9660	-5.9043
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3332.7	40896.	3924.4	96.058	3932.4
Stddev	5.6	126.	10.3	.726	5.1
%RSD	.16809	.30838	.26210	.75585	.12913
#1	3335.6	40765.	3912.5	95.517	3928.2
#2	3326.3	40907.	3929.6	95.775	3930.9
#3	3336.4	41016.	3931.0	96.883	3938.0

Sample Name: ICSA01 Acquired: 1/17/2019 13:33:04 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00330	.00806	.00376	-.00998	-.00356	219.16	.00322	-.00161
Stddev	.00444	.00113	.00158	.00477	.00458	.25	.00017	.00008
%RSD	134.51	14.072	42.066	47.778	128.68	.11246	5.1547	4.7166

#1	.00620	.00905	.00493	-.01400	-.00563	219.15	.00341	-.00152
#2	.00551	.00831	.00196	-.00471	-.00675	218.92	.00309	-.00164
#3	-.00181	.00682	.00439	-.01121	.00169	219.41	.00317	-.00166

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00460	264.49	.06168	.00012	.00061	110.92	.01519	271.80
Stddev	.00018	2.50	.00031	.00034	.00083	2.04	.00017	1.70
%RSD	3.9576	.94595	.49931	282.60	135.49	1.8413	1.1100	.62426

#1	.00480	262.17	.06151	.00042	-.00033	112.74	.01514	269.91
#2	.00444	264.16	.06204	.00019	.00095	108.71	.01506	272.27
#3	.00456	267.14	.06150	-.00025	.00121	111.30	.01538	273.20

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01209	-.00613	-.07488	.00011	.00657	-.07623	-.00089	.05854
Stddev	.00067	.00034	.01533	.00042	.00017	.02836	.00033	.00861
%RSD	5.5204	5.5274	20.477	398.05	2.5759	37.205	36.861	14.700

#1	-.01280	-.00619	-.07956	-.00007	.00675	-.10639	-.00099	.06810
#2	-.01200	-.00644	-.05775	-.00020	.00653	-.05010	-.00052	.05142
#3	-.01147	-.00577	-.08733	.00059	.00642	-.07219	-.00114	.05611

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01379	-.00363	.00423	-.00460	.00536	.0148	-.01265	4.4880
Stddev	.00246	.00146	.00070	.00158	.00039	.0035	.00281	.0996
%RSD	17.846	40.118	16.614	34.348	7.3120	23.42	22.242	2.2189

#1	-.01121	-.00203	.00342	-.00297	.00528	.0163	-.01561	4.6022
#2	-.01405	-.00488	.00465	-.00612	.00579	.0108	-.01001	4.4424
#3	-.01611	-.00398	.00463	-.00473	.00502	.0172	-.01232	4.4194

Sample Name: ICSA01 Acquired: 1/17/2019 13:33:04 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 2.5498
 %RSD 1.5285

#1 -169.76
 #2 -165.25
 #3 -165.43

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3008.9	36191.	3828.8	89.114	3188.9
Stddev	6.9	125.	20.6	1.644	3.7
%RSD	.22985	.34651	.53847	1.8444	.11497

#1	3002.8	36053.	3849.7	87.405	3186.4
#2	3007.6	36222.	3828.3	90.683	3187.3
#3	3016.4	36298.	3808.5	89.255	3193.2

Sample Name: ICSAB01 Acquired: 1/17/2019 13:44:26 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11451	.10522	.05637	.04535	.64197	210.38	.52190	.56223
Stddev	.00451	.00197	.00295	.00495	.00155	.98	.00421	.00053
%RSD	3.9410	1.8744	5.2253	10.911	.24073	.46504	.80586	.09513

#1	.11685	.10321	.05891	.03964	.64273	209.25	.51705	.56263
#2	.10931	.10715	.05705	.04825	.64019	210.92	.52439	.56242
#3	.11738	.10531	.05314	.04817	.64299	210.98	.52427	.56162

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0272	248.86	.59453	.51328	.48916	107.94	.54501	253.87
Stddev	.0010	1.92	.00219	.00048	.00132	1.45	.00128	2.37
%RSD	.09333	.77167	.36913	.09313	.26984	1.3402	.23576	.93323

#1	1.0280	246.66	.59203	.51277	.48861	106.34	.54458	251.15
#2	1.0275	249.72	.59546	.51337	.48819	108.33	.54399	254.97
#3	1.0261	250.20	.59611	.51371	.49066	109.16	.54645	255.49

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99597	.22508	-.06134	.52094	1.0601	-.03228	1.1036	1.1636
Stddev	.00247	.00062	.00726	.00245	.0151	.04447	.0029	.0199
%RSD	.24785	.27560	11.833	.46960	1.4217	137.76	.26055	1.7143

#1	.99467	.22448	-.06951	.52160	1.0430	.01813	1.1003	1.1428
#2	.99442	.22572	-.05563	.51823	1.0659	-.06593	1.1052	1.1826
#3	.99881	.22502	-.05890	.52298	1.0715	-.04904	1.1054	1.1653

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1143	.98712	1.1474	1.1343	1.1356	1.134	.99846	4.8117
Stddev	.0093	.01034	.0044	.0127	.0113	.003	.00725	.0782
%RSD	.83308	1.0470	.38613	1.1176	.99466	.2287	.72630	1.6254

#1	1.1061	.97906	1.1434	1.1200	1.1227	1.133	.99011	4.7571
#2	1.1244	.99877	1.1467	1.1389	1.1434	1.132	1.0032	4.9013
#3	1.1125	.98352	1.1521	1.1440	1.1408	1.137	1.0021	4.7767

Sample Name: ICSAB01 Acquired: 1/17/2019 13:44:26 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	3.4532
%RSD	2.1590

#1	-156.45
#2	-163.35
#3	-160.02

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2988.0	35904.	3828.5	86.722	3174.8
Stddev	15.4	117.	24.6	1.020	11.7
%RSD	.51488	.32626	.64177	1.1759	.36923

#1	2977.1	35999.	3853.9	87.898	3164.0
#2	2981.3	35773.	3804.9	86.183	3173.1
#3	3005.6	35939.	3826.7	86.086	3187.3

Sample Name: CCV01 Acquired: 1/17/2019 13:48:42 Type: Unk
Method: P4-ICP2(v2751) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2161	5.0836	5.1373	5.2108	5.2281	10.691	9.9881
Stddev	.0163	.0108	.0102	.0217	.0067	.011	.0206
%RSD	.31210	.21199	.19780	.41720	.12761	.10358	.20621

#1	5.2044	5.0758	5.1271	5.2036	5.2227	10.680	9.9745
#2	5.2347	5.0790	5.1376	5.2353	5.2356	10.693	10.012
#3	5.2091	5.0959	5.1474	5.1936	5.2261	10.702	9.9780

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25911	2.5353	25.411	1.0541	2.5341	1.2638	5.3522
Stddev	.00023	.0068	.091	.0018	.0078	.0020	.0517
%RSD	.08754	.26870	.35942	.17320	.30629	.16000	.96593

#1	.25898	2.5290	25.306	1.0556	2.5262	1.2616	5.3578
#2	.25897	2.5343	25.452	1.0547	2.5346	1.2643	5.4009
#3	.25937	2.5425	25.474	1.0521	2.5417	1.2655	5.2979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6000	24.564	2.5134	1.3440	24.049	2.5171	2.5533
Stddev	.0017	.149	.0070	.0026	.072	.0018	.0241
%RSD	.06627	.60655	.27820	.19354	.30065	.07301	.94330

#1	2.6006	24.397	2.5059	1.3470	23.971	2.5184	2.5675
#2	2.6014	24.614	2.5144	1.3424	24.114	2.5150	2.5668
#3	2.5981	24.682	2.5198	1.3426	24.063	2.5180	2.5255

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.397	5.0707	4.9374	4.9454	4.9326	5.1112	5.1412
Stddev	.109	.0080	.0124	.0344	.0086	.0190	.0124
%RSD	.44504	.15828	.25161	.69610	.17525	.37192	.24121

#1	24.281	5.0652	4.9235	4.9600	4.9233	5.0914	5.1289
#2	24.415	5.0799	4.9475	4.9061	4.9405	5.1130	5.1537
#3	24.496	5.0669	4.9411	4.9702	4.9339	5.1293	5.1410

Sample Name: CCV01 Acquired: 1/17/2019 13:48:42 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9425	5.100	5.1800	F 4.3151	F<.00000
Stddev	.0162	.005	.0312	.0764	1.1108
%RSD	.32806	.0977	.60175	1.7696	29.882
#1	4.9259	5.094	5.1444	4.4008	-3.2190
#2	4.9583	5.104	5.2022	4.2901	-4.9900
#3	4.9432	5.101	5.1935	4.2543	-2.9429
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3165.5	38603.	3887.4	92.391	3493.9
Stddev	9.4	53.	8.1	.921	10.6
%RSD	.29568	.13812	.20853	.99668	.30411
#1	3173.7	38581.	3891.5	91.969	3506.1
#2	3155.3	38563.	3878.0	91.756	3489.0
#3	3167.4	38663.	3892.6	93.447	3486.6

Sample Name: LLCCV01 Acquired: 1/17/2019 13:52:42 Type: Unk
Method: P4-ICP2(v2751) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01666	.04057	.01217	.01731	.04980	.09610	.09416
Stddev	.00129	.00082	.00036	.00196	.00030	.00536	.00058
%RSD	7.7687	2.0269	2.9516	11.334	.60891	5.5722	.61656

#1	.01758	.04150	.01230	.01765	.04980	.10148	.09483
#2	.01518	.04029	.01245	.01520	.05011	.09077	.09380
#3	.01722	.03993	.01176	.01907	.04950	.09606	.09386

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00572	.00536	1.9176	.01027	.02996	.01990	.10648
Stddev	.00013	.00004	.0176	.00026	.00015	.00055	.01373
%RSD	2.3103	.73759	.91503	2.5770	.51616	2.7808	12.897

#1	.00560	.00539	1.9067	.01018	.02979	.02049	.09512
#2	.00586	.00536	1.9379	.01057	.03000	.01983	.10258
#3	.00570	.00532	1.9083	.01006	.03009	.01939	.12174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02053	1.8834	.03884	.01070	1.7320	.03980	.04161
Stddev	.00006	.0618	.00007	.00052	.0050	.00026	.00073
%RSD	.27501	3.2826	.18053	4.8313	.29156	.64463	1.7633

#1	.02049	1.9320	.03891	.01030	1.7372	.04009	.04147
#2	.02052	1.8138	.03878	.01129	1.7316	.03963	.04096
#3	.02060	1.9043	.03882	.01053	1.7272	.03967	.04241

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7214	.18822	.10120	F .00555	.37345	.03366	.04340
Stddev	.0289	.00104	.00649	.00261	.00643	.00050	.00298
%RSD	1.6771	.55224	6.4108	47.056	1.7221	1.4856	6.8574

#1	1.7001	.18861	.10387	.00827	.37958	.03422	.04237
#2	1.7543	.18902	.09380	.00532	.36675	.03327	.04108
#3	1.7100	.18705	.10592	.00306	.37402	.03348	.04676

Sample Name: LLCCV01 Acquired: 1/17/2019 13:52:42 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00597	.0165	.01890	F 3.7235	F<.00000
Stddev	.00115	.0026	.00004	.1246	3.0027
%RSD	19.276	16.02	.19834	3.3474	77.516

#1	.00542	.0162	.01894	3.8281	-1.3641
#2	.00729	.0193	.01887	3.7567	-3.0566
#3	.00520	.0140	.01889	3.5856	-7.2004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3300.5	40402.	3938.3	96.083	3896.5
Stddev	9.2	146.	37.4	1.531	2.7
%RSD	.27894	.36065	.94968	1.5931	.06863

#1	3293.9	40325.	3896.7	96.458	3894.0
#2	3296.6	40311.	3969.0	97.392	3896.2
#3	3311.0	40570.	3949.2	94.400	3899.4

Sample Name: CCB01 Acquired: 1/17/2019 13:57:09 Type: Unk
Method: P4-ICP2(v2751) 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	-.00148	.00061	-.00258	-.00314	-.00187	-.00406	-.00036
Stddev	.00166	.00067	.00025	.00062	.00091	.01860	.00030
%RSD	112.44	109.50	9.7926	19.698	48.426	457.69	82.859

#1	.00041	.00065	-.00267	-.00340	-.00135	.01716	-.00005
#2	-.00271	-.00008	-.00230	-.00359	-.00292	-.01184	-.00038
#3	-.00215	.00126	-.00279	-.00243	-.00135	-.01752	-.00064

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00009	.00553	-.00002	-.00002	-.00052	.02146
Stddev	.00007	.00007	.02317	.00033	.00013	.00016	.00764
%RSD	243.92	78.493	418.86	2116.6	723.19	31.317	35.617

#1	-.00000	.00013	.00451	-.00015	.00004	-.00049	.01332
#2	.00010	.00001	-.01711	.00036	-.00017	-.00037	.02257
#3	-.00002	.00013	.02920	-.00026	.00007	-.00070	.02848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	-.02134	.00003	.00051	-.14130	-.00011	-.00045
Stddev	.00007	.03552	.00043	.00068	.00203	.00018	.00003
%RSD	32.993	166.46	1291.9	133.96	1.4389	159.08	6.9172

#1	-.00025	-.02239	.00030	.00129	-.14220	-.00001	-.00047
#2	-.00013	-.05631	-.00046	.00002	-.13897	-.00001	-.00041
#3	-.00025	.01470	.00026	.00022	-.14273	-.00032	-.00046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.13992	-.00018	-.00930	F -.01116	.00116	-.00664	-.00056
Stddev	.05245	.00018	.00659	.00307	.00274	.00061	.00296
%RSD	37.483	101.99	70.831	27.507	236.14	9.1633	531.99

#1	-.07972	-.00038	-.01087	-.00804	-.00199	-.00615	.00275
#2	-.16432	-.00015	-.00207	-.01418	.00299	-.00732	-.00295
#3	-.17573	-.00002	-.01495	-.01127	.00248	-.00646	-.00147

Sample Name: CCB01 Acquired: 1/17/2019 13:57:09 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01578	-.0016	-.00008	F 3.5765	F<.00000
Stddev	.00064	.0014	.00005	.0856	2.6997
%RSD	4.0600	86.11	61.572	2.3934	46.278
#1	-.01649	-.0009	-.00003	3.5899	-2.8876
#2	-.01564	-.0032	-.00013	3.6545	-6.4241
#3	-.01523	-.0007	-.00008	3.4849	-8.1894
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3313.9	40506.	3950.1	96.131	3932.6
Stddev	5.1	62.	29.7	2.222	3.4
%RSD	.15440	.15193	.75231	2.3116	.08587
#1	3308.4	40435.	3977.1	93.567	3930.6
#2	3314.8	40544.	3918.3	97.325	3930.7
#3	3318.5	40539.	3955.1	97.500	3936.5

Sample Name: LR CHECK 1 Acquired: 1/17/2019 14:03:15 Type: Unk
Method: P4-ICP2(v2751) 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	-.22545	.04961	.04397	-.07086	.00207	2072.3	.00075	-.00230
Stddev	.01138	.00880	.00660	.00428	.00825	13.9	.00021	.00021
%RSD	5.0484	17.744	15.005	6.0422	399.31	.67117	28.282	8.9729

#1	-.21856	.03950	.04248	-.07552	.00118	2056.3	.00050	-.00206
#2	-.23858	.05379	.05119	-.06998	.01072	2079.1	.00088	-.00244
#3	-.21919	.05555	.03825	-.06709	-.00571	2081.6	.00086	-.00240

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03862	1702.7	.02003	.04343	-.08016	956.65	.00680	1699.8
Stddev	.00324	8.5	.00196	.00016	.00573	29.27	.00029	4.6
%RSD	8.3777	.49974	9.7915	.36691	7.1539	3.0596	4.2894	.27275

#1	-.03701	1696.5	.02070	.04354	-.07541	939.08	.00709	1694.5
#2	-.03651	1699.2	.02156	.04351	-.07855	940.43	.00680	1701.7
#3	-.04235	1712.4	.01782	.04325	-.08653	990.44	.00651	1703.2

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00487	-.06440	1896.2	.00141	.04497	1028.4	-.00735	.59387
Stddev	.00118	.00553	40.7	.00025	.00170	9.2	.00072	.05309
%RSD	24.168	8.5932	2.1465	17.484	3.7774	.89555	9.7400	8.9391

#1	-.00377	-.06734	1943.2	.00149	.04413	1033.0	-.00786	.56554
#2	-.00612	-.06783	1871.6	.00113	.04385	1017.7	-.00653	.56096
#3	-.00473	-.05801	1873.8	.00161	.04692	1034.3	-.00766	.65511

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28097	-.01279	.07736	-.06189	.09094	.1045	-1.0402	5.8943
Stddev	.01958	.00395	.00162	.00250	.00144	.0075	.0323	.0763
%RSD	6.9680	30.874	2.0972	4.0442	1.5809	7.188	3.1035	1.2945

#1	.26140	-.01712	.07923	-.06449	.09018	.1124	-1.0207	5.8664
#2	.28096	-.00939	.07636	-.06169	.09260	.0975	-1.0224	5.9806
#3	.30056	-.01185	.07648	-.05950	.09004	.1036	-1.0774	5.8358

Sample Name: LR CHECK 1 Acquired: 1/17/2019 14:03:15 Type: Unk
 Method: P4-ICP2(v2751) 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 -1999.8
 #3 -2018.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2369.5	27517.	3408.2	72.071	2189.3
Stddev	12.5	52.	13.4	2.363	2.1
%RSD	.52822	.18902	.39394	3.2790	.09476

#1	2355.2	27512.	3403.2	73.222	2187.4
#2	2378.5	27468.	3423.4	73.638	2191.5
#3	2374.9	27571.	3398.0	69.353	2188.9

Sample Name: LR CHECK 2 Acquired: 1/17/2019 14:08:10 Type: Unk
Method: P4-ICP2(v2751) 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	-.05393	-.00259	257.80	.02090	-.06278	129.54	94.064	-.00234
Stddev	.00241	.00074	1.35	.00681	.00468	.07	.264	.00022
%RSD	4.4641	28.711	.52239	32.606	7.4513	.05300	.28021	9.2334

#1	-.05487	-.00282	256.25	.01814	-.06259	129.60	94.364	-.00255
#2	-.05119	-.00320	258.50	.02866	-.05820	129.56	93.963	-.00237
#3	-.05571	-.00176	258.65	.01590	-.06755	129.47	93.867	-.00212

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02161	145.43	-.12634	-.01399	238.15	80.293	44.327	140.46
Stddev	.00015	.45	.00115	.00095	2.23	.042	.051	.27
%RSD	.67688	.30941	.91254	6.7700	.93762	.05173	.11553	.19368

#1	-.02173	145.12	-.12539	-.01292	240.11	80.248	44.298	140.65
#2	-.02166	145.95	-.12762	-.01434	238.61	80.299	44.298	140.58
#3	-.02145	145.22	-.12599	-.01471	235.72	80.331	44.387	140.15

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.013	.00269	177.21	-.14854	37.456	66.777	-.00306	.04433
Stddev	.075	.00015	.52	.00074	.272	.391	.00072	.00190
%RSD	.15291	5.7526	.29354	.49806	.72556	.58523	23.364	4.2941

#1	49.086	.00251	176.73	-.14914	37.546	66.930	-.00251	.04440
#2	49.017	.00275	177.76	-.14771	37.671	67.068	-.00281	.04240
#3	48.936	.00280	177.12	-.14877	37.151	66.333	-.00387	.04620

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47273	.15380	.00343	.01463	-.00063	.1521	-.08568	5.2991
Stddev	.00510	.00137	.00062	.00084	.00231	.0046	.00013	.0260
%RSD	1.0797	.89041	18.175	5.7645	369.26	3.024	.15453	.49146

#1	.47082	.15273	.00371	.01548	-.00274	.1502	-.08583	5.3098
#2	.46886	.15534	.00272	.01463	-.00097	.1574	-.08558	5.3181
#3	.47851	.15333	.00387	.01379	.00184	.1488	-.08561	5.2694

Sample Name: LR CHECK 2 Acquired: 1/17/2019 14:08:10 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.0305
%RSD	1.1159

#1	-93.445
#2	-91.400
#3	-92.201

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.0	36177.	3863.9	85.211	3037.5
Stddev	8.6	51.	14.9	.183	4.5
%RSD	.42568	.14093	.38483	.21509	.14936

#1	2025.4	36121.	3854.2	85.032	3038.0
#2	2024.7	36221.	3856.4	85.203	3032.8
#3	2040.0	36190.	3881.0	85.398	3041.9

Sample Name: K1153-01 Acquired: 1/17/2019 14:13:15 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02195	-.00751	.30863	.01232	-.00281	81.246	.71100
Stddev	.00049	.00241	.00832	.00255	.00204	.174	.00405
%RSD	2.2235	32.082	2.6942	20.693	72.617	.21432	.56927

#1	.02139	-.00805	.31753	.01357	-.00356	81.268	.71522
#2	.02216	-.00960	.30732	.00939	-.00437	81.063	.70715
#3	.02230	-.00487	.30105	.01400	-.00050	81.409	.71065

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00256	-.01015	59.125	.15791	.08144	.38605	186.97
Stddev	.00011	.00038	.330	.00097	.00049	.00226	2.64
%RSD	4.4332	3.7681	.55741	.61424	.60249	.58565	1.4093

#1	.00267	-.00971	59.195	.15733	.08179	.38696	184.30
#2	.00244	-.01039	58.766	.15903	.08164	.38772	189.56
#3	.00258	-.01034	59.414	.15738	.08088	.38348	187.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8956	30.134	.14078	-.00468	4.2475	.19142	.59266
Stddev	.0049	.141	.00007	.00022	.0050	.00140	.00927
%RSD	.12490	.46822	.04749	4.7123	.11847	.73186	1.5645

#1	3.8959	30.050	.14070	-.00468	4.2526	.19113	.58607
#2	3.9003	30.056	.14082	-.00490	4.2473	.19294	.60326
#3	3.8906	30.297	.14082	-.00446	4.2425	.19018	.58865

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5833	-.00040	.18135	1.1878	2.5396	.00596	1.4832
Stddev	.0349	.00041	.00164	.0141	.0229	.00050	.0066
%RSD	.36408	101.50	.90201	1.1874	.89996	8.3608	.44306

#1	9.5969	-.00020	.17958	1.1845	2.5558	.00654	1.4785
#2	9.5436	-.00088	.18280	1.2033	2.5135	.00570	1.4802
#3	9.6093	-.00014	.18168	1.1757	2.5496	.00565	1.4907

Sample Name: K1153-01 Acquired: 1/17/2019 14:13:15 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12509	7.100	.00611	2.2195	F<.00000
Stddev	.00047	.036	.00385	.2207	4.9474
%RSD	.37324	.5140	63.015	9.9433	1.2647

#1	.12455	7.127	.00949	2.1807	-385.56
#2	.12532	7.114	.00192	2.0207	-394.81
#3	.12539	7.059	.00693	2.4570	-393.23

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3638.0	44488.	4602.0	94.280	3579.3
Stddev	3.2	85.	3.7	1.457	8.5
%RSD	.08920	.19076	.08033	1.5453	.23649

#1	3634.2	44509.	4598.1	95.508	3572.9
#2	3639.6	44395.	4602.6	92.670	3576.2
#3	3640.1	44560.	4605.4	94.661	3588.9

Sample Name: K1153-01DUP Acquired: 1/17/2019 14:17:25 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01751	-.00666	.27593	.01039	-.00296	79.478	.69984
Stddev	.00235	.00205	.00130	.00261	.00204	.339	.00299
%RSD	13.429	30.720	.47044	25.089	68.973	.42625	.42757

#1	.01958	-.00857	.27724	.00836	-.00236	79.281	.69662
#2	.01800	-.00691	.27465	.01333	-.00523	79.283	.70035
#3	.01496	-.00450	.27588	.00949	-.00128	79.869	.70254

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00246	-.00965	58.110	.15010	.07838	.37092	180.65
Stddev	.00011	.00033	.295	.00039	.00070	.00119	3.40
%RSD	4.5780	3.4235	.50727	.26140	.89267	.32076	1.8825

#1	.00235	-.00927	57.773	.15030	.07762	.37218	176.73
#2	.00247	-.00982	58.236	.15036	.07899	.36982	182.53
#3	.00257	-.00986	58.321	.14965	.07853	.37075	182.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8818	29.912	.14069	-.00548	3.9545	.19038	.57204
Stddev	.0012	.186	.00046	.00093	.0159	.00108	.00901
%RSD	.03196	.62188	.32709	17.054	.40124	.56799	1.5744

#1	3.8807	29.723	.14024	-.00655	3.9363	.19145	.56165
#2	3.8816	30.094	.14066	-.00480	3.9615	.18929	.57755
#3	3.8831	29.918	.14116	-.00509	3.9656	.19040	.57692

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3388	-.00068	.16985	1.3432	2.4608	.00534	1.5449
Stddev	.0240	.00013	.01066	.0027	.0313	.00040	.0148
%RSD	.25712	19.148	6.2746	.19698	1.2722	7.4560	.95971

#1	9.3190	-.00055	.16435	1.3427	2.4927	.00577	1.5300
#2	9.3318	-.00067	.18213	1.3408	2.4301	.00500	1.5449
#3	9.3655	-.00081	.16306	1.3461	2.4597	.00524	1.5597

Sample Name: K1153-01DUP Acquired: 1/17/2019 14:17:25 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12144	7.045	.02502	2.2631	F<.00000
Stddev	.00046	.011	.00267	.0099	3.7808
%RSD	.37470	.1518	10.677	.43583	.98934
#1	.12153	7.038	.02811	2.2744	-378.68
#2	.12095	7.038	.02349	2.2587	-381.60
#3	.12185	7.057	.02347	2.2561	-386.18
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3650.8	44579.	4633.2	96.291	3605.8
Stddev	2.0	6.	16.6	1.551	5.7
%RSD	.05463	.01392	.35802	1.6103	.15781
#1	3651.3	44577.	4647.1	98.072	3608.0
#2	3652.4	44586.	4614.8	95.248	3610.1
#3	3648.6	44574.	4637.6	95.552	3599.4

Sample Name: K1153-01LX5 Acquired: 1/17/2019 14:21:34 Type: Unk
Method: P4-ICP2(v2751) 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	.00290	-.00123	.08081	.00209	-.00145	17.789	.16022
Stddev	.00227	.00063	.00386	.00080	.00190	.082	.00081
%RSD	78.351	50.955	4.7740	38.393	130.35	.45880	.50340

#1	.00191	-.00136	.08443	.00186	.00065	17.848	.15993
#2	.00129	-.00178	.08126	.00142	-.00303	17.696	.15960
#3	.00549	-.00055	.07675	.00298	-.00198	17.824	.16114

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	-.00209	13.597	.03549	.01647	.09065	38.539
Stddev	.00012	.00020	.058	.00024	.00027	.00084	.581
%RSD	30.732	9.4654	.42501	.68915	1.6385	.93204	1.5086

#1	.00035	-.00214	13.534	.03559	.01627	.09027	38.779
#2	.00030	-.00188	13.647	.03521	.01636	.09007	37.876
#3	.00053	-.00226	13.609	.03567	.01677	.09162	38.962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91008	7.0454	.02841	-.00141	.98340	.04336	.12541
Stddev	.00375	.0143	.00054	.00044	.01614	.00064	.00172
%RSD	.41200	.20312	1.8962	30.957	1.6411	1.4865	1.3710

#1	.91272	7.0600	.02782	-.00099	1.0016	.04306	.12651
#2	.91174	7.0314	.02887	-.00137	.97791	.04410	.12343
#3	.90579	7.0449	.02854	-.00186	.97072	.04293	.12628

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3250	.00009	.02240	.25297	.57324	-.00530	.35850
Stddev	.0488	.00025	.01596	.00066	.01488	.00096	.00094
%RSD	2.1000	265.75	71.252	.25903	2.5964	18.155	.26180

#1	2.3814	.00038	.02473	.25251	.58756	-.00601	.35783
#2	2.2980	-.00003	.00540	.25372	.57430	-.00568	.35957
#3	2.2957	-.00007	.03708	.25268	.55785	-.00421	.35809

Sample Name: K1153-01LX5 Acquired: 1/17/2019 14:21:34 Type: Unk
Method: P4-ICP2(v2751) 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	.02329	1.442	.00920	3.6153	F<.00000
Stddev	.00207	.002	.00083	.0715	1.6742
%RSD	8.8898	.1022	9.0670	1.9786	3.1083

#1	.02361	1.442	.00919	3.6589	-52.827
#2	.02518	1.440	.01003	3.5328	-52.965
#3	.02107	1.443	.00836	3.6544	-55.793

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3381.1	41054.	4133.5	95.558	3792.1
Stddev	5.6	141.	14.0	1.288	12.2
%RSD	.16513	.34239	.33988	1.3477	.32052

#1	3383.3	40993.	4143.0	94.908	3804.5
#2	3385.2	40954.	4117.4	97.042	3791.6
#3	3374.7	41215.	4140.2	94.725	3780.2

Sample Name: K1153-01MS Acquired: 1/17/2019 14:25:52 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73609	1.9891	1.3061	1.7665	.18620	94.450	.92465
Stddev	.00239	.0055	.0050	.0046	.00203	.382	.00680
%RSD	.32416	.27683	.38043	.26042	1.0905	.40475	.73510

#1	.73581	1.9830	1.3008	1.7622	.18476	94.101	.92937
#2	.73385	1.9937	1.3069	1.7659	.18532	94.390	.92773
#3	.73860	1.9906	1.3106	1.7713	.18852	94.859	.91686

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19204	.19012	76.243	.54433	.28107	.62382	174.70
Stddev	.00051	.00075	.342	.00214	.00084	.00134	3.38
%RSD	.26541	.39418	.44830	.39244	.29716	.21436	1.9346

#1	.19204	.18965	76.502	.54224	.28040	.62401	171.29
#2	.19153	.18973	76.372	.54651	.28080	.62240	174.77
#3	.19255	.19099	75.856	.54425	.28201	.62505	178.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2971	34.337	.65067	.06524	6.3473	.45594	.83200
Stddev	.0081	.263	.00269	.00036	.0404	.00140	.01409
%RSD	.18903	.76526	.41338	.55843	.63636	.30747	1.6933

#1	4.2945	34.513	.64886	.06503	6.3497	.45436	.81883
#2	4.2905	34.462	.64939	.06503	6.3865	.45704	.83031
#3	4.3062	34.035	.65376	.06566	6.3058	.45643	.84686

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.348	.32833	.40386	1.5447	5.3781	.68408	1.8342
Stddev	.123	.00127	.00721	.0099	.0577	.00285	.0048
%RSD	.63687	.38639	1.7863	.63929	1.0729	.41684	.26079

#1	19.427	.32712	.39553	1.5334	5.4445	.68219	1.8308
#2	19.410	.32822	.40831	1.5489	5.3401	.68269	1.8322
#3	19.206	.32965	.40773	1.5518	5.3496	.68736	1.8397

Sample Name: K1153-01MS Acquired: 1/17/2019 14:25:52 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32297	F 12.78	.33894	2.6532	F<.00000
Stddev	.00223	.01	.00576	.0764	5.1931
%RSD	.68902	.0844	1.6997	2.8778	1.4245
#1	.32043	12.79	.34363	2.5653	-358.68
#2	.32458	12.78	.34067	2.6923	-368.57
#3	.32389	12.77	.33251	2.7022	-366.38
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3586.9	43734.	4541.1	93.551	3545.0
Stddev	5.1	20.	30.3	1.569	1.6
%RSD	.14168	.04684	.66719	1.6773	.04438
#1	3583.4	43751.	4518.0	95.145	3546.8
#2	3592.7	43712.	4529.8	93.498	3544.4
#3	3584.5	43740.	4575.4	92.008	3543.8

Sample Name: K1153-01MSD Acquired: 1/17/2019 14:29:54 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73536	1.9906	1.3077	1.7635	.18555	94.561	.93635
Stddev	.00264	.0121	.0034	.0045	.00064	.352	.00439
%RSD	.35947	.60597	.26178	.25419	.34375	.37227	.46870

#1	.73605	1.9799	1.3068	1.7633	.18485	94.860	.93504
#2	.73245	2.0036	1.3115	1.7591	.18609	94.173	.94124
#3	.73760	1.9881	1.3048	1.7681	.18571	94.650	.93276

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19361	.19069	76.595	.54684	.28182	.62664	168.87
Stddev	.00020	.00020	.369	.00255	.00083	.00265	2.65
%RSD	.10587	.10257	.48213	.46619	.29451	.42359	1.5664

#1	.19384	.19074	76.276	.54748	.28154	.62434	165.87
#2	.19356	.19086	77.000	.54403	.28275	.62603	170.85
#3	.19344	.19047	76.508	.54900	.28117	.62954	169.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3189	34.829	.65354	.06388	6.4174	.45886	.81199
Stddev	.0020	.303	.00062	.00042	.0379	.00023	.00953
%RSD	.04632	.86927	.09479	.65669	.59076	.05019	1.1741

#1	4.3197	34.534	.65290	.06378	6.4283	.45880	.80122
#2	4.3203	35.139	.65358	.06352	6.4486	.45866	.81934
#3	4.3166	34.815	.65413	.06434	6.3752	.45911	.81542

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.552	.32926	.39415	1.5385	5.2983	.68691	1.8308
Stddev	.110	.00092	.02130	.0018	.0859	.00429	.0182
%RSD	.56329	.27877	5.4047	.11429	1.6206	.62475	.99690

#1	19.481	.32936	.36994	1.5365	5.2000	.68586	1.8114
#2	19.679	.32830	.41001	1.5397	5.3364	.69163	1.8476
#3	19.496	.33013	.40251	1.5392	5.3585	.68324	1.8333

Sample Name: K1153-01MSD Acquired: 1/17/2019 14:29:54 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32569	F 12.82	.34730	2.5096	F<.00000
Stddev	.00098	.03	.00199	.1589	1.5140
%RSD	.30165	.2468	.57349	6.3311	.41889

#1	.32457	12.81	.34869	2.6295	-360.48
#2	.32610	12.86	.34820	2.3294	-360.63
#3	.32640	12.80	.34502	2.5699	-363.17

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3571.2	43719.	4515.5	96.103	3532.7
Stddev	9.7	162.	25.9	1.216	7.4
%RSD	.27164	.37048	.57331	1.2657	.20911

#1	3568.0	43533.	4524.5	97.452	3527.6
#2	3582.1	43823.	4486.3	95.091	3529.4
#3	3563.5	43803.	4535.6	95.765	3541.2

Sample Name: K1153-01A Acquired: 1/17/2019 14:33:55 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7886 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73895	1.9894	1.3031	1.7591	.18499	93.789	.93246
Stddev	.00622	.0142	.0034	.0033	.00103	1.025	.00191
%RSD	.84138	.71254	.25870	.18922	.55674	1.0928	.20455

#1	.74485	2.0032	1.3057	1.7586	.18523	92.827	.93026
#2	.73246	1.9899	1.3044	1.7560	.18386	93.673	.93365
#3	.73954	1.9749	1.2993	1.7626	.18587	94.867	.93347

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19304	.19037	76.422	.54511	.28117	.62491	172.08
Stddev	.00021	.00018	.380	.00245	.00187	.00197	3.46
%RSD	.10626	.09713	.49704	.44910	.66496	.31543	2.0083

#1	.19298	.19054	76.116	.54291	.28278	.62357	175.23
#2	.19287	.19040	76.847	.54466	.28162	.62400	172.64
#3	.19327	.19017	76.304	.54775	.27912	.62718	168.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3116	34.548	.65171	.06397	6.3423	.45564	.82490
Stddev	.0044	.065	.00249	.00080	.0192	.00228	.02019
%RSD	.10126	.18679	.38151	1.2448	.30251	.49994	2.4472

#1	4.3081	34.490	.65425	.06488	6.3201	.45515	.84514
#2	4.3101	34.618	.65158	.06358	6.3538	.45813	.82478
#3	4.3165	34.536	.64929	.06344	6.3529	.45366	.80477

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.518	.32925	.39585	1.5390	5.1451	.68629	1.8281
Stddev	.071	.00154	.01265	.0108	.0675	.00219	.0077
%RSD	.36335	.46845	3.1958	.70417	1.3111	.31942	.42397

#1	19.437	.32865	.40896	1.5470	5.2060	.68672	1.8259
#2	19.570	.32810	.39488	1.5433	5.1567	.68823	1.8367
#3	19.547	.33100	.38372	1.5267	5.0726	.68391	1.8217

Sample Name: K1153-01A Acquired: 1/17/2019 14:33:55 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7886 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32368	F 12.76	.34204	2.4978	F<.00000
Stddev	.00172	.08	.00553	.0637	2.1499
%RSD	.53172	.6052	1.6172	2.5513	.59526

#1	.32330	12.81	.33577	2.4923	-362.02
#2	.32218	12.80	.34411	2.4369	-362.75
#3	.32556	12.67	.34624	2.5640	-358.72

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3568.5	43818.	4514.1	94.321	3539.0
Stddev	4.1	167.	37.2	2.518	29.6
%RSD	.11612	.38096	.82406	2.6697	.83598

#1	3569.8	43990.	4499.4	91.931	3523.3
#2	3563.8	43807.	4486.4	94.083	3520.7
#3	3571.8	43657.	4556.4	96.950	3573.2

Sample Name: K1156-08 Acquired: 1/17/2019 14:37:57 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02763	-.05691	8.9293	.02565	.00635	194.66	4.2044
Stddev	.00259	.00225	.0123	.00730	.00405	.74	.0122
%RSD	9.3672	3.9624	.13727	28.475	63.766	.37802	.28934

#1	.02994	-.05950	8.9200	.02372	.00584	193.92	4.2068
#2	.02483	-.05542	8.9247	.01951	.00258	194.66	4.1912
#3	.02811	-.05579	8.9432	.03373	.01063	195.40	4.2151

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00330	-.00620	379.96	.52659	.17066	1.3714	459.02
Stddev	.00024	.00268	1.94	.00124	.00075	.0061	22.05
%RSD	7.3981	43.158	.51128	.23624	.44150	.44465	4.8033

#1	.00301	-.00450	377.80	.52733	.17001	1.3770	446.89
#2	.00343	-.00482	380.51	.52729	.17149	1.3723	445.70
#3	.00344	-.00929	381.56	.52516	.17050	1.3649	484.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7105	127.70	.38936	-.01115	13.272	.56893	7.8641
Stddev	.0066	.36	.00070	.00302	.048	.00576	.3524
%RSD	.13958	.28396	.17851	27.049	.36133	1.0116	4.4806

#1	4.7145	127.38	.38892	-.01327	13.286	.57494	7.7735
#2	4.7141	127.62	.38900	-.01249	13.219	.56347	7.5659
#3	4.7029	128.09	.39016	-.00770	13.312	.56837	8.2529

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.891	.00634	.40745	F 15.734	2.3433	.24931	F 10.288
Stddev	.120	.00039	.03415	.048	.0352	.00095	.028
%RSD	.25629	6.1603	8.3825	.30529	1.5009	.37975	.27067

#1	46.809	.00594	.38359	15.713	2.3676	.25020	10.264
#2	46.836	.00672	.39220	15.699	2.3029	.24943	10.280
#3	47.029	.00637	.44658	15.789	2.3593	.24831	10.318

Sample Name: K1156-08 Acquired: 1/17/2019 14:37:57 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23165	F 10.87	.51021	2.8806	F<.00000
Stddev	.00045	.02	.02116	.0653	4.7225
%RSD	.19228	.2197	4.1468	2.2660	.41979

#1	.23211	10.87	.51797	2.8144	-1128.6
#2	.23123	10.85	.52639	2.8824	-1119.6
#3	.23161	10.90	.48627	2.9449	-1126.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3332.7	40570.	4398.6	87.772	3158.6
Stddev	5.0	136.	20.1	3.854	5.0
%RSD	.14865	.33585	.45732	4.3910	.15939

#1	3327.9	40413.	4375.9	88.917	3162.7
#2	3332.5	40660.	4414.5	90.923	3160.2
#3	3337.8	40637.	4405.3	83.475	3153.0

Sample Name: K1156-10 Acquired: 1/17/2019 14:42:13 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	-.07043	2.3435	.01546	.00154	269.19	3.5019
Stddev	.00385	.00261	.0040	.00598	.00085	.29	.0153
%RSD	433.06	3.7125	.17090	38.682	54.811	.10826	.43770

#1	-.00130	-.07189	2.3466	.01124	.00167	269.23	3.5193
#2	.00315	-.07198	2.3448	.01284	.00064	268.88	3.4957
#3	-.00452	-.06741	2.3390	.02230	.00232	269.45	3.4906

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00480	-.01404	161.43	.47214	.18938	.95692	397.22
Stddev	.00031	.00142	.60	.00131	.00100	.00464	9.88
%RSD	6.4637	10.124	.37373	.27791	.52930	.48440	2.4875

#1	.00445	-.01505	161.95	.47325	.18951	.95323	405.46
#2	.00491	-.01241	161.58	.47247	.19031	.96212	386.26
#3	.00503	-.01465	160.77	.47069	.18832	.95541	399.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1070	99.549	.41125	-.01370	15.997	.61324	4.4141
Stddev	.0084	.319	.00024	.00231	.079	.00143	.1231
%RSD	.16450	.32031	.05750	16.839	.49673	.23278	2.7897

#1	5.1107	99.487	.41123	-.01215	16.087	.61391	4.5357
#2	5.1129	99.895	.41102	-.01635	15.968	.61422	4.2895
#3	5.0973	99.267	.41149	-.01259	15.937	.61160	4.4171

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.318	.06407	.31682	5.5690	4.3365	.08393	F 12.240
Stddev	.171	.00019	.02474	.0140	.0942	.00115	.025
%RSD	.32631	.29508	7.8093	.25069	2.1720	1.3669	.20664

#1	52.479	.06385	.34063	5.5672	4.4260	.08437	12.254
#2	52.337	.06415	.29124	5.5561	4.3453	.08479	12.257
#3	52.139	.06420	.31859	5.5838	4.2383	.08263	12.211

Sample Name: K1156-10 Acquired: 1/17/2019 14:42:13 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-7 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24261	9.012	.27830	2.9342	F<.00000
Stddev	.00071	.010	.01023	.0592	3.7446
%RSD	.29175	.1072	3.6765	2.0192	.38878

#1	.24188	9.013	.27082	2.9659	-967.36
#2	.24329	9.002	.28996	2.9708	-960.17
#3	.24267	9.021	.27411	2.8658	-961.95

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3364.2	40763.	4367.4	90.245	3239.2
Stddev	11.1	134.	31.3	2.496	9.4
%RSD	.32883	.32844	.71622	2.7658	.29039

#1	3363.7	40649.	4335.7	87.854	3245.3
#2	3353.3	40730.	4368.2	92.834	3228.4
#3	3375.5	40911.	4398.2	90.048	3243.8

Sample Name: CCV02 Acquired: 1/17/2019 15:05:25 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14475 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1133	4.9662	5.0653	5.1180	5.1573	10.544	9.8474
Stddev	.0103	.0164	.0133	.0127	.0133	.083	.1001
%RSD	.20205	.33063	.26177	.24798	.25873	.78440	1.0163

#1	5.1176	4.9539	5.0500	5.1289	5.1543	10.490	9.9613
#2	5.1015	4.9849	5.0739	5.1041	5.1457	10.503	9.8071
#3	5.1208	4.9598	5.0720	5.1209	5.1719	10.639	9.7737

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25457	2.4756	24.946	1.0299	2.4765	1.2723	5.3162
Stddev	.00063	.0080	.045	.0026	.0064	.0021	.0680
%RSD	.24574	.32505	.17968	.25078	.25691	.16166	1.2797

#1	.25412	2.4671	24.990	1.0320	2.4698	1.2745	5.2378
#2	.25528	2.4832	24.901	1.0270	2.4825	1.2703	5.3511
#3	.25430	2.4764	24.947	1.0306	2.4772	1.2722	5.3597

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5405	23.992	2.4429	1.3240	23.323	2.4620	2.5101
Stddev	.0026	.097	.0070	.0046	.281	.0073	.0086
%RSD	.10079	.40628	.28766	.34567	1.2027	.29529	.34467

#1	2.5378	23.931	2.4355	1.3288	23.625	2.4536	2.5079
#2	2.5428	23.940	2.4495	1.3197	23.273	2.4666	2.5028
#3	2.5409	24.104	2.4437	1.3234	23.070	2.4658	2.5196

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.255	4.9748	4.8165	4.7889	4.8111	5.0106	5.0745
Stddev	.137	.0032	.0237	.0202	.0476	.0221	.0085
%RSD	.56681	.06432	.49202	.42231	.99017	.44147	.16766

#1	24.404	4.9732	4.8437	4.7684	4.8577	4.9855	5.0835
#2	24.226	4.9784	4.8007	4.8089	4.8130	5.0273	5.0665
#3	24.134	4.9727	4.8050	4.7895	4.7625	5.0189	5.0736

Sample Name: CCV02 Acquired: 1/17/2019 15:05:25 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14475 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8523	4.995	5.0916	4.5487	F<.00000
Stddev	.0436	.011	.0401	.1142	.78634
%RSD	.89842	.2239	.78755	2.5116	15.600
#1	4.9007	4.985	5.1341	4.6644	-4.6268
#2	4.8400	5.007	5.0864	4.4359	-4.5473
#3	4.8162	4.994	5.0544	4.5459	-5.9473
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3124.3	38090.	3873.7	90.942	3466.6
Stddev	11.6	182.	44.2	.270	7.2
%RSD	.37089	.47793	1.1413	.29691	.20814
#1	3111.0	37935.	3824.9	90.716	3464.7
#2	3130.4	38290.	3885.1	91.241	3460.5
#3	3131.6	38044.	3911.0	90.870	3474.6

Sample Name: CCB02 Acquired: 1/17/2019 15:09:25 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14475 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00286	-.00026	F .00615	-.00231	.00074	-.00398	-.00188
Stddev	.00130	.00087	.00128	.00150	.00073	.00919	.00119
%RSD	45.502	334.25	20.743	65.099	98.991	230.87	63.249

#1	-.00275	.00034	.00762	-.00066	-.00001	.00109	-.00304
#2	-.00162	.00013	.00534	-.00360	.00079	.00155	-.00192
#3	-.00421	-.00126	.00549	-.00266	.00145	-.01459	-.00067

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00011	.00660	.00037	-.00012	-.00057	.01363
Stddev	.00005	.00018	.01786	.00034	.00015	.00043	.00844
%RSD	83.937	174.24	270.70	90.936	123.67	76.037	61.902

#1	.00004	-.00009	.01867	.00025	.00005	-.00069	.01018
#2	.00011	.00013	.01504	.00075	-.00018	-.00093	.02325
#3	.00002	.00027	-.01392	.00011	-.00023	-.00009	.00746

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00390	-.00020	.00091	-.04285	.00014	-.00018
Stddev	.00002	.03379	.00010	.00021	.01258	.00041	.00017
%RSD	41.578	866.52	50.125	23.357	29.357	302.22	92.923

#1	.00008	.04109	-.00028	.00070	-.05208	-.00023	-.00031
#2	.00005	-.02491	-.00009	.00090	-.02852	.00006	-.00025
#3	.00004	-.00448	-.00022	.00112	-.04794	.00058	.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02720	.00001	-.01772	F -.01362	.00547	-.00639	.00122
Stddev	.04811	.00006	.00929	.00144	.00144	.00034	.00193
%RSD	176.87	488.00	52.434	10.565	26.336	5.3716	157.78

#1	-.06759	.00005	-.01340	-.01269	.00558	-.00657	.00342
#2	-.04003	.00005	-.01138	-.01289	.00398	-.00600	-.00022
#3	.02602	-.00006	-.02839	-.01527	.00685	-.00661	.00048

Sample Name: CCB02 Acquired: 1/17/2019 15:09:25 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14475 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01046	-.0011	.00009	F 3.7764	F<.00000
Stddev	.00151	.0006	.00001	.0420	.53274
%RSD	14.461	49.34	9.1914	1.1120	5.3149
#1	-.01045	-.0010	.00009	3.8162	-10.636
#2	-.00896	-.0007	.00009	3.7325	-9.6682
#3	-.01198	-.0018	.00010	3.7804	-9.7665
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3267.8	40164.	3951.4	97.244	3888.7
Stddev	4.4	214.	32.9	2.814	6.3
%RSD	.13458	.53387	.83339	2.8940	.16110
#1	3265.0	39918.	3980.5	100.00	3892.1
#2	3272.8	40312.	3958.2	97.358	3892.5
#3	3265.4	40262.	3915.7	94.375	3881.4

Sample Name: K1156-12 Acquired: 1/17/2019 15:13:53 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01297	-.04754	2.0104	.01069	-.00081	166.78	1.6353
Stddev	.00285	.00092	.0027	.00551	.00048	.62	.0137
%RSD	21.993	1.9248	.13451	51.565	58.527	.37074	.84008

#1	.01583	-.04672	2.0131	.01441	-.00080	167.46	1.6494
#2	.01012	-.04738	2.0104	.01330	-.00130	166.60	1.6347
#3	.01296	-.04852	2.0077	.00436	-.00034	166.26	1.6219

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00281	-.00960	775.07	.34530	.13987	.70016	339.43
Stddev	.00013	.00041	4.42	.00048	.00044	.00317	4.31
%RSD	4.6557	4.3054	.56979	.13784	.31376	.45302	1.2693

#1	.00278	-.00994	779.43	.34475	.13966	.69864	342.27
#2	.00295	-.00972	775.17	.34554	.14037	.69803	341.55
#3	.00270	-.00914	770.60	.34561	.13958	.70381	334.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2956	302.56	.28186	-.01315	5.6810	.45525	2.6954
Stddev	.0113	2.20	.00329	.00055	.0539	.00144	.0379
%RSD	.26400	.72845	1.1657	4.1816	.94883	.31550	1.4058

#1	4.3070	304.25	.28515	-.01365	5.7135	.45662	2.7176
#2	4.2955	303.38	.27858	-.01323	5.7108	.45538	2.7170
#3	4.2843	300.07	.28185	-.01256	5.6188	.45376	2.6517

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.260	.00635	.29743	F 14.216	3.0839	.09754	8.6060
Stddev	.314	.00029	.00832	.022	.0393	.00114	.0096
%RSD	.80029	4.5404	2.7985	.15293	1.2736	1.1738	.11194

#1	39.536	.00634	.28938	14.240	3.0984	.09644	8.6171
#2	39.324	.00664	.30600	14.199	3.1137	.09745	8.6005
#3	38.918	.00606	.29691	14.207	3.0394	.09872	8.6004

Sample Name: K1156-12 Acquired: 1/17/2019 15:13:53 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-9 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24916	7.835	1.1775	4.1407	F<.00000
Stddev	.00109	.005	.0052	.0673	3.7327
%RSD	.43644	.0645	.44208	1.6262	.50467

#1	.24799	7.841	1.1831	4.2122	-743.46
#2	.24933	7.832	1.1766	4.0786	-739.41
#3	.25015	7.832	1.1728	4.1312	-736.00

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3104.2	37963.	4263.5	84.041	2913.8
Stddev	7.8	175.	33.9	1.182	7.6
%RSD	.25073	.46160	.79452	1.4068	.25987

#1	3096.5	37810.	4233.2	83.375	2909.2
#2	3112.1	37924.	4257.1	83.342	2909.7
#3	3104.1	38154.	4300.1	85.406	2922.6

Sample Name: K1157-01 Acquired: 1/17/2019 15:18:10 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-01-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32909	.00179	2.1310	.00803	-.00017	127.88	.49073
Stddev	.00436	.00210	.0067	.00106	.00195	.67	.00156
%RSD	1.3235	117.03	.31260	13.141	1147.0	.52430	.31727

#1	.33235	.00105	2.1234	.00751	-.00025	127.59	.48901
#2	.32414	.00017	2.1335	.00734	-.00208	127.41	.49205
#3	.33078	.00417	2.1360	.00924	.00182	128.65	.49111

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	-.00584	4.8514	.17495	.01883	.16669	136.04
Stddev	.00043	.00039	.0398	.00028	.00024	.00161	3.20
%RSD	44.176	6.6011	.81926	.15835	1.2948	.96494	2.3516

#1	.00145	-.00621	4.8789	.17463	.01854	.16675	138.06
#2	.00066	-.00544	4.8696	.17510	.01896	.16827	132.35
#3	.00079	-.00586	4.8058	.17512	.01897	.16505	137.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50615	4.5735	.04501	-.00476	.17312	.26757	.63940
Stddev	.00071	.0344	.00080	.00070	.00956	.00134	.01209
%RSD	.13986	.75196	1.7710	14.768	5.5238	.49964	1.8916

#1	.50633	4.5938	.04558	-.00429	.16811	.26911	.64767
#2	.50675	4.5928	.04535	-.00557	.16710	.26692	.62552
#3	.50537	4.5338	.04410	-.00443	.18414	.26668	.64502

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7932	.00439	.08845	2.3491	7.8818	.02280	.78301
Stddev	.0202	.00026	.00794	.0064	.0417	.00106	.01221
%RSD	.72183	5.8862	8.9748	.27198	.52838	4.6683	1.5592

#1	2.8031	.00463	.09745	2.3565	7.9031	.02394	.79683
#2	2.8064	.00411	.08545	2.3454	7.9084	.02264	.77847
#3	2.7699	.00442	.08244	2.3454	7.8338	.02183	.77372

Sample Name: K1157-01 Acquired: 1/17/2019 15:18:10 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-01-011519 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04566	7.299	-.10666	3.0771	F<.00000
Stddev	.00068	.013	.00310	.2204	4.1738
%RSD	1.4900	.1796	2.9072	7.1639	1.5264

#1	.04497	7.285	-.10829	2.8260	-270.63
#2	.04632	7.309	-.10309	3.2390	-271.46
#3	.04570	7.305	-.10861	3.1663	-278.24

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3362.9	41272.	4208.3	98.032	3685.1
Stddev	1.8	117.	19.6	1.786	6.7
%RSD	.05348	.28284	.46552	1.8221	.18145

#1	3363.2	41387.	4223.2	96.737	3684.4
#2	3361.0	41275.	4186.1	100.07	3678.8
#3	3364.6	41153.	4215.5	97.289	3692.1

Sample Name: K1157-03 Acquired: 1/17/2019 15:22:34 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-02-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43909	.00159	1.3783	.00765	.00321	116.14	.44757
Stddev	.00186	.00107	.0027	.00162	.00155	.17	.00333
%RSD	.42430	67.095	.19305	21.192	48.256	.14800	.74396

#1	.43958	.00150	1.3754	.00761	.00478	115.94	.45113
#2	.43703	.00058	1.3806	.00605	.00318	116.20	.44706
#3	.44065	.00271	1.3788	.00930	.00168	116.27	.44453

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	-.00441	6.2061	.17231	.01390	.20720	117.01
Stddev	.00002	.00046	.0848	.00084	.00026	.00036	4.25
%RSD	2.9166	10.340	1.3670	.48464	1.8567	.17315	3.6338

#1	.00080	-.00493	6.3033	.17224	.01414	.20760	121.91
#2	.00082	-.00412	6.1684	.17318	.01362	.20709	114.93
#3	.00077	-.00417	6.1467	.17151	.01393	.20691	114.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39381	4.2381	.04370	.00705	.10622	.22827	.50818
Stddev	.00050	.0767	.00071	.00068	.01694	.00046	.02062
%RSD	.12704	1.8093	1.6259	9.6520	15.945	.20091	4.0576

#1	.39397	4.2864	.04351	.00782	.12564	.22776	.53177
#2	.39325	4.2783	.04449	.00677	.09447	.22865	.49920
#3	.39421	4.1497	.04311	.00655	.09856	.22839	.49358

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2025	.00370	.07198	2.0089	6.3685	.05009	.69398
Stddev	.0117	.00017	.01200	.0119	.1255	.00082	.01388
%RSD	.53318	4.7134	16.665	.59083	1.9715	1.6370	1.9994

#1	2.2007	.00381	.08206	2.0090	6.5134	.05103	.70991
#2	2.1918	.00350	.07517	1.9969	6.2925	.04971	.68453
#3	2.2151	.00378	.05871	2.0207	6.2997	.04953	.68750

Sample Name: K1157-03 Acquired: 1/17/2019 15:22:34 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-02-011519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03580	5.933	-.08216	3.3657	F<.00000
Stddev	.00252	.009	.00450	.0612	1.2677
%RSD	7.0418	.1575	5.4776	1.8172	.56546

#1	.03858	5.943	-.08725	3.3103	-223.10
#2	.03515	5.931	-.08053	3.3554	-225.58
#3	.03366	5.925	-.07870	3.4314	-223.87

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3353.9	41128.	4162.1	96.256	3687.7
Stddev	8.2	79.	61.1	3.801	4.9
%RSD	.24466	.19142	1.4679	3.9490	.13407

#1	3344.6	41038.	4092.5	91.901	3682.4
#2	3357.2	41161.	4187.1	97.964	3692.2
#3	3360.0	41185.	4206.7	98.904	3688.4

Sample Name: K1157-05 Acquired: 1/17/2019 15:26:58 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-03-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31737	-.00053	3.0628	.00641	.00214	124.08	.97625
Stddev	.00176	.00099	.0051	.00540	.00194	.56	.01146
%RSD	.55410	188.32	.16741	84.334	90.607	.45176	1.1737

#1	.31534	-.00167	3.0642	.01227	.00009	123.44	.98948
#2	.31841	-.00003	3.0670	.00533	.00238	124.34	.96938
#3	.31836	.00012	3.0570	.00162	.00394	124.47	.96989

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	-.00285	15.179	.19833	.02092	.25517	134.21
Stddev	.00023	.00018	.149	.00127	.00042	.00139	1.61
%RSD	52.629	6.2642	.98275	.64113	2.0179	.54537	1.1975

#1	.00062	-.00275	15.292	.19889	.02072	.25421	133.94
#2	.00018	-.00274	15.010	.19922	.02140	.25676	132.75
#3	.00053	-.00305	15.236	.19687	.02063	.25453	135.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87297	6.6473	.04867	-.00472	.15768	.24291	1.6437
Stddev	.00194	.0310	.00070	.00023	.00577	.00143	.0154
%RSD	.22253	.46598	1.4385	4.8554	3.6589	.59017	.93530

#1	.87429	6.6555	.04831	-.00447	.16434	.24440	1.6591
#2	.87074	6.6733	.04947	-.00493	.15452	.24281	1.6283
#3	.87389	6.6130	.04821	-.00475	.15419	.24154	1.6436

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2146	.00364	.09120	2.9899	5.2769	.06453	.75597
Stddev	.0215	.00058	.00269	.0172	.0913	.00146	.00433
%RSD	.66997	15.973	2.9549	.57415	1.7294	2.2606	.57338

#1	3.2118	.00311	.08821	2.9754	5.3813	.06617	.76094
#2	3.2375	.00426	.09346	3.0088	5.2123	.06406	.75295
#3	3.1947	.00354	.09192	2.9854	5.2371	.06337	.75403

Sample Name: K1157-05 Acquired: 1/17/2019 15:26:58 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-03-011519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03641	7.966	-.07320	3.4399	F<.00000
Stddev	.00186	.008	.00185	.0504	3.1665
%RSD	5.1063	.0948	2.5291	1.4650	1.1640

#1	.03847	7.973	-.07250	3.4431	-273.76
#2	.03486	7.967	-.07181	3.4886	-268.37
#3	.03590	7.958	-.07530	3.3880	-273.96

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3320.8	40691.	4162.9	98.108	3639.1
Stddev	1.9	119.	57.2	.837	2.3
%RSD	.05839	.29293	1.3748	.85276	.06191

#1	3322.9	40620.	4097.0	97.236	3638.3
#2	3319.0	40624.	4199.9	98.904	3637.3
#3	3320.6	40829.	4191.8	98.183	3641.6

Sample Name: K1157-07 Acquired: 1/17/2019 15:31:21 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-04-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49423	.00259	2.7225	.00790	.00456	138.83	.88898
Stddev	.00033	.00131	.0052	.00372	.00215	2.25	.05273
%RSD	.06667	50.508	.19129	47.082	47.239	1.6223	5.9318

#1	.49419	.00355	2.7263	.00759	.00618	140.09	.92243
#2	.49393	.00110	2.7247	.00435	.00212	136.23	.82819
#3	.49458	.00311	2.7166	.01177	.00539	140.16	.91632

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	.07190	7.7287	.21219	.02502	.29709	163.27
Stddev	.00024	.00170	.4502	.00057	.00030	.00232	12.81
%RSD	30.790	2.3613	5.8258	.27008	1.1865	.78115	7.8454

#1	.00095	.07103	7.9959	.21170	.02536	.29545	170.92
#2	.00050	.07386	7.2088	.21205	.02487	.29975	148.48
#3	.00085	.07082	7.9812	.21282	.02483	.29609	170.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1768	4.9775	.05173	-.00043	.12509	.27871	13.426
Stddev	.0111	.3521	.00130	.00169	.02701	.00172	.926
%RSD	.94048	7.0742	2.5124	393.58	21.594	.61884	6.8973

#1	1.1887	5.2005	.05221	.00100	.13773	.28004	14.053
#2	1.1669	4.5716	.05026	-.00230	.09408	.27676	12.362
#3	1.1748	5.1604	.05272	.00001	.14347	.27932	13.862

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4191	.00258	.12013	2.2891	5.6774	.08294	.76675
Stddev	.1199	.00024	.01497	.0154	.3210	.00050	.04067
%RSD	3.5068	9.4267	12.459	.67076	5.6534	.60523	5.3039

#1	3.4824	.00237	.13603	2.3067	5.8914	.08327	.78589
#2	3.2808	.00253	.10632	2.2815	5.3084	.08236	.72005
#3	3.4940	.00285	.11805	2.2790	5.8324	.08319	.79433

Sample Name: K1157-07 Acquired: 1/17/2019 15:31:21 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-04-011519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04908	8.050	-.11146	3.1548	F<.00000
Stddev	.00597	.018	.00958	.1317	.94196
%RSD	12.170	.2175	8.5944	4.1733	.25777

#1	.05317	8.054	-.11714	3.3007	-364.62
#2	.04222	8.065	-.10040	3.0448	-365.18
#3	.05184	8.031	-.11684	3.1189	-366.46

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3369.7	41279.	4328.7	99.574	3659.4
Stddev	1.8	346.	228.8	6.961	6.1
%RSD	.05477	.83840	5.2856	6.9910	.16771

#1	3371.5	40933.	4174.1	94.958	3658.3
#2	3369.7	41625.	4591.5	107.58	3653.9
#3	3367.8	41279.	4220.4	96.182	3666.0

Sample Name: K1157-09 Acquired: 1/17/2019 15:35:42 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-05-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76002	.00103	2.1647	.00367	.00220	110.45	.78943
Stddev	.00247	.00169	.0095	.00162	.00423	.50	.00706
%RSD	.32476	164.26	.43911	44.163	191.89	.45429	.89423

#1	.76123	-.00024	2.1723	.00218	.00589	110.03	.79538
#2	.76165	.00038	2.1540	.00343	-.00241	110.31	.78163
#3	.75718	.00294	2.1678	.00539	.00313	111.00	.79129

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00466	8.2318	.15187	.01654	.28577	119.06
Stddev	.00004	.00029	.0615	.00060	.00024	.00112	2.61
%RSD	14.072	6.1807	.74684	.39529	1.4327	.39237	2.1930

#1	.00023	-.00434	8.2306	.15209	.01671	.28455	116.34
#2	.00030	-.00490	8.1710	.15119	.01664	.28675	121.55
#3	.00027	-.00474	8.2939	.15233	.01627	.28602	119.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65723	4.0609	.04528	-.00379	.10344	.25118	.84373
Stddev	.00051	.0374	.00059	.00094	.00406	.00105	.01585
%RSD	.07702	.92051	1.3032	24.726	3.9228	.41726	1.8786

#1	.65684	4.0885	.04492	-.00435	.10214	.25239	.82905
#2	.65780	4.0760	.04497	-.00271	.10799	.25055	.86054
#3	.65704	4.0184	.04597	-.00432	.10019	.25061	.84162

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3708	.00433	.06732	2.6424	6.1393	.04855	.72275
Stddev	.0371	.00019	.01143	.0078	.0698	.00053	.00337
%RSD	1.5641	4.3488	16.973	.29644	1.1366	1.0914	.46602

#1	2.4132	.00419	.05734	2.6357	6.1658	.04820	.72315
#2	2.3546	.00425	.07978	2.6510	6.1920	.04831	.72590
#3	2.3445	.00454	.06482	2.6404	6.0602	.04916	.71920

Sample Name: K1157-09 Acquired: 1/17/2019 15:35:42 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-05-011519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03638	8.077	-.06824	3.5463	F<.00000
Stddev	.00074	.019	.00328	.0486	.26054
%RSD	2.0366	.2323	4.8049	1.3703	.11354

#1	.03575	8.084	-.06470	3.5573	-229.49
#2	.03619	8.055	-.07118	3.5885	-229.72
#3	.03720	8.090	-.06884	3.4932	-229.20

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3325.6	40777.	4153.4	96.024	3669.4
Stddev	6.8	136.	23.6	1.848	5.7
%RSD	.20550	.33321	.56925	1.9245	.15575

#1	3323.2	40886.	4139.3	97.792	3663.0
#2	3320.3	40821.	4180.7	94.105	3673.9
#3	3333.3	40625.	4140.3	96.174	3671.3

Sample Name: K1157-11 Acquired: 1/17/2019 15:39:58 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-06-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52889	-.00213	1.4555	.00840	-.00212	129.60	.57300
Stddev	.00371	.00141	.0116	.00959	.00205	.39	.00533
%RSD	.70057	66.177	.79812	114.23	96.998	.30367	.93009

#1	.52574	-.00320	1.4466	.01179	-.00051	129.35	.57785
#2	.53297	-.00267	1.4513	.01583	-.00141	129.41	.57386
#3	.52796	-.00053	1.4687	-.00243	-.00443	130.06	.56730

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00194	-.00516	105.33	.21493	.04029	.35125	171.24
Stddev	.00018	.00058	1.47	.00231	.00060	.00422	3.74
%RSD	9.2268	11.314	1.3997	1.0748	1.4966	1.2017	2.1858

#1	.00210	-.00557	106.71	.21667	.04005	.34734	172.95
#2	.00174	-.00543	105.50	.21231	.03985	.35069	173.82
#3	.00198	-.00449	103.78	.21581	.04098	.35573	166.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5939	65.870	.10799	-.00634	.66974	.31195	.95709
Stddev	.0021	.996	.00170	.00022	.01805	.00106	.02438
%RSD	.12988	1.5119	1.5726	3.5466	2.6951	.33938	2.5474

#1	1.5920	66.688	.10685	-.00635	.67916	.31312	.96948
#2	1.5961	66.161	.10718	-.00611	.68113	.31107	.97279
#3	1.5937	64.761	.10994	-.00656	.64893	.31166	.92901

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.896	.00468	.13158	3.6775	4.3745	.25821	1.2923
Stddev	.137	.00007	.00569	.0303	.1244	.00052	.0104
%RSD	1.2534	1.6010	4.3225	.82339	2.8442	.20171	.80481

#1	11.024	.00475	.12691	3.6776	4.5145	.25799	1.3026
#2	10.910	.00469	.12992	3.6472	4.3323	.25880	1.2818
#3	10.752	.00460	.13792	3.7078	4.2767	.25783	1.2926

Sample Name: K1157-11 Acquired: 1/17/2019 15:39:58 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-06-011519 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08795	8.630	-.08053	3.1495	F<.00000
Stddev	.00048	.072	.00387	.0595	3.3318
%RSD	.54540	.8302	4.8104	1.8888	.89913
#1	.08791	8.589	-.08137	3.1040	-373.02
#2	.08844	8.587	-.08391	3.2168	-366.76
#3	.08749	8.713	-.07630	3.1276	-371.88
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3341.7	41305.	4327.9	95.926	3428.4
Stddev	18.0	52.	70.5	2.734	20.1
%RSD	.53951	.12516	1.6292	2.8502	.58541
#1	3354.8	41364.	4263.6	94.578	3439.5
#2	3349.3	41268.	4316.7	94.128	3440.4
#3	3321.1	41284.	4403.3	99.073	3405.2

Sample Name: K1157-13 Acquired: 1/17/2019 15:44:16 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-07-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55300	.00129	2.0522	.00450	-.00074	112.52	.50407
Stddev	.00258	.00088	.0059	.00237	.00040	.68	.00116
%RSD	.46718	68.347	.28866	52.621	53.900	.60755	.23110

#1	.55565	.00063	2.0531	.00623	-.00090	111.82	.50452
#2	.55285	.00229	2.0458	.00546	-.00104	113.18	.50494
#3	.55049	.00095	2.0576	.00180	-.00029	112.55	.50275

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00556	10.508	.18130	.01590	.24555	145.01
Stddev	.00018	.00021	.044	.00085	.00033	.00027	1.78
%RSD	629.75	3.7664	.41747	.46717	2.0632	.11099	1.2266

#1	.00019	-.00577	10.516	.18033	.01628	.24551	146.04
#2	.00006	-.00556	10.460	.18171	.01573	.24530	146.02
#3	-.00016	-.00535	10.547	.18187	.01570	.24584	142.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52936	4.6776	.04143	-.00421	.14369	.30776	.85062
Stddev	.00060	.0665	.00034	.00040	.00964	.00099	.01235
%RSD	.11249	1.4210	.82675	9.4759	6.7055	.32323	1.4513

#1	.52997	4.6016	.04157	-.00384	.15342	.30819	.85807
#2	.52934	4.7066	.04168	-.00415	.13415	.30847	.85741
#3	.52878	4.7246	.04104	-.00463	.14349	.30662	.83637

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1942	.00495	.09375	2.8181	5.7137	.15180	.73572
Stddev	.0243	.00040	.01110	.0183	.0409	.00075	.00590
%RSD	1.1055	7.9896	11.844	.64814	.71630	.49256	.80162

#1	2.1978	.00499	.10327	2.8263	5.7501	.15266	.73304
#2	2.2165	.00454	.08156	2.7972	5.6694	.15143	.73164
#3	2.1684	.00532	.09643	2.8309	5.7215	.15131	.74249

Sample Name: K1157-13 Acquired: 1/17/2019 15:44:16 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-07-011519 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03348	4.698	-.10134	3.0467	F<.00000
Stddev	.00123	.025	.00224	.0237	1.1843
%RSD	3.6813	.5415	2.2125	.77914	.40995

#1	.03442	4.717	-.10252	3.0646	-289.74
#2	.03394	4.669	-.10276	3.0558	-287.53
#3	.03209	4.708	-.09876	3.0198	-289.37

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3357.2	41320.	4196.3	94.203	3639.6
Stddev	2.7	189.	11.5	1.314	2.1
%RSD	.08067	.45654	.27343	1.3946	.05851

#1	3358.7	41337.	4185.7	93.413	3639.6
#2	3354.0	41123.	4208.5	93.476	3641.8
#3	3358.7	41500.	4194.7	95.719	3637.5

Sample Name: K1167-01 Acquired: 1/17/2019 15:48:36 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JDHS-SOUTH-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01622	-.03977	.44546	.01538	-.00257	155.76	.65082
Stddev	.00254	.00121	.00178	.00334	.00207	.56	.00362
%RSD	15.652	3.0470	.40012	21.751	80.485	.35698	.55655

#1	.01643	-.04115	.44553	.01472	-.00484	155.55	.65438
#2	.01359	-.03887	.44365	.01900	-.00205	155.33	.64714
#3	.01865	-.03930	.44721	.01241	-.00081	156.39	.65093

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00723	-.01300	22.300	.24786	.12247	.33616	253.92
Stddev	.00013	.00020	.025	.00100	.00014	.00137	3.12
%RSD	1.7954	1.5242	.11422	.40430	.11490	.40715	1.2275

#1	.00728	-.01277	22.279	.24670	.12238	.33689	250.44
#2	.00733	-.01308	22.329	.24842	.12240	.33458	256.45
#3	.00708	-.01314	22.293	.24845	.12263	.33700	254.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5270	58.846	.21399	-.00624	1.3408	.34658	1.9641
Stddev	.0084	.218	.00069	.00025	.0096	.00324	.0174
%RSD	.18504	.36973	.32176	4.0167	.71793	.93511	.88364

#1	4.5182	59.016	.21347	-.00633	1.3445	.34342	1.9443
#2	4.5280	58.601	.21373	-.00595	1.3481	.34643	1.9714
#3	4.5348	58.921	.21477	-.00643	1.3299	.34990	1.9767

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.823	-.00063	.21503	.64368	6.0243	.01578	6.4585
Stddev	.050	.00022	.00833	.00770	.0582	.00147	.0242
%RSD	.23888	34.717	3.8724	1.1959	.96581	9.3390	.37523

#1	20.850	-.00086	.20754	.63727	5.9638	.01600	6.4848
#2	20.853	-.00041	.22400	.64156	6.0799	.01713	6.4372
#3	20.765	-.00063	.21355	.65222	6.0293	.01421	6.4533

Sample Name: K1167-01 Acquired: 1/17/2019 15:48:36 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JDHS-SOUTH-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19477	7.842	-.15199	1.1505	F<.00000
Stddev	.00161	.014	.00400	.0664	10.133
%RSD	.82646	.1754	2.6303	5.7710	1.7171

#1	.19663	7.829	-.14748	1.1025	-582.95
#2	.19387	7.839	-.15508	1.2263	-585.73
#3	.19381	7.857	-.15341	1.1227	-601.72

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3804.8	46738.	4911.8	93.191	3417.7
Stddev	7.6	102.	2.9	.716	3.3
%RSD	.19887	.21830	.05859	.76804	.09539

#1	3800.5	46828.	4909.8	94.018	3415.3
#2	3813.6	46758.	4915.1	92.770	3421.4
#3	3800.4	46627.	4910.4	92.786	3416.5

Sample Name: K1167-03 Acquired: 1/17/2019 15:52:53 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JDHS-NORTH-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09682	-.01574	5.5630	.01698	.00425	160.62	4.4859
Stddev	.00296	.00034	.0269	.00167	.00267	.82	.0466
%RSD	3.0548	2.1839	.48290	9.8401	62.768	.50832	1.0383

#1	.09437	-.01611	5.5727	.01511	.00732	159.70	4.5385
#2	.10011	-.01567	5.5837	.01832	.00287	161.27	4.4690
#3	.09599	-.01543	5.5327	.01751	.00255	160.88	4.4501

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00478	-.00645	228.92	.31519	.12511	.88035	349.86
Stddev	.00018	.00052	1.39	.00096	.00083	.00130	3.53
%RSD	3.8450	8.0848	.60828	.30491	.66494	.14799	1.0080

#1	.00460	-.00585	230.49	.31410	.12470	.88142	345.80
#2	.00479	-.00670	228.46	.31591	.12607	.87890	351.74
#3	.00496	-.00680	227.83	.31557	.12457	.88073	352.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7109	46.967	.48378	-.00644	1.2010	.79927	5.2980
Stddev	.0015	.460	.00251	.00057	.0235	.00258	.0264
%RSD	.03171	.98001	.51917	8.8294	1.9558	.32270	.49773

#1	4.7108	47.490	.48195	-.00699	1.2273	.79657	5.2717
#2	4.7095	46.783	.48664	-.00585	1.1937	.79954	5.3244
#3	4.7124	46.626	.48275	-.00647	1.1820	.80170	5.2979

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.293	.00543	.29508	4.7664	6.3204	.31119	3.7718
Stddev	.160	.00061	.02711	.0262	.0847	.00242	.0164
%RSD	1.3038	11.314	9.1888	.54902	1.3392	.77798	.43498

#1	12.478	.00522	.26453	4.7440	6.3982	.31020	3.7900
#2	12.205	.00495	.31630	4.7952	6.3328	.31394	3.7581
#3	12.195	.00612	.30441	4.7601	6.2303	.30942	3.7673

Sample Name: K1167-03 Acquired: 1/17/2019 15:52:53 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JDHS-NORTH-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16880	F 10.59	.36934	2.1280	F<.00000
Stddev	.00150	.06	.00771	.1301	4.6939
%RSD	.88668	.5809	2.0868	6.1160	.54654

#1	.17052	10.56	.37818	1.9778	-864.16
#2	.16783	10.66	.36579	2.2071	-855.27
#3	.16804	10.55	.36404	2.1992	-857.10

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3526.3	43326.	4656.2	91.434	3281.3
Stddev	3.7	112.	52.5	.395	12.4
%RSD	.10440	.25841	1.1274	.43244	.37840

#1	3526.4	43454.	4596.9	91.798	3274.5
#2	3530.0	43248.	4674.9	91.013	3273.8
#3	3522.6	43275.	4696.8	91.489	3295.7

Sample Name: CCV03 Acquired: 1/17/2019 15:57:08 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14476 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2464	5.0904	5.2329	5.2257	5.2713	10.708	9.7000
Stddev	.0136	.0188	.0008	.0147	.0059	.254	.6445
%RSD	.25909	.36889	.01521	.28160	.11267	2.3688	6.6446

#1	5.2593	5.0718	5.2336	5.2424	5.2729	10.417	8.9560
#2	5.2478	5.0901	5.2330	5.2203	5.2763	10.883	10.088
#3	5.2322	5.1093	5.2321	5.2145	5.2648	10.824	10.056

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26022	2.5465	24.647	1.0505	2.5390	1.2984	5.1356
Stddev	.00039	.0022	1.898	.0023	.0008	.0039	.3642
%RSD	.15079	.08700	7.7000	.21630	.03028	.29752	7.0912

#1	.26053	2.5440	22.456	1.0480	2.5382	1.3012	4.7179
#2	.25978	2.5482	25.709	1.0524	2.5389	1.3001	5.3860
#3	.26036	2.5475	25.776	1.0510	2.5397	1.2940	5.3030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5979	23.701	2.5000	1.3578	22.923	2.5049	2.4273
Stddev	.0008	1.619	.0016	.0025	1.532	.0054	.1060
%RSD	.02938	6.8313	.06453	.18569	6.6851	.21578	4.3686

#1	2.5972	21.832	2.5002	1.3562	21.155	2.5056	2.3083
#2	2.5987	24.697	2.4983	1.3607	23.865	2.4992	2.5118
#3	2.5979	24.572	2.5015	1.3566	23.749	2.5100	2.4619

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.882	5.0727	4.7530	4.8967	4.7928	5.1388	5.0167
Stddev	1.491	.0044	.3334	.0160	.2584	.0135	.3846
%RSD	6.2433	.08605	7.0144	.32764	5.3903	.26264	7.6659

#1	22.160	5.0770	4.3703	4.8783	4.4958	5.1243	4.5727
#2	24.762	5.0727	4.9808	4.9080	4.9166	5.1413	5.2410
#3	24.723	5.0683	4.9079	4.9038	4.9659	5.1509	5.2365

Sample Name: CCV03 Acquired: 1/17/2019 15:57:08 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14476 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.7496	5.110	5.0084	4.5207	F<.00000
Stddev	.3113	.014	.3474	.0960	.92476
%RSD	6.5543	.2670	6.9369	2.1243	10.698
#1	4.3902	5.096	4.6077	4.4245	-8.3551
#2	4.9345	5.113	5.1929	4.6166	-9.6788
#3	4.9242	5.123	5.2247	4.5209	-7.8983
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3114.0	38126.	4004.8	95.858	3443.9
Stddev	4.0	157.	205.9	4.328	2.6
%RSD	.12829	.41227	5.1415	4.5150	.07440
#1	3109.7	38132.	4242.5	100.74	3446.7
#2	3114.5	37967.	3890.6	92.479	3443.3
#3	3117.6	38281.	3881.2	94.358	3441.7

Sample Name: CCB03 Acquired: 1/17/2019 16:01:07 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14476 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00383	.00026	F .00507	-.00283	-.00167	-.01328	-.00102
Stddev	.00180	.00048	.00118	.00470	.00183	.00769	.00169
%RSD	47.071	182.23	23.334	166.41	109.66	57.919	165.13

#1	-.00538	-.00012	.00638	-.00685	.00044	-.00551	.00086
#2	-.00425	.00011	.00477	-.00398	-.00287	-.02090	-.00154
#3	-.00185	.00080	.00407	.00235	-.00256	-.01344	-.00239

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00015	.01788	.00023	-.00007	-.00082	.01139
Stddev	.00005	.00004	.00500	.00040	.00014	.00054	.00786
%RSD	105.26	26.473	27.985	174.70	187.56	65.420	68.990

#1	.00002	.00010	.02275	.00065	-.00022	-.00026	.00352
#2	.00011	.00017	.01813	-.00015	-.00005	-.00134	.01140
#3	.00002	.00017	.01275	.00018	.00005	-.00087	.01923

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.03261	-.00031	.00099	-.12336	.00019	.00045
Stddev	.00007	.02305	.00042	.00030	.01117	.00032	.00021
%RSD	156.50	70.676	133.18	30.094	9.0510	167.01	47.403

#1	.00013	-.05918	.00010	.00082	-.11743	.00012	.00069
#2	-.00001	-.02068	-.00074	.00082	-.11642	.00054	.00035
#3	.00002	-.01797	-.00030	.00134	-.13624	-.00009	.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12758	.00028	.00503	F -.01146	.00858	-.00617	.00128
Stddev	.01769	.00038	.02079	.00090	.00332	.00019	.00109
%RSD	13.867	134.81	413.35	7.8463	38.715	3.0698	84.911

#1	-.14085	-.00003	.02306	-.01076	.01154	-.00598	.00111
#2	-.13441	.00071	.00976	-.01114	.00499	-.00617	.00245
#3	-.10750	.00018	-.01772	-.01247	.00921	-.00636	.00029

Sample Name: CCB03 Acquired: 1/17/2019 16:01:07 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14476 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01787	-.0018	-.00010	F 3.7876	F<.00000
Stddev	.00053	.0009	.00015	.0524	2.3444
%RSD	2.9696	52.56	147.54	1.3846	19.918

#1	-.01752	-.0017	.00006	3.8261	-13.498
#2	-.01761	-.0009	-.00012	3.8090	-9.1014
#3	-.01848	-.0028	-.00024	3.7279	-12.710

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3237.2	39995.	3827.4	94.706	3852.5
Stddev	8.9	153.	172.9	5.242	2.1
%RSD	.27519	.38223	4.5176	5.5350	.05528

#1	3241.2	39820.	3627.7	88.742	3850.2
#2	3227.0	40099.	3927.1	98.583	3853.2
#3	3243.4	40067.	3927.2	96.792	3854.3

Sample Name: K1167-05 Acquired: 1/17/2019 16:05:34 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29189	-.01826	1.8767	.02826	-.00110	162.26	1.1532
Stddev	.00095	.00231	.0069	.00806	.00058	.76	.0068
%RSD	.32477	12.659	.36563	28.535	52.886	.47061	.58891

#1	.29299	-.01857	1.8691	.03029	-.00171	161.42	1.1507
#2	.29136	-.02041	1.8824	.01937	-.00105	162.46	1.1479
#3	.29134	-.01581	1.8787	.03511	-.00055	162.91	1.1608

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00519	-.01574	47.096	.30336	.16716	.69625	399.26
Stddev	.00017	.00129	.209	.00059	.00093	.00325	11.95
%RSD	3.1995	8.2163	.44303	.19545	.55678	.46613	2.9921

#1	.00517	-.01624	47.017	.30268	.16609	.69738	399.70
#2	.00537	-.01427	46.939	.30367	.16780	.69877	387.10
#3	.00504	-.01671	47.333	.30373	.16758	.69259	410.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7244	55.540	.60592	-.00536	1.3270	.41328	2.0402
Stddev	.0290	.672	.00172	.00163	.0033	.00111	.0634
%RSD	.50662	1.2099	.28360	30.323	.25087	.26882	3.1062

#1	5.7561	55.485	.60470	-.00575	1.3268	.41423	2.0521
#2	5.6991	54.897	.60789	-.00676	1.3304	.41356	1.9717
#3	5.7181	56.237	.60518	-.00358	1.3238	.41206	2.0967

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.948	.00640	.35344	4.7688	7.1788	.14228	4.0074
Stddev	.111	.00012	.02640	.0337	.0346	.00086	.0137
%RSD	.65494	1.8869	7.4696	.70633	.48171	.60438	.34184

#1	16.963	.00640	.34597	4.7301	7.1713	.14310	3.9959
#2	16.831	.00653	.33158	4.7848	7.1485	.14138	4.0038
#3	17.051	.00629	.38277	4.7916	7.2165	.14235	4.0226

Sample Name: K1167-05 Acquired: 1/17/2019 16:05:34 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-9 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18657	8.591	-.19683	1.4093	F<.00000
Stddev	.00217	.039	.01149	.0498	1.8814
%RSD	1.1623	.4571	5.8378	3.5326	.18340

#1	.18503	8.546	-.19675	1.3778	-1027.9
#2	.18564	8.611	-.18539	1.3834	-1025.3
#3	.18905	8.616	-.20837	1.4667	-1024.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3670.7	45147.	4775.0	91.814	3383.7
Stddev	1.1	28.	24.1	2.875	10.4
%RSD	.03071	.06312	.50493	3.1311	.30848

#1	3671.5	45119.	4759.6	91.245	3395.4
#2	3671.2	45148.	4802.7	94.931	3380.5
#3	3669.4	45176.	4762.5	89.267	3375.3

Sample Name: K1167-07 Acquired: 1/17/2019 16:09:59 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44459	-.01318	2.3188	.02499	.00119	130.69	1.1508
Stddev	.00184	.00182	.0119	.00024	.00082	.13	.0045
%RSD	.41470	13.796	.51338	.97530	68.876	.09703	.38651

#1	.44659	-.01466	2.3253	.02527	.00047	130.57	1.1536
#2	.44296	-.01374	2.3261	.02481	.00208	130.68	1.1532
#3	.44422	-.01115	2.3051	.02489	.00102	130.82	1.1457

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00350	-.00874	66.291	.29859	.14482	1.0023	404.48
Stddev	.00033	.00065	.315	.00125	.00106	.0024	7.43
%RSD	9.4500	7.3969	.47530	.41934	.73097	.23503	1.8380

#1	.00362	-.00942	66.288	.29802	.14599	1.0006	412.54
#2	.00313	-.00866	66.608	.29773	.14457	1.0012	403.04
#3	.00376	-.00814	65.978	.30003	.14391	1.0050	397.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9937	59.643	.52901	-.00649	1.5723	.41217	2.1513
Stddev	.0033	.172	.00464	.00123	.0092	.00284	.0492
%RSD	.08350	.28856	.87756	18.963	.58404	.68793	2.2850

#1	3.9917	59.815	.53388	-.00515	1.5709	.40896	2.2076
#2	3.9918	59.471	.52851	-.00674	1.5638	.41434	2.1297
#3	3.9975	59.644	.52463	-.00757	1.5820	.41320	2.1167

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.547	.01118	.33491	4.9400	5.6104	.19452	3.6195
Stddev	.041	.00026	.01232	.0348	.0317	.00226	.0073
%RSD	.23294	2.3121	3.6789	.70556	.56519	1.1594	.20210

#1	17.515	.01134	.34907	4.9803	5.5740	.19463	3.6112
#2	17.593	.01088	.32905	4.9204	5.6320	.19672	3.6225
#3	17.533	.01131	.32661	4.9194	5.6252	.19221	3.6248

Sample Name: K1167-07 Acquired: 1/17/2019 16:09:59 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-10 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15987	7.355	-.19572	2.1732	F<.00000
Stddev	.00116	.064	.00934	.1235	6.2079
%RSD	.72871	.8677	4.7720	5.6837	.61158

#1	.16078	7.424	-.20599	2.3021	-1008.0
#2	.16027	7.343	-.19343	2.0559	-1017.3
#3	.15855	7.298	-.18774	2.1615	-1019.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3516.3	43275.	4576.6	91.059	3377.3
Stddev	3.9	165.	18.4	2.058	14.7
%RSD	.11129	.38102	.40140	2.2596	.43558

#1	3515.2	43112.	4555.5	88.700	3360.4
#2	3520.7	43442.	4585.7	91.995	3386.2
#3	3513.1	43272.	4588.7	92.483	3385.4

Sample Name: K1167-09 Acquired: 1/17/2019 16:14:16 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CLOVER-YARD- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41370	-.03006	5.6185	.03535	.00128	117.00	1.6117
Stddev	.00221	.00302	.0191	.00228	.00081	.56	.0058
%RSD	.53488	10.042	.34008	6.4361	63.281	.47801	.35733

#1	.41487	-.03354	5.6336	.03355	.00100	116.36	1.6182
#2	.41509	-.02847	5.5971	.03791	.00219	117.25	1.6096
#3	.41115	-.02816	5.6250	.03460	.00064	117.39	1.6073

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	-.01090	31.948	.29230	.08036	1.1505	479.69
Stddev	.00038	.00138	.184	.00219	.00026	.0047	12.52
%RSD	27.143	12.644	.57621	.75019	.32373	.40833	2.6102

#1	.00148	-.00941	32.157	.29126	.08045	1.1556	466.28
#2	.00172	-.01212	31.810	.29082	.08056	1.1463	491.07
#3	.00098	-.01116	31.877	.29482	.08006	1.1497	481.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2161	49.586	.29195	-.01293	1.8963	.51199	2.6441
Stddev	.0029	.131	.00202	.00163	.0222	.00228	.0664
%RSD	.12983	.26326	.69305	12.609	1.1722	.44470	2.5119

#1	2.2128	49.701	.29364	-.01477	1.9125	.50977	2.5739
#2	2.2183	49.444	.28971	-.01168	1.9054	.51432	2.7059
#3	2.2171	49.614	.29251	-.01234	1.8709	.51189	2.6526

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.019	.02668	.38626	F 19.311	3.2253	.09974	7.0402
Stddev	.121	.00020	.01830	.026	.0300	.00012	.0626
%RSD	.67105	.76134	4.7370	.13492	.92924	.11853	.88909

#1	18.133	.02684	.37077	19.336	3.2562	.09974	7.1086
#2	17.892	.02645	.40645	19.313	3.1963	.09985	6.9857
#3	18.031	.02675	.38156	19.284	3.2236	.09962	7.0264

Sample Name: K1167-09 Acquired: 1/17/2019 16:14:16 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CLOVER-YARD- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16360	6.757	-.15910	2.8378	F<.00000
Stddev	.00074	.007	.01562	.1146	11.248
%RSD	.45006	.1040	9.8153	4.0391	.88607

#1	.16440	6.753	-.14169	2.7082	-1256.4
#2	.16345	6.752	-.17188	2.8793	-1276.1
#3	.16295	6.765	-.16372	2.9258	-1275.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3332.1	40718.	4341.8	91.652	3443.4
Stddev	7.1	89.	28.2	2.340	7.7
%RSD	.21378	.21870	.64896	2.5535	.22300

#1	3324.2	40818.	4309.4	94.179	3435.1
#2	3338.2	40692.	4355.4	89.558	3450.2
#3	3333.8	40645.	4360.6	91.220	3445.0

Sample Name: K1167-11 Acquired: 1/17/2019 16:18:33 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CLOVER-YARD- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30508	-.02509	3.7329	.03350	-.00187	109.42	1.3582
Stddev	.01550	.00610	.2713	.01002	.00112	1.97	.0386
%RSD	5.0806	24.305	7.2677	29.911	60.223	1.7980	2.8423

#1	.28725	-.01805	3.4198	.04325	-.00097	107.41	1.3857
#2	.31265	-.02866	3.8820	.03402	-.00150	109.51	1.3747
#3	.31534	-.02856	3.8970	.02323	-.00313	111.35	1.3140

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.01449	22.406	.25124	.06649	.83409	421.59
Stddev	.00014	.00405	.639	.00596	.00622	.06524	20.64
%RSD	112.28	27.947	2.8534	2.3732	9.3580	7.8217	4.8951

#1	-.00025	-.01857	22.799	.24546	.05931	.75876	435.35
#2	.00003	-.01442	22.750	.25090	.07020	.87182	431.56
#3	-.00016	-.01047	21.668	.25737	.06997	.87170	397.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8831	42.694	.22767	-.01258	1.7940	.48501	1.8991
Stddev	.0355	1.090	.01505	.00428	.0595	.00998	.0725
%RSD	1.8852	2.5532	6.6086	34.022	3.3175	2.0575	3.8154

#1	1.8483	43.463	.21032	-.00918	1.8357	.47450	1.9345
#2	1.8818	43.172	.23554	-.01117	1.8205	.48620	1.9470
#3	1.9193	41.447	.23714	-.01739	1.7259	.49435	1.8157

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.342	.02332	.32316	F 15.371	3.8363	.07485	6.6503
Stddev	.467	.00113	.02407	1.045	.1146	.00605	.1957
%RSD	2.6941	4.8581	7.4475	6.8011	2.9880	8.0852	2.9421

#1	17.663	.02201	.34690	14.164	3.7916	.06787	6.7737
#2	17.557	.02389	.32382	15.949	3.9666	.07864	6.7525
#3	16.806	.02404	.29878	15.999	3.7508	.07805	6.4247

Sample Name: K1167-11 Acquired: 1/17/2019 16:18:33 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CLOVER-YARD- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15451	5.917	-.15188	3.3450	F<.00000
Stddev	.00448	.416	.01265	.2903	5.9153
%RSD	2.9000	7.029	8.3296	8.6797	.53715
#1	.15578	5.437	-.15961	3.1009	-1102.7
#2	.15822	6.162	-.15874	3.2681	-1094.7
#3	.14953	6.152	-.13728	3.6661	-1106.3
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3394.8	40178.	4294.9	93.820	3616.6
Stddev	193.1	749.	125.2	4.390	223.8
%RSD	5.6877	1.8639	2.9159	4.6789	6.1891
#1	3617.8	40923.	4207.1	90.711	3875.0
#2	3279.8	40187.	4239.2	91.907	3482.9
#3	3287.0	39425.	4438.3	98.842	3491.9

Sample Name: PB116447BL Acquired: 1/17/2019 16:22:42 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116447BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00198	-.00026	F .00774	-.00106	-.00155	.01637	-.00250
Stddev	.00047	.00129	.00214	.00210	.00069	.01045	.00183
%RSD	23.834	491.19	27.608	198.03	44.341	63.862	73.207

#1	-.00245	-.00170	.01020	-.00235	-.00103	.02820	-.00445
#2	-.00151	.00077	.00677	-.00218	-.00232	.01253	-.00083
#3	-.00197	.00014	.00627	.00136	-.00128	.00837	-.00221

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00012	.00754	-.00001	-.00026	-.00062	F .02818
Stddev	.00005	.00008	.01413	.00047	.00017	.00012	.00801
%RSD	68.558	68.174	187.54	3173.3	65.948	18.569	28.419

#1	.00002	.00018	.02363	.00022	-.00006	-.00055	.03168
#2	.00012	.00016	.00180	.00029	-.00033	-.00056	.03383
#3	.00008	.00003	-.00283	-.00056	-.00037	-.00075	.01901

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.01170	-.00009	.00109	-.13767	.00000	.00054
Stddev	.00004	.06835	.00025	.00046	.00838	.00035	.00014
%RSD	33.924	584.32	282.45	42.103	6.0853	9252.2	25.664

#1	-.00014	-.02343	-.00018	.00161	-.14734	.00040	.00068
#2	-.00007	.09047	-.00027	.00074	-.13301	-.00014	.00054
#3	-.00011	-.03195	.00019	.00092	-.13266	-.00025	.00040

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.13785	.00024	-.01771	F -.01062	.00778	-.00774	.00117
Stddev	.00938	.00030	.00389	.00194	.00128	.00050	.00236
%RSD	6.8076	123.03	21.952	18.238	16.474	6.4832	202.39

#1	-.13440	.00026	-.02124	-.00857	.00913	-.00716	.00038
#2	-.13067	-.00006	-.01833	-.01088	.00762	-.00806	.00382
#3	-.14847	.00053	-.01355	-.01242	.00658	-.00800	-.00070

Sample Name: PB116447BL Acquired: 1/17/2019 16:22:42 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116447BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01325	-.0022	-.00022	F 4.0383	F<.00000
Stddev	.00079	.0004	.00005	.0914	1.8117
%RSD	5.9907	18.49	23.046	2.2626	19.480

#1	-.01236	-.0019	-.00016	3.9838	-10.577
#2	-.01349	-.0020	-.00026	3.9874	-7.2269
#3	-.01390	-.0027	-.00024	4.1438	-10.097

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3238.0	39925.	3963.5	94.822	3870.2
Stddev	6.6	76.	8.7	1.280	2.3
%RSD	.20307	.19027	.22065	1.3494	.06014

#1	3230.5	39839.	3973.4	94.858	3867.6
#2	3243.0	39980.	3957.0	96.083	3871.4
#3	3240.4	39958.	3960.1	93.525	3871.8

Sample Name: PB116450BS Acquired: 1/17/2019 16:27:11 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116447BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84403	2.1025	1.0738	2.0746	.86706	2.2434	.21460
Stddev	.00656	.0026	.0043	.0043	.00497	.0303	.00165
%RSD	.77722	.12145	.39733	.20989	.57311	1.3522	.77111
#1	.85153	2.1045	1.0743	2.0796	.87280	2.2154	.21408
#2	.84117	2.0996	1.0693	2.0720	.86412	2.2392	.21646
#3	.83937	2.1033	1.0778	2.0722	.86426	2.2756	.21327
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20826	.20358	1.1280	.46297	.21566	.34251	F 3.6064
Stddev	.00031	.00051	.0265	.00131	.00160	.00066	.0365
%RSD	.14970	.24809	2.3482	.28272	.74252	.19163	1.0127
#1	.20791	.20391	1.1090	.46147	.21636	.34323	3.5743
#2	.20851	.20300	1.1168	.46354	.21383	.34193	3.6462
#3	.20836	.20383	1.1583	.46390	.21679	.34238	3.5988
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22968	2.0691	.52667	.08184	2.9832	.32747	.21544
Stddev	.00050	.0143	.00071	.00051	.0092	.00009	.00118
%RSD	.21810	.69278	.13467	.62357	.30927	.02638	.54768
#1	.22913	2.0593	.52705	.08221	2.9728	.32753	.21550
#2	.23011	2.0624	.52585	.08126	2.9864	.32752	.21659
#3	.22982	2.0856	.52711	.08206	2.9904	.32737	.21423
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.517	.44638	.30576	F -.01259	.97128	.74686	.22886
Stddev	.023	.00065	.01801	.00401	.00558	.00149	.00315
%RSD	.22287	.14552	5.8914	31.858	.57483	.20007	1.3771
#1	10.529	.44710	.29399	-.01585	.96509	.74753	.22561
#2	10.490	.44618	.29679	-.01381	.97282	.74515	.23190
#3	10.533	.44585	.32650	-.00811	.97593	.74791	.22907

Sample Name: PB116450BS Acquired: 1/17/2019 16:27:11 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116447BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20220	5.756	.22176	F 3.9655	F<.00000
Stddev	.00097	.016	.00028	.0609	2.6021
%RSD	.48199	.2828	.12693	1.5354	8.8997
#1	.20187	5.763	.22146	4.0283	-31.700
#2	.20142	5.738	.22179	3.9617	-29.501
#3	.20329	5.768	.22202	3.9067	-26.515
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3235.1	40183.	4032.2	95.267	3816.0
Stddev	9.9	35.	23.7	.878	9.1
%RSD	.30711	.08658	.58737	.92159	.23936
#1	3224.6	40203.	4031.0	95.350	3805.7
#2	3236.4	40143.	4009.2	94.350	3823.1
#3	3244.3	40203.	4056.5	96.100	3819.1

Sample Name: K1131-01DLX10 Acquired: 1/17/2019 16:31:16 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7886 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01122	.00046	.01812	-.00884	-.00376	.59855	.00801
Stddev	.00258	.00108	.00162	.00289	.00022	.02747	.00032
%RSD	22.961	234.75	8.9700	32.720	5.8439	4.5887	4.0540

#1	-.01129	-.00048	.01661	-.00691	-.00397	.58300	.00790
#2	-.00860	.00022	.01984	-.01216	-.00353	.58238	.00837
#3	-.01375	.00163	.01790	-.00744	-.00379	.63026	.00775

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	-.00131	533.03	.00203	.00413	.00729	13.455
Stddev	.00017	.00014	3.20	.00035	.00045	.00085	.038
%RSD	29.006	10.561	.60025	17.412	10.781	11.606	.27952

#1	.00054	-.00136	535.56	.00239	.00463	.00770	13.471
#2	.00045	-.00115	534.09	.00168	.00400	.00632	13.412
#3	.00078	-.00141	529.43	.00202	.00377	.00786	13.482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2059	291.77	-.00153	-.00164	.01675	.00320	.02535
Stddev	.0017	1.61	.00082	.00009	.00543	.00117	.00025
%RSD	.14026	.55050	53.920	5.5960	32.391	36.402	.99026

#1	1.2040	292.68	-.00167	-.00174	.02279	.00451	.02563
#2	1.2066	292.71	-.00227	-.00164	.01519	.00280	.02527
#3	1.2071	289.91	-.00064	-.00155	.01228	.00229	.02515

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16522	.00147	.00392	-.04240	.15519	-.00308	-.00860
Stddev	.04024	.00030	.00226	.00336	.00249	.00049	.00123
%RSD	24.358	20.246	57.683	7.9347	1.6074	15.965	14.336

#1	.12233	.00131	.00600	-.03855	.15761	-.00276	-.00748
#2	.20215	.00128	.00151	-.04480	.15534	-.00284	-.00840
#3	.17119	.00181	.00426	-.04384	.15263	-.00364	-.00992

Sample Name: K1131-01DLX10 Acquired: 1/17/2019 16:31:16 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7886 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01778	.2553	.09149	5.5901	F<.00000
Stddev	.00173	.0029	.00042	.1001	1.4663
%RSD	9.7524	1.139	.46235	1.7900	14.975

#1	.01586	.2543	.09160	5.7013	-10.975
#2	.01923	.2586	.09103	5.5616	-8.1511
#3	.01825	.2531	.09185	5.5073	-10.248

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2894.6	35320.	3869.9	86.431	3069.1
Stddev	11.2	87.	51.0	1.132	9.4
%RSD	.38858	.24589	1.3184	1.3091	.30511

#1	2890.3	35224.	3822.5	85.162	3058.4
#2	2886.2	35392.	3863.3	86.795	3075.8
#3	2907.4	35344.	3923.9	87.336	3073.1

Sample Name: K1131-02DLX10 Acquired: 1/17/2019 16:35:39 Type: Unk
Method: P4-ICP2(v2751) 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	-.01462	.00045	.01364	-.00348	-.00466	-.05340	-.00086
Stddev	.00195	.00132	.00039	.00274	.00199	.01243	.00066
%RSD	13.373	294.42	2.8375	78.668	42.783	23.284	76.469

#1	-.01611	.00125	.01377	-.00375	-.00696	-.06503	-.00157
#2	-.01533	-.00108	.01320	-.00062	-.00365	-.04029	-.00075
#3	-.01240	.00118	.01394	-.00608	-.00337	-.05488	-.00027

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00096	545.14	.00358	.00061	.00275	8.4597
Stddev	.00001	.00008	2.10	.00029	.00009	.00083	.1273
%RSD	3.2759	8.5318	.38516	8.0258	14.967	30.277	1.5053

#1	.00024	-.00093	543.41	.00373	.00066	.00194	8.4609
#2	.00024	-.00090	547.48	.00376	.00066	.00360	8.3318
#3	.00025	-.00105	544.54	.00325	.00050	.00270	8.5865

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0412	303.49	-.00423	-.00133	.02170	.00060	.00897
Stddev	.0020	.58	.00034	.00049	.01156	.00025	.00025
%RSD	.19306	.19052	8.0819	36.719	53.292	41.448	2.7347

#1	1.0399	303.06	-.00402	-.00154	.01853	.00051	.00890
#2	1.0401	303.26	-.00405	-.00168	.01204	.00040	.00877
#3	1.0435	304.15	-.00463	-.00077	.03451	.00087	.00924

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03800	.00055	-.00825	-.07059	.14114	-.00288	-.01117
Stddev	.02102	.00023	.01105	.00626	.00894	.00084	.00580
%RSD	55.333	42.259	133.89	8.8744	6.3323	29.229	51.926

#1	.04097	.00042	-.01612	-.06916	.13087	-.00298	-.01229
#2	.05738	.00082	-.01302	-.06516	.14538	-.00199	-.00489
#3	.01564	.00041	.00438	-.07744	.14717	-.00367	-.01633

Sample Name: K1131-02DLX10 Acquired: 1/17/2019 16:35:39 Type: Unk
Method: P4-ICP2(v2751) 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	.01519	.0625	.08668	5.5939	F<.00000
Stddev	.00103	.0006	.00022	.0362	1.8771
%RSD	6.7653	.8999	.25723	.64784	20.083
#1	.01411	.0631	.08669	5.5912	-10.293
#2	.01532	.0625	.08690	5.5590	-7.1849
#3	.01615	.0619	.08645	5.6313	-10.563
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2879.3	35008.	3798.4	85.459	3068.1
Stddev	9.1	114.	15.4	.837	8.6
%RSD	.31538	.32465	.40433	.97958	.28029
#1	2869.8	34966.	3800.8	85.641	3059.1
#2	2887.9	35137.	3782.1	86.190	3076.3
#3	2880.2	34921.	3812.5	84.546	3068.8

Sample Name: PB116392BL Acquired: 1/17/2019 16:40:03 Type: Unk
Method: P4-ICP2(v2751) 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	-.00418	-.00027	-.00008	-.00459	-.00095	-.00391	-.00199
Stddev	.00316	.00112	.00110	.00487	.00129	.01339	.00058
%RSD	75.605	407.36	1435.9	106.19	135.53	342.38	28.952

#1	-.00381	-.00016	.00101	-.00516	-.00158	-.00378	-.00205
#2	-.00750	-.00145	-.00004	-.00915	.00053	.00941	-.00253
#3	-.00122	.00078	-.00120	.00055	-.00181	-.01736	-.00139

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00013	.01697	.00003	-.00014	-.00030	.00897
Stddev	.00012	.00006	.00574	.00044	.00007	.00052	.01352
%RSD	287.67	48.826	33.803	1691.3	52.070	172.44	150.63

#1	.00009	.00013	.02355	.00002	-.00022	.00026	-.00621
#2	-.00014	.00006	.01302	.00047	-.00011	-.00040	.01970
#3	-.00007	.00019	.01435	-.00041	-.00008	-.00078	.01343

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00980	-.00070	.00069	-.12510	-.00001	-.00036
Stddev	.00005	.03870	.00023	.00062	.01866	.00058	.00008
%RSD	225.83	394.97	32.568	89.546	14.916	7049.8	23.407

#1	-.00008	.03434	-.00081	.00054	-.12779	.00034	-.00042
#2	-.00001	-.03790	-.00044	.00137	-.14227	-.00068	-.00026
#3	.00002	-.02582	-.00086	.00016	-.10524	.00032	-.00039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14052	-.00009	-.00654	F -.01318	.00469	-.00853	-.00048
Stddev	.01896	.00028	.01372	.00375	.00236	.00029	.00047
%RSD	13.489	294.98	209.96	28.488	50.240	3.3613	98.895

#1	-.11986	-.00001	-.00339	-.01366	.00741	-.00835	-.00085
#2	-.15710	.00013	.00534	-.00921	.00325	-.00838	-.00064
#3	-.14460	-.00040	-.02156	-.01667	.00341	-.00886	.00005

Sample Name: PB116392BL Acquired: 1/17/2019 16:40:03 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01659	-.0037	-.00030	F 3.8653	F<.00000
Stddev	.00209	.0020	.00006	.0835	2.0013
%RSD	12.594	53.02	20.777	2.1609	16.730
#1	-.01592	-.0032	-.00023	3.7995	-14.047
#2	-.01492	-.0021	-.00030	3.9593	-11.783
#3	-.01893	-.0059	-.00036	3.8371	-10.056
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3259.6	40048.	4008.0	96.950	3877.9
Stddev	10.6	125.	24.1	2.977	6.4
%RSD	.32435	.31125	.60253	3.0709	.16525
#1	3257.9	39971.	3992.6	97.825	3875.7
#2	3250.0	39982.	3995.6	93.633	3872.8
#3	3270.9	40192.	4035.8	99.392	3885.1

Sample Name: PB116392BS Acquired: 1/17/2019 16:44:29 Type: Unk
Method: P4-ICP2(v2751) 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	.80116	2.0039	1.0186	1.9653	.82031	2.1214	.20465
Stddev	.00313	.0050	.0033	.0061	.00061	.0179	.00183
%RSD	.39034	.24733	.32395	.30997	.07438	.84261	.89390

#1	.79855	2.0085	1.0178	1.9699	.82085	2.1418	.20319
#2	.80463	1.9986	1.0157	1.9676	.82044	2.1083	.20670
#3	.80031	2.0044	1.0222	1.9584	.81965	2.1142	.20405

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19722	.19369	1.0684	.44149	.20505	.32598	3.3763
Stddev	.00053	.00053	.0242	.00181	.00063	.00116	.0546
%RSD	.26935	.27291	2.2690	.41026	.30633	.35734	1.6161

#1	.19695	.19430	1.0421	.44273	.20570	.32701	3.3383
#2	.19687	.19336	1.0898	.43941	.20445	.32622	3.4388
#3	.19783	.19340	1.0735	.44231	.20499	.32472	3.3519

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21851	1.9675	.49970	.07754	2.8951	.31088	.20076
Stddev	.00012	.0201	.00217	.00070	.0121	.00078	.00313
%RSD	.05351	1.0214	.43482	.90335	.41959	.25161	1.5589

#1	.21843	1.9512	.49950	.07835	2.8814	.31089	.19898
#2	.21847	1.9613	.49763	.07706	2.9043	.31167	.20437
#3	.21865	1.9899	.50196	.07723	2.8997	.31010	.19892

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.007	.42307	.29690	F -.01748	.91559	.70740	.21867
Stddev	.084	.00151	.01228	.00425	.00394	.00409	.00195
%RSD	.84405	.35807	4.1348	24.305	.43062	.57750	.89299

#1	9.9158	.42482	.29229	-.01485	.91534	.71180	.21683
#2	10.024	.42216	.31081	-.01521	.91965	.70374	.22072
#3	10.082	.42224	.28760	-.02239	.91178	.70665	.21846

Sample Name: PB116392BS Acquired: 1/17/2019 16:44:29 Type: Unk
Method: P4-ICP2(v2751) 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	.19340	5.478	.21061	F 4.0690	F<.00000
Stddev	.00049	.011	.00147	.0185	1.4146
%RSD	.25301	.1926	.69917	.45518	4.9459
#1	.19306	5.485	.20892	4.0633	-28.172
#2	.19318	5.466	.21132	4.0897	-30.182
#3	.19396	5.483	.21160	4.0540	-27.452
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3229.5	40322.	4018.1	96.531	3803.2
Stddev	8.2	63.	37.0	1.643	11.0
%RSD	.25298	.15626	.92061	1.7024	.28941
#1	3220.2	40249.	4046.6	97.508	3790.8
#2	3235.6	40362.	3976.3	94.633	3811.9
#3	3232.5	40354.	4031.3	97.450	3806.8

Sample Name: CCV04 Acquired: 1/17/2019 16:59:40 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1009	4.9366	5.1056	5.0588	5.1289	10.341	9.7182
Stddev	.0067	.0141	.0136	.0037	.0146	.067	.0539
%RSD	.13224	.28538	.26689	.07254	.28547	.64318	.55459

#1	5.1029	4.9239	5.0904	5.0551	5.1386	10.272	9.6968
#2	5.1064	4.9340	5.1098	5.0590	5.1360	10.404	9.6783
#3	5.0934	4.9518	5.1167	5.0624	5.1120	10.348	9.7795

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25106	2.4761	24.473	1.0117	2.4656	1.2578	5.3578
Stddev	.00057	.0056	.083	.0007	.0043	.0019	.0782
%RSD	.22722	.22723	.34087	.07303	.17635	.14892	1.4594

#1	.25165	2.4708	24.414	1.0108	2.4612	1.2588	5.3002
#2	.25103	2.4756	24.436	1.0121	2.4657	1.2589	5.3263
#3	.25051	2.4820	24.569	1.0120	2.4699	1.2556	5.4468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5088	23.327	2.4185	1.3265	22.803	2.4045	2.5150
Stddev	.0024	.204	.0054	.0033	.119	.0052	.0296
%RSD	.09394	.87361	.22425	.24787	.52180	.21574	1.1759

#1	2.5110	23.139	2.4134	1.3253	22.726	2.4104	2.4955
#2	2.5063	23.298	2.4178	1.3239	22.743	2.4013	2.5003
#3	2.5092	23.543	2.4242	1.3302	22.940	2.4016	2.5490

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.713	4.8942	4.7040	4.7236	4.7386	5.0274	5.0195
Stddev	.198	.0061	.0283	.0281	.0222	.0165	.0141
%RSD	.83480	.12458	.60045	.59480	.46826	.32756	.28006

#1	23.678	4.8931	4.6773	4.7145	4.7308	5.0087	5.0091
#2	23.535	4.9008	4.7011	4.7012	4.7213	5.0337	5.0139
#3	23.926	4.8888	4.7336	4.7551	4.7636	5.0397	5.0355

Sample Name: CCV04 Acquired: 1/17/2019 16:59:40 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.7383	4.986	5.0450	F 4.4836	F<.00000
Stddev	.0247	.012	.0161	.0211	3.1123
%RSD	.52186	.2426	.31992	.47111	26.108
#1	4.7239	4.980	5.0406	4.4625	-15.435
#2	4.7242	4.978	5.0316	4.4837	-9.5105
#3	4.7669	5.000	5.0629	4.5047	-10.818
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3131.7	38585.	3952.4	90.917	3459.6
Stddev	3.8	89.	4.4	1.109	9.1
%RSD	.12168	.23135	.11117	1.2194	.26304
#1	3132.8	38538.	3950.5	91.670	3467.1
#2	3127.5	38528.	3957.4	91.437	3462.2
#3	3134.9	38688.	3949.2	89.644	3449.5

Sample Name: CCB04 Acquired: 1/17/2019 17:03:39 Type: Unk
Method: P4-ICP2(v2751) 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	-.00458	.00112	.00290	-.00020	-.00176	.00403	-.00270
Stddev	.00092	.00130	.00070	.00345	.00329	.00731	.00008
%RSD	20.110	116.61	24.057	1737.1	187.47	181.46	2.9566

#1	-.00374	-.00028	.00339	.00362	-.00105	.00376	-.00277
#2	-.00444	.00132	.00320	-.00113	.00113	-.00315	-.00273
#3	-.00556	.00231	.00210	-.00308	-.00534	.01146	-.00261

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00014	.01850	-.00003	.00003	-.00050	.01836
Stddev	.00007	.00007	.00939	.00040	.00019	.00025	.00823
%RSD	350.08	50.085	50.782	1412.2	730.68	50.193	44.833

#1	-.00006	.00021	.02391	-.00030	-.00018	-.00034	.02747
#2	.00006	.00014	.02393	-.00022	.00018	-.00080	.01144
#3	.00007	.00007	.00765	.00043	.00008	-.00037	.01617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.01252	-.00061	.00171	-.13550	-.00015	-.00025
Stddev	.00007	.02079	.00007	.00065	.00390	.00042	.00012
%RSD	84.378	166.03	11.570	37.861	2.8758	279.70	46.060

#1	-.00017	.00100	-.00068	.00193	-.13811	-.00007	-.00023
#2	-.00006	.03652	-.00061	.00098	-.13102	-.00061	-.00015
#3	-.00003	.00004	-.00054	.00221	-.13736	.00022	-.00038

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15658	.00049	-.00012	F -.01243	.00454	-.00510	.00172
Stddev	.03647	.00008	.00505	.00223	.00377	.00029	.00307
%RSD	23.291	15.494	4176.5	17.938	83.056	5.6852	178.10

#1	-.19543	.00041	-.00585	-.01165	.00150	-.00514	.00461
#2	-.15124	.00052	.00368	-.01069	.00875	-.00479	-.00150
#3	-.12308	.00055	.00181	-.01494	.00336	-.00537	.00206

Sample Name: CCB04 Acquired: 1/17/2019 17:03:39 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01236	-.0019	-.00021	F 3.7246	F<.00000
Stddev	.00177	.0010	.00006	.0343	2.0840
%RSD	14.286	53.69	29.154	.92072	14.852

#1	-.01424	-.0008	-.00014	3.7639	-12.021
#2	-.01074	-.0029	-.00027	3.7097	-13.894
#3	-.01208	-.0020	-.00022	3.7004	-16.182

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3249.7	40367.	4013.6	98.411	3872.8
Stddev	5.7	133.	22.3	3.056	4.5
%RSD	.17601	.33022	.55680	3.1052	.11529

#1	3243.2	40215.	4006.3	101.66	3873.7
#2	3252.3	40420.	3995.8	95.592	3876.7
#3	3253.8	40466.	4038.7	97.983	3867.9

Sample Name: PB116450BL Acquired: 1/17/2019 17:08:09 Type: Unk
Method: P4-ICP2(v2751) 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	-.00307	.00044	.00062	.00081	-.00084	-.01220	-.00280
Stddev	.00163	.00108	.00052	.00507	.00048	.01029	.00018
%RSD	52.997	244.21	83.934	625.30	57.129	84.381	6.5271

#1	-.00488	-.00001	.00037	.00416	-.00075	-.01302	-.00287
#2	-.00259	-.00034	.00027	.00330	-.00136	-.02206	-.00259
#3	-.00173	.00167	.00122	-.00503	-.00041	-.00152	-.00293

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00009	.01055	.00037	-.00014	-.00075	.02040
Stddev	.00012	.00001	.00873	.00038	.00018	.00017	.00245
%RSD	290.42	11.861	82.728	100.64	126.79	22.900	11.989

#1	-.00006	.00010	.02004	.00077	-.00032	-.00056	.02306
#2	.00018	.00008	.00285	.00003	-.00012	-.00089	.01826
#3	.00001	.00008	.00878	.00032	.00002	-.00080	.01987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.01972	-.00041	.00120	-.14657	-.00011	-.00045
Stddev	.00002	.01824	.00061	.00009	.00611	.00034	.00009
%RSD	51.612	92.523	147.01	7.3027	4.1717	316.97	20.378

#1	-.00004	-.01182	-.00105	.00112	-.15325	-.00021	-.00054
#2	-.00007	-.00675	-.00034	.00120	-.14125	-.00038	-.00036
#3	-.00002	-.04058	.00015	.00129	-.14521	.00027	-.00044

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.21083	.00014	-.00857	F -.01507	.00397	-.00700	.00113
Stddev	.02644	.00011	.00607	.00236	.00177	.00042	.00123
%RSD	12.542	81.315	70.748	15.664	44.591	5.9715	109.00

#1	-.18073	.00021	-.00976	-.01774	.00453	-.00690	.00225
#2	-.22144	.00021	-.01396	-.01326	.00540	-.00664	-.00019
#3	-.23032	.00001	-.00200	-.01421	.00199	-.00746	.00133

Sample Name: PB116450BL Acquired: 1/17/2019 17:08:09 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01682	-.0010	-.00023	F 3.6774	F<.00000
Stddev	.00121	.0008	.00008	.0965	1.5890
%RSD	7.1860	83.44	33.591	2.6243	11.485

#1	-.01672	-.0008	-.00020	3.5854	-13.867
#2	-.01808	-.0018	-.00017	3.6691	-12.230
#3	-.01567	-.0003	-.00032	3.7778	-15.407

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3271.5	40478.	4032.3	98.542	3888.1
Stddev	8.1	98.	19.1	1.724	3.6
%RSD	.24678	.24269	.47338	1.7498	.09372

#1	3265.4	40447.	4036.3	100.33	3886.5
#2	3268.6	40400.	4049.1	96.883	3892.3
#3	3280.7	40589.	4011.5	98.417	3885.6

Sample Name: PB116447BS Acquired: 1/17/2019 17:12:38 Type: Unk
Method: P4-ICP2(v2751) 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	.81873	2.0556	1.0447	2.0163	.84338	2.1491	.21329
Stddev	.00309	.0081	.0036	.0104	.00528	.0141	.00060
%RSD	.37783	.39307	.34576	.51719	.62594	.65674	.28230

#1	.82200	2.0597	1.0443	2.0148	.84425	2.1580	.21292
#2	.81831	2.0609	1.0485	2.0275	.84816	2.1328	.21398
#3	.81586	2.0463	1.0413	2.0068	.83771	2.1564	.21297

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20155	.19881	1.0956	.44839	.21011	.33490	3.4402
Stddev	.00051	.00063	.0086	.00183	.00090	.00105	.0315
%RSD	.25421	.31567	.78527	.40758	.42948	.31435	.91651

#1	.20096	.19872	1.1045	.44700	.21080	.33490	3.4757
#2	.20189	.19948	1.0873	.44771	.21043	.33595	3.4156
#3	.20179	.19823	1.0949	.45046	.20909	.33385	3.4293

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22336	2.0534	.51310	.07892	2.9834	.31954	.20461
Stddev	.00022	.0472	.00113	.00061	.0286	.00023	.00168
%RSD	.09795	2.3002	.21956	.77043	.95860	.07284	.82151

#1	.22361	2.0982	.51435	.07962	2.9507	.31952	.20320
#2	.22322	2.0579	.51281	.07862	2.9960	.31978	.20647
#3	.22324	2.0041	.51215	.07852	3.0035	.31931	.20416

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.403	.43510	.30322	F -.01482	.94126	.72882	.22428
Stddev	.080	.00207	.00735	.00242	.00722	.00151	.00163
%RSD	.76875	.47653	2.4230	16.332	.76662	.20664	.72857

#1	10.316	.43493	.30002	-.01439	.93323	.72768	.22443
#2	10.422	.43725	.31162	-.01742	.94332	.72825	.22257
#3	10.472	.43311	.29801	-.01264	.94722	.73053	.22583

Sample Name: PB116447BS Acquired: 1/17/2019 17:12:38 Type: Unk
 Method: P4-ICP2(v2751) 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	.19757	5.631	.21644	F 3.6734	F<.00000
Stddev	.00256	.024	.00091	.0531	2.1670
%RSD	1.2951	.4322	.42182	1.4451	7.7950
#1	.19521	5.627	.21719	3.6820	-25.897
#2	.19720	5.657	.21542	3.6166	-30.159
#3	.20029	5.609	.21670	3.7217	-27.345
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3245.3	40687.	4010.1	97.592	3819.2
Stddev	16.0	35.	8.7	.541	16.7
%RSD	.49446	.08537	.21812	.55385	.43827
#1	3231.6	40683.	4020.2	97.775	3800.8
#2	3241.3	40724.	4004.3	96.983	3823.6
#3	3263.0	40655.	4005.9	98.017	3833.4

Sample Name: PB116450TB Acquired: 1/17/2019 17:16:46 Type: Unk
Method: P4-ICP2(v2751) 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	-.00518	-.00205	-.00048	.00024	-.00046	-.00582	-.00382
Stddev	.00100	.00121	.00043	.00454	.00059	.01296	.00119
%RSD	19.401	58.758	89.887	1881.8	127.57	222.51	31.102

#1	-.00496	-.00327	-.00097	.00482	.00020	-.02053	-.00513
#2	-.00430	-.00086	-.00018	.00016	-.00093	-.00084	-.00349
#3	-.00627	-.00202	-.00029	-.00426	-.00066	.00390	-.00283

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00006	.02104	.00100	-.00038	-.00110	.02319
Stddev	.00012	.00006	.01331	.00002	.00011	.00017	.00318
%RSD	2290.5	112.75	63.279	1.5346	27.967	15.402	13.726

#1	.00013	.00000	.01821	.00099	-.00025	-.00097	.02043
#2	-.00005	-.00005	.00936	.00102	-.00044	-.00129	.02667
#3	-.00009	-.00013	.03553	.00100	-.00043	-.00103	.02246

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.00152	.00180	.00433	F 283.16	.00014	.00169
Stddev	.00004	.03664	.00064	.00049	3.10	.00014	.00011
%RSD	14.349	2411.7	35.567	11.284	1.0942	98.686	6.4063

#1	-.00034	-.04081	.00241	.00417	282.14	.00022	.00179
#2	-.00027	.00453	.00113	.00395	280.71	.00022	.00158
#3	-.00026	.03172	.00185	.00489	286.65	-.00002	.00170

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10263	.00034	-.01024	F -.01138	.00762	-.00596	-.00046
Stddev	.02564	.00047	.00868	.00236	.00172	.00086	.00256
%RSD	24.986	138.92	84.778	20.763	22.514	14.449	558.70

#1	-.09111	.00074	-.00865	-.01401	.00578	-.00682	.00248
#2	-.13201	.00047	-.00246	-.00944	.00918	-.00597	-.00163
#3	-.08477	-.00018	-.01961	-.01068	.00791	-.00509	-.00223

Sample Name: PB116450TB Acquired: 1/17/2019 17:16:46 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01423	-.0021	-.00028	4.6291	<.00000
Stddev	.00153	.0009	.00003	.1029	.32525
%RSD	10.758	44.93	10.865	2.2222	3.2702
#1	-.01587	-.0015	-.00030	4.5208	-9.5960
#2	-.01285	-.0031	-.00025	4.7255	-10.003
#3	-.01396	-.0016	-.00030	4.6409	-10.239
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3108.3	37603.	3963.6	94.667	3472.4
Stddev	4.4	43.	25.2	2.443	8.3
%RSD	.14204	.11415	.63611	2.5811	.23761
#1	3112.6	37626.	3967.5	93.675	3469.5
#2	3103.8	37554.	3986.7	97.450	3466.0
#3	3108.3	37630.	3936.7	92.875	3481.7

Sample Name: PB116451BL Acquired: 1/17/2019 17:21:24 Type: Unk
Method: P4-ICP2(v2751) 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	-.00285	-.00038	-.00016	-.00330	-.00111	.00095	-.00335
Stddev	.00070	.00060	.00049	.00113	.00093	.00137	.00086
%RSD	24.720	158.96	304.62	34.154	83.788	144.39	25.621

#1	-.00204	-.00106	.00025	-.00459	-.00211	.00245	-.00248
#2	-.00314	-.00012	-.00003	-.00286	-.00097	-.00022	-.00419
#3	-.00335	.00005	-.00070	-.00246	-.00026	.00061	-.00337

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00011	.01329	-.00002	-.00028	-.00048	.01003
Stddev	.00004	.00008	.01580	.00061	.00011	.00016	.00985
%RSD	59.206	71.267	118.89	2484.8	40.950	33.798	98.171

#1	.00007	.00016	.02236	.00050	-.00015	-.00060	.00883
#2	.00002	.00016	.02246	.00012	-.00036	-.00055	.00084
#3	.00009	.00002	-.00495	-.00069	-.00032	-.00030	.02043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.01825	-.00036	.00129	-.01891	-.00021	-.00049
Stddev	.00002	.01580	.00030	.00019	.00551	.00036	.00005
%RSD	64.055	86.591	83.925	15.045	29.127	172.98	9.9519

#1	-.00001	-.00852	-.00043	.00148	-.01382	-.00038	-.00055
#2	-.00006	-.03647	-.00062	.00128	-.02476	-.00045	-.00047
#3	-.00004	-.00975	-.00003	.00110	-.01816	.00021	-.00045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15093	.00008	-.01584	F -.01574	.00223	-.00657	.00028
Stddev	.03462	.00018	.00298	.00173	.00186	.00036	.00165
%RSD	22.935	222.29	18.786	10.971	83.305	5.4650	584.61

#1	-.11689	.00018	-.01315	-.01704	.00410	-.00697	.00214
#2	-.14980	.00019	-.01903	-.01378	.00038	-.00646	-.00029
#3	-.18610	-.00013	-.01534	-.01639	.00221	-.00627	-.00100

Sample Name: PB116451BL Acquired: 1/17/2019 17:21:24 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01091	-.0008	-.00025	F 3.7224	F<.00000
Stddev	.00220	.0004	.00014	.1960	.90172
%RSD	20.161	57.71	54.276	5.2659	6.5982
#1	-.00984	-.0011	-.00040	3.8183	-12.930
#2	-.01345	-.0008	-.00012	3.4969	-13.397
#3	-.00946	-.0003	-.00024	3.8521	-14.672
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3263.5	40483.	4004.9	96.792	3876.3
Stddev	6.9	133.	24.3	1.553	7.5
%RSD	.21187	.32815	.60768	1.6040	.19400
#1	3268.4	40331.	4015.4	96.408	3878.6
#2	3255.6	40577.	3977.0	95.467	3867.9
#3	3266.6	40542.	4022.1	98.500	3882.4

Sample Name: PB116451BS Acquired: 1/17/2019 17:25:54 Type: Unk
Method: P4-ICP2(v2751) 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	.83748	2.1058	1.0661	2.0648	.85890	2.1980	.21330
Stddev	.00472	.0012	.0043	.0021	.00108	.0369	.00020
%RSD	.56371	.05857	.39943	.09927	.12517	1.6777	.09293

#1	.83944	2.1067	1.0611	2.0641	.85968	2.1561	.21339
#2	.83210	2.1064	1.0685	2.0632	.85768	2.2123	.21307
#3	.84091	2.1044	1.0685	2.0671	.85936	2.2255	.21343

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20573	.20358	1.1266	.45893	.21464	.34032	3.4921
Stddev	.00013	.00029	.0150	.00328	.00079	.00086	.0308
%RSD	.06149	.14440	1.3305	.71471	.36648	.25347	.88295

#1	.20560	.20345	1.1094	.45541	.21405	.33933	3.5187
#2	.20577	.20337	1.1331	.45947	.21433	.34087	3.4583
#3	.20584	.20391	1.1372	.46191	.21553	.34076	3.4994

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22700	2.0496	.52387	.08116	3.0576	.32372	.20934
Stddev	.00032	.0446	.00189	.00043	.0222	.00102	.00251
%RSD	.13959	2.1774	.36008	.53061	.72542	.31635	1.1982

#1	.22706	2.0561	.52199	.08075	3.0720	.32489	.21220
#2	.22728	2.0021	.52386	.08161	3.0321	.32330	.20749
#3	.22666	2.0906	.52577	.08113	3.0688	.32298	.20833

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.409	.44400	.30270	F -.01920	.94971	.74605	.22627
Stddev	.024	.00111	.01306	.00363	.00446	.00077	.00146
%RSD	.23401	.24956	4.3143	18.932	.46915	.10357	.64576

#1	10.380	.44394	.30621	-.01861	.95303	.74689	.22492
#2	10.423	.44292	.31365	-.02309	.95146	.74536	.22782
#3	10.423	.44513	.28825	-.01589	.94465	.74591	.22607

Sample Name: PB116451BS Acquired: 1/17/2019 17:25:54 Type: Unk
Method: P4-ICP2(v2751) 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	.20430	5.756	.21940	F 3.9364	F<.00000
Stddev	.00049	.004	.00059	.0851	1.1584
%RSD	.24131	.0602	.26787	2.1616	3.8977
#1	.20384	5.757	.21872	3.8604	-29.794
#2	.20424	5.758	.21973	3.9203	-30.839
#3	.20482	5.752	.21975	4.0283	-28.526
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3230.4	40416.	4022.7	97.014	3799.2
Stddev	8.7	138.	30.1	1.572	12.9
%RSD	.26947	.34021	.74814	1.6205	.33856
#1	3220.4	40509.	3989.7	95.200	3784.6
#2	3236.5	40481.	4030.0	97.983	3804.0
#3	3234.2	40258.	4048.6	97.858	3808.9

Sample Name: PB116451TB Acquired: 1/17/2019 17:30:00 Type: Unk
Method: P4-ICP2(v2751) 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	-.00626	-.00210	-.00110	-.00057	-.00388	.00932	-.00480	-.00007
Stddev	.00226	.00049	.00055	.00111	.00092	.01415	.00128	.00007
%RSD	36.191	23.526	50.050	196.86	23.699	151.86	26.732	96.349
#1	-.00486	-.00160	-.00173	-.00124	-.00376	.01042	-.00536	.00001
#2	-.00887	-.00211	-.00070	.00072	-.00302	.02288	-.00572	-.00010
#3	-.00504	-.00259	-.00088	-.00118	-.00485	-.00535	-.00334	-.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.01237	.00088	-.00025	-.00125	.01678	-.00023	.04145
Stddev	.00011	.01407	.00009	.00012	.00020	.00795	.00008	.07253
%RSD	162.75	113.78	10.523	47.281	16.123	47.375	34.386	174.96
#1	-.00002	-.00340	.00098	-.00013	-.00102	.01313	-.00028	-.01466
#2	-.00020	.01685	.00080	-.00037	-.00140	.02591	-.00027	.12335
#3	.00001	.02365	.00085	-.00025	-.00134	.01131	-.00014	.01567
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00159	.00353	F 260.55	.00011	.00404	-.14730	.00008	-.00423
Stddev	.00043	.00008	1.65	.00030	.00012	.03458	.00022	.00160
%RSD	27.211	2.4048	.63343	273.38	2.8818	23.478	271.25	37.727
#1	.00119	.00352	259.87	.00024	.00417	-.13613	-.00004	-.00416
#2	.00154	.00345	259.35	-.00023	.00402	-.18609	-.00005	-.00586
#3	.00205	.00362	262.43	.00032	.00394	-.11968	.00034	-.00267
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00854	.00697	-.00649	.00028	-.00887	-.0021	-.00019	4.6733
Stddev	.00359	.00130	.00021	.00245	.00059	.0017	.00003	.0806
%RSD	42.071	18.618	3.2302	871.19	6.6320	80.80	15.054	1.7254
#1	-.00472	.00551	-.00672	-.00033	-.00945	-.0020	-.00017	4.6406
#2	-.01186	.00740	-.00643	-.00181	-.00890	-.0037	-.00018	4.7652
#3	-.00904	.00800	-.00631	.00298	-.00827	-.0004	-.00022	4.6142

Sample Name: PB116451TB Acquired: 1/17/2019 17:30:00 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.97895
%RSD	12.393

#1	-8.0977
#2	-6.8360
#3	-8.7634

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3101.9	37563.	3963.0	96.153	3474.7
Stddev	9.8	83.	26.7	1.260	12.9
%RSD	.31591	.22022	.67419	1.3103	.37091

#1	3093.0	37654.	3958.9	94.858	3461.9
#2	3112.4	37541.	3991.6	97.375	3487.7
#3	3100.2	37493.	3938.6	96.225	3474.5

Sample Name: PB116448BL Acquired: 1/17/2019 17:34:37 Type: Unk
Method: P4-ICP2(v2751) 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	-.00442	-.00109	-.00134	-.00200	-.00111	-.02031	-.00251
Stddev	.00178	.00152	.00157	.00207	.00039	.00958	.00024
%RSD	40.201	139.65	117.32	103.43	34.744	47.192	9.6637

#1	-.00606	-.00135	-.00199	-.00438	-.00151	-.01434	-.00227
#2	-.00253	-.00246	.00045	-.00058	-.00074	-.01522	-.00249
#3	-.00466	.00054	-.00249	-.00105	-.00109	-.03136	-.00276

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00011	.00927	.00009	.00000	-.00077	.01968
Stddev	.00003	.00011	.01010	.00050	.00027	.00047	.00948
%RSD	81.558	101.57	108.99	554.23	5890.3	61.073	48.157

#1	.00006	.00000	.01821	.00038	-.00006	-.00027	.00905
#2	.00006	.00010	-.00169	-.00049	-.00023	-.00121	.02275
#3	.00000	.00022	.01130	.00038	.00030	-.00083	.02725

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00002	-.00068	.00151	.01088	.00028	-.00067
Stddev	.00001	.02846	.00025	.00072	.01193	.00042	.00004
%RSD	18.173	156050.	37.365	47.594	109.56	150.55	5.9078

#1	-.00004	-.03212	-.00041	.00223	.00635	-.00008	-.00067
#2	-.00006	.01017	-.00091	.00150	.00189	.00075	-.00064
#3	-.00005	.02201	-.00072	.00079	.02441	.00018	-.00072

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.21025	.00008	-.00795	F -.01412	.00158	-.00750	.00050
Stddev	.02257	.00029	.00290	.00087	.00235	.00026	.00111
%RSD	10.733	376.00	36.440	6.1351	148.74	3.5298	223.63

#1	-.20148	-.00009	-.00931	-.01316	.00022	-.00745	-.00077
#2	-.19339	.00042	-.00992	-.01436	.00022	-.00779	.00100
#3	-.23589	-.00009	-.00463	-.01485	.00430	-.00727	.00126

Sample Name: PB116448BL Acquired: 1/17/2019 17:34:37 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00780	-0.0017	-0.00025	F 3.7673	F<.00000
Stddev	.00038	.0010	.00008	.0816	1.2345
%RSD	4.8494	59.06	29.895	2.1667	9.2122

#1	-0.00761	-0.0014	-0.00019	3.6920	-12.001
#2	-0.00824	-0.0028	-0.00024	3.7558	-14.336
#3	-0.00756	-0.0009	-0.00034	3.8540	-13.864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3275.0	40302.	4038.2	98.247	3882.3
Stddev	2.2	52.	21.8	.679	4.1
%RSD	.06838	.12994	.53917	.69150	.10684

#1	3274.6	40279.	4019.3	97.558	3877.6
#2	3272.9	40362.	4062.0	98.917	3885.4
#3	3277.4	40265.	4033.3	98.267	3883.8

Sample Name: PB116448BS Acquired: 1/17/2019 17:39:05 Type: Unk
Method: P4-ICP2(v2751) 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	.83069	2.0883	1.0611	2.0409	.85192	2.1872	.21262
Stddev	.00200	.0057	.0033	.0014	.00159	.0132	.00095
%RSD	.24122	.27463	.31035	.07019	.18700	.60138	.44813

#1	.82880	2.0829	1.0577	2.0411	.85025	2.1982	.21280
#2	.83046	2.0877	1.0643	2.0394	.85208	2.1726	.21348
#3	.83279	2.0944	1.0613	2.0422	.85343	2.1906	.21159

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20386	.20233	1.1451	.45626	.21286	.33853	3.5061
Stddev	.00072	.00061	.0095	.00143	.00064	.00134	.0557
%RSD	.35284	.29998	.82630	.31245	.29876	.39643	1.5890

#1	.20438	.20197	1.1409	.45772	.21238	.33824	3.4556
#2	.20304	.20198	1.1385	.45487	.21262	.33736	3.5659
#3	.20415	.20303	1.1560	.45620	.21358	.34000	3.4968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22594	2.0946	.52179	.08069	3.0609	.32428	.21199
Stddev	.00062	.0655	.00201	.00078	.0116	.00099	.00276
%RSD	.27405	3.1252	.38444	.96628	.37725	.30470	1.3042

#1	.22655	2.0990	.52014	.08156	3.0652	.32541	.21023
#2	.22596	2.0270	.52121	.08005	3.0697	.32384	.21517
#3	.22531	2.1577	.52402	.08047	3.0478	.32359	.21056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.322	.44143	.30513	F -.01974	.95378	.74030	.22883
Stddev	.014	.00176	.01776	.00438	.00839	.00321	.00311
%RSD	.13787	.39899	5.8190	22.206	.87947	.43358	1.3578

#1	10.316	.44109	.30925	-.02337	.94588	.73746	.22886
#2	10.338	.43987	.28568	-.02097	.96258	.73965	.23192
#3	10.311	.44334	.32046	-.01487	.95288	.74378	.22571

Sample Name: PB116448BS Acquired: 1/17/2019 17:39:05 Type: Unk
 Method: P4-ICP2(v2751) 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	.20308	5.707	.21841	F 3.7901	F<.00000
Stddev	.00175	.011	.00044	.1621	.17494
%RSD	.85982	.1978	.19952	4.2767	.61949
#1	.20178	5.710	.21821	3.9666	-28.039
#2	.20240	5.695	.21812	3.6478	-28.359
#3	.20507	5.717	.21891	3.7558	-28.320
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3232.8	40370.	3979.2	95.222	3803.5
Stddev	.5	227.	5.0	1.495	5.4
%RSD	.01608	.56225	.12544	1.5698	.14232
#1	3232.6	40108.	3980.1	95.983	3802.4
#2	3232.5	40497.	3973.9	93.500	3798.8
#3	3233.4	40505.	3983.7	96.183	3809.4

Sample Name: PB116456BL Acquired: 1/17/2019 17:43:11 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: PB116456BL

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	-.00106	-.00065	-.00365	-.00074	-.00206	-.00255
Stddev	.00190	.00051	.00082	.00130	.00028	.02001	.00140
%RSD	399.50	48.364	127.32	35.535	38.212	972.75	54.878

#1	-.00262	-.00149	-.00132	-.00216	-.00092	-.00384	-.00416
#2	.00099	-.00119	.00027	-.00454	-.00042	-.02111	-.00177
#3	.00021	-.00049	-.00088	-.00424	-.00090	.01879	-.00171

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00017	.00594	.00006	-.00022	-.00026	.01445
Stddev	.00002	.00006	.00883	.00010	.00008	.00036	.00485
%RSD	14.457	35.031	148.55	161.38	36.565	139.95	33.580

#1	.00010	.00020	.01609	.00010	-.00017	.00016	.00964
#2	.00013	.00010	.00003	-.00005	-.00018	-.00051	.01437
#3	.00011	.00021	.00171	.00014	-.00031	-.00042	.01934

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.00873	-.00059	.00135	-.08998	-.00050	-.00054
Stddev	.00007	.04797	.00013	.00056	.01281	.00036	.00009
%RSD	44.643	549.67	21.258	41.221	14.241	71.189	16.415

#1	-.00016	.04137	-.00056	.00200	-.10421	-.00082	-.00063
#2	-.00023	.03116	-.00073	.00102	-.07935	-.00057	-.00045
#3	-.00009	-.04635	-.00048	.00104	-.08638	-.00012	-.00054

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.25491	.00008	-.00826	F -.01648	.00277	-.00699	.00171
Stddev	.02431	.00013	.00647	.00192	.00292	.00052	.00157
%RSD	9.5373	157.43	78.338	11.632	105.52	7.4659	91.579

#1	-.26988	.00008	-.01195	-.01460	-.00021	-.00652	.00206
#2	-.22686	.00022	-.01204	-.01843	.00288	-.00755	.00308
#3	-.26799	-.00005	-.00079	-.01640	.00563	-.00691	-.00000

Sample Name: PB116456BL Acquired: 1/17/2019 17:43:11 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: PB116456BL

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01589	-.0026	-.00023	F 3.9539	F<.00000
Stddev	.00092	.0003	.00015	.1394	.58154
%RSD	5.8054	12.67	66.457	3.5264	4.2610

#1	-.01486	-.0030	-.00012	4.0497	-13.557
#2	-.01664	-.0024	-.00040	4.0180	-13.117
#3	-.01616	-.0024	-.00016	3.7939	-14.270

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3262.2	40160.	3990.2	98.378	3865.4
Stddev	8.4	190.	14.0	1.353	6.1
%RSD	.25753	.47261	.35004	1.3754	.15761

#1	3271.8	39990.	4006.2	99.675	3868.3
#2	3258.5	40124.	3983.9	96.975	3858.4
#3	3256.3	40365.	3980.5	98.483	3869.5

Sample Name: PB116456BS Acquired: 1/17/2019 17:47:38 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: PB116456

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83817	2.1115	1.0704	2.0626	.85908	2.1974	.21445
Stddev	.00302	.0131	.0062	.0141	.00624	.0163	.00210
%RSD	.36061	.62038	.57785	.68574	.72598	.74321	.97735
#1	.84067	2.1212	1.0749	2.0699	.86598	2.1822	.21408
#2	.83481	2.0966	1.0633	2.0463	.85385	2.2147	.21256
#3	.83903	2.1167	1.0728	2.0717	.85741	2.1955	.21671
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20645	.20412	1.1528	.46238	.21479	.34116	3.5869
Stddev	.00023	.00119	.0071	.00084	.00149	.00069	.0503
%RSD	.10918	.58306	.61394	.18160	.69431	.20215	1.4031
#1	.20629	.20516	1.1573	.46326	.21581	.34193	3.5739
#2	.20636	.20282	1.1446	.46229	.21307	.34060	3.6424
#3	.20671	.20437	1.1563	.46159	.21548	.34096	3.5443
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22890	2.1221	.52660	.08184	3.0585	.32675	.21443
Stddev	.00108	.0396	.00313	.00070	.0204	.00010	.00303
%RSD	.46978	1.8668	.59487	.86009	.66858	.03102	1.4117
#1	.22766	2.1202	.52912	.08164	3.0512	.32683	.21718
#2	.22955	2.0835	.52309	.08263	3.0427	.32664	.21492
#3	.22949	2.1627	.52759	.08126	3.0816	.32678	.21118
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.434	.44509	.29586	F -.02174	.97213	.74748	.22984
Stddev	.037	.00269	.01166	.00221	.00229	.00739	.00294
%RSD	.35841	.60521	3.9396	10.187	.23519	.98896	1.2775
#1	10.395	.44769	.28731	-.02299	.96954	.75251	.22972
#2	10.438	.44231	.29114	-.01918	.97296	.73900	.23283
#3	10.469	.44525	.30914	-.02305	.97388	.75094	.22696

Sample Name: PB116456BS Acquired: 1/17/2019 17:47:38 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment: PB116456

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20465	5.774	.22086	F 3.9241	F<.00000
Stddev	.00126	.043	.00080	.0698	.81271
%RSD	.61749	.7448	.36205	1.7776	2.6290
#1	.20339	5.791	.22023	3.9766	-30.210
#2	.20464	5.725	.22059	3.9508	-30.728
#3	.20592	5.805	.22176	3.8450	-31.803
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3229.2	40218.	3974.0	94.892	3794.0
Stddev	10.5	18.	1.1	1.457	18.5
%RSD	.32488	.04572	.02844	1.5356	.48859
#1	3217.4	40203.	3975.3	93.858	3775.2
#2	3237.3	40239.	3973.4	94.258	3812.3
#3	3233.0	40212.	3973.3	96.558	3794.4

Sample Name: CCV05 Acquired: 1/17/2019 17:51:45 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0587	4.9369	5.0736	5.0135	5.0655	10.397	9.4011
Stddev	.0098	.0146	.0074	.0196	.0064	.091	.0187
%RSD	.19377	.29471	.14621	.39029	.12550	.87678	.19921

#1	5.0589	4.9230	5.0667	4.9946	5.0590	10.464	9.4012
#2	5.0685	4.9358	5.0815	5.0337	5.0717	10.293	9.4198
#3	5.0489	4.9520	5.0727	5.0123	5.0657	10.433	9.3824

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25137	2.4638	24.522	1.0299	2.4414	1.2491	5.2893
Stddev	.00078	.0027	.072	.0031	.0029	.0048	.0440
%RSD	.30988	.10924	.29187	.30418	.11987	.38070	.83094

#1	.25068	2.4608	24.474	1.0324	2.4399	1.2478	5.2847
#2	.25221	2.4660	24.489	1.0264	2.4448	1.2544	5.2477
#3	.25123	2.4646	24.604	1.0310	2.4396	1.2451	5.3353

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5135	23.200	2.4085	1.3408	22.522	2.4083	2.4506
Stddev	.0007	.049	.0020	.0038	.037	.0058	.0055
%RSD	.02826	.20910	.08250	.28066	.16421	.23935	.22574

#1	2.5138	23.256	2.4075	1.3432	22.481	2.4036	2.4461
#2	2.5140	23.174	2.4108	1.3427	22.535	2.4147	2.4568
#3	2.5127	23.170	2.4072	1.3365	22.551	2.4065	2.4490

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.977	4.8781	4.6800	4.6566	4.7022	5.0269	5.0100
Stddev	.081	.0100	.0216	.0250	.0127	.0123	.0173
%RSD	.35170	.20474	.46122	.53595	.27039	.24385	.34609

#1	22.885	4.8740	4.6553	4.6279	4.6903	5.0129	5.0168
#2	23.007	4.8895	4.6899	4.6735	4.7156	5.0354	4.9903
#3	23.038	4.8708	4.6949	4.6684	4.7008	5.0325	5.0230

Sample Name: CCV05 Acquired: 1/17/2019 17:51:45 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.6739	4.962	5.0147	4.9495	F<.00000
Stddev	.0144	.007	.0319	.0692	.20756
%RSD	.30817	.1339	.63650	1.3983	1.5066
#1	4.6575	4.956	4.9791	5.0291	-13.558
#2	4.6846	4.969	5.0409	4.9036	-13.800
#3	4.6796	4.962	5.0240	4.9158	-13.972
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3148.9	38238.	3978.2	92.315	3478.3
Stddev	5.0	83.	16.3	.164	2.5
%RSD	.16017	.21651	.41025	.17726	.07155
#1	3151.9	38157.	3988.1	92.392	3480.4
#2	3143.0	38236.	3959.3	92.127	3475.6
#3	3151.6	38322.	3987.1	92.425	3479.1

Sample Name: CCB05 Acquired: 1/17/2019 17:55:44 Type: Unk
Method: P4-ICP2(v2751) 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	-.00084	-.00052	.00137	-.00011	-.00136	-.01678	-.00322
Stddev	.00079	.00097	.00122	.00117	.00068	.00620	.00056
%RSD	94.269	186.63	88.811	1029.3	49.901	36.938	17.361

#1	-.00173	-.00088	.00258	.00120	-.00072	-.02318	-.00290
#2	-.00022	-.00125	.00139	-.00050	-.00129	-.01080	-.00290
#3	-.00056	.00058	.00014	-.00104	-.00208	-.01637	-.00387

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00012	.02375	-.00002	-.00021	-.00038	.01156
Stddev	.00004	.00007	.00356	.00011	.00017	.00021	.00232
%RSD	114.38	60.994	14.983	540.00	83.144	54.993	20.038

#1	.00008	.00018	.02051	-.00010	-.00006	-.00023	.01415
#2	.00005	.00013	.02756	.00010	-.00016	-.00062	.00968
#3	-.00001	.00004	.02319	-.00006	-.00040	-.00029	.01085

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.00246	-.00065	.00176	-.09920	.00003	-.00038
Stddev	.00004	.02242	.00025	.00093	.00829	.00053	.00001
%RSD	27.786	912.06	39.200	52.785	8.3534	2035.6	2.8865

#1	-.00010	.01045	-.00049	.00089	-.09028	.00047	-.00037
#2	-.00017	-.02835	-.00051	.00165	-.10065	-.00055	-.00038
#3	-.00016	.01053	-.00094	.00274	-.10667	.00016	-.00040

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.24541	.00029	-.00666	F -.01454	.00368	-.00568	.00011
Stddev	.02317	.00010	.00684	.00219	.00139	.00021	.00127
%RSD	9.4405	33.138	102.71	15.048	37.651	3.6808	1186.1

#1	-.23096	.00039	-.00740	-.01203	.00395	-.00554	.00149
#2	-.27214	.00020	-.01311	-.01604	.00218	-.00592	-.00100
#3	-.23314	.00029	.00052	-.01554	.00492	-.00558	-.00017

Sample Name: CCB05 Acquired: 1/17/2019 17:55:44 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01302	-.0020	-.00013	F 3.7419	F<.00000
Stddev	.00266	.0014	.00012	.0256	.95987
%RSD	20.472	72.61	94.909	.68517	5.9366
#1	-.01559	-.0016	-.00024	3.7611	-17.145
#2	-.01027	-.0008	-.00000	3.7518	-16.134
#3	-.01318	-.0036	-.00013	3.7128	-15.226
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3262.2	40340.	3998.2	96.756	3865.6
Stddev	11.6	77.	4.4	.554	1.7
%RSD	.35484	.19110	.10978	.57275	.04375
#1	3248.8	40252.	3998.1	97.308	3863.8
#2	3269.7	40371.	4002.6	96.200	3866.0
#3	3268.0	40397.	3993.8	96.758	3867.1

Sample Name: K1148-01 Acquired: 1/17/2019 18:01:20 Type: Unk
Method: P4-ICP2(v2751) 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	-.00240	.00050	.00111	-.00119	.00006	.02558	-.00202
Stddev	.00194	.00058	.00080	.00277	.00014	.00921	.00093
%RSD	80.791	116.74	72.037	232.47	236.82	36.014	45.813

#1	-.00058	.00093	.00186	.00156	.00020	.02417	-.00190
#2	-.00443	-.00016	.00121	-.00397	-.00008	.03541	-.00300
#3	-.00218	.00073	.00027	-.00116	.00005	.01715	-.00116

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00002	15.896	.00285	-.00038	.00139	.03495
Stddev	.00002	.00001	.039	.00030	.00019	.00026	.00659
%RSD	35.246	50.639	.24638	10.700	48.702	18.942	18.846

#1	.00003	.00001	15.873	.00260	-.00045	.00170	.03314
#2	.00007	.00003	15.941	.00319	-.00017	.00127	.02946
#3	.00006	.00002	15.874	.00275	-.00053	.00121	.04226

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	2.2192	-.00013	.00067	2.6038	.00289	.01965
Stddev	.00003	.0059	.00039	.00039	.0182	.00003	.00025
%RSD	9.1784	.26448	287.21	59.327	.69991	1.0342	1.2914

#1	.00030	2.2253	-.00013	.00080	2.5965	.00288	.01962
#2	.00036	2.2136	.00025	.00022	2.5903	.00292	.01941
#3	.00034	2.2187	-.00052	.00098	2.6245	.00287	.01991

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8749	.00118	.03335	.97645	4.5369	-.00568	.00051
Stddev	.0371	.00013	.00782	.00955	.0447	.00083	.00164
%RSD	1.2891	10.769	23.442	.97764	.98598	14.589	319.45

#1	2.9175	.00105	.03878	.98666	4.5418	-.00541	-.00008
#2	2.8569	.00130	.02439	.97493	4.4899	-.00661	-.00074
#3	2.8503	.00120	.03688	.96775	4.5790	-.00502	.00237

Sample Name: K1148-01 Acquired: 1/17/2019 18:01:20 Type: Unk
 Method: P4-ICP2(v2751) 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	-.01251	.0427	.07462	4.0570	F<.00000
Stddev	.00080	.0004	.00045	.0875	1.0496
%RSD	6.4250	.9328	.60624	2.1560	8.1954

#1	-.01206	.0431	.07511	3.9829	-12.795
#2	-.01344	.0423	.07422	4.1535	-11.764
#3	-.01204	.0428	.07454	4.0346	-13.863

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3235.1	39935.	3996.8	94.242	3817.6
Stddev	7.9	73.	25.6	1.041	3.1
%RSD	.24331	.18402	.64077	1.1049	.08125

#1	3227.4	39907.	3976.1	93.942	3814.7
#2	3243.1	40019.	4025.5	95.400	3820.9
#3	3234.8	39880.	3988.8	93.383	3817.3

Sample Name: K1148-01DUP Acquired: 1/17/2019 18:05:45 Type: Unk
Method: P4-ICP2(v2751) 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	-.00084	-.00100	.00173	-.00144	-.00021	.02283	-.00265
Stddev	.00154	.00118	.00172	.00351	.00069	.00498	.00038
%RSD	184.30	117.27	99.603	244.35	329.24	21.825	14.429

#1	-.00050	-.00011	-.00011	.00033	.00005	.02525	-.00228
#2	-.00252	-.00234	.00198	.00084	.00031	.01710	-.00304
#3	.00051	-.00056	.00331	-.00548	-.00099	.02614	-.00264

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00005	15.936	.00223	-.00033	.00146	.02508
Stddev	.00004	.00006	.035	.00034	.00011	.00017	.00521
%RSD	85.279	118.54	.21966	15.337	33.781	11.632	20.785

#1	.00000	.00008	15.947	.00247	-.00030	.00138	.03110
#2	.00009	.00008	15.898	.00184	-.00024	.00166	.02208
#3	.00006	-.00002	15.965	.00240	-.00046	.00135	.02206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	2.2336	.00037	.00035	2.6599	.00265	.01962
Stddev	.00007	.0495	.00036	.00009	.0287	.00072	.00026
%RSD	19.517	2.2174	97.475	24.898	1.0806	27.345	1.3368

#1	.00044	2.2020	.00000	.00043	2.6665	.00207	.01988
#2	.00035	2.2081	.00038	.00037	2.6285	.00346	.01963
#3	.00030	2.2907	.00072	.00026	2.6848	.00242	.01936

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8702	.00114	.03347	.97337	4.5602	-.00631	.00340
Stddev	.0363	.00020	.00958	.00568	.0225	.00020	.00090
%RSD	1.2641	17.152	28.631	.58380	.49242	3.2351	26.558

#1	2.8296	.00120	.03364	.97906	4.5499	-.00629	.00420
#2	2.8815	.00130	.04297	.97335	4.5859	-.00612	.00242
#3	2.8995	.00092	.02381	.96770	4.5447	-.00653	.00357

Sample Name: K1148-01DUP Acquired: 1/17/2019 18:05:45 Type: Unk
Method: P4-ICP2(v2751) 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	-.01242	.0445	.07478	4.0436	F<.00000
Stddev	.00163	.0016	.00043	.2666	1.0391
%RSD	13.140	3.608	.56997	6.5941	6.9078

#1	-.01059	.0432	.07518	4.3439	-16.038
#2	-.01295	.0440	.07434	3.8346	-15.126
#3	-.01372	.0463	.07483	3.9523	-13.964

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3228.2	40111.	3967.5	94.761	3819.8
Stddev	4.8	350.	13.1	1.099	5.0
%RSD	.14816	.87297	.33037	1.1596	.13162

#1	3233.0	39725.	3952.5	93.975	3822.4
#2	3228.2	40197.	3973.4	94.292	3814.0
#3	3223.5	40410.	3976.6	96.017	3823.0

Sample Name: K1148-01LX5 Acquired: 1/17/2019 18:10:13 Type: Unk
Method: P4-ICP2(v2751) 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	-.00173	-.00087	-.00115	-.00266	-.00102	.00366	-.00422
Stddev	.00178	.00049	.00065	.00135	.00164	.00941	.00036
%RSD	102.91	56.249	56.058	50.711	160.00	257.39	8.6034

#1	-.00296	-.00073	-.00065	-.00116	-.00290	.01332	-.00455
#2	-.00254	-.00141	-.00092	-.00378	.00015	-.00548	-.00383
#3	.00031	-.00046	-.00188	-.00305	-.00032	.00313	-.00428

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00003	3.3060	.00076	-.00002	-.00053	.01407
Stddev	.00001	.00005	.0182	.00024	.00014	.00021	.01415
%RSD	20.194	151.31	.54955	31.652	697.69	39.858	100.58

#1	.00004	-.00001	3.3231	.00100	-.00018	-.00061	.00231
#2	.00003	.00002	3.3078	.00052	.00005	-.00029	.02978
#3	.00002	.00009	3.2869	.00077	.00007	-.00069	.01012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.44320	-.00016	.00076	.45562	.00030	.00365
Stddev	.00005	.04443	.00007	.00100	.00746	.00036	.00012
%RSD	137.83	10.026	43.840	130.79	1.6384	122.18	3.2380

#1	-.00006	.40043	-.00022	.00165	.46386	.00036	.00378
#2	-.00007	.44004	-.00008	-.00032	.44930	.00063	.00356
#3	.00002	.48913	-.00018	.00095	.45371	-.00009	.00360

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36725	.00037	-.00071	.19467	.97901	-.00712	.00264
Stddev	.01907	.00017	.00201	.00058	.00803	.00052	.00354
%RSD	5.1930	47.167	284.14	.30049	.82011	7.2716	134.23

#1	.34737	.00057	-.00237	.19529	.97028	-.00764	.00522
#2	.38539	.00027	-.00127	.19413	.98608	-.00710	.00410
#3	.36901	.00026	.00152	.19457	.98068	-.00661	-.00140

Sample Name: K1148-01LX5 Acquired: 1/17/2019 18:10:13 Type: Unk
Method: P4-ICP2(v2751) 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	-.01335	.0079	.01517	3.5208	F<.00000
Stddev	.00154	.0002	.00017	.0969	.68247
%RSD	11.523	2.233	1.1220	2.7535	4.0957

#1	-.01505	.0079	.01503	3.6313	-17.224
#2	-.01206	.0078	.01511	3.4500	-15.903
#3	-.01294	.0081	.01536	3.4811	-16.862

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3288.6	41038.	4025.1	97.767	3902.0
Stddev	8.9	148.	8.7	2.612	15.8
%RSD	.27140	.36097	.21676	2.6712	.40519

#1	3292.0	40885.	4018.7	95.308	3920.3
#2	3295.3	41048.	4035.0	100.51	3892.5
#3	3278.5	41181.	4021.5	97.483	3893.2

Sample Name: K1148-01MS Acquired: 1/17/2019 18:14:42 Type: Unk
Method: P4-ICP2(v2751) 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	.77998	1.9428	.99050	1.9071	.86561	2.0814	.19666
Stddev	.00617	.0043	.00259	.0073	.00691	.0321	.00058
%RSD	.79145	.22014	.26160	.38313	.79776	1.5402	.29733

#1	.78619	1.9444	.99236	1.9150	.87359	2.0467	.19681
#2	.77385	1.9379	.98754	1.9006	.86166	2.1099	.19715
#3	.77990	1.9460	.99160	1.9058	.86159	2.0876	.19601

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19280	.18815	17.169	.42474	.19614	.31502	3.2321
Stddev	.00047	.00060	.081	.00105	.00063	.00143	.0641
%RSD	.24250	.32058	.47140	.24612	.31879	.45266	1.9830

#1	.19277	.18844	17.093	.42382	.19684	.31558	3.1629
#2	.19328	.18746	17.254	.42587	.19595	.31340	3.2440
#3	.19235	.18855	17.161	.42452	.19563	.31608	3.2894

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21010	4.2232	.47994	.07539	5.4856	.30483	.21426
Stddev	.00053	.0350	.00146	.00099	.0651	.00130	.00026
%RSD	.25036	.82879	.30440	1.3070	1.1866	.42727	.12339

#1	.21011	4.1828	.48130	.07575	5.5117	.30569	.21419
#2	.21061	4.2430	.47839	.07427	5.5335	.30547	.21403
#3	.20956	4.2439	.48012	.07614	5.4115	.30333	.21455

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.641	.44620	.32816	.99121	5.4439	.75732	.22739
Stddev	.044	.00157	.01133	.00243	.0688	.00097	.00501
%RSD	.34918	.35204	3.4522	.24528	1.2638	.12867	2.2031

#1	12.620	.44798	.32068	.99142	5.5051	.75724	.22609
#2	12.692	.44500	.34119	.98868	5.4571	.75638	.23293
#3	12.612	.44563	.32260	.99353	5.3694	.75833	.22317

Sample Name: K1148-01MS Acquired: 1/17/2019 18:14:42 Type: Unk
Method: P4-ICP2(v2751) 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	.18676	5.528	.27777	4.0399	F<.00000
Stddev	.00128	.002	.00102	.0669	.54189
%RSD	.68465	.0375	.36590	1.6570	1.9439
#1	.18806	5.529	.27833	3.9631	-27.266
#2	.18550	5.526	.27839	4.0715	-28.062
#3	.18673	5.530	.27660	4.0853	-28.301
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3220.5	39891.	3982.5	96.751	3750.1
Stddev	9.1	102.	57.0	.352	5.0
%RSD	.28236	.25506	1.4307	.36411	.13204
#1	3213.5	39973.	3936.3	96.911	3747.8
#2	3217.2	39777.	3965.1	96.347	3746.8
#3	3230.7	39924.	4046.2	96.995	3755.8

Sample Name: K1148-01MSD Acquired: 1/17/2019 18:18:50 Type: Unk
Method: P4-ICP2(v2751) 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	.78109	1.9409	.99169	1.9096	.86163	2.0513	.19872
Stddev	.00422	.0016	.00261	.0035	.00200	.0153	.00101
%RSD	.54045	.08308	.26300	.18322	.23213	.74490	.50686

#1	.77762	1.9391	.99024	1.9108	.85944	2.0340	.19967
#2	.77985	1.9423	.99014	1.9056	.86210	2.0569	.19767
#3	.78579	1.9414	.99471	1.9123	.86335	2.0629	.19883

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19267	.18814	17.181	.42610	.19627	.31283	3.2935
Stddev	.00020	.00040	.055	.00059	.00106	.00090	.0288
%RSD	.10545	.21450	.31808	.13780	.53828	.28796	.87336

#1	.19276	.18768	17.162	.42563	.19624	.31361	3.2742
#2	.19281	.18829	17.139	.42676	.19523	.31184	3.3266
#3	.19244	.18845	17.243	.42590	.19734	.31303	3.2798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21023	4.1608	.48001	.07589	5.5015	.30627	.21993
Stddev	.00044	.0352	.00039	.00042	.0223	.00163	.00072
%RSD	.20875	.84501	.08030	.55221	.40469	.53313	.32842

#1	.21056	4.1202	.48043	.07542	5.5234	.30554	.22072
#2	.20973	4.1818	.47991	.07624	5.5022	.30814	.21979
#3	.21039	4.1803	.47968	.07600	5.4789	.30513	.21929

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.740	.44514	.33048	.99873	5.5051	.75515	.22529
Stddev	.031	.00074	.01366	.00674	.0235	.00174	.00133
%RSD	.23986	.16649	4.1337	.67512	.42653	.23009	.58934

#1	12.740	.44435	.34166	.99096	5.5268	.75315	.22558
#2	12.709	.44522	.33453	1.0029	5.5084	.75623	.22384
#3	12.770	.44583	.31525	1.0023	5.4802	.75608	.22645

Sample Name: K1148-01MSD Acquired: 1/17/2019 18:18:50 Type: Unk
Method: P4-ICP2(v2751) 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	.18124	5.525	.27680	4.0547	F<.00000
Stddev	.00070	.004	.00094	.0371	1.4062
%RSD	.38787	.0803	.33879	.91421	4.9012
#1	.18205	5.521	.27787	4.0804	-27.128
#2	.18089	5.529	.27615	4.0715	-29.090
#3	.18078	5.524	.27637	4.0122	-29.854
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3228.9	40080.	3948.8	94.637	3753.1
Stddev	4.5	43.	22.1	.733	8.8
%RSD	.13891	.10678	.56005	.77410	.23579
#1	3228.7	40082.	3925.3	93.919	3749.2
#2	3224.5	40036.	3951.9	94.610	3746.8
#3	3233.4	40122.	3969.2	95.383	3763.2

Sample Name: K1148-01A Acquired: 1/17/2019 18:22:59 Type: Unk
Method: P4-ICP2(v2751) 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	.78220	1.9367	.98718	1.9090	.86196	2.0633	.19853
Stddev	.00377	.0198	.00546	.0044	.00413	.0282	.00062
%RSD	.48149	1.0201	.55282	.23149	.47921	1.3667	.31062

#1	.78352	1.9280	.98427	1.9080	.85746	2.0565	.19844
#2	.78513	1.9593	.99348	1.9139	.86284	2.0391	.19918
#3	.77795	1.9228	.98379	1.9052	.86558	2.0943	.19796

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19281	.18749	17.234	.42268	.19481	.31342	3.2801
Stddev	.00029	.00118	.066	.00066	.00167	.00062	.0371
%RSD	.15072	.63064	.38104	.15702	.85534	.19867	1.1319

#1	.19306	.18689	17.178	.42208	.19320	.31270	3.3080
#2	.19288	.18885	17.219	.42339	.19652	.31374	3.2379
#3	.19249	.18673	17.306	.42258	.19469	.31382	3.2944

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20975	4.2606	.47797	.07527	5.4893	.30509	.21790
Stddev	.00051	.0278	.00427	.00021	.0586	.00111	.00500
%RSD	.24273	.65158	.89367	.28200	1.0669	.36517	2.2927

#1	.21031	4.2863	.47704	.07552	5.5166	.30582	.22307
#2	.20961	4.2312	.48262	.07515	5.5293	.30564	.21753
#3	.20932	4.2643	.47423	.07515	5.4221	.30381	.21310

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.671	.44767	.32887	.99627	5.4343	.75112	.22748
Stddev	.058	.00165	.01549	.01035	.0772	.00277	.00131
%RSD	.46029	.36807	4.7111	1.0385	1.4215	.36848	.57435

#1	12.605	.44592	.32665	.98947	5.4921	.74805	.22772
#2	12.714	.44919	.34535	1.0082	5.4643	.75342	.22607
#3	12.694	.44789	.31460	.99116	5.3466	.75189	.22864

Sample Name: K1148-01A Acquired: 1/17/2019 18:22:59 Type: Unk
Method: P4-ICP2(v2751) 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	.18639	5.518	.27753	3.7723	F<.00000
Stddev	.00201	.039	.00058	.0653	2.5683
%RSD	1.0766	.7060	.20821	1.7313	9.1240

#1	.18408	5.505	.27807	3.7216	-25.403
#2	.18774	5.562	.27692	3.7492	-30.491
#3	.18734	5.487	.27761	3.8460	-28.552

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3222.7	40125.	3972.8	95.230	3766.7
Stddev	1.2	14.	53.0	2.062	17.9
%RSD	.03850	.03436	1.3346	2.1653	.47649

#1	3222.5	40117.	3937.7	93.133	3775.7
#2	3221.6	40140.	3946.9	95.301	3746.0
#3	3224.1	40117.	4033.8	97.256	3778.4

Sample Name: K1148-04 Acquired: 1/17/2019 18:27:07 Type: Unk
Method: P4-ICP2(v2751) 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	-.00505	-.00164	.00121	.00053	.00089	.04594	-.00220
Stddev	.00217	.00166	.00102	.00327	.00131	.01834	.00138
%RSD	43.029	101.37	84.573	611.74	147.29	39.916	62.980

#1	-.00325	-.00126	.00238	-.00300	.00239	.06263	-.00273
#2	-.00445	-.00345	.00055	.00114	-.00006	.04887	-.00323
#3	-.00747	-.00020	.00068	.00346	.00035	.02631	-.00063

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00001	22.301	.04746	-.00027	.00358	.27766
Stddev	.00008	.00007	.187	.00039	.00012	.00025	.00740
%RSD	146.54	615.51	.84063	.82376	45.234	7.0900	2.6633

#1	.00003	-.00008	22.150	.04780	-.00027	.00387	.27420
#2	.00014	.00006	22.243	.04754	-.00015	.00340	.27263
#3	-.00001	-.00001	22.511	.04703	-.00039	.00346	.28615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00261	2.9746	.00251	.00123	3.1917	.00282	.02835
Stddev	.00003	.0646	.00027	.00034	.0085	.00061	.00031
%RSD	.98915	2.1702	10.741	27.527	.26747	21.517	1.1078

#1	.00259	3.0383	.00279	.00161	3.1821	.00241	.02809
#2	.00264	2.9092	.00251	.00113	3.1985	.00254	.02827
#3	.00262	2.9765	.00225	.00096	3.1945	.00352	.02870

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3936	.00135	.04675	1.1235	5.2315	-.00699	.00230
Stddev	.0457	.00015	.00626	.0041	.0346	.00025	.00138
%RSD	1.9087	11.012	13.398	.36640	.66192	3.6099	60.184

#1	2.3444	.00151	.03956	1.1188	5.2418	-.00672	.00108
#2	2.4347	.00133	.04961	1.1261	5.1929	-.00721	.00380
#3	2.4016	.00122	.05106	1.1257	5.2599	-.00704	.00200

Sample Name: K1148-04 Acquired: 1/17/2019 18:27:07 Type: Unk
Method: P4-ICP2(v2751) 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	-.01460	.0414	.10285	3.8004	F<.00000
Stddev	.00149	.0009	.00106	.0767	2.1535
%RSD	10.211	2.060	1.0288	2.0171	13.608

#1	-.01348	.0411	.10194	3.7489	-13.668
#2	-.01402	.0408	.10260	3.8885	-15.835
#3	-.01629	.0424	.10401	3.7638	-17.975

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3240.3	40396.	4037.6	95.558	3826.0
Stddev	11.4	155.	23.2	1.080	4.5
%RSD	.35043	.38273	.57413	1.1298	.11771

#1	3241.1	40318.	4028.7	96.550	3827.7
#2	3228.6	40297.	4063.9	95.717	3820.9
#3	3251.3	40575.	4020.3	94.408	3829.4

Sample Name: K1153-02 Acquired: 1/17/2019 18:31:34 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00734	-.00308	.00734	-.00058	-.00190	.10379	.16983
Stddev	.00043	.00057	.00089	.00405	.00150	.00496	.00127
%RSD	5.8928	18.423	12.120	701.82	79.025	4.7820	.74841

#1	-.00781	-.00372	.00825	-.00281	-.00354	.10734	.16930
#2	-.00726	-.00289	.00728	-.00302	-.00159	.09812	.16891
#3	-.00696	-.00263	.00648	.00410	-.00058	.10590	.17128

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00031	22.844	.00044	.00053	.00785	.02716
Stddev	.00006	.00008	.167	.00028	.00028	.00029	.00963
%RSD	40.579	24.865	.73193	64.983	52.283	3.7334	35.478

#1	.00018	.00027	22.782	.00036	.00046	.00756	.01651
#2	.00018	.00040	22.718	.00020	.00084	.00815	.03529
#3	.00008	.00026	23.034	.00075	.00030	.00785	.02966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38972	1.0316	.00360	.00192	423.85	-.00095	.03746
Stddev	.00066	.0826	.00064	.00048	1.73	.00058	.00059
%RSD	.17048	8.0113	17.875	24.952	.40771	60.573	1.5745

#1	.39048	.96158	.00371	.00241	425.02	-.00034	.03717
#2	.38938	1.1228	.00291	.00145	421.86	-.00103	.03708
#3	.38929	1.0104	.00418	.00190	424.66	-.00148	.03814

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24583	.00047	.01646	.24866	.68405	-.00467	.00247
Stddev	.03785	.00022	.01408	.00021	.00455	.00123	.00118
%RSD	15.396	45.967	85.585	.08342	.66552	26.377	47.586

#1	.26032	.00050	.01077	.24890	.68930	-.00485	.00303
#2	.20288	.00024	.03249	.24851	.68158	-.00336	.00112
#3	.27429	.00067	.00611	.24857	.68126	-.00580	.00327

Sample Name: K1153-02 Acquired: 1/17/2019 18:31:34 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.01446	.0163	.07763	4.9791	F<.00000
Stddev	.00356	.0038	.00044	.2228	2.0177
%RSD	24.633	23.26	.56579	4.4749	35.990

#1	-.01340	.0202	.07712	5.0101	-7.9180
#2	-.01844	.0127	.07792	5.1848	-4.2000
#3	-.01155	.0158	.07784	4.7424	-4.7007

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3102.6	36978.	3968.4	94.089	3396.3
Stddev	7.7	293.	13.4	1.595	3.5
%RSD	.24845	.79356	.33656	1.6957	.10164

#1	3096.1	36729.	3958.9	94.717	3392.3
#2	3111.1	36903.	3983.7	95.275	3398.6
#3	3100.5	37301.	3962.6	92.275	3397.9

Sample Name: K1153-02DUP Acquired: 1/17/2019 18:36:09 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00563	-.00308	.00816	-.00512	-.00106	.09629	.17169
Stddev	.00332	.00171	.00050	.00125	.00093	.00438	.00122
%RSD	58.977	55.591	6.1546	24.360	88.465	4.5504	.70842

#1	-.00293	-.00336	.00774	-.00400	-.00047	.10134	.17163
#2	-.00934	-.00463	.00871	-.00489	-.00213	.09405	.17051
#3	-.00462	-.00124	.00802	-.00647	-.00057	.09348	.17294

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.00022	23.024	.00081	.00048	.00835	.02525
Stddev	.00006	.00005	.038	.00060	.00034	.00019	.01124
%RSD	21.126	20.941	.16517	74.508	71.152	2.2669	44.501

#1	.00026	.00028	23.056	.00066	.00080	.00814	.03382
#2	.00032	.00019	22.982	.00147	.00051	.00851	.01253
#3	.00021	.00021	23.034	.00029	.00012	.00838	.02940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39241	1.0388	.00344	.00254	424.19	-.00085	.03818
Stddev	.00137	.0508	.00060	.00024	3.63	.00060	.00024
%RSD	.34867	4.8930	17.567	9.3101	.85518	70.586	.61966

#1	.39103	.98301	.00347	.00269	428.29	-.00095	.03793
#2	.39244	1.0508	.00282	.00266	421.40	-.00021	.03820
#3	.39376	1.0825	.00403	.00227	422.88	-.00140	.03840

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24466	.00069	.00116	.25703	.68486	-.00512	.00120
Stddev	.04355	.00036	.00635	.00426	.01120	.00039	.00269
%RSD	17.798	52.299	549.13	1.6583	1.6356	7.5996	223.38

#1	.22462	.00096	-.00154	.26195	.68490	-.00555	-.00081
#2	.21475	.00085	-.00340	.25452	.67363	-.00501	.00425
#3	.29462	.00028	.00842	.25462	.69604	-.00480	.00017

Sample Name: K1153-02DUP Acquired: 1/17/2019 18:36:09 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00461	.0170	.07878	5.0533	F<.00000
Stddev	.00124	.0010	.00014	.0227	2.0638
%RSD	26.870	5.615	.18317	.44997	22.046

#1	-.00548	.0163	.07868	5.0752	-7.9889
#2	-.00515	.0181	.07895	5.0298	-8.3596
#3	-.00319	.0167	.07872	5.0550	-11.734

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3030.4	36520.	3925.2	92.811	3299.2
Stddev	17.7	44.	29.0	.793	11.1
%RSD	.58485	.11970	.73951	.85428	.33648

#1	3040.5	36547.	3914.2	92.642	3308.3
#2	3040.6	36543.	3958.1	93.675	3302.4
#3	3009.9	36469.	3903.2	92.117	3286.8

Sample Name: K1153-02LX5 Acquired: 1/17/2019 18:40:43 Type: Unk
Method: P4-ICP2(v2751) 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	-.00384	-.00236	.00175	-.00398	-.00259	.01352	.03454
Stddev	.00080	.00142	.00085	.00260	.00218	.00808	.00101
%RSD	20.776	60.351	48.579	65.458	83.987	59.767	2.9244

#1	-.00360	-.00169	.00169	-.00134	-.00312	.01801	.03540
#2	-.00474	-.00139	.00094	-.00654	-.00446	.00419	.03480
#3	-.00320	-.00400	.00263	-.00405	-.00020	.01836	.03343

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00002	4.8702	.00026	-.00026	.00183	.00666
Stddev	.00005	.00002	.0102	.00039	.00036	.00028	.00569
%RSD	66.589	129.87	.20948	152.94	141.20	15.026	85.521

#1	.00011	-.00001	4.8632	.00059	-.00006	.00215	.00271
#2	.00011	.00002	4.8654	.00036	-.00003	.00163	.01319
#3	.00002	.00003	4.8819	-.00018	-.00068	.00173	.00408

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08322	.22326	-.00065	.00236	91.822	-.00015	.00764
Stddev	.00063	.02252	.00015	.00012	.274	.00023	.00021
%RSD	.75578	10.087	22.795	5.2239	.29875	160.82	2.7409

#1	.08254	.20073	-.00048	.00221	92.071	-.00026	.00777
#2	.08378	.22328	-.00077	.00242	91.528	.00012	.00740
#3	.08333	.24576	-.00069	.00243	91.867	-.00030	.00774

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.19360	.00030	-.00405	.03899	.15528	-.00751	.00061
Stddev	.03983	.00026	.00473	.00479	.00157	.00011	.00073
%RSD	20.571	85.535	116.90	12.283	1.0125	1.4301	119.68

#1	-.14984	.00005	-.00872	.03973	.15662	-.00748	.00142
#2	-.22771	.00029	.00074	.04336	.15568	-.00763	.00000
#3	-.20326	.00056	-.00416	.03387	.15355	-.00742	.00041

Sample Name: K1153-02LX5 Acquired: 1/17/2019 18:40:43 Type: Unk
Method: P4-ICP2(v2751) 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	-.00598	.0013	.01622	4.6192	F<.00000
Stddev	.00067	.0021	.00013	.0703	1.1075
%RSD	11.257	153.6	.78433	1.5231	8.7056

#1	-.00606	.0030	.01609	4.5893	-11.749
#2	-.00660	-.0010	.01623	4.5688	-13.927
#3	-.00526	.0020	.01635	4.6996	-12.489

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3102.3	37657.	3840.2	93.089	3520.7
Stddev	7.5	123.	18.3	1.643	7.0
%RSD	.24292	.32541	.47604	1.7651	.19923

#1	3094.4	37795.	3823.9	92.569	3516.3
#2	3103.1	37612.	3836.8	94.929	3516.9
#3	3109.4	37562.	3860.0	91.768	3528.7

Sample Name: CCV06 Acquired: 1/17/2019 18:45:11 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14481 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1304	5.0228	5.1810	5.0780	5.1429	10.415	9.7323
Stddev	.0195	.0145	.0069	.0278	.0120	.139	.0399
%RSD	.38052	.28892	.13338	.54718	.23317	1.3390	.40968

#1	5.1470	5.0275	5.1765	5.1061	5.1556	10.281	9.7303
#2	5.1352	5.0344	5.1890	5.0774	5.1414	10.560	9.6935
#3	5.1089	5.0065	5.1776	5.0506	5.1317	10.404	9.7731

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25487	2.5209	25.117	1.0347	2.4894	1.2723	5.3480
Stddev	.00018	.0018	.099	.0028	.0025	.0023	.0582
%RSD	.07003	.06931	.39415	.27096	.10113	.17728	1.0885

#1	.25473	2.5198	25.060	1.0330	2.4866	1.2749	5.2892
#2	.25480	2.5230	25.060	1.0379	2.4915	1.2706	5.4056
#3	.25507	2.5201	25.231	1.0331	2.4901	1.2715	5.3490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5493	23.904	2.4602	1.3473	23.290	2.4547	2.5344
Stddev	.0041	.155	.0010	.0029	.094	.0029	.0193
%RSD	.16223	.65009	.03908	.21650	.40329	.11734	.76061

#1	2.5500	23.725	2.4598	1.3493	23.306	2.4529	2.5327
#2	2.5531	23.999	2.4613	1.3487	23.189	2.4580	2.5545
#3	2.5449	23.989	2.4596	1.3440	23.374	2.4532	2.5161

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.826	4.9673	4.7685	4.7550	4.7954	5.1350	5.1289
Stddev	.082	.0090	.0595	.0115	.0190	.0029	.0179
%RSD	.34222	.18080	1.2481	.24195	.39714	.05630	.34912

#1	23.804	4.9776	4.7013	4.7599	4.8067	5.1334	5.1106
#2	23.758	4.9619	4.7894	4.7633	4.7734	5.1384	5.1295
#3	23.916	4.9622	4.8147	4.7419	4.8060	5.1333	5.1464

Sample Name: CCV06 Acquired: 1/17/2019 18:45:11 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14481 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8075	5.066	5.0980	4.7751	F<.00000
Stddev	.0207	.009	.0326	.0563	2.2551
%RSD	.42957	.1670	.63851	1.1799	13.555
#1	4.8130	5.076	5.1065	4.7848	-17.379
#2	4.7847	5.063	5.0621	4.8260	-14.104
#3	4.8248	5.059	5.1255	4.7146	-18.427
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3107.7	37887.	3843.9	90.402	3420.6
Stddev	3.0	105.	17.5	.532	2.5
%RSD	.09560	.27670	.45452	.58820	.07271
#1	3104.3	37955.	3833.6	90.505	3423.1
#2	3109.6	37766.	3864.0	89.827	3420.5
#3	3109.2	37941.	3833.9	90.875	3418.1

Sample Name: CCB06 Acquired: 1/17/2019 18:49:11 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14481 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00176	-.00048	.00024	-.00306	-.00024	-.00600	-.00271
Stddev	.00176	.00195	.00104	.00065	.00104	.03253	.00030
%RSD	99.683	408.30	425.08	21.152	430.52	542.51	10.894

#1	-.00039	.00163	.00144	-.00238	-.00089	-.00026	-.00245
#2	-.00375	-.00084	-.00037	-.00367	.00096	-.04101	-.00303
#3	-.00116	-.00222	-.00034	-.00314	-.00079	.02328	-.00266

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00012	.02040	.00044	-.00010	-.00034	.01793
Stddev	.00001	.00005	.01392	.00060	.00017	.00017	.00414
%RSD	16.864	43.344	68.245	134.26	164.65	51.661	23.087

#1	.00008	.00018	.01920	.00112	.00004	-.00053	.02256
#2	.00010	.00007	.03489	.00001	-.00005	-.00020	.01458
#3	.00008	.00013	.00712	.00020	-.00029	-.00028	.01665

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.00459	-.00081	.00127	-.00210	.00039	-.00042
Stddev	.00005	.01960	.00014	.00044	.01249	.00023	.00008
%RSD	32.923	427.18	17.772	34.396	593.96	58.030	18.686

#1	-.00012	.02505	-.00078	.00081	-.01147	.00015	-.00035
#2	-.00020	.00274	-.00068	.00168	-.00691	.00059	-.00050
#3	-.00011	-.01403	-.00096	.00133	.01207	.00044	-.00040

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.37189	.00034	.00090	F -.01411	.00353	-.00565	-.00030
Stddev	.05621	.00039	.00575	.00189	.00139	.00081	.00064
%RSD	15.116	115.52	639.39	13.384	39.382	14.259	216.49

#1	-.30825	.00040	.00730	-.01470	.00293	-.00474	.00041
#2	-.39262	.00070	-.00079	-.01564	.00254	-.00594	-.00085
#3	-.41479	-.00008	-.00381	-.01200	.00512	-.00627	-.00044

Sample Name: CCB06 Acquired: 1/17/2019 18:49:11 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14481 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00910	-0.0024	-0.00025	F 4.0990	F<.00000
Stddev	.00276	.0010	.00002	.1314	1.8430
%RSD	30.388	41.31	6.7124	3.2057	12.610

#1	-0.01224	-0.0029	-0.00025	4.2368	-13.563
#2	-0.00802	-0.0031	-0.00024	3.9752	-13.540
#3	-0.00703	-0.0013	-0.00027	4.0849	-16.743

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3207.5	39552.	3866.1	93.953	3800.5
Stddev	8.8	105.	22.9	3.330	13.3
%RSD	.27302	.26444	.59159	3.5439	.34870

#1	3200.5	39447.	3881.0	92.217	3789.6
#2	3204.6	39656.	3877.5	97.792	3796.8
#3	3217.3	39555.	3839.8	91.850	3815.3

Sample Name: K1153-02MS Acquired: 1/17/2019 18:53:39 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88481	2.0646	1.1040	2.2208	.87657	2.4536	.38512
Stddev	.00312	.0062	.0015	.0137	.00324	.0097	.00311
%RSD	.35273	.29936	.13295	.61867	.36928	.39366	.80684

#1	.88839	2.0575	1.1025	2.2163	.87426	2.4459	.38713
#2	.88336	2.0677	1.1054	2.2362	.88027	2.4504	.38668
#3	.88267	2.0686	1.1041	2.2099	.87518	2.4645	.38154

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22522	.21905	23.959	.46285	.22053	.33857	3.5204
Stddev	.00054	.00023	.044	.00160	.00020	.00111	.0126
%RSD	.23983	.10324	.18290	.34484	.08847	.32650	.35889

#1	.22462	.21895	23.929	.46117	.22054	.33973	3.5113
#2	.22568	.21890	23.940	.46435	.22034	.33752	3.5348
#3	.22535	.21931	24.009	.46304	.22073	.33845	3.5150

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61269	3.1244	.54357	.08625	423.84	.33852	.25235
Stddev	.00121	.0189	.00086	.00019	2.51	.00152	.00277
%RSD	.19757	.60456	.15786	.22127	.59213	.44815	1.0969

#1	.61131	3.1449	.54294	.08647	425.18	.33721	.25324
#2	.61316	3.1077	.54455	.08615	425.40	.33817	.25456
#3	.61359	3.1206	.54321	.08613	420.94	.34018	.24924

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.918	.44464	.32741	.23883	1.6151	.78845	.23463
Stddev	.048	.00227	.02161	.00523	.0055	.00243	.00310
%RSD	.44135	.51135	6.6010	2.1911	.34224	.30823	1.3193

#1	10.941	.44533	.35031	.23301	1.6096	.78986	.23433
#2	10.950	.44649	.32455	.24316	1.6206	.78564	.23786
#3	10.863	.44210	.30737	.24033	1.6151	.78984	.23169

Sample Name: K1153-02MS Acquired: 1/17/2019 18:53:39 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20646	6.741	.29448	5.3035	F<.00000
Stddev	.00304	.017	.00091	.0218	1.8699
%RSD	1.4728	.2527	.30861	.41156	7.5499
#1	.20323	6.724	.29371	5.3175	-26.921
#2	.20689	6.742	.29548	5.3146	-23.813
#3	.20927	6.758	.29424	5.2783	-23.565
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3011.7	35962.	3816.5	90.737	3277.1
Stddev	14.5	25.	13.2	.953	11.9
%RSD	.47993	.06892	.34490	1.0502	.36303
#1	2995.9	35934.	3802.2	90.047	3266.2
#2	3014.6	35980.	3819.1	90.340	3289.8
#3	3024.4	35972.	3828.2	91.825	3275.4

Sample Name: K1153-02MSD Acquired: 1/17/2019 18:57:55 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88735	2.0579	1.0976	2.2181	.87586	2.4347	.38432
Stddev	.00689	.0041	.0020	.0163	.00779	.0150	.00172
%RSD	.77673	.20092	.18143	.73676	.88927	.61614	.44704

#1	.88402	2.0604	1.0963	2.2281	.88346	2.4474	.38270
#2	.89527	2.0602	1.0966	2.2269	.87620	2.4181	.38612
#3	.88275	2.0531	1.0999	2.1992	.86790	2.4385	.38413

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22404	.21819	24.006	.46278	.21980	.33828	3.5185
Stddev	.00019	.00027	.081	.00080	.00039	.00191	.0726
%RSD	.08388	.12300	.33942	.17288	.17795	.56493	2.0630

#1	.22399	.21848	23.924	.46242	.21970	.33800	3.5871
#2	.22425	.21795	24.006	.46222	.22024	.34031	3.5259
#3	.22389	.21814	24.087	.46369	.21948	.33652	3.4425

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61099	3.0320	.54127	.08663	421.80	.33639	.25102
Stddev	.00090	.0845	.00059	.00142	3.13	.00059	.00476
%RSD	.14786	2.7879	.10905	1.6412	.74090	.17666	1.8966

#1	.61182	2.9709	.54180	.08774	418.23	.33653	.25309
#2	.61113	3.1285	.54138	.08502	424.05	.33690	.25439
#3	.61003	2.9966	.54064	.08712	423.11	.33573	.24557

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.869	.44565	.32436	.24249	1.6317	.78495	.23091
Stddev	.061	.00190	.01798	.00292	.0089	.00217	.00131
%RSD	.56014	.42621	5.5446	1.2024	.54626	.27587	.56604

#1	10.802	.44711	.31203	.23917	1.6244	.78724	.23149
#2	10.922	.44633	.31605	.24465	1.6416	.78294	.23184
#3	10.881	.44350	.34499	.24364	1.6290	.78467	.22942

Sample Name: K1153-02MSD Acquired: 1/17/2019 18:57:55 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200044-RB Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21154	6.712	.29483	5.2872	F<.00000
Stddev	.00144	.012	.00054	.0935	.68955
%RSD	.68304	.1725	.18162	1.7694	3.2623
#1	.21020	6.725	.29465	5.3932	-20.423
#2	.21134	6.705	.29543	5.2161	-21.799
#3	.21307	6.706	.29441	5.2524	-21.189
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3006.2	36090.	3818.9	91.425	3291.2
Stddev	12.2	96.	18.0	1.674	6.9
%RSD	.40603	.26623	.47095	1.8314	.20877
#1	2997.6	36000.	3831.4	90.442	3284.1
#2	3000.8	36078.	3798.3	90.475	3297.8
#3	3020.2	36191.	3827.0	93.358	3291.6

Sample Name: K1153-02A Acquired: 1/17/2019 19:02:11 Type: Unk
Method: P4-ICP2(v2751) 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	.84530	1.9698	1.0510	2.1175	.83570	2.4281	.38360
Stddev	.03995	.0895	.0465	.0932	.04151	.0205	.00351
%RSD	4.7259	4.5449	4.4236	4.4017	4.9669	.84587	.91514

#1	.88807	2.0555	1.0963	2.2109	.87947	2.4077	.38765
#2	.83887	1.9768	1.0533	2.1171	.83072	2.4488	.38178
#3	.80896	1.8769	1.0034	2.0245	.79690	2.4277	.38138

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22283	.20865	23.979	.45955	.21013	.32398	3.4834
Stddev	.00038	.00921	.089	.00255	.00936	.01399	.0112
%RSD	.17187	4.4145	.37110	.55498	4.4559	4.3196	.32102

#1	.22241	.21762	23.903	.46032	.21912	.33868	3.4826
#2	.22290	.20912	23.957	.45670	.21082	.32246	3.4727
#3	.22317	.19922	24.077	.46162	.20044	.31081	3.4950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60958	3.1833	.51825	.08427	424.25	.33498	.24789
Stddev	.00068	.0395	.02196	.00076	2.05	.00042	.00281
%RSD	.11133	1.2418	4.2368	.89655	.48308	.12398	1.1347

#1	.60968	3.1583	.54017	.08478	426.33	.33466	.25096
#2	.60886	3.2289	.51830	.08341	424.20	.33545	.24728
#3	.61020	3.1627	.49626	.08463	422.23	.33483	.24544

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.867	.42739	.32778	.22351	1.6224	.75071	.23386
Stddev	.058	.01963	.00874	.00875	.0118	.03442	.00151
%RSD	.53811	4.5930	2.6664	3.9131	.72886	4.5855	.64504

#1	10.827	.44799	.32446	.23056	1.6351	.78312	.23212
#2	10.840	.42528	.33770	.22624	1.6117	.75443	.23486
#3	10.934	.40890	.32119	.21372	1.6204	.71458	.23459

Sample Name: K1153-02A Acquired: 1/17/2019 19:02:11 Type: Unk
Method: P4-ICP2(v2751) 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	.21130	6.412	.29452	5.1076	F<.00000
Stddev	.00137	.303	.00026	.0817	4.1808
%RSD	.64730	4.723	.08755	1.5987	18.850

#1	.21035	6.704	.29431	5.0800	-26.875
#2	.21070	6.433	.29445	5.0434	-20.805
#3	.21287	6.100	.29481	5.1995	-18.859

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3120.7	36282.	3810.3	91.714	3420.3
Stddev	111.6	43.	18.2	.388	122.3
%RSD	3.5744	.11745	.47857	.42328	3.5759

#1	3007.3	36268.	3797.4	91.267	3303.3
#2	3124.6	36330.	3831.1	91.966	3410.4
#3	3230.3	36249.	3802.3	91.908	3547.3

Sample Name: K1156-14 Acquired: 1/17/2019 19:06:26 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01180	-.00393	.12327	-.00232	-.00062	.04363	.17013
Stddev	.00068	.00169	.00059	.00200	.00171	.01166	.00148
%RSD	5.7687	42.895	.47692	86.434	275.05	26.729	.87006

#1	-.01219	-.00568	.12395	-.00117	-.00235	.04311	.16933
#2	-.01102	-.00232	.12292	-.00116	.00106	.03224	.16923
#3	-.01220	-.00379	.12294	-.00463	-.00057	.05554	.17184

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00298	198.24	.00099	.00654	.01871	.01997
Stddev	.00007	.00013	1.09	.00033	.00014	.00036	.01080
%RSD	57.418	4.5177	.54987	32.885	2.1419	1.9009	54.057

#1	.00020	.00301	197.19	.00100	.00647	.01898	.02864
#2	.00007	.00309	198.17	.00066	.00670	.01831	.02340
#3	.00010	.00283	199.37	.00131	.00644	.01885	.00788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85345	3.9048	.01384	.00199	413.22	-.00123	.34821
Stddev	.00271	.0649	.00028	.00017	4.60	.00103	.00794
%RSD	.31759	1.6618	2.0076	8.5191	1.1139	83.782	2.2800

#1	.85151	3.8537	.01375	.00180	408.09	-.00176	.33932
#2	.85229	3.8830	.01415	.00205	416.99	-.00189	.35073
#3	.85655	3.9778	.01361	.00212	414.58	-.00004	.35459

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2309	.00170	.03305	5.6946	6.7251	-.00616	-.00279
Stddev	.0125	.00025	.00488	.0117	.0040	.00075	.00167
%RSD	.38626	14.745	14.773	.20602	.05929	12.198	59.968

#1	3.2199	.00170	.03340	5.6845	6.7258	-.00562	-.00241
#2	3.2285	.00196	.03774	5.6917	6.7208	-.00701	-.00134
#3	3.2445	.00146	.02800	5.7075	6.7287	-.00584	-.00462

Sample Name: K1156-14 Acquired: 1/17/2019 19:06:26 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01093	.0059	.54309	5.6763	F<.00000
Stddev	.00234	.0005	.00168	.0684	3.2396
%RSD	21.444	8.741	.30858	1.2049	33.149

#1	.00825	.0056	.54261	5.6925	-11.631
#2	.01195	.0055	.54170	5.6012	-6.0321
#3	.01260	.0064	.54495	5.7351	-11.656

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2910.8	34921.	3753.9	91.361	3172.1
Stddev	6.3	155.	11.2	2.118	.9
%RSD	.21620	.44283	.29823	2.3187	.02934

#1	2915.8	34973.	3761.3	93.746	3171.7
#2	2903.7	35042.	3759.4	90.638	3171.4
#3	2912.9	34747.	3741.0	89.698	3173.1

Sample Name: K1156-16 Acquired: 1/17/2019 19:10:58 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01050	-.00250	.07064	-.00174	-.00102	.24501	.21354
Stddev	.00245	.00153	.00102	.00154	.00267	.01603	.00069
%RSD	23.317	61.289	1.4492	88.871	263.14	6.5442	.32213

#1	-.01167	-.00100	.07112	-.00350	.00092	.25913	.21416
#2	-.00768	-.00406	.07134	-.00066	.00010	.24831	.21280
#3	-.01213	-.00243	.06946	-.00105	-.00406	.22758	.21366

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.00149	121.70	.00287	.01331	.02268	.14345
Stddev	.00011	.00010	.48	.00041	.00018	.00004	.00982
%RSD	58.295	6.6754	.39452	14.430	1.3273	.15557	6.8447

#1	.00009	.00157	121.63	.00275	.01311	.02272	.14662
#2	.00017	.00138	121.25	.00333	.01342	.02266	.15130
#3	.00031	.00152	122.20	.00253	.01341	.02266	.13244

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1259	6.5113	.01502	.00179	461.95	-.00259	.34746
Stddev	.0013	.0628	.00038	.00041	4.05	.00071	.00263
%RSD	.11652	.96364	2.5028	23.173	.87618	27.314	.75661

#1	1.1249	6.5095	.01534	.00155	465.68	-.00337	.34879
#2	1.1254	6.4495	.01461	.00226	457.65	-.00200	.34444
#3	1.1274	6.5750	.01512	.00154	462.51	-.00239	.34916

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5654	.00096	.01822	3.4021	6.3126	-.00545	.00062
Stddev	.0446	.00035	.01334	.0054	.0451	.00088	.00175
%RSD	1.7397	36.721	73.220	.15892	.71437	16.083	284.00

#1	2.5302	.00056	.00441	3.3961	6.3587	-.00533	-.00118
#2	2.5503	.00123	.03103	3.4067	6.2686	-.00638	.00233
#3	2.6156	.00109	.01922	3.4034	6.3104	-.00464	.00071

Sample Name: K1156-16 Acquired: 1/17/2019 19:10:58 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-7 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00590	.0026	.30439	5.5232	F<.00000
Stddev	.00208	.0014	.00033	.1231	.67989
%RSD	35.220	51.44	.10949	2.2284	7.7041

#1	.00420	.0023	.30420	5.3890	-8.1962
#2	.00822	.0015	.30477	5.6309	-8.7325
#3	.00529	.0041	.30419	5.5498	-9.5465

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2934.2	35115.	3791.4	92.114	3168.7
Stddev	7.3	89.	20.7	.622	10.7
%RSD	.24829	.25339	.54534	.67552	.33871

#1	2931.0	35205.	3768.1	91.539	3162.8
#2	2929.1	35028.	3807.4	92.774	3162.2
#3	2942.6	35112.	3798.7	92.028	3181.1

Sample Name: K1156-18 Acquired: 1/17/2019 19:15:30 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01363	-.00346	.01640	-.00272	-.00144	.03242	.15475
Stddev	.00269	.00138	.00055	.00242	.00179	.00689	.00165
%RSD	19.765	39.801	3.3801	88.705	123.73	21.239	1.0687

#1	-.01056	-.00253	.01693	-.00311	-.00005	.03892	.15506
#2	-.01558	-.00280	.01582	-.00014	-.00346	.02520	.15296
#3	-.01477	-.00504	.01645	-.00492	-.00083	.03315	.15623

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00070	222.10	.00223	.00309	.00553	-.03326
Stddev	.00003	.00011	2.15	.00022	.00043	.00008	.00748
%RSD	53.212	16.246	.96864	9.6798	13.882	1.4531	22.481

#1	.00006	.00071	219.62	.00219	.00315	.00553	-.03252
#2	.00007	.00080	223.32	.00203	.00349	.00561	-.02618
#3	.00002	.00058	223.36	.00246	.00264	.00545	-.04108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37878	3.2007	.00616	.00146	449.97	.00044	.07782
Stddev	.00157	.0671	.00074	.00009	2.79	.00018	.00137
%RSD	.41477	2.0958	12.052	6.2613	.62035	40.314	1.7648

#1	.38059	3.2025	.00702	.00138	449.56	.00051	.07874
#2	.37798	3.1327	.00568	.00146	447.40	.00024	.07849
#3	.37778	3.2669	.00579	.00156	452.94	.00057	.07624

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8819	.00131	.02577	3.6720	5.7700	-.00532	-.00620
Stddev	.0479	.00016	.00870	.0200	.0395	.00059	.00183
%RSD	1.6616	12.169	33.752	.54350	.68507	11.039	29.547

#1	2.9363	.00148	.02888	3.6647	5.7373	-.00467	-.00408
#2	2.8460	.00129	.03250	3.6566	5.7588	-.00547	-.00717
#3	2.8636	.00117	.01595	3.6945	5.8139	-.00582	-.00733

Sample Name: K1156-18 Acquired: 1/17/2019 19:15:30 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-9 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01091	.0109	.66877	5.6184	F<.00000
Stddev	.00156	.0016	.00414	.1464	2.0267
%RSD	14.338	15.07	.61935	2.6054	27.154

#1	.01055	.0117	.66413	5.6680	-5.7612
#2	.00956	.0090	.67208	5.7335	-6.9246
#3	.01263	.0121	.67012	5.4536	-9.7055

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2892.8	34871.	3762.6	90.237	3140.8
Stddev	8.0	98.	20.4	1.630	1.8
%RSD	.27679	.28157	.54335	1.8057	.05854

#1	2884.8	34793.	3783.0	89.407	3142.6
#2	2893.0	34839.	3762.7	89.191	3138.9
#3	2900.8	34981.	3742.2	92.115	3141.0

Sample Name: K1157-15 Acquired: 1/17/2019 19:20:03 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-01-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00377	-.00191	.10462	-.00250	-.00066	.59902	.08849
Stddev	.00124	.00042	.00051	.00393	.00208	.00726	.00057
%RSD	32.767	21.746	.49152	157.18	316.78	1.2112	.64264

#1	-.00519	-.00175	.10429	.00164	.00164	.59485	.08908
#2	-.00294	-.00238	.10521	-.00297	-.00243	.60740	.08844
#3	-.00318	-.00160	.10436	-.00618	-.00119	.59481	.08795

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00029	1.4419	.00143	-.00024	.00273	.38165
Stddev	.00007	.00010	.0337	.00016	.00013	.00030	.01287
%RSD	171.03	34.454	2.3369	11.424	53.006	11.070	3.3718

#1	.00001	.00027	1.4796	.00146	-.00012	.00261	.37876
#2	.00012	.00040	1.4148	.00125	-.00023	.00250	.37047
#3	-.00000	.00021	1.4313	.00157	-.00037	.00307	.39571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00375	.18760	.00049	.00260	282.19	.00095	.08589
Stddev	.00005	.03414	.00015	.00021	1.41	.00029	.00069
%RSD	1.2847	18.199	30.921	8.0508	.50093	30.447	.80760

#1	.00380	.17126	.00043	.00262	280.55	.00085	.08593
#2	.00372	.16471	.00067	.00238	283.03	.00072	.08518
#3	.00371	.22685	.00038	.00280	282.97	.00127	.08657

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03628	.00062	.00831	.07826	.65633	-.00605	.01990
Stddev	.02607	.00013	.01479	.00374	.01203	.00053	.00265
%RSD	71.862	20.429	177.95	4.7735	1.8325	8.7691	13.304

#1	.06170	.00072	-.00862	.07499	.64582	-.00592	.01864
#2	.00960	.00067	.01483	.07745	.65373	-.00560	.02295
#3	.03753	.00048	.01873	.08233	.66945	-.00663	.01812

Sample Name: K1157-15 Acquired: 1/17/2019 19:20:03 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-01-011519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00672	.0315	.00872	4.9303	F<.00000
Stddev	.00114	.0016	.00013	.0368	4.2448
%RSD	16.977	5.029	1.4929	.74661	35.238

#1	-.00604	.0297	.00863	4.9393	-16.904
#2	-.00607	.0326	.00887	4.9618	-9.0537
#3	-.00803	.0322	.00866	4.8898	-10.180

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3041.8	36658.	3812.7	92.161	3370.9
Stddev	16.8	33.	11.1	.655	17.1
%RSD	.55106	.08926	.29216	.71108	.50764

#1	3034.9	36627.	3825.4	91.967	3355.4
#2	3029.5	36692.	3804.6	92.892	3368.0
#3	3060.9	36654.	3808.0	91.625	3389.3

Sample Name: K1157-17 Acquired: 1/17/2019 19:24:39 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-02-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00464	-.00221	.02320	-.00123	-.00092	.75937	.12289
Stddev	.00395	.00077	.00055	.00497	.00186	.01816	.00076
%RSD	85.157	34.934	2.3651	403.26	203.05	2.3918	.61793

#1	-.00918	-.00219	.02329	-.00686	-.00305	.76947	.12251
#2	-.00272	-.00299	.02261	.00254	-.00009	.73840	.12240
#3	-.00201	-.00145	.02370	.00063	.00039	.77024	.12377

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00028	2.4309	.00157	-.00024	.00436	.41187
Stddev	.00006	.00007	.0358	.00016	.00018	.00031	.03151
%RSD	309.68	24.840	1.4734	10.076	74.739	7.0904	7.6497

#1	.00009	.00025	2.4192	.00144	-.00004	.00458	.38974
#2	-.00000	.00036	2.4711	.00153	-.00028	.00449	.39793
#3	-.00003	.00023	2.4024	.00175	-.00040	.00401	.44794

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00434	.37503	-.00076	.00229	271.92	.00129	.05359
Stddev	.00009	.03194	.00027	.00019	2.80	.00045	.00050
%RSD	2.0107	8.5167	35.902	8.2673	1.0307	34.595	.92846

#1	.00428	.40814	-.00053	.00208	271.02	.00180	.05305
#2	.00444	.34440	-.00068	.00244	275.07	.00110	.05402
#3	.00430	.37255	-.00106	.00235	269.68	.00097	.05371

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06121	.00058	.00304	.10256	.82115	-.00629	.02874
Stddev	.00337	.00032	.00732	.00489	.00871	.00076	.00037
%RSD	5.4983	55.705	240.78	4.7645	1.0611	12.022	1.2728

#1	.05899	.00036	.00031	.10223	.82579	-.00637	.02849
#2	.06508	.00042	-.00253	.09784	.82657	-.00701	.02857
#3	.05956	.00094	.01133	.10759	.81110	-.00550	.02916

Sample Name: K1157-17 Acquired: 1/17/2019 19:24:39 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-02-011519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00739	.0309	.01343	4.9195	F<.00000
Stddev	.00070	.0012	.00019	.0317	1.1847
%RSD	9.5031	3.964	1.4317	.64473	9.3025

#1	-.00819	.0303	.01352	4.9050	-12.306
#2	-.00711	.0323	.01357	4.8977	-11.825
#3	-.00686	.0301	.01321	4.9559	-14.075

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3021.9	36643.	3796.0	90.808	3362.7
Stddev	12.7	10.	27.9	.433	10.7
%RSD	.42106	.02729	.73544	.47693	.31926

#1	3032.5	36649.	3781.3	91.308	3356.4
#2	3025.4	36631.	3778.4	90.567	3375.1
#3	3007.8	36648.	3828.2	90.550	3356.6

Sample Name: K1157-19 Acquired: 1/17/2019 19:29:14 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-03-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00259	-.00154	.07266	-.00314	.00036	.95912	.16728
Stddev	.00439	.00114	.00074	.00080	.00101	.01468	.00087
%RSD	169.66	73.632	1.0202	25.462	280.64	1.5304	.51717

#1	.00211	-.00285	.07290	-.00312	.00086	.97517	.16632
#2	-.00659	-.00094	.07325	-.00395	.00102	.94639	.16800
#3	-.00330	-.00084	.07183	-.00235	-.00080	.95580	.16750

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00037	4.1480	.00143	-.00027	.00413	.59955
Stddev	.00007	.00003	.0239	.00037	.00014	.00047	.01532
%RSD	356.35	8.2628	.57552	25.683	50.910	11.398	2.5550

#1	.00005	.00033	4.1243	.00105	-.00025	.00398	.58229
#2	-.00003	.00039	4.1720	.00145	-.00015	.00375	.61153
#3	-.00008	.00038	4.1478	.00179	-.00042	.00465	.60482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01598	1.0632	-.00059	.00299	330.19	.00158	.13741
Stddev	.00007	.0245	.00030	.00008	3.05	.00010	.00302
%RSD	.43418	2.3028	50.166	2.5437	.92503	6.2295	2.1971

#1	.01596	1.0441	-.00069	.00294	327.04	.00149	.13421
#2	.01606	1.0908	-.00082	.00295	333.13	.00169	.14020
#3	.01593	1.0548	-.00026	.00307	330.38	.00156	.13781

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44144	.00054	.01972	.11585	.98868	-.00608	.02813
Stddev	.04565	.00013	.00872	.00108	.00207	.00039	.00475
%RSD	10.341	24.885	44.202	.92938	.20898	6.3903	16.885

#1	.40932	.00068	.02620	.11467	.98632	-.00581	.03256
#2	.42131	.00041	.02315	.11678	.99015	-.00653	.02871
#3	.49369	.00054	.00981	.11611	.98958	-.00590	.02311

Sample Name: K1157-19 Acquired: 1/17/2019 19:29:14 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-03-011519 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00874	.0631	.01600	5.0645	F<.00000
Stddev	.00038	.0020	.00015	.0592	3.5460
%RSD	4.3653	3.226	.91048	1.1680	27.740

#1	-.00830	.0626	.01611	5.1268	-16.871
#2	-.00897	.0654	.01583	5.0577	-10.538
#3	-.00895	.0614	.01605	5.0091	-10.940

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3002.1	36214.	3766.2	90.111	3327.3
Stddev	7.4	226.	20.1	1.673	10.8
%RSD	.24802	.62519	.53449	1.8560	.32424

#1	2994.2	35969.	3782.7	91.825	3324.0
#2	3003.3	36257.	3743.7	88.483	3339.4
#3	3008.9	36416.	3772.1	90.025	3318.6

Sample Name: K1157-21 Acquired: 1/17/2019 19:33:50 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-04-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00197	-.00249	.04457	-.00251	.00019	.27871	.10527
Stddev	.00282	.00027	.00036	.00375	.00170	.01627	.00029
%RSD	143.30	10.687	.80742	149.25	905.67	5.8387	.27746

#1	-.00210	-.00278	.04450	-.00003	-.00107	.26950	.10518
#2	.00091	-.00244	.04425	-.00683	-.00049	.26914	.10504
#3	-.00472	-.00226	.04496	-.00068	.00213	.29750	.10560

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.01559	2.4964	.00105	.00003	.00448	.12014
Stddev	.00002	.00011	.0305	.00047	.00005	.00057	.00960
%RSD	89.911	.72526	1.2234	44.844	169.86	12.623	7.9894

#1	-.00000	.01558	2.4882	.00160	.00000	.00495	.12822
#2	.00004	.01549	2.5302	.00078	.00009	.00385	.10953
#3	.00004	.01571	2.4708	.00077	-.00000	.00466	.12266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01009	.34198	.00187	.00226	267.78	.00091	5.6164
Stddev	.00009	.05727	.00049	.00048	3.14	.00022	.0031
%RSD	.87830	16.746	26.111	21.099	1.1718	24.156	.05557

#1	.00999	.38840	.00155	.00245	267.26	.00066	5.6172
#2	.01016	.35956	.00162	.00171	271.14	.00101	5.6190
#3	.01013	.27798	.00243	.00261	264.93	.00106	5.6129

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11093	-.00028	.00523	.07121	.41743	-.00706	.00765
Stddev	.03685	.00039	.00224	.00187	.00461	.00087	.00125
%RSD	33.224	140.30	42.921	2.6330	1.1037	12.347	16.385

#1	.11842	-.00041	.00769	.07146	.41273	-.00606	.00746
#2	.07090	.00016	.00468	.07295	.41762	-.00744	.00651
#3	.14346	-.00058	.00331	.06922	.42193	-.00768	.00899

Sample Name: K1157-21 Acquired: 1/17/2019 19:33:50 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-04-011519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00895	.0571	.01447	4.8827	F<.00000
Stddev	.00114	.0010	.00010	.0441	3.0947
%RSD	12.784	1.698	.71308	.90376	29.732

#1	-.00984	.0561	.01458	4.9287	-12.547
#2	-.00936	.0574	.01445	4.8787	-6.8602
#3	-.00766	.0579	.01438	4.8407	-11.819

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3014.6	36760.	3767.2	92.125	3356.5
Stddev	13.6	93.	27.9	.283	11.7
%RSD	.45147	.25178	.74099	.30715	.34890

#1	2998.9	36658.	3768.0	91.992	3349.8
#2	3023.3	36783.	3739.0	91.933	3370.0
#3	3021.5	36838.	3794.8	92.450	3349.7

Sample Name: CCV07 Acquired: 1/17/2019 19:38:24 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1116	5.0558	5.1907	5.0444	5.1314	10.327	9.8216
Stddev	.0069	.0170	.0129	.0192	.0132	.068	.0387
%RSD	.13552	.33678	.24904	.38067	.25720	.66142	.39405

#1	5.1141	5.0753	5.2054	5.0666	5.1464	10.268	9.7805
#2	5.1170	5.0439	5.1857	5.0323	5.1265	10.402	9.8271
#3	5.1038	5.0481	5.1811	5.0344	5.1214	10.312	9.8573

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25666	2.5279	25.320	1.0361	2.4918	1.2757	5.3570
Stddev	.00041	.0076	.144	.0048	.0091	.0039	.0746
%RSD	.15909	.29903	.56747	.46327	.36514	.30433	1.3932

#1	.25656	2.5366	25.158	1.0307	2.5018	1.2783	5.3951
#2	.25631	2.5232	25.433	1.0400	2.4898	1.2775	5.4050
#3	.25711	2.5239	25.369	1.0376	2.4839	1.2712	5.2711

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5598	24.097	2.4661	1.3531	23.665	2.4701	2.5179
Stddev	.0018	.075	.0079	.0069	.168	.0015	.0326
%RSD	.07160	.31036	.31860	.51218	.70859	.06167	1.2941

#1	2.5582	24.011	2.4751	1.3460	23.509	2.4704	2.5458
#2	2.5593	24.146	2.4607	1.3598	23.643	2.4685	2.5258
#3	2.5618	24.135	2.4624	1.3535	23.842	2.4716	2.4821

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.033	4.9862	4.8858	4.7145	4.8989	5.1542	5.1540
Stddev	.112	.0122	.0391	.0230	.0214	.0129	.0274
%RSD	.46732	.24548	.80112	.48760	.43647	.24997	.53103

#1	23.914	4.9999	4.8416	4.7404	4.8768	5.1677	5.1232
#2	24.049	4.9765	4.9162	4.6966	4.9005	5.1526	5.1755
#3	24.137	4.9822	4.8995	4.7064	4.9195	5.1421	5.1633

Sample Name: CCV07 Acquired: 1/17/2019 19:38:24 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8819	5.062	5.1420	4.8007	F<.00000
Stddev	.0292	.016	.0273	.1109	1.5603
%RSD	.59894	.3087	.53146	2.3096	10.517

#1	4.8572	5.080	5.1106	4.7287	-13.484
#2	4.8742	5.052	5.1599	4.9284	-14.482
#3	4.9142	5.054	5.1556	4.7450	-16.544

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3062.8	37328.	3736.5	88.558	3370.1
Stddev	7.4	171.	7.5	1.133	12.3
%RSD	.24111	.45764	.20072	1.2788	.36524

#1	3055.0	37482.	3741.9	87.523	3355.9
#2	3063.7	37144.	3739.7	88.383	3376.3
#3	3069.7	37356.	3727.9	89.768	3378.0

Sample Name: CCB07 Acquired: 1/17/2019 19:42:24 Type: Unk
 Method: P4-ICP2(v2751) 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	-.00180	.00010	-.00055	-.00087	-.00066	.00117	-.00159
Stddev	.00448	.00186	.00087	.00213	.00171	.01325	.00126
%RSD	248.99	1769.9	158.19	243.59	259.53	1135.9	79.620

#1	-.00368	.00190	.00045	.00121	-.00249	-.00660	-.00114
#2	-.00504	-.00181	-.00112	-.00304	-.00038	-.00636	-.00061
#3	.00332	.00023	-.00098	-.00079	.00090	.01646	-.00302

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00008	.01441	.00060	-.00033	-.00089	.02021
Stddev	.00006	.00007	.02202	.00027	.00016	.00061	.00528
%RSD	88.732	90.015	152.77	44.324	46.972	68.358	26.130

#1	.00006	.00016	-.01063	.00039	-.00051	-.00054	.02517
#2	.00001	.00003	.02313	.00052	-.00020	-.00054	.02081
#3	.00014	.00005	.03073	.00090	-.00029	-.00160	.01466

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	-.03605	-.00087	F .00267	.10272	-.00028	-.00037
Stddev	.00003	.03971	.00041	.00064	.00630	.00022	.00010
%RSD	15.308	110.17	47.206	24.089	6.1337	79.523	27.438

#1	-.00024	-.08050	-.00127	.00313	.09837	-.00026	-.00025
#2	-.00019	-.02355	-.00045	.00194	.09983	-.00007	-.00044
#3	-.00018	-.00408	-.00089	.00294	.10994	-.00051	-.00041

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.36781	.00062	-.00997	F -.01604	.00361	-.00688	.00198
Stddev	.04817	.00012	.00678	.00042	.00179	.00083	.00070
%RSD	13.097	20.066	67.976	2.6456	49.699	12.080	35.149

#1	-.33010	.00064	-.00295	-.01633	.00546	-.00651	.00126
#2	-.42208	.00049	-.01049	-.01623	.00188	-.00630	.00203
#3	-.35126	.00073	-.01647	-.01555	.00348	-.00784	.00265

Sample Name: CCB07 Acquired: 1/17/2019 19:42:24 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01314	-.0014	-.00019	F 3.9113	F<.00000
Stddev	.00287	.0010	.00007	.0922	1.4902
%RSD	21.811	72.89	39.827	2.3580	8.0123

#1	-.01111	-.0026	-.00010	3.8535	-17.196
#2	-.01188	-.0005	-.00023	3.8627	-20.164
#3	-.01642	-.0012	-.00023	4.0177	-18.438

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3207.4	39393.	3823.2	95.556	3788.8
Stddev	5.6	71.	8.8	.810	6.1
%RSD	.17389	.17898	.23128	.84743	.16099

#1	3202.5	39362.	3825.4	94.625	3782.0
#2	3206.2	39474.	3813.5	96.100	3790.6
#3	3213.5	39343.	3830.8	95.942	3793.8

Sample Name: K1157-23 Acquired: 1/17/2019 19:46:53 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-05-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00178	.02843	-.00281	-.00152	.51051	.12436
Stddev	.00296	.00140	.00053	.00252	.00171	.00668	.00135
%RSD	3021.9	78.763	1.8553	89.730	111.94	1.3090	1.0866

#1	-.00180	-.00162	.02833	-.00548	-.00204	.50906	.12410
#2	-.00181	-.00046	.02797	-.00245	-.00291	.51779	.12316
#3	.00331	-.00326	.02901	-.00049	.00038	.50467	.12582

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00033	2.2866	.00146	-.00041	.00272	.27800
Stddev	.00009	.00002	.0161	.00047	.00015	.00038	.01081
%RSD	159.86	6.9872	.70241	31.916	36.908	13.934	3.8893

#1	.00005	.00033	2.3037	.00114	-.00025	.00249	.26821
#2	-.00003	.00031	2.2718	.00200	-.00055	.00316	.27620
#3	.00015	.00035	2.2844	.00125	-.00044	.00252	.28961

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00932	.24730	-.00035	.00214	249.06	.00091	.08383
Stddev	.00004	.03012	.00055	.00020	2.04	.00033	.00074
%RSD	.43746	12.178	155.51	9.1930	.81752	36.318	.88082

#1	.00928	.24150	-.00029	.00217	247.60	.00089	.08432
#2	.00936	.22050	.00016	.00232	251.38	.00059	.08418
#3	.00932	.27989	-.00093	.00193	248.19	.00125	.08298

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.13384	.00053	.01193	.08557	.48424	-.00648	.01501
Stddev	.01522	.00009	.00682	.00272	.00648	.00047	.00234
%RSD	11.371	17.836	57.187	3.1840	1.3392	7.3012	15.568

#1	-.12827	.00044	.01908	.08755	.47795	-.00603	.01303
#2	-.15105	.00063	.00549	.08246	.49090	-.00697	.01759
#3	-.12218	.00053	.01122	.08668	.48387	-.00645	.01442

Sample Name: K1157-23 Acquired: 1/17/2019 19:46:53 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-05-011519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.01242	.0733	.01340	4.8428	F<.00000
Stddev	.00157	.0004	.00006	.0255	.16147
%RSD	12.661	.5612	.46113	.52687	1.3131
#1	-.01365	.0730	.01346	4.8144	-12.216
#2	-.01296	.0738	.01340	4.8638	-12.192
#3	-.01065	.0732	.01333	4.8501	-12.483
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3085.0	37111.	3850.2	92.092	3440.0
Stddev	19.5	49.	12.6	.857	1.7
%RSD	.63331	.13186	.32655	.93006	.04994
#1	3064.9	37145.	3858.4	91.508	3439.9
#2	3103.9	37055.	3835.8	91.692	3438.4
#3	3086.3	37134.	3856.6	93.075	3441.8

Sample Name: K1157-25 Acquired: 1/17/2019 19:51:28 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-06-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00383	-.00254	.02780	-.00267	-.00082	1.5030	.09554
Stddev	.00159	.00115	.00091	.00634	.00122	.0251	.00055
%RSD	41.514	45.219	3.2608	237.67	149.96	1.6682	.57128

#1	.00259	-.00125	.02835	-.00614	-.00130	1.4755	.09597
#2	.00562	-.00292	.02828	.00465	-.00172	1.5088	.09493
#3	.00328	-.00345	.02675	-.00652	.00058	1.5246	.09573

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00065	8.8151	.00289	-.00014	.00508	1.1042
Stddev	.00012	.00011	.0607	.00036	.00009	.00039	.0191
%RSD	360.84	17.672	.68832	12.444	61.913	7.6852	1.7319

#1	.00012	.00059	8.7794	.00248	-.00016	.00529	1.0896
#2	-.00010	.00078	8.7808	.00301	-.00021	.00531	1.1258
#3	.00009	.00057	8.8852	.00317	-.00004	.00463	1.0970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03075	3.7372	.00055	.00229	255.14	.00305	.06471
Stddev	.00009	.0479	.00039	.00016	1.36	.00023	.00054
%RSD	.29537	1.2811	71.364	7.1161	.53490	7.5882	.83016

#1	.03066	3.7776	.00023	.00212	253.99	.00320	.06410
#2	.03084	3.7498	.00099	.00232	254.79	.00278	.06511
#3	.03076	3.6843	.00044	.00244	256.65	.00317	.06491

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49046	.00061	.01010	.07295	1.7670	-.00353	.04977
Stddev	.05309	.00024	.00249	.00024	.0017	.00024	.00313
%RSD	10.824	39.997	24.622	.33168	.09772	6.7628	6.2962

#1	.55142	.00088	.01140	.07269	1.7659	-.00358	.05184
#2	.45440	.00056	.01167	.07300	1.7690	-.00326	.04616
#3	.46555	.00040	.00724	.07317	1.7661	-.00373	.05130

Sample Name: K1157-25 Acquired: 1/17/2019 19:51:28 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-06-011519 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.01071	.0863	.02004	4.6804	F<.00000
Stddev	.00079	.0013	.00011	.0681	1.5007
%RSD	7.3563	1.533	.56803	1.4546	11.356
#1	-.01162	.0869	.02016	4.7552	-13.184
#2	-.01022	.0848	.01994	4.6220	-14.731
#3	-.01029	.0873	.02002	4.6639	-11.730
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3094.3	37433.	3810.2	91.931	3433.4
Stddev	13.7	103.	6.1	.825	5.2
%RSD	.44233	.27440	.16069	.89711	.15206
#1	3110.1	37370.	3803.2	92.833	3434.5
#2	3087.4	37378.	3813.5	91.217	3427.7
#3	3085.5	37552.	3814.0	91.742	3438.0

Sample Name: K1157-27 Acquired: 1/17/2019 19:56:01 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-07-011519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00486	-.00167	.03517	-.00083	-.00039	.43919	.17255
Stddev	.00255	.00165	.00037	.00349	.00112	.00773	.00038
%RSD	52.510	98.614	1.0659	421.39	282.85	1.7601	.21749

#1	-.00779	-.00192	.03509	-.00454	.00089	.44343	.17213
#2	-.00361	.00009	.03485	.00238	-.00099	.43027	.17283
#3	-.00317	-.00318	.03558	-.00032	-.00109	.44388	.17270

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00029	4.2299	.00115	-.00033	.00401	.27852
Stddev	.00009	.00010	.0396	.00007	.00014	.00055	.00763
%RSD	475.91	36.359	.93728	6.3809	43.218	13.787	2.7397

#1	.00009	.00041	4.1931	.00114	-.00049	.00463	.27843
#2	.00004	.00025	4.2247	.00123	-.00028	.00385	.27093
#3	-.00008	.00021	4.2719	.00108	-.00022	.00356	.28619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00570	1.0040	-.00087	.00328	293.07	.00121	.09325
Stddev	.00009	.0146	.00076	.00039	4.22	.00033	.00057
%RSD	1.6334	1.4505	87.213	11.876	1.4392	27.319	.60861

#1	.00580	1.0207	-.00008	.00283	289.19	.00154	.09324
#2	.00570	.99398	-.00094	.00357	292.46	.00121	.09269
#3	.00561	.99738	-.00159	.00343	297.56	.00088	.09383

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03117	.00013	.02843	.16110	.40160	-.00563	.01621
Stddev	.05667	.00012	.01375	.00423	.00493	.00064	.00115
%RSD	181.81	92.214	48.357	2.6255	1.2269	11.444	7.1170

#1	.09656	.00007	.03639	.16157	.39606	-.00502	.01634
#2	.00067	.00026	.03635	.15665	.40548	-.00556	.01500
#3	-.00372	.00005	.01256	.16507	.40328	-.00630	.01730

Sample Name: K1157-27 Acquired: 1/17/2019 19:56:01 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-07-011519 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00884	.0258	.01738	5.0805	F<.00000
Stddev	.00116	.0010	.00008	.1333	.63130
%RSD	13.137	3.684	.43693	2.6236	5.9685

#1	-.01003	.0249	.01732	4.9749	-9.9975
#2	-.00771	.0259	.01734	5.2303	-10.484
#3	-.00878	.0267	.01746	5.0363	-11.250

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3018.7	36195.	3757.4	91.472	3332.1
Stddev	6.6	181.	26.3	.447	7.4
%RSD	.21840	.49887	.70037	.48826	.22353

#1	3014.4	36339.	3787.5	91.692	3323.8
#2	3026.2	36253.	3745.7	91.767	3338.2
#3	3015.3	35992.	3738.9	90.958	3334.3

Sample Name: K1159-01 Acquired: 1/17/2019 20:00:37 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSSI-0115-S- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00578	-.00149	.00371	-.00186	.00047	.31429	.09915
Stddev	.00187	.00092	.00097	.00331	.00162	.00877	.00125
%RSD	32.336	61.866	26.096	177.50	344.61	2.7890	1.2640

#1	-.00384	-.00069	.00298	-.00433	.00060	.31194	.09913
#2	-.00594	-.00127	.00335	.00190	-.00121	.32399	.10041
#3	-.00757	-.00249	.00481	-.00317	.00202	.30694	.09790

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00006	9.3328	.00152	.00313	.01044	1.3393
Stddev	.00002	.00008	.0728	.00045	.00022	.00050	.0602
%RSD	14.906	136.89	.77968	29.887	7.0930	4.8173	4.4970

#1	.00012	-.00008	9.3086	.00204	.00302	.01101	1.4072
#2	.00012	.00003	9.4146	.00129	.00339	.01021	1.3185
#3	.00015	-.00012	9.2753	.00122	.00299	.01009	1.2922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09017	1.2135	.02235	.00256	266.32	.00012	.07064
Stddev	.00033	.0327	.00015	.00092	3.65	.00008	.00333
%RSD	.36889	2.6935	.66213	35.900	1.3722	63.767	4.7115

#1	.09055	1.2478	.02220	.00359	267.19	.00017	.07448
#2	.08992	1.2100	.02249	.00230	269.47	.00003	.06889
#3	.09003	1.1827	.02236	.00180	262.31	.00017	.06855

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24592	.00100	.01731	1.0682	.65887	-.00642	.00692
Stddev	.02925	.00052	.00682	.0010	.01105	.00032	.00237
%RSD	11.895	51.850	39.425	.09652	1.6769	5.0387	34.291

#1	.22813	.00040	.01190	1.0670	.67113	-.00619	.00929
#2	.27968	.00136	.02497	1.0687	.65581	-.00628	.00694
#3	.22995	.00123	.01504	1.0689	.64967	-.00679	.00454

Sample Name: K1159-01 Acquired: 1/17/2019 20:00:37 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SSSI-0115-S- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00821	.0057	.05926	4.5493	F<.00000
Stddev	.00108	.0010	.00011	.0914	1.4006
%RSD	13.100	17.86	.18145	2.0100	13.044

#1	-.00733	.0054	.05931	4.5446	-9.3191
#2	-.00941	.0068	.05913	4.6430	-12.120
#3	-.00789	.0049	.05933	4.4603	-10.773

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3104.1	37491.	3816.1	92.831	3450.3
Stddev	18.7	142.	41.1	4.111	11.7
%RSD	.60331	.37896	1.0782	4.4289	.33814

#1	3083.7	37401.	3800.5	88.150	3441.0
#2	3107.8	37417.	3785.0	94.483	3446.6
#3	3120.6	37654.	3862.7	95.858	3463.4

Sample Name: K1160-01 Acquired: 1/17/2019 20:05:10 Type: Unk
Method: P4-ICP2(v2751) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00985	-.00290	.00233	-.00293	-.00295	.06944	.19020
Stddev	.00341	.00040	.00068	.00223	.00076	.00811	.00204
%RSD	34.573	13.774	29.214	75.842	25.804	11.685	1.0707

#1	-.01207	-.00251	.00234	-.00065	-.00308	.07776	.18870
#2	-.01156	-.00288	.00301	-.00306	-.00214	.06154	.18939
#3	-.00593	-.00331	.00165	-.00510	-.00364	.06903	.19252

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00371	60.167	.00151	.01950	.01998	.09121
Stddev	.00008	.00005	.486	.00011	.00047	.00079	.00616
%RSD	75.519	1.2745	.80729	7.0902	2.4357	3.9305	6.7506

#1	.00015	.00366	59.769	.00139	.02004	.02079	.08744
#2	.00016	.00371	60.024	.00152	.01931	.01923	.09831
#3	.00001	.00375	60.708	.00160	.01914	.01992	.08787

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51910	19.665	.00853	.00260	423.12	-.00112	.38351
Stddev	.00208	.216	.00014	.00074	2.86	.00016	.00991
%RSD	.39977	1.0980	1.6651	28.270	.67513	14.329	2.5846

#1	.51993	19.449	.00864	.00330	424.07	-.00125	.37444
#2	.52063	19.666	.00859	.00267	419.91	-.00094	.38200
#3	.51674	19.880	.00837	.00184	425.39	-.00118	.39410

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57420	.00042	.05934	.19761	.55912	-.00521	-.00082
Stddev	.02519	.00023	.01162	.00821	.00527	.00056	.00064
%RSD	4.3862	53.255	19.589	4.1566	.94195	10.704	78.479

#1	.58775	.00026	.06392	.19741	.55510	-.00476	-.00149
#2	.54514	.00033	.06797	.20592	.55718	-.00584	-.00075
#3	.58970	.00068	.04612	.18950	.56508	-.00504	-.00021

Sample Name: K1160-01 Acquired: 1/17/2019 20:05:10 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00394	-.0008	.15389	5.1050	F<.00000
Stddev	.00255	.0006	.00102	.0838	1.7946
%RSD	64.827	73.71	.66184	1.6420	27.418

#1	-.00685	-.0004	.15318	5.1905	-4.5596
#2	-.00293	-.0015	.15342	5.1016	-7.0249
#3	-.00205	-.0006	.15505	5.0229	-8.0512

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3038.5	36026.	3790.3	91.507	3268.0
Stddev	14.5	178.	27.4	2.119	17.4
%RSD	.47699	.49428	.72326	2.3158	.53118

#1	3028.2	35841.	3805.9	93.615	3253.5
#2	3032.2	36041.	3806.4	91.530	3263.3
#3	3055.1	36196.	3758.7	89.377	3287.3

Sample Name: K1167-02 Acquired: 1/17/2019 20:09:44 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JDHS-SOUTH-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00696	-.00225	.00370	-.00280	-.00031	.10815	.09484
Stddev	.00073	.00018	.00030	.00369	.00103	.01028	.00033
%RSD	10.436	8.1223	8.1863	132.03	327.90	9.5096	.34338

#1	-.00776	-.00204	.00335	.00146	.00021	.09941	.09471
#2	-.00634	-.00234	.00389	-.00515	-.00150	.11949	.09460
#3	-.00677	-.00236	.00386	-.00469	.00035	.10556	.09521

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00006	5.3679	.00068	-.00035	.00795	.07578
Stddev	.00005	.00017	.0414	.00046	.00006	.00050	.01024
%RSD	46.938	286.63	.77200	67.332	18.627	6.2728	13.518

#1	.00014	.00001	5.3317	.00061	-.00027	.00807	.08756
#2	.00012	-.00008	5.3588	.00117	-.00039	.00741	.07074
#3	.00005	.00024	5.4131	.00026	-.00038	.00839	.06903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02163	1.2804	.00091	.00270	273.18	.00070	.14245
Stddev	.00021	.0417	.00028	.00048	2.45	.00018	.00388
%RSD	.98022	3.2559	30.328	17.948	.89759	26.145	2.7234

#1	.02143	1.2371	.00114	.00324	270.39	.00086	.13951
#2	.02160	1.2839	.00099	.00254	275.01	.00050	.14099
#3	.02185	1.3202	.00060	.00231	274.13	.00074	.14685

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65144	.00088	.00044	.04536	.22918	-.00625	.00333
Stddev	.02226	.00032	.00906	.00256	.00419	.00031	.00050
%RSD	3.4166	36.651	2044.5	5.6533	1.8274	4.9065	15.128

#1	.67478	.00084	-.00871	.04370	.22436	-.00641	.00284
#2	.64907	.00058	.00064	.04408	.23126	-.00590	.00384
#3	.63046	.00122	.00940	.04832	.23192	-.00645	.00330

Sample Name: K1167-02 Acquired: 1/17/2019 20:09:44 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JDHS-SOUTH-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00778	.0067	.03547	4.8917	F<.00000
Stddev	.00102	.0016	.00034	.0467	.99090
%RSD	13.066	23.18	.94814	.95380	8.3843

#1	-.00894	.0052	.03509	4.8379	-12.433
#2	-.00735	.0066	.03560	4.9168	-10.675
#3	-.00705	.0083	.03573	4.9205	-12.347

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3067.1	36827.	3803.9	90.878	3378.3
Stddev	22.8	283.	27.5	2.168	11.6
%RSD	.74389	.76918	.72407	2.3853	.34467

#1	3044.8	37005.	3831.5	92.467	3368.2
#2	3066.2	36975.	3776.4	91.758	3375.6
#3	3090.4	36500.	3803.9	88.408	3391.0

Sample Name: K1167-04 Acquired: 1/17/2019 20:14:20 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JDHS-NORTH-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00837	-.00304	.03255	-.00347	-.00182	.03855	.30477
Stddev	.00432	.00028	.00055	.00273	.00121	.00881	.00052
%RSD	51.569	9.2337	1.6942	78.746	66.176	22.855	.16959

#1	-.00612	-.00306	.03261	-.00130	-.00049	.04818	.30520
#2	-.01335	-.00331	.03307	-.00654	-.00283	.03658	.30491
#3	-.00564	-.00275	.03197	-.00257	-.00216	.03089	.30420

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00153	100.23	.00098	.00004	.00541	.12122
Stddev	.00006	.00011	.26	.00013	.00022	.00063	.00818
%RSD	616.98	7.0599	.25804	13.709	509.13	11.662	6.7484

#1	.00006	.00163	100.20	.00100	-.00016	.00482	.12203
#2	-.00006	.00155	99.985	.00110	.00001	.00533	.12896
#3	.00003	.00141	100.50	.00083	.00027	.00608	.11266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18475	1.8661	.00127	.00239	311.95	.00132	.23968
Stddev	.00137	.1010	.00020	.00086	1.83	.00058	.00408
%RSD	.74226	5.4136	15.646	35.920	.58727	43.938	1.7021

#1	.18318	1.8298	.00107	.00170	313.91	.00098	.23513
#2	.18568	1.9803	.00147	.00335	310.28	.00199	.24302
#3	.18540	1.7883	.00126	.00212	311.66	.00099	.24089

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14556	.00075	-.00324	.54940	.57541	-.00476	.00045
Stddev	.04410	.00015	.00925	.00117	.00251	.00030	.00069
%RSD	30.296	19.536	285.74	.21344	.43604	6.3591	150.85

#1	.19367	.00071	-.00492	.54890	.57256	-.00464	.00117
#2	.13597	.00091	-.01154	.54856	.57728	-.00510	-.00020
#3	.10705	.00062	.00674	.55074	.57638	-.00453	.00039

Sample Name: K1167-04 Acquired: 1/17/2019 20:14:20 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JDHS-NORTH-2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00404	.0623	.34520	5.2513	F<.00000
Stddev	.00267	.0018	.00077	.1518	.79794
%RSD	66.207	2.918	.22373	2.8909	9.5543
#1	-.00637	.0621	.34494	5.4222	-7.6971
#2	-.00462	.0643	.34460	5.1993	-9.2405
#3	-.00112	.0606	.34608	5.1323	-8.1173
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2984.5	35790.	3752.1	90.533	3257.8
Stddev	13.4	94.	27.6	1.566	9.8
%RSD	.44771	.26329	.73491	1.7300	.30225
#1	2970.4	35701.	3721.1	92.327	3248.6
#2	2996.9	35781.	3761.4	89.440	3268.2
#3	2986.1	35888.	3773.9	89.831	3256.7

Sample Name: K1167-06 Acquired: 1/17/2019 20:18:54 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	-.00172	.04411	-.00031	-.00252	.08769	.18876
Stddev	.00230	.00064	.00059	.00230	.00111	.00411	.00069
%RSD	221.86	37.282	1.3402	732.31	43.948	4.6817	.36629

#1	.00175	-.00099	.04390	.00082	-.00239	.09189	.18839
#2	-.00154	-.00199	.04478	.00120	-.00369	.08749	.18834
#3	.00290	-.00217	.04366	-.00295	-.00149	.08368	.18956

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00013	21.568	-.00007	.00753	.00424	8.2337
Stddev	.00005	.00010	.212	.00011	.00025	.00034	.0291
%RSD	267.73	74.560	.98358	162.34	3.2791	8.0257	.35402

#1	.00004	-.00019	21.372	-.00020	.00775	.00457	8.2069
#2	-.00004	-.00018	21.538	-.00004	.00759	.00389	8.2293
#3	.00006	-.00002	21.793	.00002	.00726	.00425	8.2647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1954	1.2739	.01163	.00307	286.44	-.00286	.06612
Stddev	.0027	.0397	.00055	.00067	1.64	.00019	.00013
%RSD	.22518	3.1129	4.6894	21.714	.57230	6.5250	.18924

#1	1.1925	1.2930	.01127	.00251	284.82	-.00302	.06625
#2	1.1978	1.3005	.01226	.00288	286.39	-.00265	.06601
#3	1.1960	1.2284	.01137	.00381	288.10	-.00290	.06608

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55844	.00022	.01917	.15446	.44507	-.00620	.00353
Stddev	.03394	.00037	.00624	.00627	.00592	.00018	.00207
%RSD	6.0775	171.71	32.548	4.0623	1.3312	2.8792	58.601

#1	.57479	.00050	.01780	.15461	.43970	-.00617	.00323
#2	.58111	.00035	.01373	.16066	.45142	-.00639	.00163
#3	.51942	-.00020	.02598	.14811	.44409	-.00604	.00574

Sample Name: K1167-06 Acquired: 1/17/2019 20:18:54 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: D-9 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00866	.0034	.07988	5.1736	F<.00000
Stddev	.00145	.0024	.00068	.1121	.73937
%RSD	16.770	69.64	.85541	2.1667	5.6630

#1	-.00978	.0018	.07919	5.2565	-13.851
#2	-.00702	.0023	.07991	5.0460	-12.389
#3	-.00919	.0061	.08055	5.2181	-12.929

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2996.5	35883.	3645.4	90.169	3285.6
Stddev	10.6	61.	7.7	.256	9.2
%RSD	.35456	.17041	.21073	.28400	.27897

#1	2984.2	35817.	3642.7	90.133	3276.0
#2	3003.4	35897.	3654.0	90.442	3286.5
#3	3001.8	35937.	3639.3	89.933	3294.3

Sample Name: K1167-08 Acquired: 1/17/2019 20:23:28 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03087	-.00265	.03153	-.00471	-.00192	.07924	.23537
Stddev	.00185	.00095	.00038	.00423	.00172	.00718	.00191
%RSD	5.9875	35.990	1.2053	89.935	89.748	9.0648	.81263

#1	.03288	-.00294	.03197	-.00031	-.00034	.08565	.23508
#2	.03048	-.00158	.03137	-.00505	-.00166	.07148	.23741
#3	.02925	-.00342	.03127	-.00876	-.00375	.08059	.23362

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	-.00092	37.859	-.00027	.00955	.00648	22.003
Stddev	.00007	.00007	.188	.00027	.00036	.00029	.675
%RSD	14.514	8.1565	.49612	102.36	3.7184	4.4453	3.0689

#1	-.00051	-.00084	37.845	-.00004	.00979	.00680	21.251
#2	-.00042	-.00098	38.054	-.00019	.00972	.00624	22.201
#3	-.00056	-.00094	37.679	-.00058	.00914	.00639	22.558

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4335	3.3488	.01755	.00246	328.44	-.00216	.13368
Stddev	.0024	.0637	.00011	.00027	2.70	.00029	.00285
%RSD	.16772	1.9012	.60525	11.002	.82284	13.596	2.1321

#1	1.4310	3.3672	.01743	.00277	329.83	-.00191	.13039
#2	1.4358	3.4012	.01758	.00227	330.16	-.00248	.13531
#3	1.4336	3.2779	.01764	.00234	325.33	-.00209	.13534

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82395	.00033	.03420	.31803	.94632	-.00548	.00228
Stddev	.04649	.00009	.01873	.00226	.00912	.00071	.00126
%RSD	5.6424	27.607	54.751	.71147	.96331	12.941	55.324

#1	.87760	.00029	.01879	.32063	.94780	-.00467	.00350
#2	.79860	.00044	.02877	.31701	.95461	-.00598	.00236
#3	.79564	.00028	.05504	.31646	.93656	-.00579	.00098

Sample Name: K1167-08 Acquired: 1/17/2019 20:23:28 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: D-10 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00736	.0183	.13152	4.9230	F<.00000
Stddev	.00081	.0004	.00110	.2086	1.0564
%RSD	10.997	2.330	.83883	4.2376	5.6966
#1	-.00816	.0186	.13257	5.1559	-19.763
#2	-.00739	.0185	.13160	4.8598	-17.880
#3	-.00654	.0178	.13037	4.7533	-17.990
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3072.6	36298.	3748.3	90.542	3366.0
Stddev	5.8	126.	41.2	1.826	25.8
%RSD	.19007	.34837	1.0982	2.0167	.76687
#1	3066.0	36192.	3714.2	92.600	3342.2
#2	3074.7	36265.	3736.8	89.908	3393.4
#3	3077.1	36438.	3794.0	89.117	3362.3

Sample Name: K1167-10 Acquired: 1/17/2019 20:28:02 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CLOVER-YARD- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00418	-.00307	.03499	-.00270	-.00011	.05459	.11550
Stddev	.00249	.00162	.00112	.00268	.00197	.00633	.00132
%RSD	59.466	52.846	3.2050	99.083	1876.0	11.585	1.1413

#1	-.00163	-.00466	.03418	.00030	-.00208	.04812	.11611
#2	-.00659	-.00315	.03627	-.00358	.00186	.06076	.11641
#3	-.00433	-.00141	.03453	-.00483	-.00009	.05491	.11399

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00084	5.4881	.00031	.00241	.00444	7.2437
Stddev	.00003	.00011	.0270	.00024	.00007	.00055	.1117
%RSD	37.330	12.619	.49181	77.604	2.7034	12.410	1.5426

#1	-.00009	.00093	5.5161	.00055	.00248	.00475	7.3714
#2	-.00004	.00072	5.4860	.00007	.00235	.00380	7.1640
#3	-.00010	.00087	5.4623	.00031	.00240	.00476	7.1957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17854	2.5784	.00785	.00376	322.21	-.00047	.14487
Stddev	.00131	.0295	.00013	.00090	1.81	.00064	.00406
%RSD	.73617	1.1442	1.6357	23.993	.56325	137.83	2.8028

#1	.17705	2.6117	.00788	.00467	324.29	-.00081	.14956
#2	.17901	2.5555	.00771	.00376	321.41	.00027	.14246
#3	.17955	2.5681	.00797	.00286	320.94	-.00086	.14258

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52747	.00061	.02293	.19527	.49637	-.00613	.00199
Stddev	.01718	.00033	.00411	.00230	.00665	.00079	.00123
%RSD	3.2564	53.129	17.903	1.1788	1.3393	12.846	61.791

#1	.50769	.00024	.01834	.19471	.49250	-.00693	.00122
#2	.53610	.00079	.02420	.19330	.49256	-.00536	.00340
#3	.53863	.00082	.02626	.19780	.50405	-.00609	.00133

Sample Name: K1167-10 Acquired: 1/17/2019 20:28:02 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CLOVER-YARD- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00951	.0021	.03314	4.9531	F<.00000
Stddev	.00104	.0015	.00014	.0431	2.9499
%RSD	10.969	70.58	.42328	.86926	23.696
#1	-.00960	.0004	.03299	4.9846	-13.978
#2	-.00842	.0030	.03319	4.9708	-14.320
#3	-.01050	.0029	.03326	4.9041	-9.0484
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3041.0	36533.	3765.1	91.314	3345.7
Stddev	6.9	120.	38.5	2.402	4.9
%RSD	.22634	.32802	1.0231	2.6302	.14682
#1	3048.8	36529.	3720.6	88.542	3342.7
#2	3038.6	36415.	3785.2	92.633	3343.1
#3	3035.7	36655.	3789.4	92.767	3351.4

Sample Name: CCV08 Acquired: 1/17/2019 20:32:37 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9764	5.0147	5.0732	4.9394	5.0185	10.099	9.4646
Stddev	.0242	.0133	.0138	.0241	.0205	.128	.1029
%RSD	.48623	.26590	.27120	.48853	.40949	1.2656	1.0867

#1	4.9509	5.0019	5.0618	4.9134	4.9961	10.075	9.5326
#2	4.9793	5.0285	5.0885	4.9610	5.0229	9.9843	9.5149
#3	4.9990	5.0137	5.0694	4.9437	5.0365	10.237	9.3463

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25010	2.4897	25.037	1.0184	2.4442	1.2487	5.2358
Stddev	.00062	.0054	.029	.0022	.0059	.0081	.1324
%RSD	.24597	.21823	.11436	.21906	.24180	.64865	2.5284

#1	.24967	2.4855	25.028	1.0158	2.4385	1.2394	5.3408
#2	.24984	2.4958	25.069	1.0200	2.4503	1.2523	5.2796
#3	.25081	2.4877	25.015	1.0192	2.4439	1.2543	5.0871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4935	23.828	2.4383	1.3209	23.192	2.4270	2.4280
Stddev	.0052	.133	.0064	.0018	.191	.0023	.1015
%RSD	.20951	.55903	.26432	.13610	.82411	.09519	4.1808

#1	2.4885	23.865	2.4310	1.3208	23.295	2.4259	2.4981
#2	2.4932	23.939	2.4429	1.3228	23.308	2.4297	2.4743
#3	2.4989	23.680	2.4412	1.3192	22.971	2.4255	2.3116

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.209	4.9293	4.8521	4.6539	4.7641	5.0533	5.0525
Stddev	.301	.0249	.0121	.0199	.0538	.0134	.0193
%RSD	1.2955	.50520	.24838	.42652	1.1289	.26528	.38298

#1	23.422	4.9009	4.8406	4.6398	4.7869	5.0385	5.0726
#2	23.340	4.9398	4.8647	4.6766	4.8027	5.0646	5.0508
#3	22.865	4.9473	4.8511	4.6454	4.7027	5.0569	5.0340

Sample Name: CCV08 Acquired: 1/17/2019 20:32:37 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.7661	4.979	5.0068	4.7671	F<.00000
Stddev	.0415	.012	.0391	.0694	1.2518
%RSD	.87095	.2330	.78172	1.4564	10.638
#1	4.7848	4.972	5.0195	4.7608	-10.857
#2	4.7950	4.992	5.0380	4.8395	-11.250
#3	4.7185	4.972	4.9629	4.7010	-13.195
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3113.3	37815.	3781.8	90.632	3410.8
Stddev	10.2	71.	50.1	3.864	4.8
%RSD	.32756	.18677	1.3247	4.2630	.13982
#1	3125.0	37890.	3759.3	87.931	3413.7
#2	3109.3	37749.	3746.8	88.907	3405.3
#3	3105.8	37806.	3839.2	95.057	3413.4

Sample Name: CCB08 Acquired: 1/17/2019 20:36:36 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00401	.00045	-.00049	-.00192	-.00014	-.01636	-.00241
Stddev	.00085	.00028	.00074	.00141	.00137	.01662	.00081
%RSD	21.225	61.589	151.27	73.677	984.28	101.62	33.715

#1	-.00323	.00019	.00022	-.00318	-.00173	-.01954	-.00251
#2	-.00389	.00043	-.00043	-.00219	.00062	-.03116	-.00155
#3	-.00492	.00074	-.00126	-.00039	.00068	.00163	-.00317

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00009	.02417	-.00017	-.00017	-.00050	.02029
Stddev	.00003	.00010	.01523	.00022	.00025	.00033	.01647
%RSD	322.72	111.73	63.034	131.53	146.82	66.171	81.176

#1	-.00002	-.00003	.00694	-.00007	.00008	-.00058	.03301
#2	-.00003	.00014	.03587	-.00042	-.00017	-.00013	.00168
#3	.00002	.00016	.02969	-.00001	-.00042	-.00077	.02618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	-.02295	-.00125	.00242	.16312	-.00004	-.00076
Stddev	.00003	.02803	.00045	.00058	.01361	.00063	.00011
%RSD	11.541	122.13	35.711	24.178	8.3463	1810.7	14.065

#1	-.00024	-.05468	-.00095	.00194	.17040	.00041	-.00064
#2	-.00026	-.01261	-.00177	.00307	.17154	.00024	-.00078
#3	-.00030	-.00156	-.00104	.00224	.14741	-.00076	-.00085

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.53209	.00050	-.00779	F -.01845	.00148	-.00677	.00181
Stddev	.01102	.00049	.01419	.00271	.00260	.00044	.00173
%RSD	2.0712	97.661	182.18	14.699	176.35	6.4691	95.827

#1	-.54464	.00107	-.01867	-.01712	.00247	-.00627	.00247
#2	-.52760	.00029	.00826	-.02157	.00343	-.00701	.00311
#3	-.52402	.00015	-.01296	-.01667	-.00148	-.00705	-.00016

Sample Name: CCB08 Acquired: 1/17/2019 20:36:36 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01226	-.0007	-.00026	F 3.8832	F<.00000
Stddev	.00129	.0011	.00005	.1093	.43123
%RSD	10.492	164.0	19.586	2.8139	3.3433
#1	-.01369	.0003	-.00026	3.9421	-13.160
#2	-.01118	-.0019	-.00021	3.7571	-13.135
#3	-.01192	-.0005	-.00031	3.9503	-12.401
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3222.6	39601.	3815.9	94.728	3788.6
Stddev	14.5	165.	40.6	1.001	28.4
%RSD	.45063	.41663	1.0629	1.0571	.75065
#1	3205.9	39411.	3785.4	94.667	3764.1
#2	3231.9	39690.	3800.4	93.758	3781.9
#3	3230.0	39703.	3861.9	95.758	3819.8

Sample Name: K1167-12 Acquired: 1/17/2019 20:41:04 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CLOVER-YARD- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00199	-.00252	.04491	-.00301	-.00095	.47914	.13404
Stddev	.00124	.00045	.00006	.00269	.00015	.01446	.00097
%RSD	62.361	17.964	.13228	89.106	16.217	3.0183	.72226

#1	-.00302	-.00209	.04485	-.00467	-.00077	.48277	.13428
#2	-.00234	-.00299	.04496	-.00446	-.00105	.49144	.13487
#3	-.00061	-.00248	.04492	.00008	-.00102	.46321	.13298

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.00049	5.5811	.00113	.00249	.00587	8.3563
Stddev	.00001	.00005	.0125	.00038	.00014	.00040	.1295
%RSD	8.5614	10.800	.22433	33.498	5.6553	6.8669	1.5494

#1	-.00015	.00042	5.5892	.00130	.00242	.00607	8.4021
#2	-.00013	.00051	5.5873	.00070	.00265	.00540	8.4567
#3	-.00015	.00052	5.5666	.00140	.00239	.00612	8.2102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17328	2.6847	.00762	.00239	278.39	.00077	.12407
Stddev	.00095	.0679	.00017	.00036	1.50	.00034	.00157
%RSD	.54976	2.5276	2.2859	14.900	.53901	43.746	1.2617

#1	.17316	2.7573	.00772	.00241	277.22	.00073	.12392
#2	.17428	2.6741	.00773	.00203	277.87	.00045	.12570
#3	.17239	2.6228	.00742	.00274	280.08	.00112	.12258

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57554	.00036	.01093	.23117	1.2248	-.00530	.04358
Stddev	.03013	.00018	.00616	.00198	.0035	.00008	.00272
%RSD	5.2348	48.383	56.355	.85556	.28258	1.5582	6.2439

#1	.60376	.00016	.01752	.22920	1.2282	-.00526	.04077
#2	.54381	.00044	.00532	.23117	1.2249	-.00525	.04378
#3	.57904	.00048	.00994	.23316	1.2213	-.00540	.04620

Sample Name: K1167-12 Acquired: 1/17/2019 20:41:04 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CLOVER-YARD- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.01157	.0179	.03226	4.7691	F<.00000
Stddev	.00181	.0006	.00021	.0436	1.3255
%RSD	15.616	3.466	.64812	.91439	11.495

#1	-.01317	.0173	.03234	4.8166	-11.440
#2	-.01193	.0180	.03242	4.7599	-10.254
#3	-.00961	.0185	.03203	4.7309	-12.900

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3061.8	36809.	3738.2	92.703	3370.7
Stddev	27.0	171.	1.4	1.163	15.7
%RSD	.88188	.46377	.03640	1.2550	.46617

#1	3032.2	36618.	3736.7	92.650	3353.1
#2	3068.3	36861.	3739.0	91.567	3375.4
#3	3085.0	36947.	3739.1	93.892	3383.5

Sample Name: K1148-02 Acquired: 1/17/2019 20:45:38 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: T-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	-.00050	-.00092	-.00154	.00013	-.01311	-.00265
Stddev	.00028	.00042	.00015	.00161	.00171	.01236	.00039
%RSD	28.071	83.859	16.398	104.53	1361.3	94.259	14.741

#1	-.00066	-.00014	-.00086	.00031	.00181	.00049	-.00290
#2	-.00116	-.00040	-.00080	-.00228	-.00161	-.02365	-.00286
#3	-.00111	-.00096	-.00109	-.00266	.00018	-.01617	-.00220

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00012	2.1100	.00011	-.00031	-.00004	.01550
Stddev	.00006	.00003	.0243	.00009	.00031	.00009	.01431
%RSD	131.45	27.495	1.1523	83.754	97.659	213.36	92.329

#1	.00012	.00010	2.1055	.00003	-.00001	-.00008	.00800
#2	-.00000	.00010	2.0882	.00021	-.00062	-.00011	.00650
#3	.00003	.00016	2.1362	.00009	-.00031	.00006	.03200

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.27051	-.00102	.00232	.51998	.00007	.00210
Stddev	.00002	.05343	.00028	.00054	.00480	.00018	.00006
%RSD	17.867	19.753	27.367	23.288	.92305	271.74	2.9715

#1	-.00016	.31900	-.00134	.00170	.51790	.00002	.00207
#2	-.00012	.21322	-.00089	.00269	.52547	.00027	.00205
#3	-.00012	.27930	-.00083	.00257	.51658	-.00009	.00217

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.25310	.00042	-.00400	.09101	.52310	-.00871	.00117
Stddev	.03042	.00007	.01107	.00140	.00284	.00038	.00087
%RSD	12.021	16.974	276.39	1.5393	.54245	4.4099	74.790

#1	-.27626	.00050	-.01631	.09260	.52061	-.00828	.00018
#2	-.21864	.00037	.00513	.09051	.52251	-.00903	.00147
#3	-.26439	.00039	-.00083	.08994	.52619	-.00882	.00185

Sample Name: K1148-02 Acquired: 1/17/2019 20:45:38 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: T-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.01294	.0024	.00925	3.6077	F<.00000
Stddev	.00231	.0008	.00013	.0702	.80735
%RSD	17.863	32.20	1.3641	1.9454	7.4089
#1	-.01059	.0016	.00915	3.6859	-11.500
#2	-.01301	.0026	.00939	3.5869	-9.9798
#3	-.01521	.0031	.00921	3.5502	-11.211
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3267.1	40270.	3828.7	95.667	3837.5
Stddev	1.6	55.	5.2	1.478	2.7
%RSD	.04860	.13731	.13477	1.5446	.07057
#1	3268.6	40218.	3834.6	96.817	3838.9
#2	3267.4	40328.	3826.6	96.183	3834.4
#3	3265.5	40264.	3825.0	94.000	3839.3

Sample Name: K1148-02DUP Acquired: 1/17/2019 20:50:06 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: T-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00218	.00000	-.00251	-.00182	.00081	-.00603	-.00214
Stddev	.00158	.00076	.00090	.00405	.00163	.01186	.00059
%RSD	72.634	27324.	35.740	222.44	200.61	196.64	27.454

#1	-.00171	-.00078	-.00148	-.00040	-.00107	.00660	-.00282
#2	-.00395	.00073	-.00296	.00133	.00175	-.01693	-.00177
#3	-.00088	.00007	-.00310	-.00640	.00176	-.00777	-.00183

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00006	2.0962	.00019	-.00034	-.00030	.01331
Stddev	.00005	.00006	.0211	.00009	.00011	.00039	.00660
%RSD	59.589	99.469	1.0084	49.780	32.547	129.03	49.568

#1	.00006	-.00001	2.0795	.00008	-.00023	.00015	.01930
#2	.00005	.00011	2.1199	.00023	-.00034	-.00049	.01439
#3	.00014	.00008	2.0891	.00025	-.00045	-.00057	.00624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.25620	-.00105	.00278	.40388	.00008	.00184
Stddev	.00006	.03130	.00015	.00023	.01199	.00042	.00002
%RSD	42.798	12.215	14.300	8.3356	2.9677	531.30	.92475

#1	-.00017	.23083	-.00113	.00251	.40210	.00020	.00184
#2	-.00016	.29117	-.00087	.00291	.41665	-.00039	.00182
#3	-.00007	.24661	-.00114	.00291	.39288	.00043	.00185

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.26069	.00032	-.00587	.09128	.51439	-.00815	.00189
Stddev	.05416	.00010	.00671	.00260	.00828	.00067	.00347
%RSD	20.777	31.645	114.22	2.8488	1.6106	8.2776	183.44

#1	-.20188	.00043	-.01057	.09271	.51403	-.00796	.00378
#2	-.27168	.00023	-.00885	.09285	.50629	-.00890	.00400
#3	-.30852	.00030	.00181	.08828	.52285	-.00759	-.00211

Sample Name: K1148-02DUP Acquired: 1/17/2019 20:50:06 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: T-1DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.01644	.0021	.00895	3.7410	F<.00000
Stddev	.00058	.0023	.00014	.0519	1.5817
%RSD	3.5428	110.7	1.6068	1.3860	13.268

#1	-.01664	.0042	.00896	3.7213	-13.743
#2	-.01690	-.0004	.00879	3.7998	-11.113
#3	-.01579	.0024	.00908	3.7019	-10.906

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3247.4	40120.	3842.0	94.317	3814.5
Stddev	1.6	31.	10.1	1.235	6.0
%RSD	.04898	.07823	.26258	1.3097	.15799

#1	3249.1	40155.	3830.5	93.550	3814.0
#2	3247.1	40106.	3846.5	95.742	3808.7
#3	3246.0	40097.	3849.1	93.658	3820.7

Sample Name: K1148-02LX5 Acquired: 1/17/2019 20:54:36 Type: Unk
Method: P4-ICP2(v2751) 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	-.00159	-.00136	-.00235	-.00477	.00024	-.01851	-.00320
Stddev	.00242	.00092	.00066	.00206	.00230	.01034	.00038
%RSD	152.41	67.904	28.134	43.127	945.45	55.859	12.027

#1	.00114	-.00225	-.00283	-.00300	-.00238	-.02003	-.00291
#2	-.00348	-.00143	-.00159	-.00703	.00189	-.00749	-.00363
#3	-.00243	-.00040	-.00262	-.00429	.00122	-.02799	-.00304

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00008	.45830	-.00029	-.00017	-.00089	.02086
Stddev	.00005	.00006	.01104	.00015	.00007	.00023	.00888
%RSD	144.44	77.965	2.4079	50.351	40.751	26.226	42.573

#1	-.00001	.00011	.45320	-.00012	-.00014	-.00090	.01665
#2	.00002	.00001	.47096	-.00035	-.00013	-.00065	.03107
#3	.00010	.00012	.45074	-.00040	-.00025	-.00112	.01488

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	.05127	-.00137	.00233	.14494	-.00060	.00047
Stddev	.00002	.01223	.00011	.00020	.00783	.00042	.00009
%RSD	8.2309	23.858	8.0608	8.4249	5.3995	70.822	19.336

#1	-.00022	.03923	-.00148	.00246	.13638	-.00046	.00054
#2	-.00019	.05089	-.00136	.00243	.15173	-.00026	.00052
#3	-.00021	.06369	-.00126	.00211	.14670	-.00107	.00037

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.49532	.00027	-.00686	.00451	.10720	-.00777	.00117
Stddev	.01300	.00006	.01836	.00138	.00241	.00032	.00103
%RSD	2.6243	21.678	267.80	30.637	2.2495	4.0814	88.416

#1	-.50042	.00022	.00251	.00571	.10731	-.00784	.00093
#2	-.50499	.00033	.00493	.00482	.10956	-.00804	.00027
#3	-.48054	.00025	-.02801	.00300	.10474	-.00742	.00230

Sample Name: K1148-02LX5 Acquired: 1/17/2019 20:54:36 Type: Unk
Method: P4-ICP2(v2751) 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	-.01637	.0002	.00167	3.5878	F<.00000
Stddev	.00290	.0012	.00009	.1110	.64198
%RSD	17.709	592.2	5.6552	3.0928	4.7643

#1	-.01303	.0011	.00177	3.7135	-12.734
#2	-.01788	-.0011	.00167	3.5469	-13.862
#3	-.01820	.0006	.00158	3.5032	-13.828

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3235.0	39969.	3818.5	95.711	3791.2
Stddev	5.0	78.	15.1	.586	2.7
%RSD	.15444	.19430	.39667	.61222	.07175

#1	3229.6	40035.	3813.0	95.308	3789.2
#2	3235.8	39884.	3806.8	95.442	3790.1
#3	3239.5	39989.	3835.6	96.383	3794.3

Sample Name: K1148-02MS Acquired: 1/17/2019 20:59:05 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: T-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86077	2.2591	1.1120	2.2046	.89637	2.1670	.21929
Stddev	.00621	.0078	.0032	.0081	.00335	.0098	.00112
%RSD	.72154	.34335	.29254	.36606	.37407	.45243	.51296

#1	.85369	2.2504	1.1092	2.1953	.89250	2.1711	.22057
#2	.86529	2.2652	1.1156	2.2086	.89816	2.1559	.21887
#3	.86332	2.2617	1.1113	2.2099	.89844	2.1742	.21845

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22424	.21809	3.4377	.46277	.21934	.35547	3.4667
Stddev	.00036	.00040	.0212	.00221	.00085	.00111	.0451
%RSD	.15994	.18127	.61722	.47696	.38733	.31342	1.3000

#1	.22386	.21782	3.4438	.46026	.21894	.35422	3.5091
#2	.22430	.21854	3.4140	.46363	.22031	.35584	3.4194
#3	.22457	.21789	3.4551	.46441	.21876	.35635	3.4717

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23073	2.4644	.54887	.08725	3.6579	.33134	.22216
Stddev	.00077	.0460	.00257	.00048	.0137	.00082	.00344
%RSD	.33291	1.8652	.46813	.55182	.37535	.24638	1.5486

#1	.22984	2.4390	.54665	.08675	3.6722	.33146	.22608
#2	.23121	2.4367	.55168	.08730	3.6448	.33047	.22082
#3	.23113	2.5175	.54829	.08771	3.6569	.33209	.21960

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.744	.45058	.33439	.09513	1.5869	.78471	.23660
Stddev	.079	.00012	.00817	.00339	.0159	.00185	.00324
%RSD	.73557	.02713	2.4428	3.5648	.99985	.23587	1.3701

#1	10.834	.45064	.34363	.09892	1.6047	.78354	.23788
#2	10.684	.45067	.32812	.09240	1.5818	.78684	.23292
#3	10.714	.45045	.33142	.09405	1.5742	.78374	.23901

Sample Name: K1148-02MS Acquired: 1/17/2019 20:59:05 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: T-1MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20911	6.202	.23250	3.9614	F<.00000
Stddev	.00283	.015	.00108	.1049	2.7617
%RSD	1.3552	.2401	.46246	2.6487	10.455
#1	.21236	6.187	.23173	3.8641	-28.385
#2	.20711	6.217	.23205	4.0726	-27.602
#3	.20787	6.202	.23373	3.9477	-23.258
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3203.8	39421.	3787.9	95.328	3696.8
Stddev	5.2	46.	12.7	1.715	4.2
%RSD	.16328	.11681	.33554	1.7990	.11257
#1	3207.9	39467.	3780.3	93.358	3694.4
#2	3205.6	39375.	3780.7	96.492	3701.6
#3	3197.9	39422.	3802.5	96.133	3694.5

Sample Name: K1148-02MSD Acquired: 1/17/2019 21:03:12 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: T-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85900	2.2493	1.1044	2.2016	.89160	2.1613	.21935
Stddev	.00200	.0042	.0029	.0071	.00537	.0070	.00105
%RSD	.23234	.18787	.26229	.32086	.60177	.32572	.47793

#1	.86023	2.2542	1.1034	2.1950	.89658	2.1550	.21825
#2	.85669	2.2471	1.1022	2.2008	.89230	2.1600	.21945
#3	.86007	2.2466	1.1077	2.2090	.88592	2.1689	.22034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22345	.21700	3.4017	.46420	.21762	.35407	3.5112
Stddev	.00042	.00027	.0296	.00075	.00027	.00102	.0482
%RSD	.18628	.12476	.87042	.16197	.12627	.28810	1.3736

#1	.22297	.21688	3.3827	.46502	.21733	.35523	3.5462
#2	.22370	.21682	3.3865	.46354	.21764	.35366	3.4562
#3	.22369	.21731	3.4358	.46405	.21788	.35331	3.5313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23009	2.4447	.54677	.08725	3.6326	.32973	.22473
Stddev	.00033	.0263	.00056	.00024	.0449	.00143	.00252
%RSD	.14262	1.0746	.10248	.27550	1.2372	.43349	1.1230

#1	.22985	2.4315	.54686	.08729	3.5862	.33018	.22656
#2	.23046	2.4277	.54617	.08699	3.6356	.33089	.22185
#3	.22995	2.4750	.54728	.08746	3.6760	.32814	.22577

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.758	.44964	.32626	.09676	1.6036	.78089	.23433
Stddev	.042	.00026	.00518	.00298	.0185	.00150	.00125
%RSD	.38823	.05824	1.5862	3.0797	1.1555	.19250	.53458

#1	10.804	.44956	.32106	.09843	1.6013	.77990	.23305
#2	10.722	.44993	.33141	.09853	1.5863	.78014	.23556
#3	10.749	.44943	.32632	.09332	1.6231	.78262	.23439

Sample Name: K1148-02MSD Acquired: 1/17/2019 21:03:12 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: T-1MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20514	6.167	.23197	3.9742	F<.00000
Stddev	.00129	.009	.00039	.0959	1.7335
%RSD	.63104	.1395	.16982	2.4133	6.7234
#1	.20663	6.175	.23242	4.0546	-26.760
#2	.20445	6.158	.23175	4.0001	-26.808
#3	.20433	6.168	.23173	3.8680	-23.782
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3219.6	39411.	3791.5	93.958	3721.2
Stddev	5.1	56.	12.2	.927	4.6
%RSD	.15834	.14175	.32190	.98639	.12326
#1	3214.0	39347.	3788.3	93.292	3716.0
#2	3220.9	39449.	3805.0	95.017	3722.8
#3	3223.9	39437.	3781.2	93.567	3724.7

Sample Name: K1148-02A Acquired: 1/17/2019 21:07:19 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7890 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86398	2.2456	1.1029	2.2040	.89386	2.1643	.21940
Stddev	.00373	.0045	.0044	.0063	.00199	.0064	.00046
%RSD	.43150	.19868	.39858	.28599	.22315	.29769	.21004

#1	.86230	2.2463	1.1065	2.2009	.89616	2.1609	.21928
#2	.86139	2.2408	1.0980	2.1998	.89258	2.1717	.21992
#3	.86826	2.2497	1.1043	2.2113	.89284	2.1603	.21902

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22349	.21649	3.4321	.46199	.21769	.35429	3.5085
Stddev	.00007	.00099	.0222	.00038	.00151	.00098	.0988
%RSD	.03263	.45731	.64544	.08186	.69520	.27572	2.8169

#1	.22340	.21705	3.4425	.46161	.21860	.35536	3.3949
#2	.22352	.21535	3.4066	.46199	.21594	.35346	3.5560
#3	.22354	.21708	3.4471	.46237	.21852	.35404	3.5746

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22987	2.4591	.54669	.08732	3.6210	.32935	.22265
Stddev	.00022	.0504	.00292	.00138	.0124	.00059	.00533
%RSD	.09417	2.0504	.53407	1.5809	.34308	.17801	2.3961

#1	.22965	2.4809	.54958	.08859	3.6283	.32948	.21680
#2	.23008	2.4950	.54374	.08585	3.6067	.32871	.22391
#3	.22987	2.4014	.54676	.08752	3.6281	.32986	.22724

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.838	.44853	.32746	.09076	1.5920	.77881	.23469
Stddev	.052	.00138	.00647	.00387	.0104	.00232	.00159
%RSD	.48087	.30749	1.9756	4.2617	.65616	.29733	.67730

#1	10.811	.44872	.32139	.08639	1.5985	.78049	.23600
#2	10.805	.44707	.33426	.09216	1.5800	.77617	.23514
#3	10.898	.44981	.32673	.09373	1.5977	.77978	.23292

Sample Name: K1148-02A Acquired: 1/17/2019 21:07:19 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7890 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20646	6.162	.23319	3.9894	F<.00000
Stddev	.00283	.024	.00060	.0731	1.5414
%RSD	1.3727	.3932	.25862	1.8329	6.3772

#1	.20753	6.175	.23354	4.0020	-23.758
#2	.20324	6.134	.23250	4.0554	-22.878
#3	.20860	6.178	.23354	3.9107	-25.876

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3216.7	39379.	3783.5	94.953	3718.5
Stddev	11.0	76.	9.0	1.988	13.1
%RSD	.34165	.19235	.23898	2.0937	.35346

#1	3205.2	39366.	3778.8	97.217	3705.6
#2	3227.2	39311.	3793.9	94.150	3731.9
#3	3217.6	39461.	3777.7	93.492	3718.1

Sample Name: K1148-05 Acquired: 1/17/2019 21:11:27 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: T-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00294	.00021	-.00182	-.00120	.00146	-.01504	-.00227
Stddev	.00111	.00180	.00068	.00129	.00229	.00634	.00042
%RSD	37.788	879.87	37.513	107.15	157.10	42.123	18.614

#1	-.00300	.00104	-.00238	-.00244	.00243	-.01294	-.00214
#2	-.00179	.00144	-.00106	-.00129	-.00116	-.01002	-.00274
#3	-.00401	-.00187	-.00201	.00013	.00311	-.02216	-.00193

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00021	1.4637	.00037	-.00017	-.00049	.00987
Stddev	.00009	.00008	.0214	.00025	.00028	.00030	.00820
%RSD	166.51	38.944	1.4623	67.589	164.49	61.795	83.072

#1	-.00000	.00030	1.4484	.00054	.00015	-.00035	.01764
#2	.00000	.00014	1.4881	.00008	-.00037	-.00084	.01065
#3	.00016	.00020	1.4544	.00050	-.00028	-.00029	.00131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	.18074	-.00096	.00274	.25552	.00021	.00082
Stddev	.00004	.05268	.00050	.00028	.01660	.00013	.00001
%RSD	13.876	29.147	51.755	10.360	6.4947	63.179	1.7903

#1	-.00025	.14736	-.00057	.00267	.24274	.00036	.00083
#2	-.00029	.15339	-.00079	.00306	.24955	.00011	.00083
#3	-.00034	.24147	-.00151	.00250	.27428	.00015	.00080

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.23421	.00034	-.02009	.07878	.43685	-.00818	.00238
Stddev	.04886	.00003	.00893	.00603	.00366	.00078	.00021
%RSD	20.860	7.7434	44.459	7.6541	.83796	9.5646	8.9749

#1	-.28239	.00031	-.03038	.07226	.43553	-.00836	.00232
#2	-.18470	.00034	-.01547	.07991	.44099	-.00886	.00220
#3	-.23554	.00037	-.01441	.08416	.43404	-.00732	.00262

Sample Name: K1148-05 Acquired: 1/17/2019 21:11:27 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: T-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.01706	.0032	.00636	3.7725	F<.00000
Stddev	.00322	.0009	.00009	.0282	1.3547
%RSD	18.895	27.80	1.4431	.74842	10.413

#1	-.01962	.0026	.00644	3.7504	-14.361
#2	-.01812	.0029	.00626	3.8043	-11.651
#3	-.01344	.0043	.00637	3.7627	-13.019

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3253.2	39839.	3824.1	96.136	3828.0
Stddev	7.5	56.	18.3	1.674	10.7
%RSD	.23118	.14092	.47915	1.7411	.27959

#1	3244.6	39886.	3803.1	95.350	3838.9
#2	3256.4	39777.	3832.6	98.058	3827.8
#3	3258.5	39855.	3836.7	95.000	3817.5

Sample Name: K1164-01 Acquired: 1/17/2019 21:15:56 Type: Unk
Method: P4-ICP2(v2751) 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	-.01503	.00144	.01279	-.00224	-.00592	-.07785	.00736	.00010
Stddev	.00443	.00095	.00027	.00299	.00318	.02092	.00106	.00006
%RSD	29.471	65.789	2.1126	133.68	53.704	26.875	14.370	64.587
#1	-.02014	.00254	.01309	.00120	-.00861	-.09049	.00798	.00013
#2	-.01245	.00087	.01256	-.00368	-.00674	-.05370	.00614	.00003
#3	-.01249	.00092	.01273	-.00424	-.00241	-.08936	.00797	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00083	213.62	-.00193	-.00004	.00149	-.03076	.00925	634.53
Stddev	.00011	.65	.00035	.00013	.00078	.00258	.00012	3.96
%RSD	13.722	.30361	17.874	338.16	52.026	8.3999	1.2626	.62463
#1	-.00088	213.38	-.00189	.00011	.00181	-.03232	.00915	632.81
#2	-.00070	213.13	-.00161	-.00012	.00207	-.03218	.00921	631.71
#3	-.00092	214.36	-.00230	-.00010	.00061	-.02778	.00938	639.06
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00781	.00437	F 3065.9	.00013	.00202	226.29	.00729	2.2603
Stddev	.00045	.00145	114.4	.00041	.00023	1.58	.00064	.0399
%RSD	5.7002	33.287	3.7317	318.11	11.449	.69646	8.8301	1.7637
#1	-.00771	.00372	3198.0	.00030	.00179	225.04	.00701	2.2231
#2	-.00830	.00336	2998.5	.00042	.00200	225.76	.00683	2.2555
#3	-.00743	.00604	3001.2	-.00034	.00226	228.06	.00803	2.3024
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 565.68	1.0980	-.21275	-.00779	.10630	.0649	4.0493	7.8573
Stddev	3.76	.0278	.00193	.00066	.00357	.0028	.0123	.0934
%RSD	.66510	2.5321	.90528	8.4403	3.3548	4.311	.30254	1.1886
#1	569.96	1.0989	-.21473	-.00744	.10352	.0618	4.0404	7.7890
#2	564.17	1.0697	-.21265	-.00855	.10507	.0672	4.0442	7.9637
#3	562.90	1.1253	-.21088	-.00739	.11032	.0657	4.0632	7.8193

Sample Name: K1164-01 Acquired: 1/17/2019 21:15:56 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.0531
Stddev	1.4516
%RSD	18.026

#1	6.6962
#2	9.5838
#3	7.8793

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2427.3	27727.	3539.2	82.088	2423.5
Stddev	20.2	90.	32.2	1.102	19.3
%RSD	.83056	.32591	.90902	1.3427	.79794

#1	2404.9	27811.	3549.5	83.350	2402.6
#2	2432.8	27631.	3565.0	81.317	2427.0
#3	2444.1	27737.	3503.2	81.595	2440.8

Sample Name: K1164-01DUP Acquired: 1/17/2019 21:20:30 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7890 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01553	.00207	.01394	-.00840	-.00364	-.07871	.00943	.00011
Stddev	.00314	.00277	.00169	.00264	.00158	.01311	.00230	.00016
%RSD	20.238	134.04	12.113	31.435	43.363	16.659	24.361	146.89
#1	-.01747	.00485	.01498	-.01072	-.00182	-.07707	.01145	.00029
#2	-.01190	.00203	.01199	-.00553	-.00453	-.06649	.00693	-.00000
#3	-.01722	-.00069	.01485	-.00894	-.00457	-.09256	.00990	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00102	215.94	-.00253	.00034	.00146	-.04219	.00917	646.57
Stddev	.00006	4.97	.00056	.00036	.00021	.00847	.00022	16.51
%RSD	5.5746	2.3036	21.983	105.68	14.610	20.066	2.4044	2.5530
#1	-.00109	218.82	-.00188	.00057	.00168	-.04167	.00904	655.24
#2	-.00098	210.19	-.00284	.00052	.00125	-.03400	.00905	627.53
#3	-.00100	218.80	-.00285	-.00007	.00145	-.05091	.00943	656.94
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00757	.00549	F 2913.7	.00038	.00211	234.43	.00724	2.2525
Stddev	.00110	.00051	145.1	.00046	.00013	5.15	.00077	.0592
%RSD	14.515	9.2918	4.9808	120.17	5.9376	2.1982	10.677	2.6281
#1	-.00881	.00490	3041.2	.00086	.00213	236.60	.00748	2.2863
#2	-.00673	.00582	2755.8	-.00005	.00197	228.55	.00637	2.1842
#3	-.00716	.00575	2944.0	.00034	.00222	238.14	.00786	2.2871
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 564.35	1.1135	-.20842	-.01070	.09959	.0659	4.0826	7.8888
Stddev	.47	.0174	.00102	.00105	.00301	.0024	.0939	.0698
%RSD	.08369	1.5616	.49036	9.8450	3.0258	3.638	2.3002	.88487
#1	564.86	1.1206	-.20843	-.01061	.10036	.0637	4.1427	7.9233
#2	564.29	1.0937	-.20740	-.00970	.09626	.0684	3.9744	7.8084
#3	563.92	1.1263	-.20944	-.01180	.10214	.0655	4.1307	7.9346

Sample Name: K1164-01DUP Acquired: 1/17/2019 21:20:30 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7890 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.7527
Stddev	.5238
%RSD	6.7566

#1	7.2911
#2	8.3220
#3	7.6450

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2421.4	27741.	3439.6	80.409	2409.5
Stddev	29.6	193.	69.3	2.434	24.7
%RSD	1.2245	.69700	2.0135	3.0270	1.0233

#1	2389.5	27710.	3407.8	79.991	2383.1
#2	2426.8	27948.	3519.0	83.025	2413.4
#3	2448.0	27565.	3391.9	78.211	2431.9

Sample Name: CCV09 Acquired: 1/17/2019 21:25:04 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14482 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8876	4.9535	4.9645	4.8762	4.9533	9.8193	9.4537
Stddev	.0120	.0123	.0098	.0040	.0073	.0180	.0481
%RSD	.24443	.24863	.19788	.08187	.14657	.18304	.50888

#1	4.8760	4.9671	4.9714	4.8745	4.9522	9.8322	9.4021
#2	4.8868	4.9432	4.9533	4.8807	4.9466	9.7987	9.4973
#3	4.8999	4.9502	4.9689	4.8733	4.9610	9.8269	9.4618

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24586	2.4544	24.391	.99088	2.4001	1.2249	5.1185
Stddev	.00058	.0064	.109	.00383	.0046	.0034	.0485
%RSD	.23669	.26073	.44557	.38678	.19207	.28163	.94670

#1	.24559	2.4611	24.310	.98669	2.4047	1.2235	5.1526
#2	.24545	2.4484	24.347	.99175	2.3955	1.2225	5.0630
#3	.24652	2.4536	24.514	.99421	2.4002	1.2289	5.1398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4343	23.124	2.4074	1.2854	23.488	2.3884	2.3822
Stddev	.0041	.184	.0041	.0074	.101	.0036	.0248
%RSD	.16733	.79499	.16885	.57400	.43154	.15004	1.0425

#1	2.4296	23.009	2.4115	1.2799	23.390	2.3842	2.3993
#2	2.4366	23.028	2.4034	1.2825	23.592	2.3903	2.3537
#3	2.4366	23.336	2.4071	1.2938	23.481	2.3906	2.3937

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.548	4.8386	4.7791	5.0769	4.6606	4.9545	4.9558
Stddev	.102	.0014	.0147	.1282	.0298	.0147	.0100
%RSD	.43262	.02899	.30708	2.5250	.64020	.29733	.20171

#1	23.435	4.8401	4.7802	5.2219	4.6412	4.9690	4.9553
#2	23.632	4.8383	4.7640	5.0301	4.6456	4.9396	4.9460
#3	23.578	4.8374	4.7933	4.9787	4.6950	4.9549	4.9660

Sample Name: CCV09 Acquired: 1/17/2019 21:25:04 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14482 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.7242	4.935	4.9450	F 4.2619	F<.00000
Stddev	.0239	.017	.0266	.1113	1.0094
%RSD	.50475	.3467	.53713	2.6104	8.1114
#1	4.6968	4.955	4.9144	4.2182	-12.056
#2	4.7399	4.924	4.9612	4.1791	-11.687
#3	4.7361	4.927	4.9596	4.3884	-13.590
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3175.9	38743.	3862.4	92.070	3462.7
Stddev	3.2	70.	9.2	.813	10.6
%RSD	.10103	.18038	.23832	.88270	.30585
#1	3174.2	38823.	3872.5	91.372	3450.9
#2	3174.0	38712.	3860.0	92.962	3465.6
#3	3179.6	38694.	3854.6	91.874	3471.5

Sample Name: CCB09 Acquired: 1/17/2019 21:29:05 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14482 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	.00012	-.00174	-.00285	-.00144	-.01947	-.00288
Stddev	.00113	.00038	.00110	.00262	.00094	.00379	.00087
%RSD	75.098	316.89	63.352	92.169	64.985	19.470	30.287

#1	-.00226	.00040	-.00049	-.00545	-.00243	-.02032	-.00331
#2	-.00021	.00027	-.00214	-.00020	-.00058	-.02276	-.00344
#3	-.00205	-.00031	-.00258	-.00289	-.00131	-.01532	-.00187

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00020	.01633	.00015	-.00039	-.00091	F .02792
Stddev	.00016	.00003	.01464	.00033	.00010	.00033	.00711
%RSD	143.45	16.296	89.668	221.49	26.879	36.466	25.465

#1	.00016	.00018	.01387	-.00023	-.00027	-.00129	.02944
#2	.00025	.00023	.00307	.00033	-.00043	-.00074	.03414
#3	-.00007	.00018	.03205	.00034	-.00047	-.00070	.02017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.00941	-.00120	.00163	F 1.2919	.00020	-.00070
Stddev	.00003	.06467	.00041	.00078	.0029	.00020	.00016
%RSD	18.111	687.64	34.140	47.884	.22684	100.58	22.683

#1	-.00020	.07371	-.00125	.00190	1.2951	.00044	-.00052
#2	-.00015	.01013	-.00159	.00224	1.2910	.00010	-.00081
#3	-.00015	-.05563	-.00077	.00075	1.2894	.00007	-.00078

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15860	.00052	.00728	F .03836	-.00011	-.00681	.00337
Stddev	.03044	.00019	.00118	.00635	.00140	.00052	.00310
%RSD	19.193	36.569	16.147	16.543	1314.8	7.6891	91.914

#1	-.12407	.00031	.00800	.04315	.00086	-.00654	.00492
#2	-.18154	.00067	.00793	.04078	-.00171	-.00741	-.00020
#3	-.17020	.00059	.00593	.03116	.00053	-.00647	.00539

Sample Name: CCB09 Acquired: 1/17/2019 21:29:05 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14482 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01170	.0002	-.00024	F 3.3309	F<.00000
Stddev	.00058	.0010	.00006	.0792	3.1150
%RSD	4.9712	528.1	24.104	2.3766	23.334
#1	-.01162	.0002	-.00021	3.4035	-16.131
#2	-.01116	.0012	-.00020	3.3427	-13.934
#3	-.01232	-.0008	-.00031	3.2465	-9.9840
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3307.0	40736.	3890.9	97.078	3868.6
Stddev	4.6	16.	40.4	2.712	8.1
%RSD	.13871	.03849	1.0394	2.7939	.20955
#1	3302.0	40748.	3877.1	95.592	3866.5
#2	3308.2	40743.	3936.4	100.21	3861.7
#3	3310.9	40718.	3859.1	95.433	3877.5

Sample Name: K1164-01LX5 Acquired: 1/17/2019 21:33:35 Type: Unk
Method: P4-ICP2(v2751) 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	-.00798	.00013	.00347	-.00318	-.00093	-.03177	-.00116	.00007
Stddev	.00390	.00093	.00058	.00413	.00158	.00856	.00033	.00005
%RSD	48.906	690.78	16.836	129.98	169.84	26.937	28.772	81.025

#1	-.01077	.00028	.00296	-.00473	-.00269	-.03679	-.00102	.00013
#2	-.00964	.00098	.00334	-.00632	.00037	-.03664	-.00154	.00003
#3	-.00352	-.00086	.00411	.00150	-.00048	-.02189	-.00092	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	45.997	.00031	-.00041	-.00015	-.00439	.00159	133.91
Stddev	.00001	.362	.00013	.00040	.00005	.00546	.00005	.64
%RSD	2.2449	.78686	42.177	97.630	34.236	124.30	3.3601	.47768

#1	-.00031	45.739	.00021	-.00035	-.00009	-.00528	.00165	133.42
#2	-.00030	45.842	.00026	-.00005	-.00019	-.00935	.00155	133.68
#3	-.00031	46.411	.00046	-.00084	-.00017	.00146	.00158	134.64

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00432	.00350	977.33	-.00044	.00026	42.266	.00171	.46504
Stddev	.00072	.00055	13.98	.00008	.00002	.393	.00056	.01801
%RSD	16.603	15.835	1.4305	17.541	9.6621	.92997	33.049	3.8731

#1	-.00383	.00348	991.64	-.00048	.00028	42.195	.00205	.47436
#2	-.00514	.00295	963.70	-.00048	.00025	41.913	.00202	.44428
#3	-.00398	.00405	976.66	-.00035	.00024	42.689	.00106	.47648

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 101.85	.22792	-.04286	-.00062	.01645	.0090	.81724	5.5643
Stddev	.47	.00310	.00134	.00257	.00414	.0008	.01040	.1257
%RSD	.45840	1.3609	3.1294	416.19	25.172	8.843	1.2720	2.2585

#1	102.20	.22794	-.04395	-.00079	.01167	.0081	.81499	5.6899
#2	102.03	.22480	-.04326	-.00310	.01876	.0093	.80816	5.5644
#3	101.32	.23101	-.04136	.00203	.01891	.0096	.82858	5.4385

Sample Name: K1164-01LX5 Acquired: 1/17/2019 21:33:35 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.5216
Stddev	2.3232
%RSD	65.969

#1	1.2618
#2	3.3997
#3	5.9033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2911.6	33942.	3702.1	91.497	3052.6
Stddev	20.0	162.	37.0	1.299	20.7
%RSD	.68543	.47645	.99995	1.4193	.67754

#1	2903.9	33755.	3676.5	92.847	3052.1
#2	2896.6	34037.	3744.5	91.386	3032.2
#3	2934.3	34033.	3685.3	90.257	3073.6

Sample Name: K1164-01MS Acquired: 1/17/2019 21:38:09 Type: Unk
Method: P4-ICP2(v2751) 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	.99635	2.1144	1.1369	2.4913	1.0067	2.7020	.23381
Stddev	.00630	.0015	.0043	.0189	.0112	.0371	.00144
%RSD	.63184	.06903	.37716	.76033	1.1150	1.3726	.61723

#1	.98915	2.1161	1.1321	2.4861	.99617	2.6649	.23240
#2	1.0008	2.1133	1.1387	2.4755	1.0055	2.7019	.23529
#3	.99906	2.1138	1.1401	2.5123	1.0185	2.7391	.23374

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28115	.22675	213.63	.45242	.22833	.31722	3.3583
Stddev	.00036	.00030	2.19	.00156	.00036	.00172	.0617
%RSD	.12811	.13066	1.0243	.34472	.15776	.54098	1.8385

#1	.28089	.22657	214.51	.45313	.22800	.31524	3.4059
#2	.28101	.22710	215.25	.45064	.22871	.31813	3.2885
#3	.28156	.22659	211.14	.45351	.22828	.31830	3.3805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23466	645.81	.55680	.10751	F 3128.7	.34919	.21669
Stddev	.00061	8.51	.00114	.00086	131.0	.00036	.00260
%RSD	.25897	1.3175	.20417	.79709	4.1876	.10353	1.1982

#1	.23409	649.35	.55564	.10804	3279.5	.34923	.21854
#2	.23459	651.97	.55792	.10797	3062.7	.34881	.21373
#3	.23530	636.10	.55685	.10652	3043.8	.34953	.21782

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	242.87	.45310	2.5686	F 554.55	2.0841	.63261	.22790
Stddev	2.32	.00045	.0133	1.83	.0257	.00253	.00313
%RSD	.95521	.09870	.51673	.33011	1.2339	.40044	1.3745

#1	242.97	.45334	2.5566	554.26	2.0979	.63151	.22682
#2	245.14	.45258	2.5829	552.88	2.1000	.63551	.23143
#3	240.50	.45338	2.5664	556.51	2.0544	.63081	.22545

Sample Name: K1164-01MS Acquired: 1/17/2019 21:38:09 Type: Unk
Method: P4-ICP2(v2751) 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	.35706	8.640	4.2385	7.3950	F<.00000
Stddev	.00184	.035	.0452	.0368	3.2897
%RSD	.51650	.4050	1.0653	.49795	279.63
#1	.35498	8.600	4.2506	7.4054	-1.3350
#2	.35772	8.665	4.2764	7.3541	2.1897
#3	.35848	8.655	4.1885	7.4254	-4.3840
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2470.9	28641.	3434.6	82.564	2444.3
Stddev	4.0	90.	31.7	1.406	6.0
%RSD	.16162	.31308	.92251	1.7025	.24690
#1	2466.6	28726.	3425.1	81.200	2437.4
#2	2474.5	28651.	3408.8	84.008	2447.4
#3	2471.6	28547.	3470.0	82.484	2448.2

Sample Name: K1164-01MSD Acquired: 1/17/2019 21:42:23 Type: Unk
Method: P4-ICP2(v2751) 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	1.0300	2.1739	1.1587	2.5951	1.0373	2.7154	.23552
Stddev	.0162	.0086	.0103	.0367	.0123	.0514	.00293
%RSD	1.5709	.39639	.88938	1.4160	1.1816	1.8936	1.2452

#1	1.0168	2.1641	1.1468	2.5569	1.0258	2.7683	.23606
#2	1.0480	2.1774	1.1636	2.6301	1.0502	2.7123	.23236
#3	1.0251	2.1802	1.1656	2.5984	1.0358	2.6656	.23815

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28538	.23258	214.01	.45671	.23410	.32669	3.3434
Stddev	.00049	.00160	2.04	.00176	.00249	.00419	.0641
%RSD	.17086	.68596	.95522	.38591	1.0653	1.2819	1.9178

#1	.28581	.23076	212.46	.45851	.23123	.32329	3.2842
#2	.28548	.23330	213.23	.45663	.23539	.33137	3.3346
#3	.28485	.23369	216.32	.45499	.23569	.32543	3.4115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23697	645.45	.57097	.10884	F 2804.0	.35059	.21996
Stddev	.00020	5.91	.00449	.00078	116.3	.00048	.00423
%RSD	.08378	.91543	.78665	.71503	4.1483	.13772	1.9250

#1	.23706	645.64	.56609	.10901	2929.8	.35096	.21658
#2	.23711	639.45	.57188	.10951	2781.9	.35004	.21859
#3	.23674	651.26	.57493	.10799	2700.4	.35076	.22471

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	246.04	.46381	2.6031	F 569.90	2.1122	.64321	.22881
Stddev	2.79	.00469	.0244	5.04	.0298	.00470	.00042
%RSD	1.1329	1.0112	.93541	.88470	1.4114	.73128	.18510

#1	244.77	.45846	2.5785	564.12	2.0866	.63778	.22895
#2	244.11	.46723	2.6036	573.36	2.1051	.64570	.22914
#3	249.23	.46573	2.6272	572.24	2.1449	.64615	.22833

Sample Name: K1164-01MSD Acquired: 1/17/2019 21:42:23 Type: Unk
 Method: P4-ICP2(v2751) 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	.35449	8.899	4.2513	7.2891	F<.00000
Stddev	.00313	.070	.0321	.0532	1.6868
%RSD	.88394	.7869	.75493	.73006	69.045
#1	.35806	8.820	4.2305	7.3438	-3.5317
#2	.35322	8.953	4.2351	7.2861	-.50001
#3	.35219	8.923	4.2882	7.2375	-3.2976
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2431.7	28741.	3447.4	82.655	2411.1
Stddev	27.4	97.	36.1	1.656	25.6
%RSD	1.1257	.33743	1.0471	2.0040	1.0597
#1	2461.5	28631.	3464.4	84.025	2440.4
#2	2407.7	28812.	3471.8	83.125	2393.4
#3	2426.0	28781.	3405.9	80.814	2399.5

Sample Name: K1164-01A Acquired: 1/17/2019 21:46:39 Type: Unk
Method: P4-ICP2(v2751) 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	1.0490	2.1963	1.1829	2.6287	1.0622	2.7864	.24440
Stddev	.0072	.0120	.0024	.0157	.0057	.0352	.00140
%RSD	.68972	.54811	.20097	.59686	.53434	1.2641	.57273

#1	1.0407	2.2088	1.1811	2.6138	1.0605	2.7702	.24363
#2	1.0542	2.1952	1.1856	2.6271	1.0576	2.8268	.24601
#3	1.0520	2.1848	1.1820	2.6451	1.0686	2.7621	.24356

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29030	.23706	220.65	.46419	.23851	.33071	3.3923
Stddev	.00163	.00040	1.26	.00228	.00026	.00142	.1169
%RSD	.56035	.16857	.57136	.49123	.10927	.42826	3.4465

#1	.28975	.23681	219.35	.46156	.23826	.32914	3.2581
#2	.28901	.23686	221.87	.46565	.23848	.33112	3.4464
#3	.29212	.23753	220.72	.46535	.23878	.33188	3.4724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24042	662.45	.58352	.11074	F 2765.5	.35738	.21954
Stddev	.00065	1.05	.00115	.00089	151.9	.00142	.00680
%RSD	.27149	.15888	.19766	.80098	5.4907	.39662	3.0974

#1	.23969	661.62	.58250	.11074	2932.6	.35797	.21283
#2	.24064	663.64	.58329	.10985	2728.0	.35576	.21935
#3	.24094	662.10	.58477	.11162	2635.9	.35840	.22643

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	255.07	.47719	2.6761	F 586.77	2.1642	.65785	.23932
Stddev	1.44	.00163	.0017	1.98	.0216	.00716	.00243
%RSD	.56576	.34083	.06415	.33812	.99766	1.0889	1.0137

#1	253.44	.47559	2.6780	584.61	2.1775	.65006	.23679
#2	256.18	.47716	2.6748	587.16	2.1393	.65933	.24163
#3	255.59	.47884	2.6753	588.52	2.1759	.66416	.23953

Sample Name: K1164-01A Acquired: 1/17/2019 21:46:39 Type: Unk
Method: P4-ICP2(v2751) 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	.37013	9.105	4.4007	7.3665	F<.00000
Stddev	.00187	.052	.0245	.0804	2.4149
%RSD	.50431	.5754	.55682	1.0915	66.849
#1	.36907	9.053	4.3777	7.3672	-5.3330
#2	.37229	9.103	4.4265	7.2857	-4.6525
#3	.36904	9.158	4.3978	7.4465	-.85179
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2443.5	28607.	3423.9	83.622	2407.4
Stddev	19.7	132.	4.5	1.907	17.9
%RSD	.80699	.46061	.13202	2.2800	.74257
#1	2421.8	28638.	3419.1	85.470	2389.2
#2	2448.6	28721.	3424.5	83.733	2408.1
#3	2460.2	28463.	3428.1	81.662	2424.9

Sample Name: K1164-02 Acquired: 1/17/2019 21:50:52 Type: Unk
Method: P4-ICP2(v2751) 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	-.00752	.00061	.00460	-.00499	.00022	-.04579	.01371	.00013
Stddev	.00309	.00150	.00042	.00261	.00205	.00737	.00130	.00002
%RSD	41.144	245.63	9.2074	52.184	923.12	16.091	9.4759	16.039

#1	-.00739	.00124	.00443	-.00251	.00234	-.04310	.01470	.00015
#2	-.01067	-.00110	.00428	-.00477	-.00175	-.04015	.01224	.00013
#3	-.00449	.00169	.00508	-.00770	.00007	-.05413	.01418	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	59.357	.00003	-.00035	-.00045	.03065	.00767	126.02
Stddev	.00004	.356	.00049	.00017	.00012	.00876	.00002	.68
%RSD	13.495	.59975	1624.0	49.480	25.950	28.597	.31769	.53816

#1	-.00035	59.150	-.00035	-.00048	-.00042	.03130	.00764	125.73
#2	-.00027	59.152	.00058	-.00041	-.00035	.02157	.00768	125.53
#3	-.00035	59.768	-.00014	-.00015	-.00057	.03907	.00768	126.79

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00384	.00382	917.76	-.00042	.00054	41.264	.00198	.45388
Stddev	.00030	.00028	6.65	.00043	.00009	.059	.00024	.02680
%RSD	7.9004	7.2369	.72447	100.65	15.811	.14303	12.368	5.9047

#1	-.00403	.00410	917.26	.00003	.00064	41.280	.00177	.48350
#2	-.00400	.00355	911.38	-.00048	.00049	41.199	.00225	.43132
#3	-.00349	.00380	924.65	-.00082	.00049	41.313	.00192	.44681

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 95.801	2.1629	-.04048	-.00016	-.00429	.0328	.83144	5.6208
Stddev	.997	.0167	.00089	.00089	.00100	.0024	.00321	.0865
%RSD	1.0412	.76989	2.1878	568.69	23.286	7.327	.38636	1.5394

#1	96.625	2.1658	-.03995	.00078	-.00381	.0309	.82895	5.7154
#2	96.086	2.1450	-.04151	-.00024	-.00544	.0320	.83030	5.6012
#3	94.692	2.1780	-.04000	-.00100	-.00362	.0355	.83506	5.5457

Sample Name: K1164-02 Acquired: 1/17/2019 21:50:52 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.2418
Stddev	1.6173
%RSD	38.128

#1	5.7644
#2	2.5440
#3	4.4171

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2910.5	33919.	3625.5	90.058	3076.8
Stddev	13.8	123.	31.4	1.837	14.9
%RSD	.47470	.36337	.86700	2.0398	.48339

#1	2896.5	33853.	3608.5	89.538	3062.1
#2	2911.0	33844.	3661.8	92.099	3076.4
#3	2924.1	34062.	3606.4	88.538	3091.8

Sample Name: K1164-03 Acquired: 1/17/2019 21:55:26 Type: Unk
Method: P4-ICP2(v2751) 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	-.00906	-.00011	.00423	-.00721	-.00300	-.01999	.01331	.00012
Stddev	.00189	.00108	.00144	.00342	.00152	.00931	.00126	.00005
%RSD	20.857	971.90	34.021	47.397	50.791	46.573	9.4695	37.842
#1	-.00734	.00015	.00342	-.00788	-.00444	-.02591	.01472	.00014
#2	-.01108	-.00130	.00337	-.00351	-.00314	-.00926	.01291	.00007
#3	-.00875	.00082	.00589	-.01024	-.00141	-.02481	.01230	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	55.171	-.00013	-.00035	-.00043	.02378	.00743	115.15
Stddev	.00006	.692	.00052	.00033	.00042	.01049	.00007	1.05
%RSD	19.286	1.2551	405.09	95.364	97.967	44.103	.89109	.90958
#1	-.00036	55.965	-.00007	-.00050	-.00036	.03471	.00745	116.16
#2	-.00025	54.696	.00036	.00003	-.00088	.02285	.00735	114.07
#3	-.00031	54.851	-.00067	-.00058	-.00005	.01379	.00748	115.23
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00412	.00345	850.17	.00020	.00078	36.647	.00192	.40442
Stddev	.00020	.00030	16.96	.00012	.00012	.321	.00030	.00757
%RSD	4.7391	8.6992	1.9949	59.575	14.820	.87614	15.568	1.8725
#1	-.00390	.00335	869.75	.00008	.00091	37.013	.00214	.39578
#2	-.00428	.00322	840.10	.00032	.00070	36.412	.00204	.40991
#3	-.00416	.00379	840.67	.00021	.00073	36.516	.00158	.40757
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 87.582	2.1504	-.03740	.00083	-.00268	.0335	.75566	5.0292
Stddev	.137	.0575	.00052	.00211	.00328	.0009	.00806	.1771
%RSD	.15595	2.6722	1.3832	255.60	122.43	2.753	1.0661	3.5212
#1	87.485	2.2167	-.03799	-.00129	.00092	.0325	.76490	4.8511
#2	87.523	2.1201	-.03701	.00293	-.00346	.0342	.75009	5.0313
#3	87.738	2.1144	-.03720	.00084	-.00549	.0338	.75200	5.2053

Sample Name: K1164-03 Acquired: 1/17/2019 21:55:26 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.8252
Stddev	2.6654
%RSD	146.03

#1	4.8940
#2	.08744
#3	.49428

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2949.3	35057.	3736.6	91.466	3129.5
Stddev	32.7	202.	56.5	2.146	27.9
%RSD	1.1100	.57535	1.5128	2.3458	.89234

#1	2946.5	35102.	3674.6	89.474	3130.1
#2	2983.3	35232.	3785.2	93.738	3157.1
#3	2918.0	34837.	3749.9	91.187	3101.3

Sample Name: K1164-04 Acquired: 1/17/2019 21:59:59 Type: Unk
Method: P4-ICP2(v2751) 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	-.01014	.00134	.00663	-.00779	-.00254	-.04813	.01328	.00014
Stddev	.00317	.00092	.00031	.00079	.00083	.03154	.00052	.00008
%RSD	31.260	68.254	4.7177	10.200	32.590	65.533	3.9280	56.899
#1	-.01378	.00032	.00699	-.00717	-.00170	-.04941	.01287	.00006
#2	-.00793	.00163	.00644	-.00751	-.00335	-.01597	.01387	.00022
#3	-.00872	.00208	.00646	-.00868	-.00257	-.07902	.01312	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	98.862	-.00037	-.00002	.00073	.00467	.00828	256.83
Stddev	.00011	.884	.00109	.00034	.00078	.00508	.00012	3.19
%RSD	19.841	.89412	293.80	1399.9	106.89	108.80	1.4797	1.2412
#1	-.00044	99.882	-.00106	-.00002	.00106	.00934	.00831	260.37
#2	-.00065	98.358	-.00094	.00031	.00130	-.00074	.00839	255.92
#3	-.00063	98.345	.00088	-.00037	-.00016	.00542	.00815	254.19
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00505	.00371	1713.5	.00005	.00082	85.546	.00315	.88864
Stddev	.00026	.00024	27.6	.00068	.00004	.930	.00077	.01462
%RSD	5.0915	6.3437	1.6080	1436.5	5.0002	1.0866	24.598	1.6452
#1	-.00476	.00361	1744.9	-.00043	.00079	86.585	.00233	.90338
#2	-.00524	.00355	1693.5	-.00025	.00081	84.792	.00387	.87415
#3	-.00516	.00398	1702.0	.00082	.00087	85.261	.00323	.88838
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 206.30	1.8870	-.08092	-.00120	.02073	.0429	1.6258	6.3077
Stddev	.71	.0269	.00075	.00090	.00149	.0016	.0117	.0661
%RSD	.34192	1.4274	.92498	74.827	7.1782	3.682	.71927	1.0476
#1	207.10	1.9129	-.08129	-.00217	.01904	.0412	1.6390	6.2433
#2	206.00	1.8592	-.08142	-.00039	.02184	.0444	1.6168	6.3754
#3	205.79	1.8889	-.08006	-.00105	.02132	.0430	1.6217	6.3044

Sample Name: K1164-04 Acquired: 1/17/2019 21:59:59 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.2028
Stddev	1.3585
%RSD	26.111

#1	5.1584
#2	3.8670
#3	6.5829

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2727.8	31554.	3514.0	85.510	2808.4
Stddev	10.1	102.	34.7	.714	4.7
%RSD	.36864	.32178	.98875	.83459	.16894

#1	2739.2	31539.	3475.4	85.341	2812.2
#2	2720.1	31461.	3542.7	86.293	2809.8
#3	2724.2	31662.	3524.0	84.897	2803.1

Sample Name: K1164-05 Acquired: 1/17/2019 22:04:33 Type: Unk
Method: P4-ICP2(v2751) 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	-.00693	-.00014	.00361	-.00878	-.00238	-.02631	.01146	.00009
Stddev	.00315	.00058	.00100	.00165	.00207	.01616	.00068	.00004
%RSD	45.407	402.26	27.821	18.769	86.973	61.424	5.9610	45.640
#1	-.00775	-.00016	.00254	-.01064	.00000	-.01101	.01117	.00014
#2	-.00346	-.00072	.00375	-.00752	-.00372	-.02471	.01224	.00007
#3	-.00959	.00044	.00454	-.00817	-.00343	-.04322	.01097	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	50.499	.00052	-.00023	-.00049	.02328	.00708	100.32
Stddev	.00003	.525	.00018	.00031	.00005	.01840	.00006	.74
%RSD	12.548	1.0406	35.267	136.30	10.059	79.048	.79451	.73992
#1	-.00023	51.074	.00068	-.00007	-.00044	.02591	.00713	101.09
#2	-.00020	50.380	.00057	-.00059	-.00054	.04022	.00710	100.26
#3	-.00018	50.043	.00032	-.00003	-.00050	.00370	.00702	99.610
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00379	.00300	755.73	-.00002	.00039	32.184	.00178	.35731
Stddev	.00042	.00044	3.21	.00029	.00012	.312	.00012	.01026
%RSD	11.036	14.802	.42431	1712.4	31.503	.96929	6.6496	2.8726
#1	-.00337	.00346	759.22	-.00031	.00045	32.522	.00192	.34845
#2	-.00379	.00297	755.04	.00028	.00025	32.125	.00173	.35490
#3	-.00420	.00257	752.92	-.00002	.00048	31.907	.00170	.36856
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 74.500	2.1266	-.03292	.00011	-.00719	.0302	.67296	5.0909
Stddev	.213	.0230	.00037	.00203	.00240	.0022	.00593	.0493
%RSD	.28619	1.0830	1.1112	1832.7	33.419	7.413	.88129	.96878
#1	74.255	2.1531	-.03271	-.00223	-.00671	.0326	.67977	5.1478
#2	74.610	2.1148	-.03271	.00138	-.00979	.0282	.67021	5.0615
#3	74.636	2.1118	-.03334	.00118	-.00506	.0298	.66890	5.0633

Sample Name: K1164-05 Acquired: 1/17/2019 22:04:33 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.45312
Stddev	.90371
%RSD	199.44

#1	1.4777
#2	-.23038
#3	.11200

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2962.0	35244.	3752.9	91.659	3156.4
Stddev	13.0	122.	44.9	1.663	13.2
%RSD	.43793	.34663	1.1960	1.8140	.41815

#1	2976.9	35165.	3705.4	89.785	3171.3
#2	2953.2	35181.	3758.7	92.957	3146.0
#3	2956.0	35384.	3794.7	92.236	3152.0

Sample Name: K1164-06 Acquired: 1/17/2019 22:09:07 Type: Unk
Method: P4-ICP2(v2751) 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	-.00332	-.00070	.00296	-.00717	-.00287	-.02226	.01253	.00015
Stddev	.00532	.00048	.00038	.00368	.00130	.00786	.00059	.00007
%RSD	160.34	68.481	12.923	51.336	45.141	35.304	4.7424	44.976
#1	-.00048	-.00021	.00339	-.00818	-.00161	-.02225	.01205	.00014
#2	-.00946	-.00116	.00284	-.01023	-.00282	-.03013	.01234	.00009
#3	-.00002	-.00073	.00265	-.00309	-.00420	-.01441	.01320	.00022
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	45.527	.00027	-.00027	.00001	.02591	.00726	81.466
Stddev	.00008	.167	.00033	.00014	.00036	.01124	.00005	.384
%RSD	36.495	.36674	121.15	53.856	3527.5	43.407	.71840	.47126
#1	-.00028	45.358	-.00011	-.00012	.00008	.02768	.00730	81.897
#2	-.00013	45.691	.00050	-.00041	.00033	.03616	.00720	81.341
#3	-.00020	45.532	.00043	-.00027	-.00038	.01388	.00728	81.160
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00339	.00276	625.28	-.00030	.00070	25.773	.00130	.28035
Stddev	.00093	.00026	.48	.00033	.00003	.195	.00005	.01779
%RSD	27.504	9.6068	.07682	110.41	4.2204	.75585	4.1565	6.3462
#1	-.00307	.00246	624.72	-.00008	.00072	25.933	.00126	.26007
#2	-.00266	.00297	625.55	-.00067	.00067	25.556	.00136	.29332
#3	-.00444	.00284	625.56	-.00013	.00072	25.831	.00129	.28767
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 60.295	2.1994	-.02866	.00075	-.00883	.0286	.56090	4.7549
Stddev	.085	.0237	.00064	.00119	.00165	.0024	.00146	.0563
%RSD	.14045	1.0775	2.2381	158.72	18.742	8.541	.26008	1.1848
#1	60.256	2.2255	-.02797	.00042	-.00702	.0312	.56159	4.7524
#2	60.237	2.1936	-.02925	.00207	-.01028	.0263	.55922	4.6998
#3	60.392	2.1791	-.02875	-.00024	-.00918	.0284	.56189	4.8124

Sample Name: K1164-06 Acquired: 1/17/2019 22:09:07 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.1562
Stddev	.0915
%RSD	4.2443

#1	2.2574
#2	2.0793
#3	2.1319

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2987.4	35792.	3733.9	92.836	3210.1
Stddev	1.7	71.	16.7	.572	2.8
%RSD	.05742	.19724	.44753	.61630	.08621

#1	2988.2	35815.	3717.4	93.059	3207.0
#2	2985.4	35848.	3750.8	92.187	3212.1
#3	2988.6	35712.	3733.4	93.264	3211.4

Sample Name: K1164-07 Acquired: 1/17/2019 22:13:41 Type: Unk
Method: P4-ICP2(v2751) 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	-.00941	.00021	.00426	-.00673	-.00265	-.02567	.01484	.00017
Stddev	.00215	.00014	.00045	.00071	.00059	.00756	.00123	.00007
%RSD	22.839	64.904	10.477	10.612	22.299	29.446	8.2960	43.938
#1	-.00916	.00018	.00470	-.00646	-.00203	-.02367	.01453	.00014
#2	-.00739	.00010	.00427	-.00620	-.00273	-.03404	.01620	.00025
#3	-.01167	.00037	.00381	-.00754	-.00320	-.01932	.01380	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	60.688	.00039	-.00034	-.00001	.02498	.00816	130.03
Stddev	.00016	.315	.00039	.00010	.00025	.00979	.00002	.78
%RSD	45.769	.51843	100.21	28.172	1893.2	39.178	.25597	.59649
#1	-.00036	60.884	-.00006	-.00034	-.00013	.02055	.00814	130.92
#2	-.00019	60.325	.00060	-.00024	-.00019	.01819	.00818	129.69
#3	-.00051	60.854	.00062	-.00044	.00028	.03619	.00816	129.49
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00292	.00284	987.14	-.00031	.00097	41.893	.00188	.44827
Stddev	.00023	.00018	4.06	.00035	.00010	.136	.00019	.02171
%RSD	7.9540	6.2457	.41113	113.99	10.494	.32447	10.223	4.8432
#1	-.00266	.00292	987.62	-.00051	.00106	42.028	.00185	.45946
#2	-.00310	.00296	990.94	-.00052	.00086	41.756	.00209	.46210
#3	-.00301	.00264	982.86	.00010	.00098	41.895	.00171	.42325
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 97.840	2.1277	-.04183	.00082	-.00330	.0332	.85849	5.5783
Stddev	.125	.0092	.00031	.00277	.00065	.0005	.00183	.0850
%RSD	.12731	.43440	.73895	336.42	19.741	1.490	.21292	1.5237
#1	97.739	2.1382	-.04211	.00339	-.00399	.0337	.85855	5.6694
#2	97.979	2.1241	-.04189	-.00211	-.00270	.0327	.85664	5.5012
#3	97.802	2.1209	-.04150	.00120	-.00319	.0331	.86030	5.5644

Sample Name: K1164-07 Acquired: 1/17/2019 22:13:41 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.7836
Stddev	.3040
%RSD	6.3556

#1	4.5504
#2	5.1275
#3	4.6731

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2826.0	33611.	3585.9	86.381	2996.7
Stddev	6.1	95.	28.8	.746	4.4
%RSD	.21427	.28310	.80299	.86343	.14581

#1	2824.1	33518.	3553.2	85.940	2995.8
#2	2821.2	33709.	3607.7	87.242	2992.9
#3	2832.8	33607.	3596.7	85.961	3001.5

Sample Name: CCV10 Acquired: 1/17/2019 22:18:15 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9649	5.0763	4.9815	4.9709	5.0828	10.139	9.7611
Stddev	.0093	.0104	.0191	.0118	.0136	.082	.0082
%RSD	.18664	.20392	.38388	.23847	.26684	.81170	.08400

#1	4.9646	5.0803	4.9872	4.9592	5.0858	10.050	9.7705
#2	4.9559	5.0646	4.9602	4.9706	5.0680	10.156	9.7574
#3	4.9744	5.0841	4.9971	4.9829	5.0946	10.212	9.7555

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25041	2.4854	25.188	1.0055	2.4386	1.2617	5.3305
Stddev	.00054	.0077	.085	.0031	.0095	.0036	.1222
%RSD	.21635	.30913	.33551	.30978	.39164	.28528	2.2916

#1	.24991	2.4903	25.119	1.0085	2.4418	1.2612	5.1918
#2	.25035	2.4766	25.162	1.0055	2.4278	1.2584	5.4223
#3	.25099	2.4895	25.282	1.0023	2.4461	1.2656	5.3774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4734	23.611	2.4627	1.3040	24.337	2.4619	2.4729
Stddev	.0010	.124	.0096	.0027	.090	.0020	.0435
%RSD	.04115	.52677	.38799	.20473	.37086	.08146	1.7587

#1	2.4746	23.523	2.4688	1.3053	24.321	2.4596	2.4315
#2	2.4731	23.557	2.4517	1.3058	24.435	2.4632	2.5182
#3	2.4726	23.753	2.4676	1.3009	24.256	2.4629	2.4691

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.723	5.0327	4.9106	5.3042	4.7261	4.9892	5.1214
Stddev	.083	.0103	.0277	.1477	.0169	.0185	.0089
%RSD	.33498	.20408	.56334	2.7842	.35828	.36982	.17308

#1	24.805	5.0270	4.8792	5.4672	4.7456	4.9961	5.1122
#2	24.726	5.0265	4.9212	5.2661	4.7153	4.9683	5.1299
#3	24.640	5.0445	4.9314	5.1793	4.7174	5.0033	5.1222

Sample Name: CCV10 Acquired: 1/17/2019 22:18:15 Type: Unk
 Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9657	5.014	5.1020	F 4.4997	F<.00000
Stddev	.0055	.016	.0131	.1191	1.3956
%RSD	.11027	.3129	.25632	2.6461	12.812
#1	4.9595	5.028	5.1125	4.6176	-10.936
#2	4.9699	4.997	5.0874	4.5021	-9.4768
#3	4.9677	5.016	5.1062	4.3795	-12.267
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3029.6	37408.	3707.1	86.452	3322.4
Stddev	12.4	110.	21.1	1.421	16.6
%RSD	.41093	.29425	.56998	1.6435	.49832
#1	3029.1	37281.	3683.1	87.864	3312.1
#2	3042.3	37461.	3715.6	85.023	3341.5
#3	3017.4	37481.	3722.7	86.469	3313.6

Sample Name: CCB10 Acquired: 1/17/2019 22:22:15 Type: Unk
Method: P4-ICP2(v2751) 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	-.00113	.00071	-.00201	-.00325	.00119	-.02116	-.00505
Stddev	.00139	.00074	.00081	.00224	.00151	.00404	.00024
%RSD	123.06	103.82	40.018	68.902	126.03	19.082	4.6549

#1	-.00263	.00127	-.00115	-.00412	.00145	-.02580	-.00522
#2	-.00087	.00098	-.00274	-.00491	.00256	-.01925	-.00516
#3	.00011	-.00012	-.00216	-.00070	-.00042	-.01843	-.00478

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00013	.03725	.00068	-.00030	-.00135	F .02611
Stddev	.00007	.00001	.01773	.00026	.00004	.00023	.00586
%RSD	196.73	10.233	47.590	38.908	14.486	16.830	22.455

#1	.00003	.00014	.03648	.00048	-.00030	-.00137	.02669
#2	-.00003	.00014	.01992	.00058	-.00034	-.00111	.01998
#3	.00011	.00012	.05536	.00098	-.00026	-.00156	.03167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.01664	-.00094	.00169	F 1.8055	-.00030	-.00058
Stddev	.00003	.03798	.00030	.00075	.0316	.00006	.00005
%RSD	9.3996	228.32	31.925	44.172	1.7479	20.068	7.9106

#1	-.00032	.00832	-.00060	.00212	1.8343	-.00032	-.00059
#2	-.00039	.05809	-.00105	.00083	1.8103	-.00035	-.00053
#3	-.00034	-.01650	-.00117	.00212	1.7718	-.00023	-.00062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14248	.00108	-.00191	F .10869	.00127	-.00641	.00336
Stddev	.02656	.00013	.02181	.01281	.00136	.00085	.00178
%RSD	18.643	11.766	1142.9	11.787	107.10	13.247	53.092

#1	-.12368	.00093	-.02393	.12293	.00098	-.00644	.00406
#2	-.13089	.00117	-.00147	.10504	.00275	-.00554	.00468
#3	-.17286	.00114	.01968	.09810	.00008	-.00724	.00133

Sample Name: CCB10 Acquired: 1/17/2019 22:22:15 Type: Unk
Method: P4-ICP2(v2751) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01025	.0004	-.00029	F 3.4094	F<.00000
Stddev	.00308	.0012	.00008	.0998	2.2351
%RSD	30.090	292.4	29.389	2.9277	21.732

#1	-.01375	-.0008	-.00038	3.4735	-11.256
#2	-.00907	.0005	-.00022	3.2944	-11.870
#3	-.00793	.0016	-.00026	3.4603	-7.7284

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3216.6	39904.	3797.8	91.822	3759.8
Stddev	6.4	93.	21.3	1.326	5.0
%RSD	.19796	.23307	.55985	1.4440	.13215

#1	3210.4	39806.	3797.9	92.442	3754.8
#2	3216.3	39915.	3776.4	90.300	3759.9
#3	3223.1	39991.	3818.9	92.725	3764.7