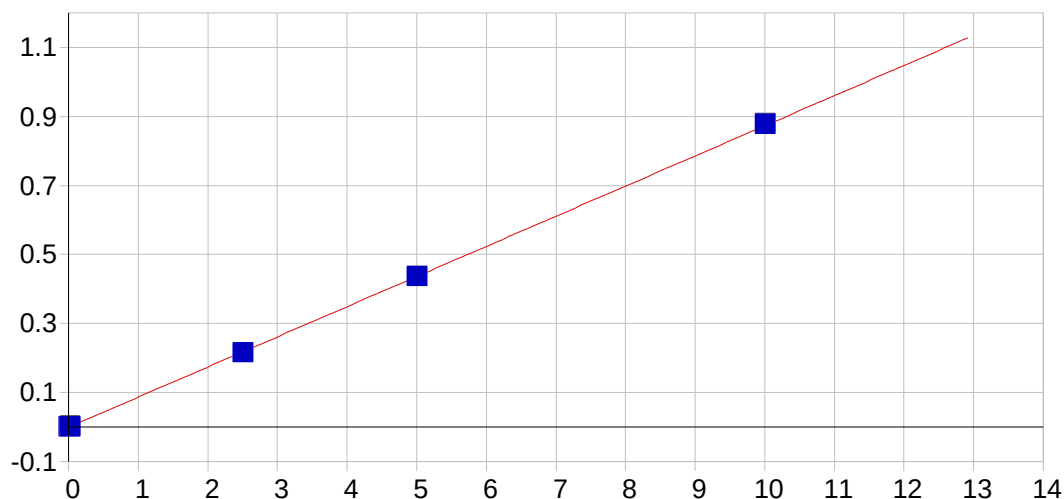




As 189.042 {478}

Date of Fit: 2/19/2019 15:47:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000746

Re-Slope: 1.000000

A1 (Gain): 0.087367

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999977

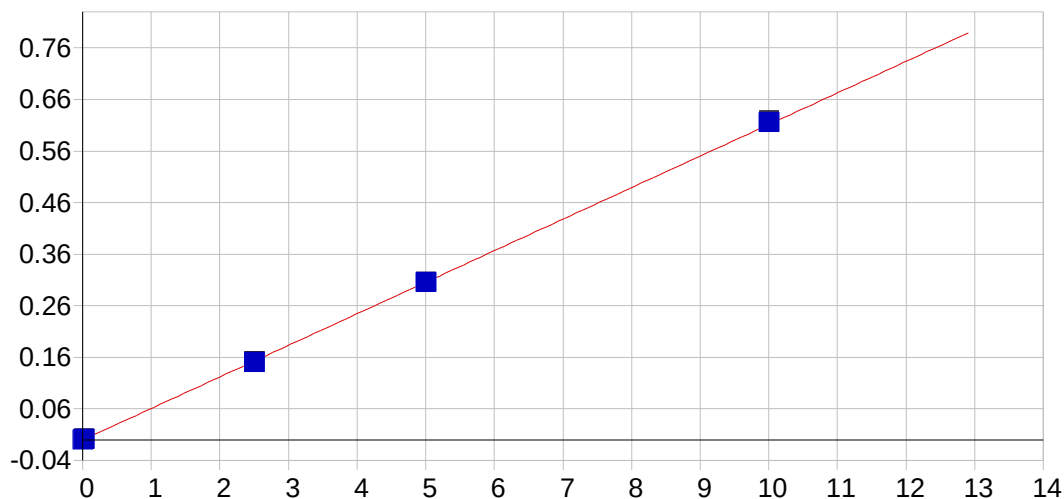
Status: OK.

Std Error of Est: 0.000014

Predicted MDL: 0.002756

Predicted MQL: 0.009187

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00075	.000	1
S1	.02000	.02007	.000	.335	.00101	.000	1
S3	2.5000	2.4625	-.038	-1.50	.21438	.001	1
S4	5.0000	4.9895	-.010	-.210	.43515	.001	1
S5	10.000	10.048	.048	.479	.87706	.002	1



As 189.042 {479}

Date of Fit: 2/19/2019 15:47:36

Type of Fit: Linear

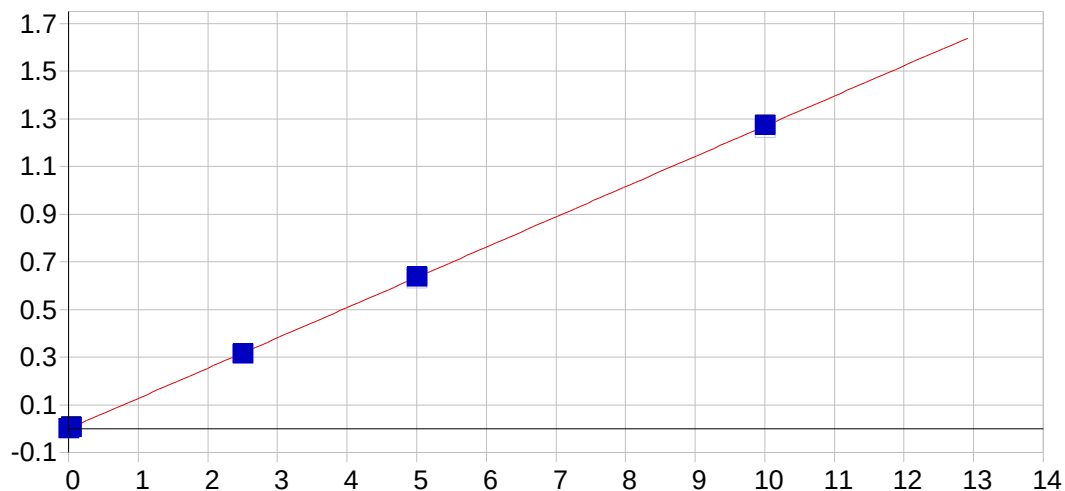
Weighting: 1/Conc

A0 (Offset): -0.000217

Re-Slope: 1.000000

A1 (Gain): 0.061168 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.002574
 Predicted MQL: 0.008581

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.02000	.02004	.000	.225	.00101	.000	1
S3	2.5000	2.4554	-.045	-1.78	.14998	.001	1
S4	5.0000	4.9829	-.017	-.342	.30458	.000	1
S5	10.000	10.062	.062	.616	.61524	.002	1

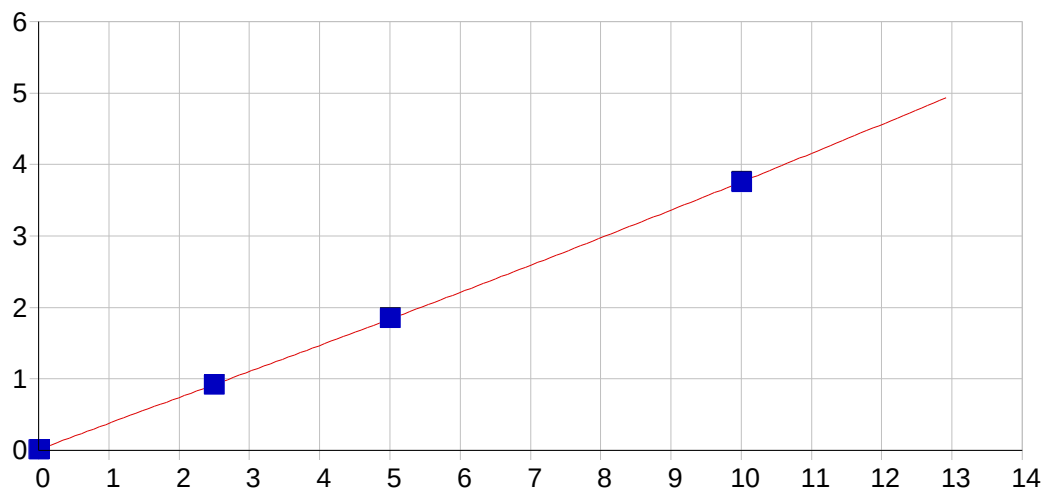


TI 190.856 {477}

Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000029 Re-Slope: 1.000000
 A1 (Gain): 0.126887 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.001537
 Predicted MQL: 0.005125

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00003	.000	1
S1	.04000	.04707	.007	17.7	.00587	.000	1
S3	2.5000	2.4659	-.034	-1.37	.30966	.001	1
S4	5.0000	5.0043	.004	.086	.62851	.001	1
S5	10.000	10.023	.023	.228	1.2588	.002	1



Pb 220.353 {453}

Date of Fit: 2/19/2019 15:47:36

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): 0.006002

Re-Slope: 1.000000

A1 (Gain): 0.368837

Y-int: 0.000000

A2 (Curvature): 0.004637

n (Exponent): 0.960000

Correlation: 0.999987

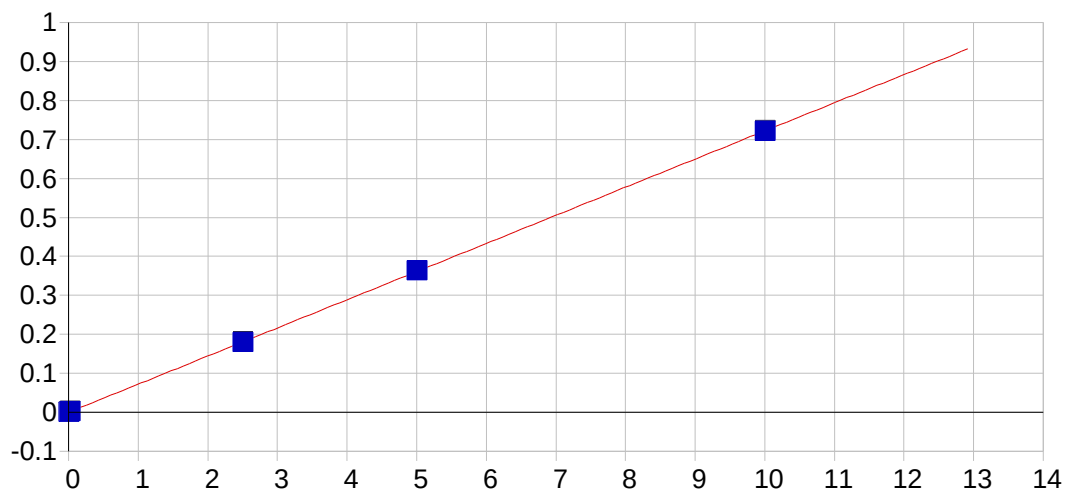
Status: Warning Positive Curvature

Std Error of Est: 0.000060

Predicted MDL: 0.000915

Predicted MQL: 0.003048

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00600	.000	1
S1	.01200	.01263	.001	5.25	.01147	.000	1
S3	2.5000	2.4780	-.022	-.880	.91272	.002	1
S4	5.0000	5.0316	.032	.631	1.8465	.004	1
S5	10.000	9.9900	-.010	-.100	3.7470	.008	1



Se 196.090 {472}

Date of Fit: 2/19/2019 15:47:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000025

Re-Slope: 1.000000

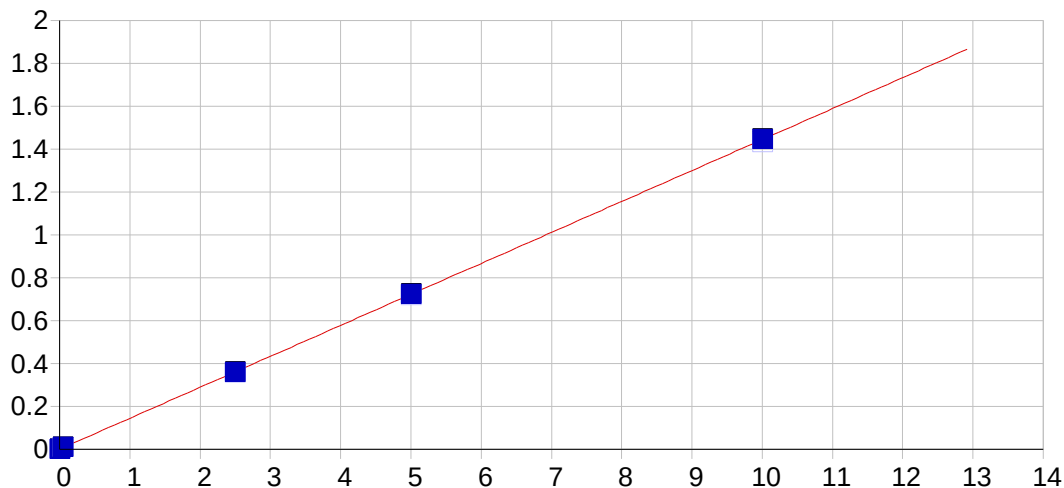
A1 (Gain): 0.072196

Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992
 Std Error of Est: 0.000007
 Predicted MDL: 0.003146
 Predicted MQL: 0.010487

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.02000	.02014	.000	.709	.00143	.000	1
S3	2.5000	2.4799	-.020	-.804	.17899	.001	1
S4	5.0000	5.0251	.025	.501	.36272	.001	1
S5	10.000	9.9949	-.005	-.051	.72148	.002	1



Sb 206.833 {463}

Date of Fit: 2/19/2019 15:47:36

Type of Fit: Linear

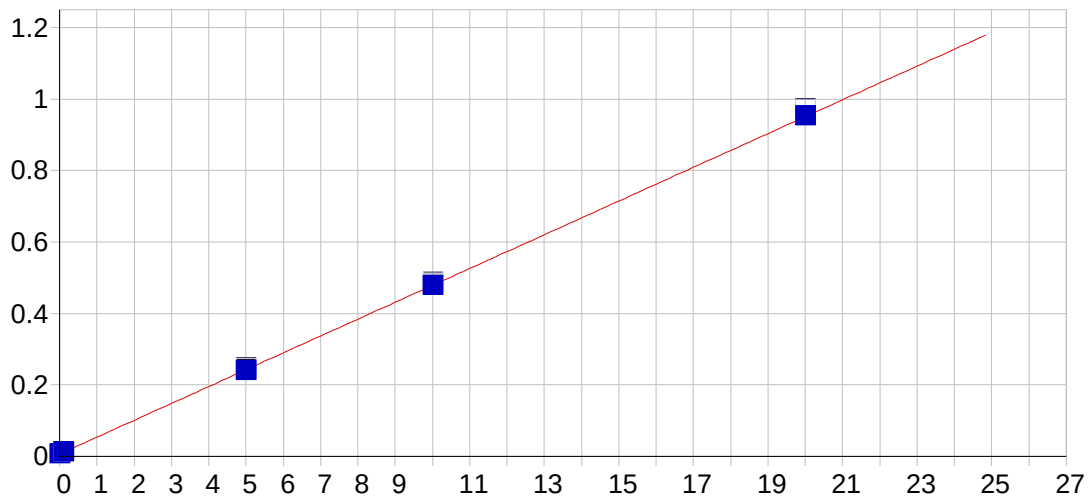
Weighting: 1/Conc

A0 (Offset): 0.000481
 A1 (Gain): 0.144413
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940
 Std Error of Est: 0.000060
 Predicted MDL: 0.001915
 Predicted MQL: 0.006383

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	.00048	.000	1
S1	.05000	.05958	.010	19.2	.00890	.000	1
S3	2.5000	2.4770	-.023	-.922	.35413	.002	1
S4	5.0000	5.0057	.006	.115	.71526	.002	1
S5	10.000	10.008	.008	.079	1.4295	.003	1

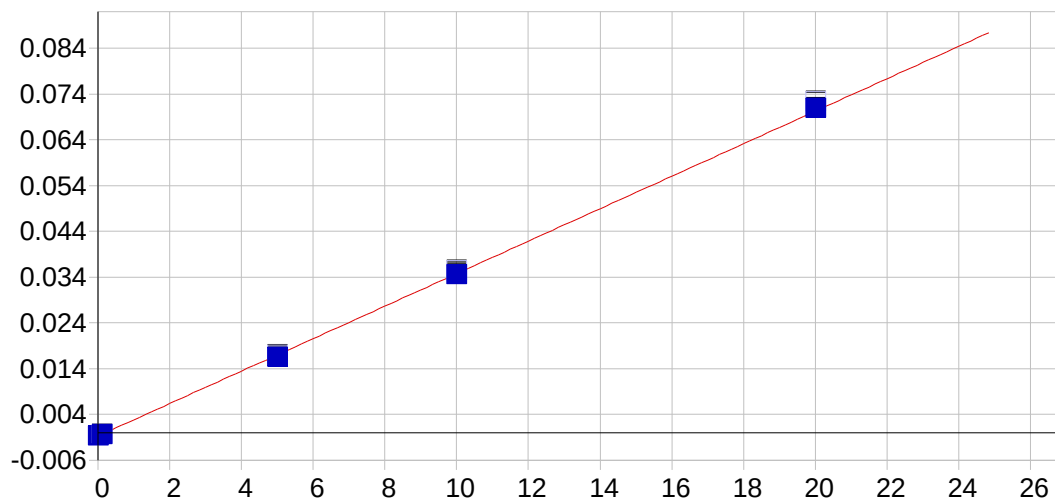


AI 308.215 {109}

Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006471 Re-Slope: 1.000000
 A1 (Gain): 0.047205 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.003297
 Predicted MQL: 0.010991

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00647	.000	1
S1	.10000	.11501	.015	15.0	.01223	.000	1
S3	5.0000	4.9635	-.037	-.731	.24547	.002	1
S4	10.000	9.9767	-.023	-.233	.48682	.001	1
S5	20.000	20.044	.044	.221	.97145	.001	1



AI 309.271 {109}

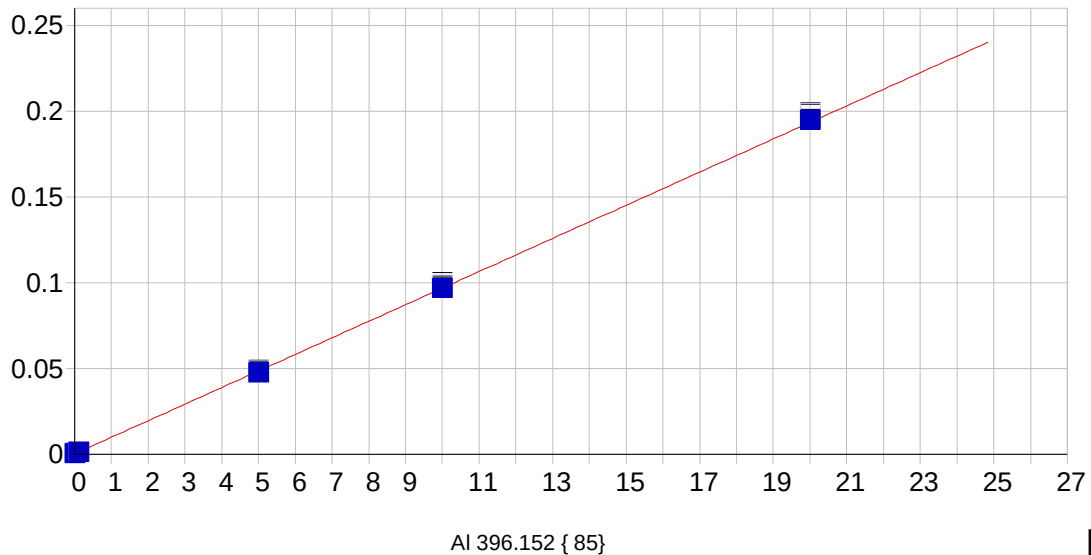
Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000711 Re-Slope: 1.000000
 A1 (Gain): 0.003548 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926
 Std Error of Est: 0.000003
 Predicted MDL: 0.028547
 Predicted MQL: 0.095158

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00071	.000	1
S1	.10000	.10232	.002	2.32	-.00032	.000	1
S3	5.0000	4.8666	-.133	-2.67	.01691	.000	1
S4	10.000	9.9540	-.046	-.460	.03531	.000	1
S5	20.000	20.177	.177	.884	.07229	.000	1

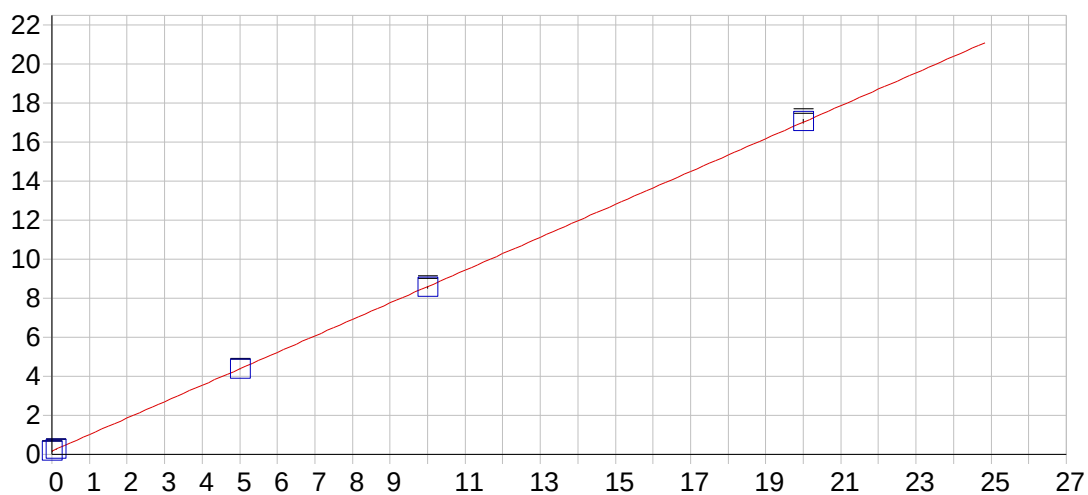


Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000265 Re-Slope: 1.000000
 A1 (Gain): 0.009659 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944
 Std Error of Est: 0.000008
 Predicted MDL: 0.016196
 Predicted MQL: 0.053987

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00026	.000	1
S1	.10000	.10368	.004	3.68	.00133	.000	1
S3	5.0000	4.8768	-.123	-2.46	.04833	.000	1
S4	10.000	9.9838	-.016	-.162	.09862	.001	1
S5	20.000	20.136	.136	.678	.19859	.000	1

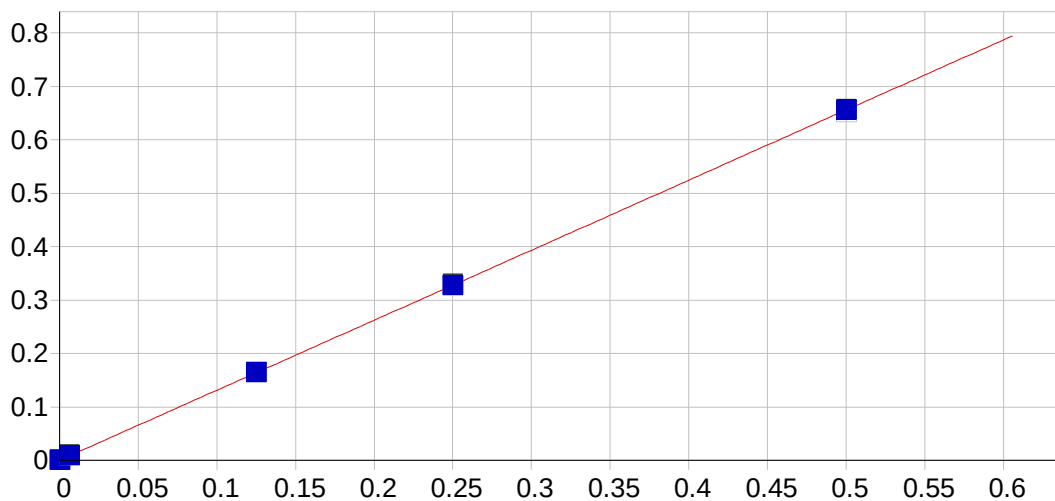


Ba 493.409 { 68}

Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.174257 Re-Slope: 1.000000
 A1 (Gain): 0.842619 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000367
 Predicted MDL: 0.004878
 Predicted MQL: 0.016259

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.17425	.005	1
S1	.10000	.10880	.009	8.80	.26593	.001	1
S3	5.0000	4.9845	-.015	-.310	4.3743	.015	1
S5	20.000	20.051	.051	.253	17.069	.106	1
S4	10.000	9.9562	-.044	-.438	8.5635	.076	1



Be 234.861 {144}

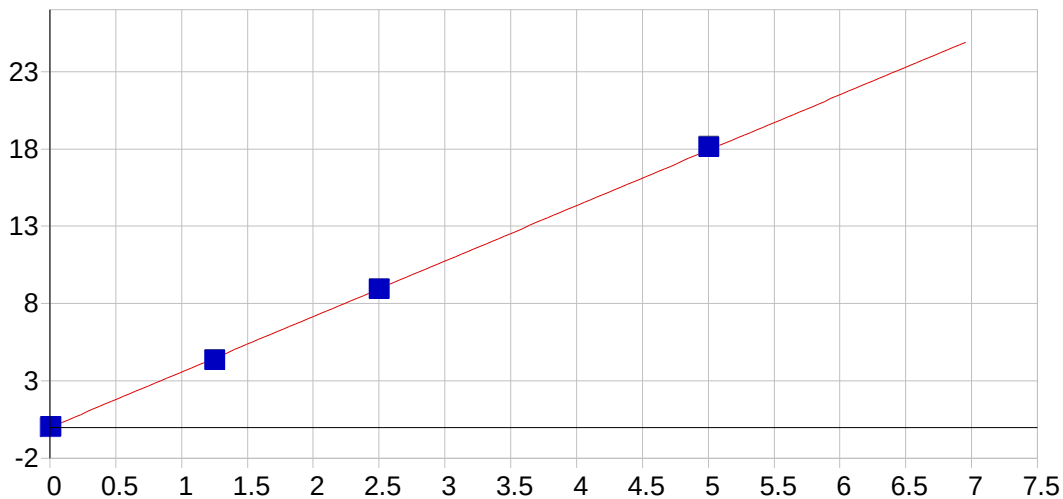
Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000232 Re-Slope: 1.000000
 A1 (Gain): 1.310944 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000034
 Predicted MDL: 0.000072
 Predicted MQL: 0.000241

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00023	.000	1
S1	.00600	.00663	.001	10.6	.00885	.000	1
S3	.12500	.12504	.000	.035	.16313	.001	1
S4	.25000	.24966	-.000	-.136	.32546	.002	1
S5	.50000	.49966	-.000	-.067	.65114	.002	1



Cd 226.502 {449}

Date of Fit: 2/19/2019 15:47:36

Type of Fit: Linear

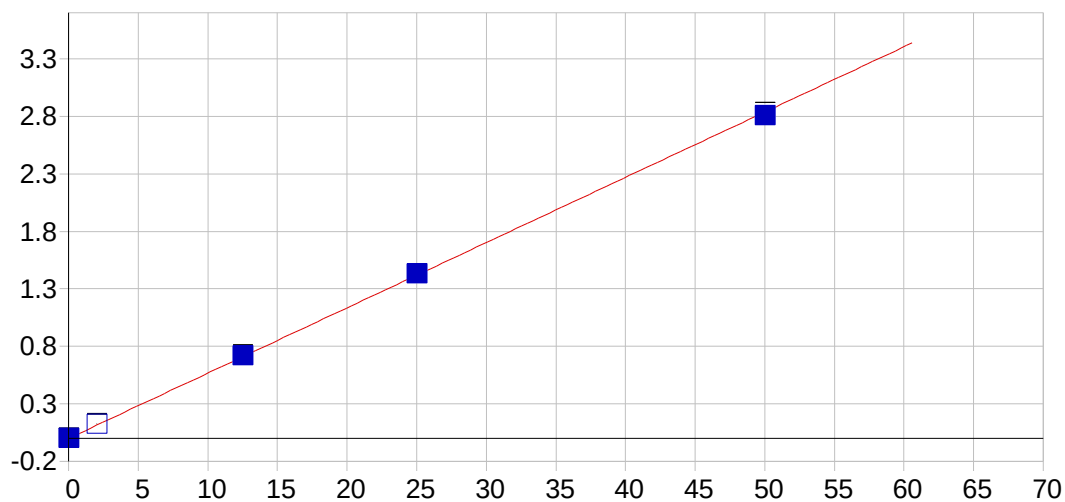
Weighting: 1/Conc

A0 (Offset): -0.002933
 A1 (Gain): 3.582665
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888
 Std Error of Est: 0.000503
 Predicted MDL: 0.000098
 Predicted MQL: 0.000326

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	-.00293	.000	1
S1	.00600	.00629	.000	4.85	.01965	.000	1
S3	1.2500	1.2095	-.041	-3.24	4.3312	.005	1
S4	2.5000	2.4868	-.013	-.528	8.9085	.013	1
S5	5.0000	5.0534	.053	1.07	18.106	.044	1

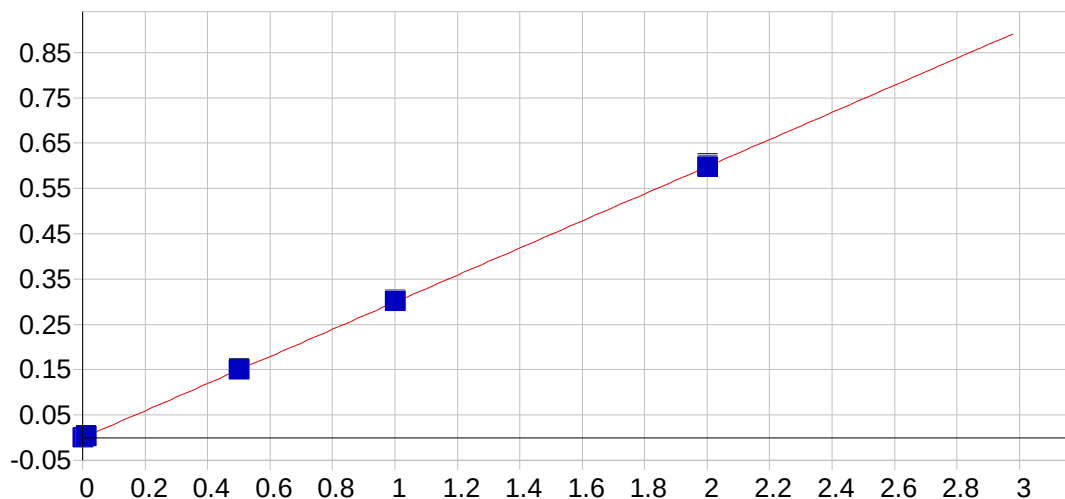


Ca 373.690 { 90}

Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000398 Re-Slope: 1.000000
 A1 (Gain): 0.056748 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999851 Status: OK.
 Std Error of Est: 0.000536
 Predicted MDL: 0.020202
 Predicted MQL: 0.067339

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1878	.188	9.39	.12375	.002	1
S0	.00000	-.00021	-.000	.000	-.00041	.001	1
S3	12.500	12.656	.156	1.25	.71821	.004	1
S4	25.000	25.190	.190	.760	1.4298	.001	1
S5	50.000	49.466	-.534	-1.07	2.8082	.023	1



Cr 267.716 {126}

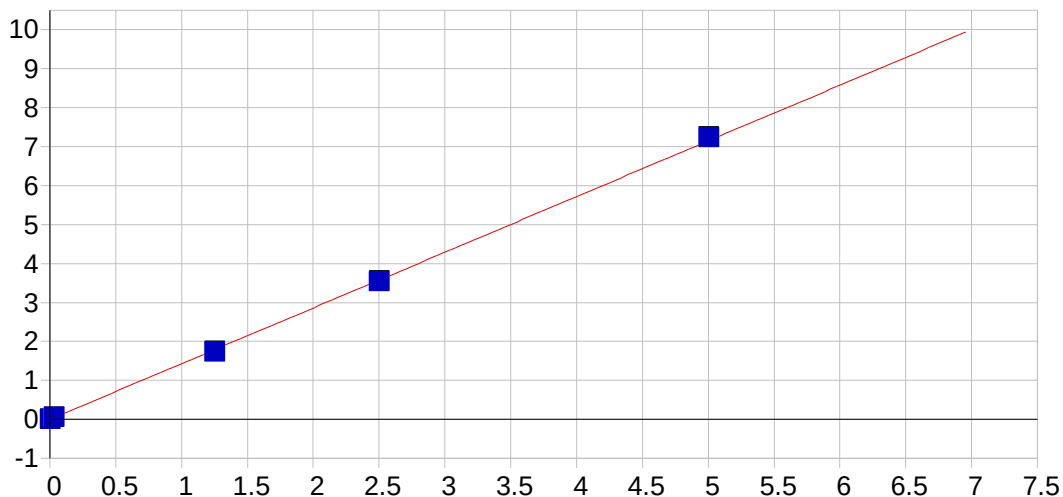
Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000432 Re-Slope: 1.000000
 A1 (Gain): 0.299231 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980
 Std Error of Est: 0.000015
 Predicted MDL: 0.000457
 Predicted MQL: 0.001522

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00043	.000	1
S1	.01000	.01111	.001	11.1	.00291	.000	1
S3	.50000	.50002	.000	.003	.15037	.001	1
S4	1.0000	1.0032	.003	.323	.30212	.001	1
S5	2.0000	1.9956	-.004	-.218	.60143	.002	1



Co 228.616 {447}

Date of Fit: 2/19/2019 15:47:36

Type of Fit: Linear

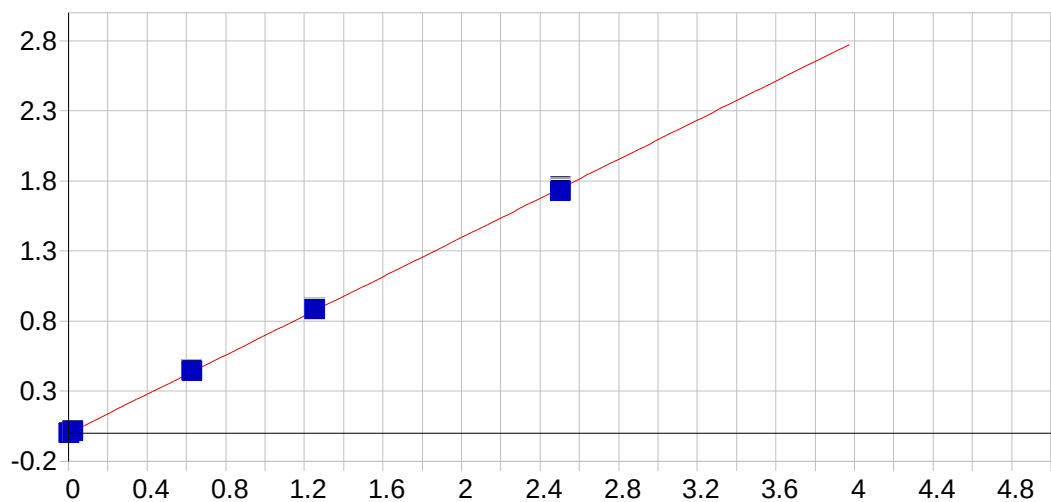
Weighting: 1/Conc

A0 (Offset): -0.000259
 A1 (Gain): 1.429522
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841
 Std Error of Est: 0.000534
 Predicted MDL: 0.000226
 Predicted MQL: 0.000753

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	-.00026	.000	1
S1	.03000	.03427	.004	14.2	.04844	.000	1
S3	1.2500	1.2105	-.039	-3.16	1.7316	.006	1
S4	2.5000	2.4758	-.024	-.970	3.5417	.004	1
S5	5.0000	5.0595	.059	1.19	7.2380	.014	1

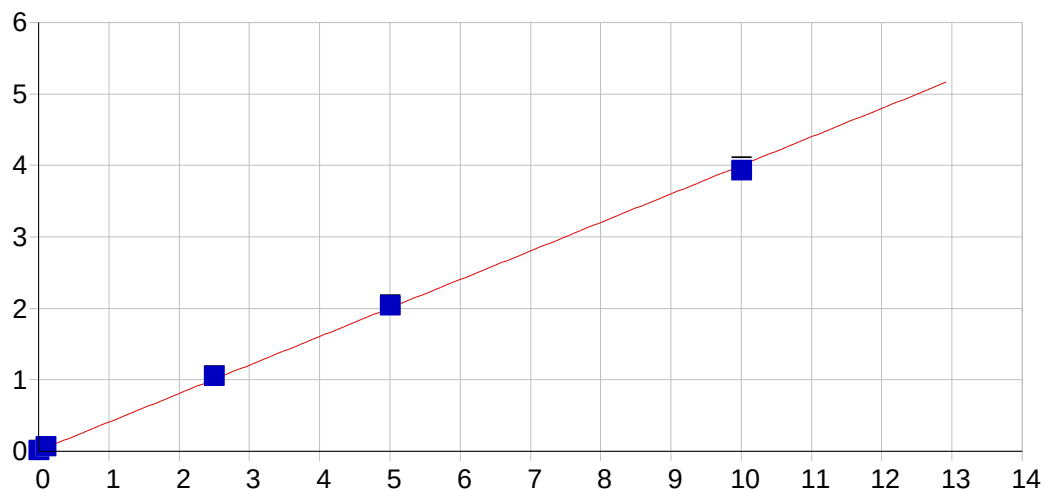


Cu 224.700 {450}

Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000034 Re-Slope: 1.000000
 A1 (Gain): 0.698127 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999871 Status: OK.
 Std Error of Est: 0.000138
 Predicted MDL: 0.000547
 Predicted MQL: 0.001824

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.001	1
S1	.02000	.02310	.003	15.5	.01631	.000	1
S3	.62500	.63725	.012	1.96	.45190	.001	1
S4	1.2500	1.2629	.013	1.04	.89576	.001	1
S5	2.5000	2.4717	-.028	-1.13	1.7537	.004	1



Fe 240.488 {140}

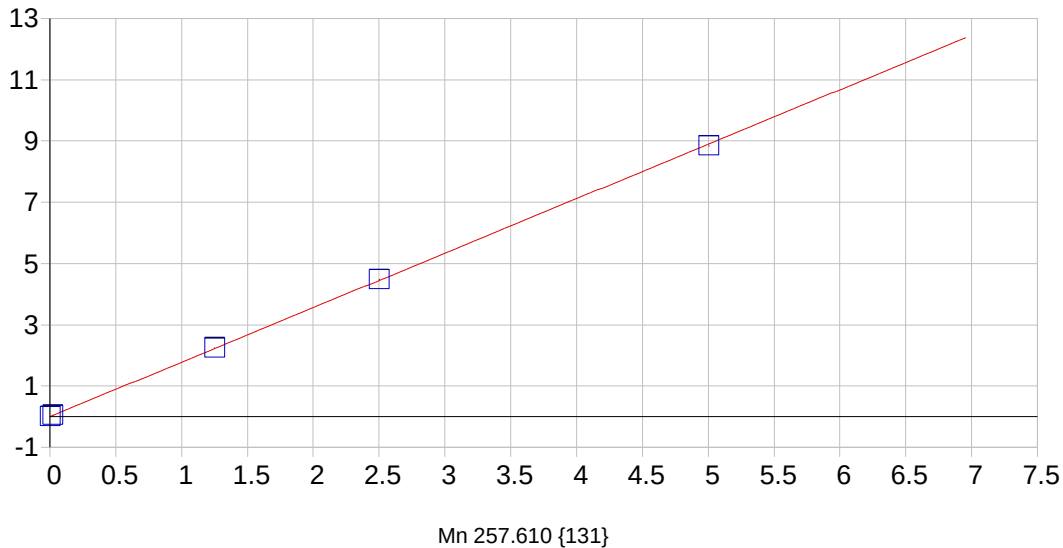
Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010044 Re-Slope: 1.000000
 A1 (Gain): 0.399019 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999627
 Std Error of Est: 0.000592
 Predicted MDL: 0.001830
 Predicted MQL: 0.006101

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01003	.001	1
S1	.10000	.12210	.022	22.1	.05896	.000	1
S3	2.5000	2.6010	.101	4.04	1.0516	.008	1
S4	5.0000	5.0631	.063	1.26	2.0378	.014	1
S5	10.000	9.8137	-.186	-1.86	3.9408	.038	1



Date of Fit: 2/19/2019 15:47:36

Type of Fit: Linear

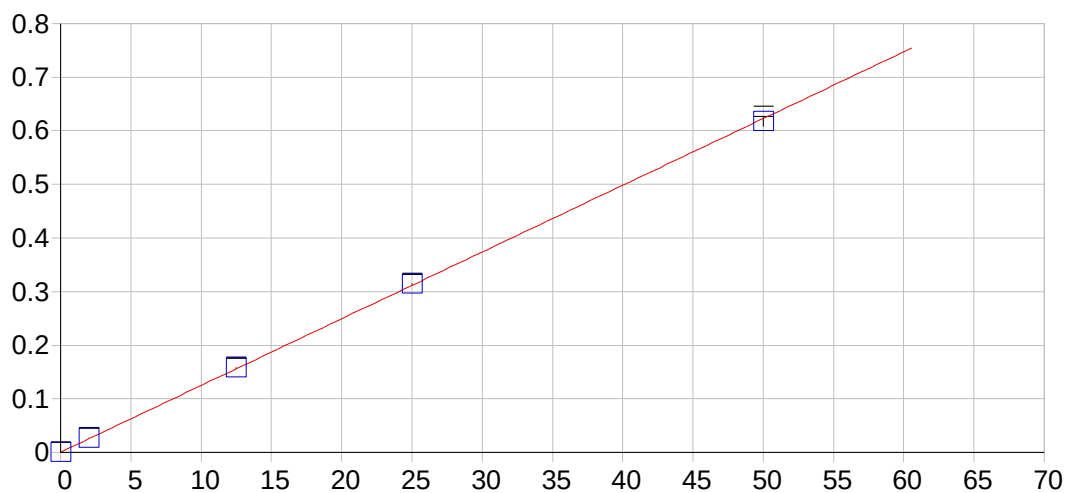
Weighting: 1/Conc

A0 (Offset): -0.000148
 A1 (Gain): 1.779298
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934
 Std Error of Est: 0.000348
 Predicted MDL: 0.000069
 Predicted MQL: 0.000228

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	-.00016	.000	1
S1	.02000	.02385	.004	19.3	.04230	.000	1
S3	1.2500	1.2621	.012	.969	2.2455	.007	1
S4	2.5000	2.5154	.015	.614	4.4754	.004	1
S5	5.0000	4.9687	-.031	-.626	8.8406	.002	1

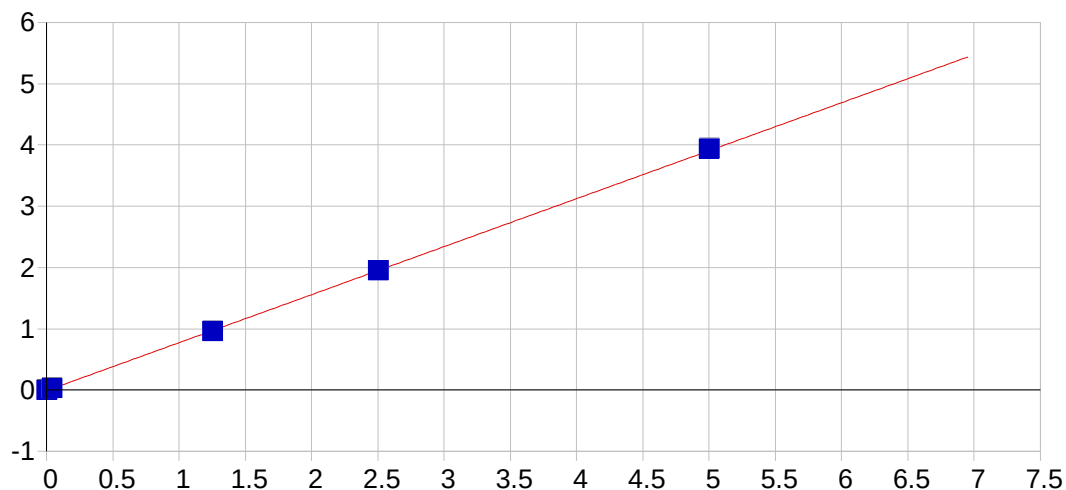


Mg 279.079 {121}

Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000375 Re-Slope: 1.000000
 A1 (Gain): 0.012448 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.044605
 Predicted MQL: 0.148682

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1255	.125	6.27	.02683	.001	1
S0	.00000	-.00015	-.000	.000	.00037	.000	1
S3	12.500	12.645	.145	1.16	.15777	.001	1
S4	25.000	25.190	.190	.761	.31394	.001	1
S5	50.000	49.539	-.461	-.921	.61702	.009	1



Ni 231.604 {445}

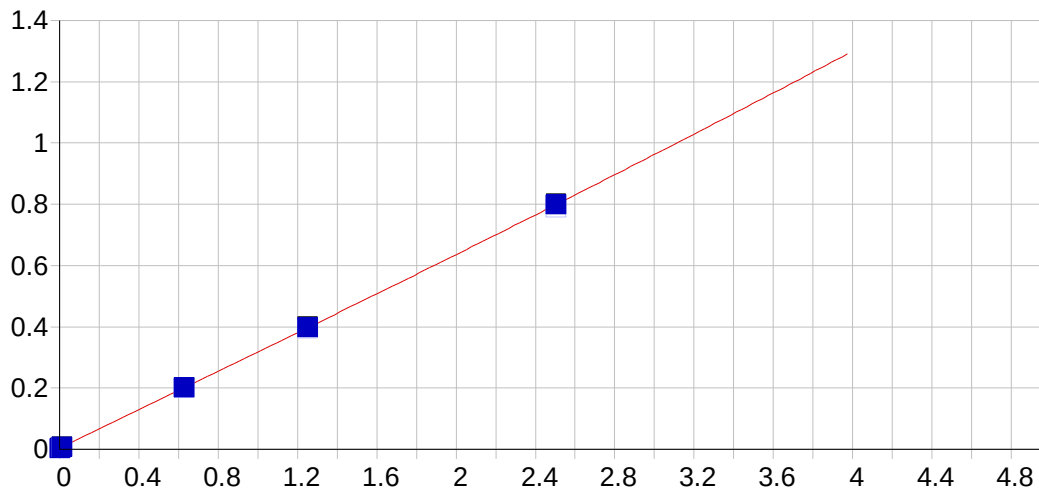
Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007538 Re-Slope: 1.000000
 A1 (Gain): 0.783228 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897
 Std Error of Est: 0.000273
 Predicted MDL: 0.000434
 Predicted MQL: 0.001445

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00754	.000	1
S1	.04000	.04605	.006	15.1	.02855	.000	1
S3	1.2500	1.2220	-.028	-2.24	.95064	.002	1
S4	2.5000	2.4885	-.012	-.461	1.9436	.004	1
S5	5.0000	5.0335	.033	.670	3.9391	.008	1



Ag 328.068 {103}

Date of Fit: 2/19/2019 15:47:36

Type of Fit: Full Fit

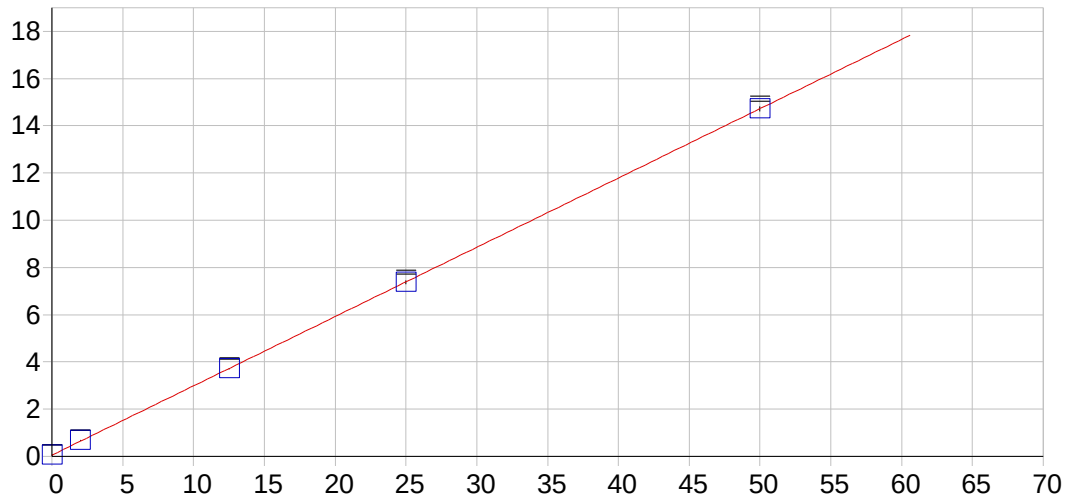
Weighting: 1/Conc

A0 (Offset): 0.001883
 A1 (Gain): 0.308179
 A2 (Curvature): 0.007838
 n (Exponent): 0.970000
 Correlation: 0.999998
 Std Error of Est: 0.000010
 Predicted MDL: 0.000652
 Predicted MQL: 0.002173

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00188	.000	1
S1	.01000	.01022	.000	2.20	.00544	.000	1
S3	.62500	.62270	-.002	-.367	.19748	.002	1
S4	1.2500	1.2530	.003	.236	.39318	.001	1
S5	2.5000	2.4991	-.001	-.036	.78878	.004	1

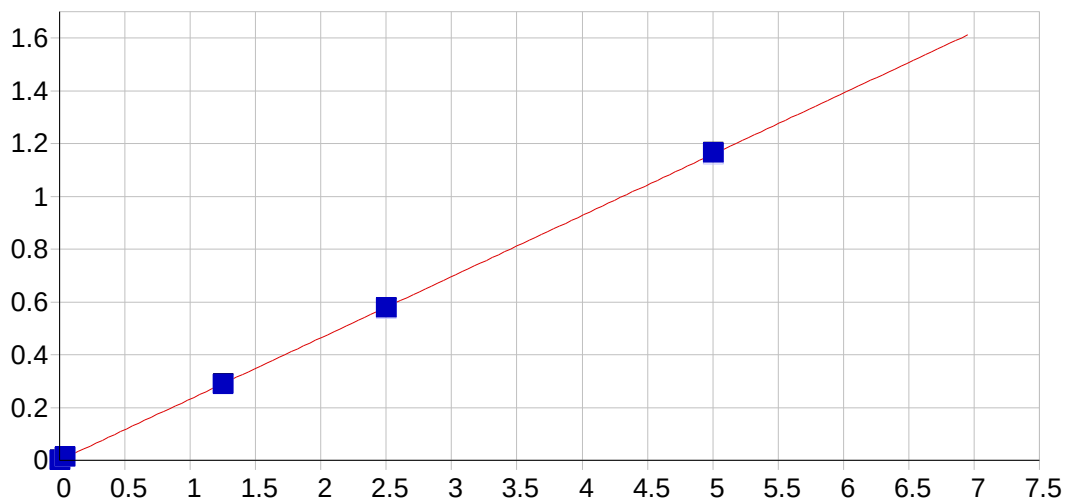


Na 589.592 { 57}

Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.052244 Re-Slope: 1.000000
 A1 (Gain): 0.293497 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.001615
 Predicted MDL: 0.013444
 Predicted MQL: 0.044813

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1329	.133	6.64	.67824	.002	1
S0	.00000	-.00012	-.000	.000	.05221	.004	1
S3	12.500	12.459	-.041	-.328	3.7089	.019	1
S4	25.000	24.954	-.046	-.184	7.3761	.075	1
S5	50.000	49.954	-.046	-.092	14.714	.105	1



V 292.402 {115}

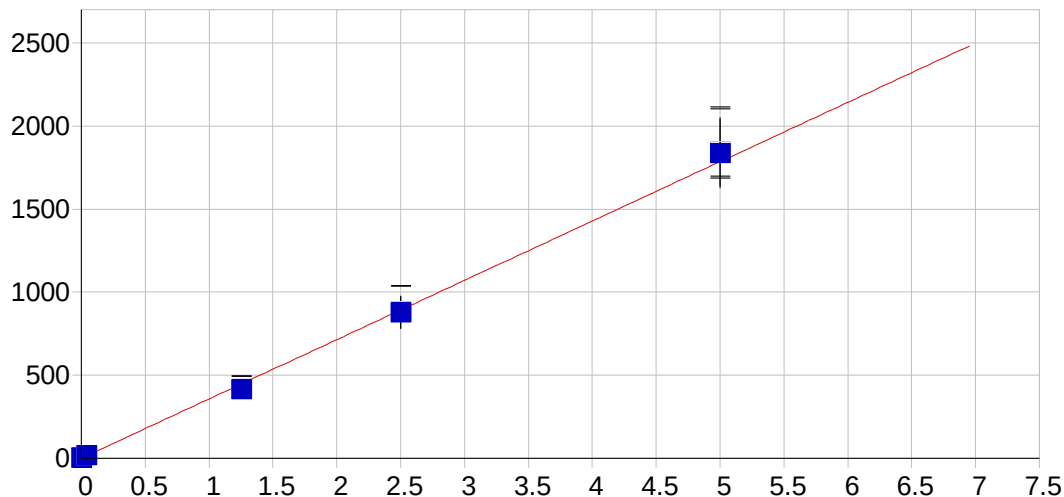
Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000402 Re-Slope: 1.000000
 A1 (Gain): 0.231859 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920
 Std Error of Est: 0.000071
 Predicted MDL: 0.000601
 Predicted MQL: 0.002002

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00040	.000	1
S1	.04000	.04688	.007	17.2	.01113	.000	1
S3	1.2500	1.2404	-.010	-.770	.28610	.001	1
S4	2.5000	2.4860	-.014	-.558	.57303	.001	1
S5	5.0000	5.0168	.017	.335	1.1560	.002	1



Zn 206.200 {163}

Date of Fit: 2/19/2019 15:47:36

Type of Fit: Linear

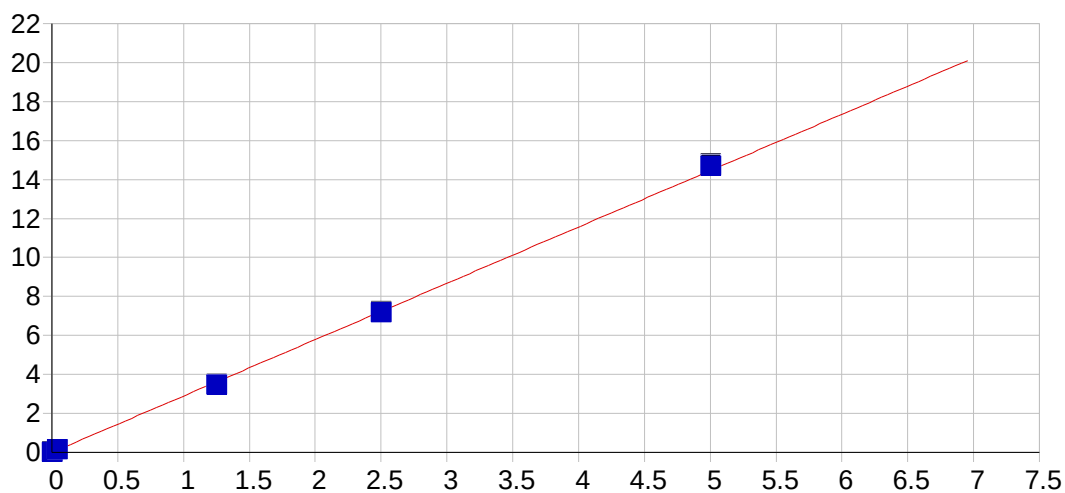
Weighting: 1/Conc

A0 (Offset): 0.495604
 A1 (Gain): 356.922299
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999277
 Std Error of Est: 0.330589
 Predicted MDL: 0.000197
 Predicted MQL: 0.000658

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	.49484	.085	1
S1	.04000	.04487	.005	12.2	16.604	.086	1
S3	1.2500	1.1534	-.097	-7.73	414.88	18.6	1
S4	2.5000	2.4520	-.048	-1.92	881.05	99.1	1
S5	5.0000	5.1397	.140	2.79	1845.8	208.	1

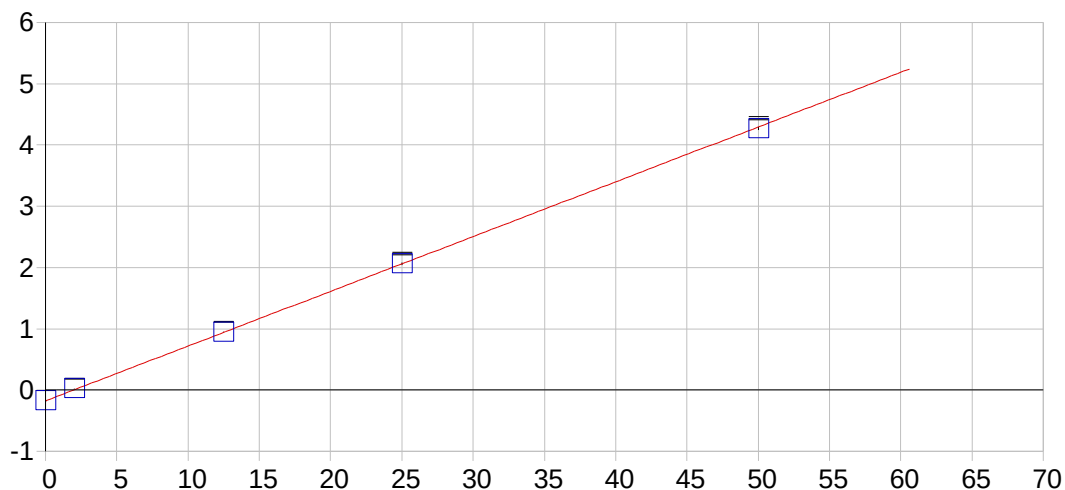


Zn 213.856 {458}

Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002181 Re-Slope: 1.000000
 A1 (Gain): 2.890620 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999755 Status: OK.
 Std Error of Est: 0.001557
 Predicted MDL: 0.000094
 Predicted MQL: 0.000312

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00217	.000	1
S1	.04000	.04393	.004	9.84	.12999	.000	1
S3	1.2500	1.1951	-.055	-4.39	3.4797	.006	1
S4	2.5000	2.4721	-.028	-1.11	7.1943	.014	1
S5	5.0000	5.0789	.079	1.58	14.775	.026	1



K 766.490 {44}

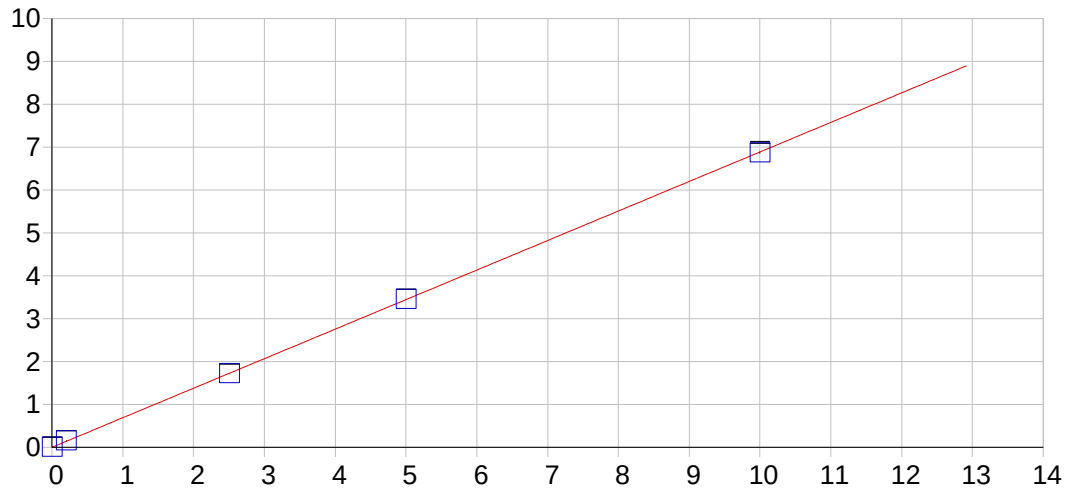
Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.175717 Re-Slope: 1.000000
 A1 (Gain): 0.089383 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876
 Std Error of Est: 0.000768
 Predicted MDL: 0.049226
 Predicted MQL: 0.164086

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2025	.202	10.1	.02115	.004	1
S0	.00000	-.00020	-.000	.000	-.17573	.002	1
S3	12.500	12.555	.055	.444	.94653	.005	1
S4	25.000	25.006	.006	.024	2.0594	.024	1
S5	50.000	49.736	-.264	-.528	4.2698	.025	1



Mo 202.030 {467}

Date of Fit: 2/19/2019 15:47:36

Type of Fit: Linear

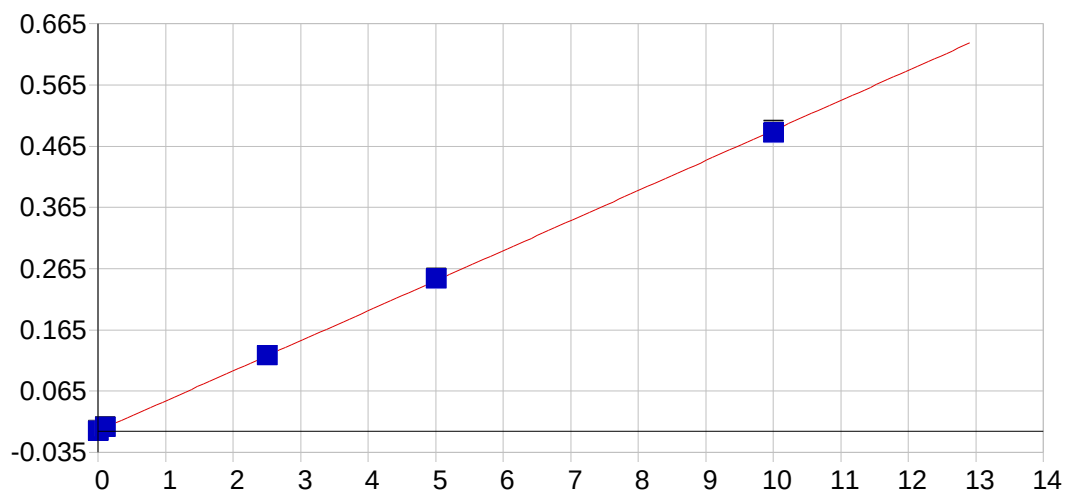
Weighting: 1/Conc

A0 (Offset): 0.000658
 A1 (Gain): 0.688440
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908
 Std Error of Est: 0.000718
 Predicted MDL: 0.000321
 Predicted MQL: 0.001070

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00064	.000	1
S1	.20000	.22514	.025	12.6	.15566	.000	1
S3	2.5000	2.4880	-.012	-.480	1.7135	.008	1
S4	5.0000	5.0061	.006	.122	3.4470	.001	1
S5	10.000	9.9808	-.019	-.192	6.8718	.019	1



B 249.678 {135}

Date of Fit: 2/19/2019 15:47:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000129

Re-Slope: 1.000000

A1 (Gain): 0.049076

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999811

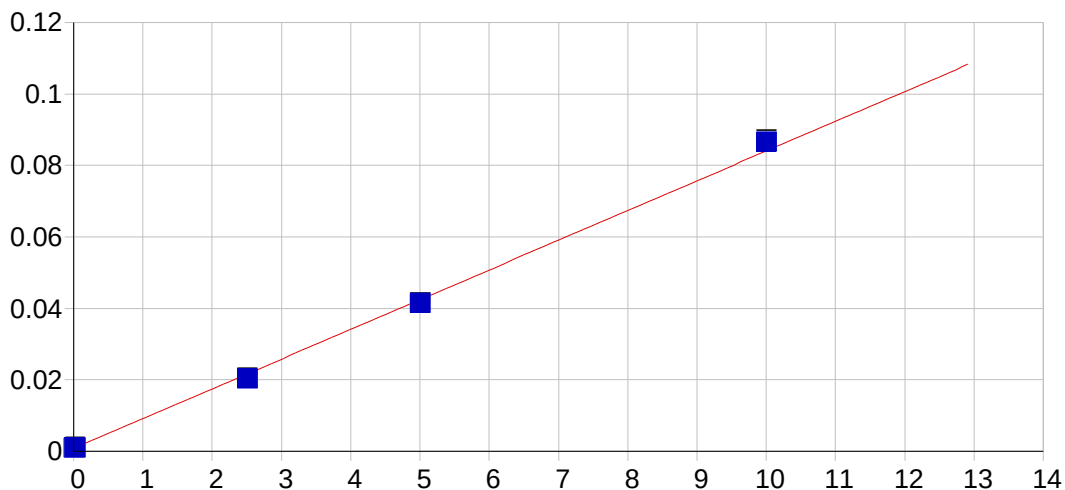
Status: OK.

Std Error of Est: 0.000052

Predicted MDL: 0.009506

Predicted MQL: 0.031687

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00013	.000	1
S1	.10000	.12286	.023	22.9	.00588	.000	1
S3	2.5000	2.5064	.006	.255	.12259	.000	1
S4	5.0000	5.0569	.057	1.14	.24747	.001	1
S5	10.000	9.9139	-.086	-.861	.48526	.004	1



S 182.034 {485}

Date of Fit: 2/19/2019 15:47:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000814

Re-Slope: 1.000000

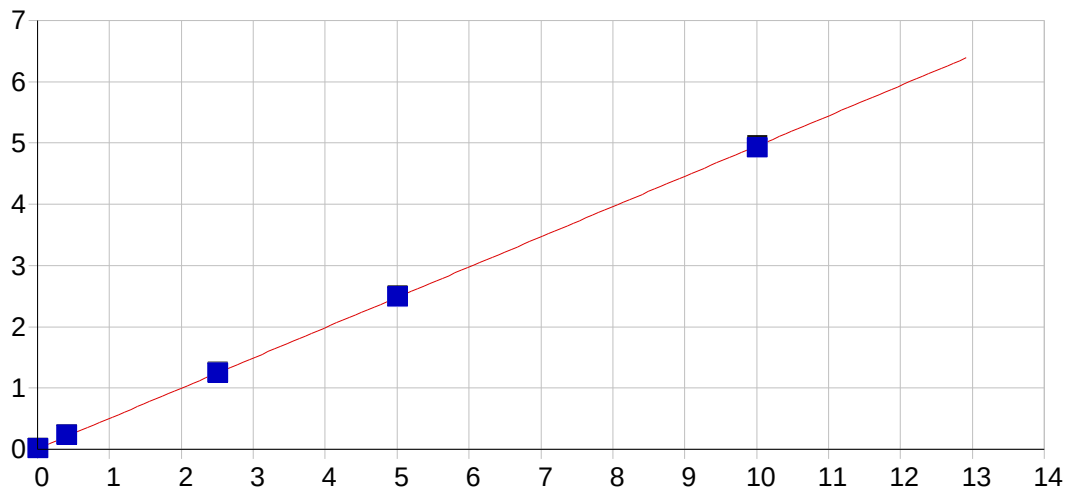
A1 (Gain): 0.008322

Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999324
 Std Error of Est: 0.000007
 Predicted MDL: 0.014480
 Predicted MQL: 0.048267

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00081	.000	1
S1	.02000	.01433	-.006	-28.3	.00093	.000	1
S3	2.5000	2.3379	-.162	-6.48	.02026	.000	1
S4	5.0000	4.8760	-.124	-2.48	.04137	.000	1
S5	10.000	10.292	.292	2.92	.08642	.001	1



Si 288.158 {117}

Date of Fit: 2/19/2019 15:47:36

Type of Fit: Linear

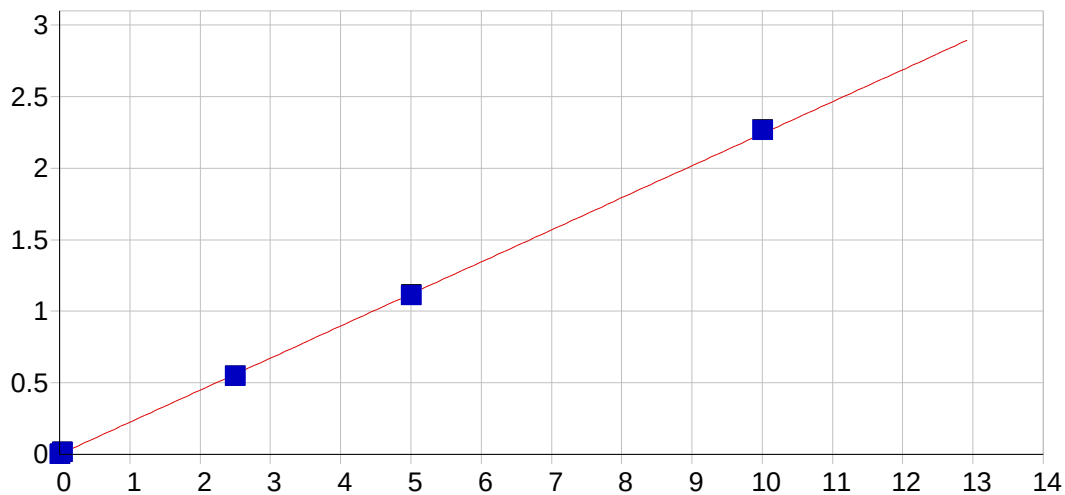
Weighting: 1/Conc

A0 (Offset): 0.009968
 A1 (Gain): 0.493991
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835
 Std Error of Est: 0.000978
 Predicted MDL: 0.002863
 Predicted MQL: 0.009543

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	-.00005	-.000	.000	.00995	.001	1
S1	.40000	.44721	.047	11.8	.23072	.002	1
S3	2.5000	2.5027	.003	.110	1.2456	.009	1
S4	5.0000	5.0050	.005	.100	2.4811	.011	1
S5	10.000	9.9451	-.055	-.549	4.9201	.026	1

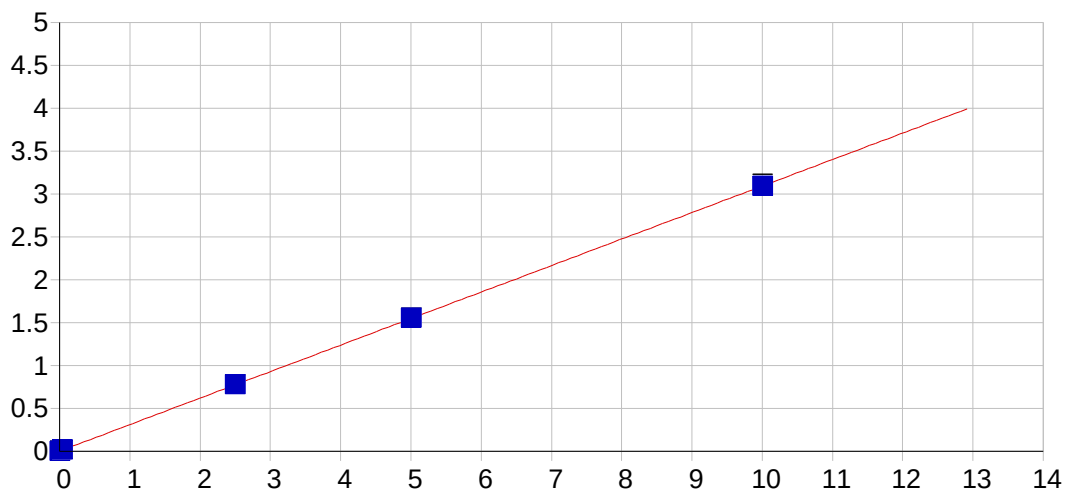


Sn 189.989 {477}

Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001109 Re-Slope: 1.000000
 A1 (Gain): 0.223996 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879 Status: OK.
 Std Error of Est: 0.000119
 Predicted MDL: 0.000687
 Predicted MQL: 0.002288

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00111	.000	1
S1	.04000	.04608	.006	15.2	.01143	.000	1
S3	2.5000	2.4356	-.064	-2.58	.54677	.001	1
S4	5.0000	4.9502	-.050	-.997	1.1101	.002	1
S5	10.000	10.108	.108	1.08	2.2657	.004	1



Ti 336.121 {100}

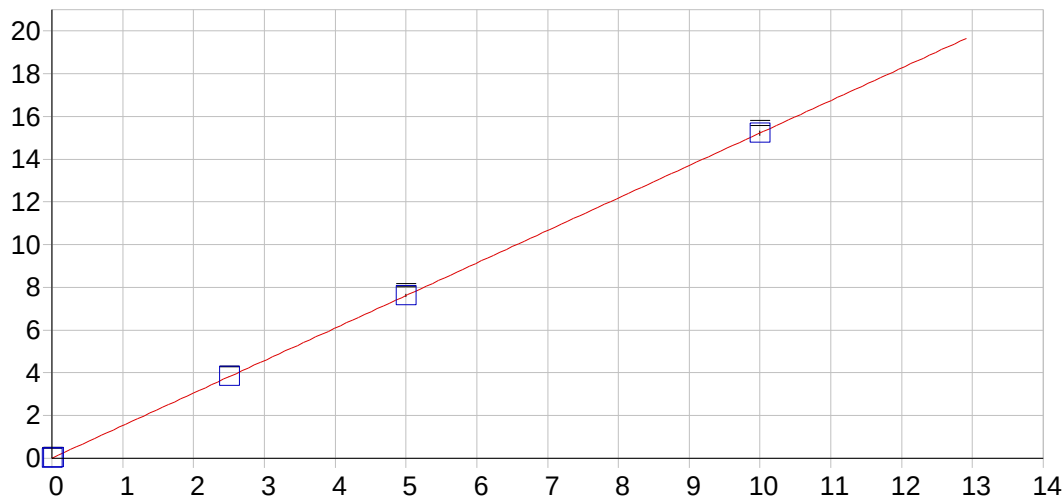
Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002476 Re-Slope: 1.000000
 A1 (Gain): 0.309030 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952
 Std Error of Est: 0.000104
 Predicted MDL: 0.002715
 Predicted MQL: 0.009051

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00247	.001	1
S1	.04000	.04815	.008	20.4	.01735	.001	1
S3	2.5000	2.5005	.000	.019	.77510	.003	1
S4	5.0000	5.0066	.007	.132	1.5495	.003	1
S5	10.000	9.9848	-.015	-.152	3.0877	.022	1



Li 670.784 { 50}

Date of Fit: 2/19/2019 15:47:36

Type of Fit: Linear

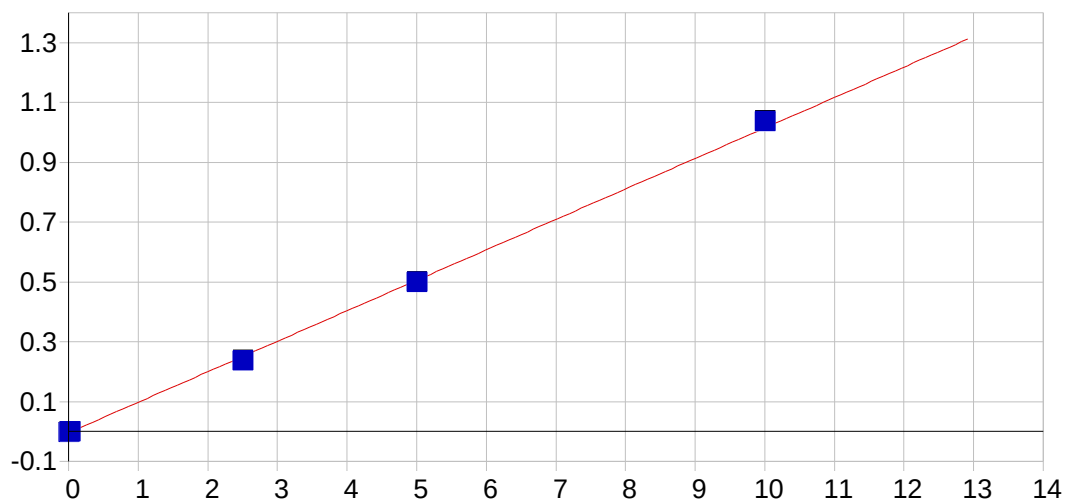
Weighting: 1/Conc

A0 (Offset): 0.012388
 A1 (Gain): 1.521335
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999999
 Std Error of Est: 0.000038
 Predicted MDL: 0.002832
 Predicted MQL: 0.009440

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	.01239	.003	1
S1	.02000	.01971	-.000	-1.47	.04237	.003	1
S3	2.5000	2.5054	.005	.217	3.8240	.009	1
S4	5.0000	5.0002	.000	.003	7.6193	.073	1
S5	10.000	9.9947	-.005	-.053	15.218	.108	1

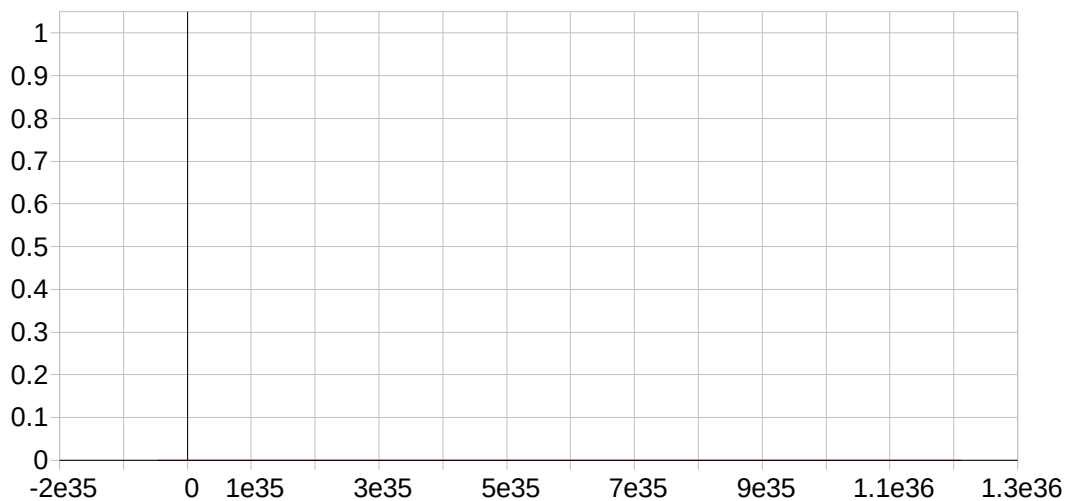


P 177.495 {490}

Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004095 Re-Slope: 1.000000
 A1 (Gain): 0.101880 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999619 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.001480
 Predicted MQL: 0.004934

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00409	.000	1
S1	.02000	.01977	-.000	-1.15	-.00209	.000	1
S3	2.5000	2.3586	-.141	-5.65	.23583	.001	1
S4	5.0000	4.9319	-.068	-1.36	.49763	.001	1
S5	10.000	10.210	.210	2.10	1.0346	.003	1



Y 224.306 {450}*

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

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

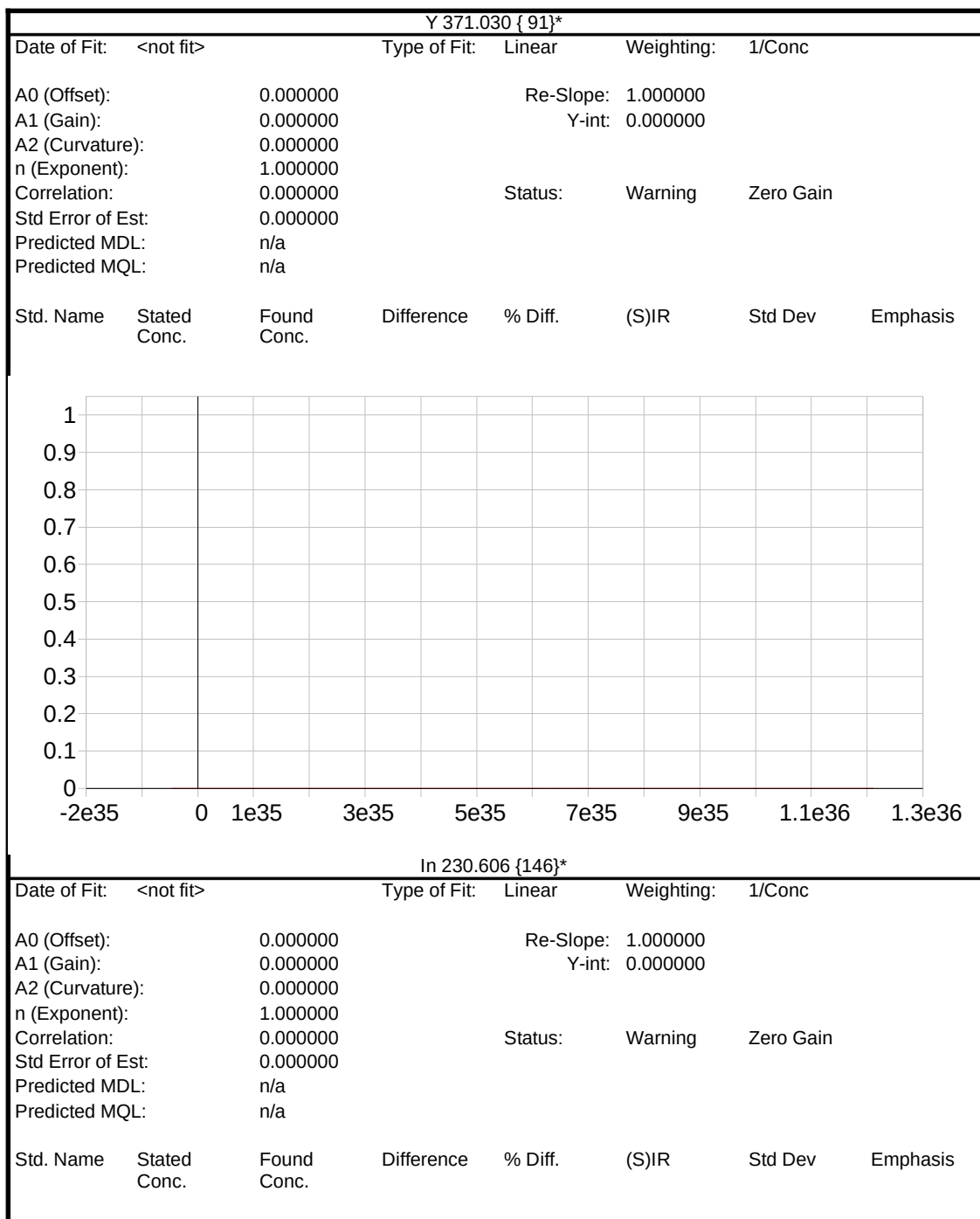
Status: Warning Zero Gain

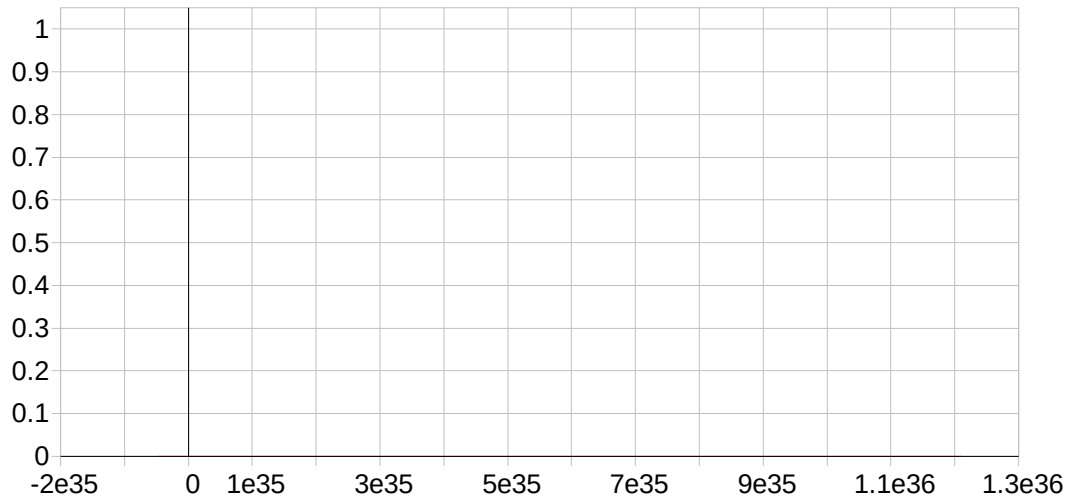
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
--------------	-----------	--------------	--------	------------	--------

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

The figure shows a blank coordinate system. The x-axis is labeled with values: -2e35, 0, 1e35, 3e35, 5e35, 7e35, 9e35, 1.1e36, and 1.3e36. The y-axis is labeled with values from 0 to 1 in increments of 0.1. A vertical line is drawn at x=0, and a horizontal line is drawn at y=0. The grid consists of 10 major squares along the x-axis and 10 major squares along the y-axis.

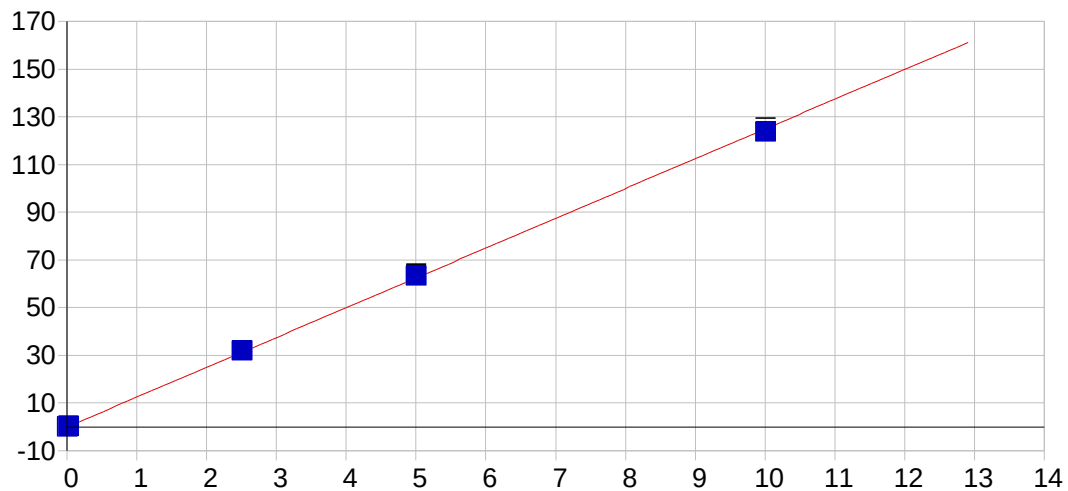




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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

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



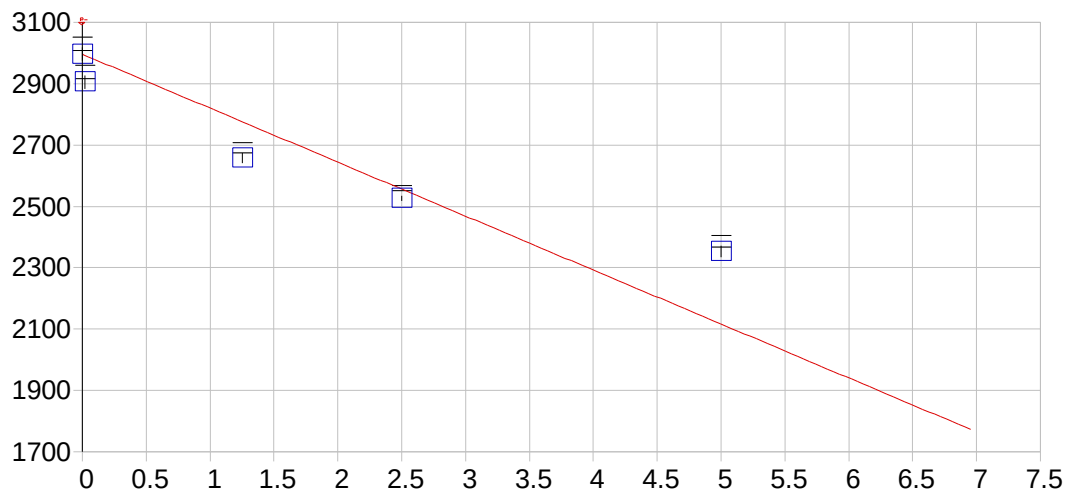
Sr 407.771 { 83}

Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.014613 Re-Slope: 1.000000
 A1 (Gain): 12.490225 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.003823
 Predicted MDL: 0.000130

Predicted MQL: 0.000432

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01464	.002	1
S1	.02000	.02199	.002	9.96	.26144	.001	1
S3	2.5000	2.5405	.041	1.62	31.752	.021	1
S4	5.0000	5.0641	.064	1.28	63.305	.666	1
S5	10.000	9.8934	-.107	-1.07	123.69	1.58	1



Date of Fit: 2/19/2019 15:47:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 2996.158035

Re-Slope: 1.000000

A1 (Gain): -175.935401

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.634231

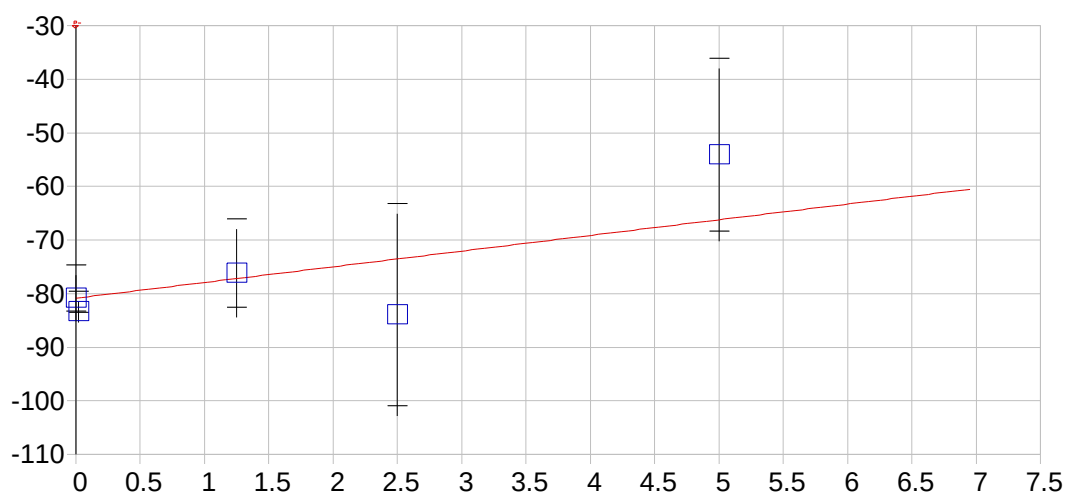
Status: Warning Negative Gain

Std Error of Est: 3.665003

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00050	-.001	.000	2996.2	22.1	1
S1	.02000	.51548	.495	2480.	2905.5	21.6	1
S3	1.2500	1.9292	.679	54.3	2656.7	16.6	1
S4	2.5000	2.6732	.173	6.93	2525.9	7.82	1
S5	5.0000	3.6521	-1.35	-27.0	2353.6	18.8	1



U 385.958 { 87}

Date of Fit: 2/19/2019 15:47:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -80.845720 Re-Slope: 1.000000
 A1 (Gain): 2.923648 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.390403 Status: OK.
 Std Error of Est: 0.117818
 Predicted MDL: 4.674419
 Predicted MQL: 15.581396

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00090	.001	.000	-80.843	4.27	1
S1	.02000	-.87514	-.895	-4480.	-83.404	1.99	1
S3	1.2500	1.5821	.332	26.6	-76.220	8.20	1
S4	2.5000	-1.0836	-3.58	-143.	-84.014	18.9	1
S5	5.0000	9.1467	4.15	82.9	-54.104	16.2	1

Sample Name: S0 Acquired: 2/19/2019 11:24:49 Type: Cal
Method: P4-ICP2(v2878) 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	-.00022	.00003	.00600	-.00002	.00048	.00026	.17425	.00023
Stddev	.00001	.00004	.00014	.00014	.00005	.00019	.00537	.00001
%RSD	2.5647	130.27	2.3656	587.95	10.854	72.918	3.0822	3.1360

#1	-.00022	.00007	.00604	.00004	.00054	.00031	.18007	.00024
#2	-.00021	.00001	.00584	.00008	.00044	.00005	.17318	.00023
#3	-.00022	.00000	.00612	-.00019	.00046	.00043	.16949	.00022

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	-.00293	-.00041	-.00043	-.00026	-.00004	.01003	-.00016	.00037
Stddev	.00024	.00089	.00016	.00006	.00058	.00090	.00009	.00019
%RSD	8.1336	218.06	37.385	22.870	1600.1	8.9454	55.879	51.078

#1	-.00271	-.00142	-.00035	-.00031	-.00061	.01020	-.00010	.00037
#2	-.00291	.00025	-.00033	-.00029	.00055	.00906	-.00026	.00018
#3	-.00318	-.00006	-.00062	-.00020	-.00005	.01084	-.00011	.00056

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	-.00754	.00188	.05221	.00040	.00217	-.17573	.00064	-.00013
Stddev	.00026	.00008	.00358	.00001	.00018	.00234	.00018	.00024
%RSD	3.5022	4.5004	6.8659	1.9776	8.4687	1.3293	28.426	183.47

#1	-.00725	.00189	.04830	.00040	.00196	-.17741	.00083	.00001
#2	-.00777	.00197	.05298	.00041	.00227	-.17307	.00063	.00000
#3	-.00760	.00180	.05535	.00039	.00229	-.17673	.00046	-.00040

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	.00081	.00995	.00111	.00247	.01239	-.0041	-.01464	2996.2
Stddev	.00006	.00092	.00005	.00072	.00269	.0002	.00153	22.1
%RSD	6.9546	9.2058	4.2176	29.182	21.718	4.381	10.469	.73909

#1	.00088	.01031	.00106	.00180	.00950	-.0040	-.01499	2980.4
#2	.00080	.01062	.00112	.00238	.01284	-.0040	-.01597	2986.8
#3	.00077	.00890	.00115	.00324	.01482	-.0043	-.01296	3021.6

Sample Name: S0 Acquired: 2/19/2019 11:24:49 Type: Cal
 Method: P4-ICP2(v2878) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-80.843
Stddev	4.274
%RSD	5.2864

#1	-85.295
#2	-76.774
#3	-80.460

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3182.8	33562.	3260.9	14.432	3398.9
Stddev	6.1	165.	9.4	.213	9.6
%RSD	.19230	.49192	.28817	1.4737	.28237

#1	3189.8	33411.	3262.0	14.548	3400.4
#2	3178.9	33535.	3251.0	14.186	3407.7
#3	3179.6	33738.	3269.7	14.561	3388.7

Sample Name: S1 Acquired: 2/19/2019 11:29:13 Type: Cal
Method: P4-ICP2(v2878) 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	.00101	.00587	.01147	.00143	.00890	.00133	.26593	.00885
Stddev	.00005	.00009	.00022	.00016	.00024	.00010	.00131	.00009
%RSD	5.0201	1.5027	1.9032	11.516	2.7018	7.2928	.49231	1.0090

#1	.00103	.00594	.01124	.00154	.00918	.00144	.26531	.00895
#2	.00095	.00590	.01150	.00151	.00878	.00125	.26743	.00878
#3	.00105	.00577	.01167	.00124	.00876	.00131	.26504	.00882

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	.01965	.00291	.04844	.01631	.05896	.04230	.02855	.00544
Stddev	.00028	.00014	.00037	.00039	.00042	.00021	.00043	.00014
%RSD	1.4367	4.8328	.75974	2.3646	.71244	.49273	1.5048	2.5695

#1	.01957	.00297	.04826	.01594	.05857	.04232	.02874	.00557
#2	.01941	.00275	.04820	.01671	.05890	.04208	.02885	.00545
#3	.01996	.00301	.04887	.01627	.05941	.04249	.02806	.00529

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	.01113	.12999	.15566	.00588	.00093	.23072	.01143	.01735
Stddev	.00016	.00014	.00034	.00041	.00009	.00220	.00019	.00112
%RSD	1.4219	.10762	.22090	6.8955	9.7039	.95154	1.6487	6.4606

#1	.01100	.13002	.15577	.00635	.00085	.22935	.01134	.01635
#2	.01108	.13011	.15593	.00562	.00103	.22956	.01165	.01856
#3	.01130	.12983	.15527	.00567	.00091	.23325	.01130	.01714

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04237	-.0021	.26144	2905.5	-83.404
Stddev	.00253	.0002	.00099	21.6	1.994
%RSD	5.9717	9.271	.37962	.74295	2.3903

#1	.03974	-.0021	.26226	2930.4	-81.884
#2	.04479	-.0022	.26034	2892.4	-85.662
#3	.04257	-.0019	.26173	2893.6	-82.667

Sample Name: S1 Acquired: 2/19/2019 11:29:13 Type: Cal
Method: P4-ICP2(v2878) 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	3172.2	33054.	3240.2	13.777	3347.0
Stddev	15.4	83.	2.2	.182	11.3
%RSD	.48695	.25221	.06711	1.3227	.33611
#1	3171.4	33120.	3239.1	13.693	3344.1
#2	3157.2	32961.	3238.9	13.652	3337.6
#3	3188.1	33082.	3242.7	13.986	3359.5

Sample Name: S2 Acquired: 2/19/2019 11:33:37 Type: Cal
Method: P4-ICP2(v2878) 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	.12375	.02683	.67824	.02115
Stddev	.00195	.00068	.00223	.00396
%RSD	1.5765	2.5232	.32929	18.711

#1	.12218	.02620	.67744	.02419
#2	.12315	.02755	.67652	.01667
#3	.12594	.02675	.68076	.02258

Int. Std.	Y_3710
Units	Cts/S
Avg	3296.0
Stddev	14.0
%RSD	.42523

#1	3296.3
#2	3281.9
#3	3309.9

Sample Name: S3 Acquired: 2/19/2019 11:37:52 Type: Cal
Method: P4-ICP2(v2878) 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	.14998	.30966	.91272	.17899	.35413	.04833	4.3743	.16313
Stddev	.00083	.00059	.00191	.00095	.00152	.00035	.0153	.00059
%RSD	.55432	.18905	.20913	.53191	.42848	.73080	.34934	.36342

#1	.14953	.30899	.91054	.17840	.35394	.04865	4.3919	.16357
#2	.15094	.30999	.91411	.18009	.35573	.04795	4.3671	.16335
#3	.14947	.31002	.91351	.17848	.35271	.04839	4.3640	.16245

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.3312	.71821	.15037	1.7316	.45190	1.0516	2.2455	.15777
Stddev	.0054	.00352	.00089	.0055	.00130	.0081	.0071	.00077
%RSD	.12551	.49000	.59465	.31839	.28764	.76842	.31738	.48768

#1	4.3257	.71415	.15135	1.7253	.45115	1.0552	2.2536	.15749
#2	4.3313	.72000	.15013	1.7353	.45340	1.0573	2.2429	.15864
#3	4.3366	.72047	.14961	1.7343	.45115	1.0424	2.2401	.15719

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	.95064	.19748	3.7089	.28610	3.4797	.94653	1.7135	.12259
Stddev	.00212	.00172	.0186	.00055	.0057	.00453	.0081	.00045
%RSD	.22304	.87346	.50026	.19116	.16320	.47830	.47400	.36937

#1	.94830	.19947	3.7294	.28663	3.4732	.94529	1.7070	.12236
#2	.95119	.19645	3.6932	.28554	3.4830	.94276	1.7226	.12311
#3	.95242	.19651	3.7041	.28613	3.4830	.95155	1.7108	.12229

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	.02026	1.2456	.54677	.77510	3.8240	.2358	31.752	2656.7
Stddev	.00014	.0089	.00118	.00295	.0089	.0009	.021	16.6
%RSD	.70467	.71575	.21624	.38009	.23327	.4026	.06664	.62621

#1	.02014	1.2472	.54542	.77313	3.8165	.2357	31.770	2642.5
#2	.02023	1.2537	.54760	.77368	3.8215	.2369	31.729	2652.8
#3	.02042	1.2361	.54729	.77848	3.8339	.2350	31.757	2675.0

Sample Name: S3 Acquired: 2/19/2019 11:37:52 Type: Cal
 Method: P4-ICP2(v2878) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-76.220
Stddev	8.201
%RSD	10.760

#1	-78.053
#2	-67.258
#3	-83.350

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3084.2	31845.	3216.7	13.565	3116.5
Stddev	16.1	127.	13.8	.631	5.8
%RSD	.52314	.39852	.42904	4.6510	.18664

#1	3091.7	31699.	3211.1	14.291	3122.6
#2	3065.7	31911.	3206.6	13.147	3111.1
#3	3095.2	31926.	3232.4	13.258	3115.9

Sample Name: S4 Acquired: 2/19/2019 11:41:52 Type: Cal
Method: P4-ICP2(v2878) 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	.30458	.62851	1.8465	.36272	.71526	.09862	8.5635	.32546
Stddev	.00038	.00081	.0041	.00085	.00228	.00123	.0757	.00164
%RSD	.12500	.12830	.22244	.23313	.31812	1.2481	.88374	.50452
#1	.30454	.62798	1.8474	.36335	.71470	.09747	8.6174	.32733
#2	.30498	.62944	1.8501	.36305	.71776	.09847	8.5961	.32425
#3	.30422	.62811	1.8421	.36176	.71331	.09991	8.4770	.32480
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.9085	1.4298	.30212	3.5417	.89576	2.0378	4.4754	.31394
Stddev	.0132	.0013	.00101	.0041	.00068	.0139	.0036	.00114
%RSD	.14827	.09179	.33358	.11684	.07586	.68022	.07923	.36211
#1	8.9099	1.4296	.30109	3.5415	.89647	2.0501	4.4736	.31303
#2	8.9210	1.4313	.30216	3.5459	.89512	2.0404	4.4732	.31521
#3	8.8947	1.4287	.30311	3.5376	.89569	2.0228	4.4795	.31357
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	1.9436	.39318	7.3761	.57303	7.1943	2.0594	3.4470	.24747
Stddev	.0037	.00064	.0749	.00111	.0137	.0236	.0011	.00077
%RSD	.18857	.16395	1.0159	.19452	.19074	1.1439	.03097	.31179
#1	1.9425	.39392	7.4433	.57388	7.1986	2.0790	3.4472	.24693
#2	1.9477	.39292	7.3898	.57176	7.2054	2.0659	3.4480	.24713
#3	1.9407	.39271	7.2953	.57344	7.1790	2.0333	3.4459	.24836
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	.04137	2.4811	1.1101	1.5495	7.6193	.4976	63.305	2525.9
Stddev	.00021	.0114	.0022	.0029	.0732	.0008	.666	7.8
%RSD	.50844	.46081	.19462	.18574	.96016	.1699	1.0524	.30968
#1	.04161	2.4937	1.1098	1.5498	7.6670	.4968	63.675	2532.4
#2	.04122	2.4782	1.1124	1.5522	7.6558	.4977	63.704	2528.0
#3	.04129	2.4714	1.1082	1.5464	7.5351	.4984	62.536	2517.2

Sample Name: S4 Acquired: 2/19/2019 11:41:52 Type: Cal
 Method: P4-ICP2(v2878) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-84.014
Stddev	18.876
%RSD	22.468

#1	-75.030
#2	-105.70
#3	-71.307

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3020.1	31098.	3218.5	12.466	2969.0
Stddev	1.2	19.	32.1	1.498	2.4
%RSD	.04052	.06250	.99797	12.015	.08130

#1	3018.7	31120.	3188.6	11.638	2968.7
#2	3020.9	31083.	3214.3	14.195	2966.8
#3	3020.6	31090.	3252.5	11.566	2971.6

Sample Name: S5 Acquired: 2/19/2019 11:45:52 Type: Cal
Method: P4-ICP2(v2878) 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	.61524	1.2588	3.7470	.72148	1.4295	.19859	17.069	.65114
Stddev	.00215	.0015	.0076	.00153	.0032	.00034	.106	.00153
%RSD	.34924	.12033	.20323	.21229	.22547	.17359	.61835	.23431
#1	.61753	1.2599	3.7556	.72264	1.4331	.19820	16.959	.65277
#2	.61326	1.2594	3.7443	.72205	1.4269	.19872	17.080	.64974
#3	.61493	1.2571	3.7410	.71975	1.4285	.19886	17.169	.65091
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	18.106	2.8082	.60143	7.2380	1.7537	3.9408	8.8406	.61702
Stddev	.044	.0234	.00248	.0138	.0036	.0383	.0017	.00944
%RSD	.24456	.83259	.41272	.19031	.20774	.97189	.01863	1.5302
#1	18.153	2.7814	.60011	7.2520	1.7575	3.9004	8.8411	.60613
#2	18.099	2.8188	.60429	7.2375	1.7502	3.9765	8.8419	.62294
#3	18.065	2.8244	.59989	7.2245	1.7535	3.9455	8.8388	.62200
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	3.9391	.78878	14.714	1.1560	14.775	4.2698	6.8718	.48526
Stddev	.0076	.00378	.105	.0020	.026	.0248	.0185	.00405
%RSD	.19236	.47920	.71531	.17419	.17263	.58052	.26960	.83504
#1	3.9472	.78875	14.628	1.1580	14.798	4.2527	6.8932	.48120
#2	3.9378	.79257	14.682	1.1560	14.781	4.2585	6.8603	.48528
#3	3.9323	.78501	14.831	1.1540	14.748	4.2983	6.8620	.48930
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	.08642	4.9201	2.2657	3.0877	15.218	1.035	123.69	2353.6
Stddev	.00056	.0264	.0043	.0225	.108	.003	1.58	18.8
%RSD	.65057	.53685	.18861	.72834	.71151	.3104	1.2811	.80054
#1	.08681	4.8898	2.2705	3.0618	15.100	1.037	122.26	2363.7
#2	.08668	4.9384	2.2623	3.0988	15.239	1.035	125.40	2331.9
#3	.08578	4.9321	2.2643	3.1025	15.313	1.031	123.42	2365.3

Sample Name: S5 Acquired: 2/19/2019 11:45:52 Type: Cal
Method: P4-ICP2(v2878) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-54.104
Stddev	16.151
%RSD	29.852

#1	-50.200
#2	-71.849
#3	-40.263

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2890.0	29844.	3164.9	11.288	2748.8
Stddev	7.1	70.	21.3	1.333	5.1
%RSD	.24570	.23352	.67190	11.814	.18637

#1	2883.5	29881.	3188.8	10.186	2742.9
#2	2897.6	29764.	3147.9	10.906	2751.6
#3	2888.7	29887.	3158.0	12.770	2751.8

Sample Name: ICV01 Acquired: 2/19/2019 12:00:36 Type: Unk
Method: P4-ICP2(v2878) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0352	1.0354	1.0223	1.0363	1.0340	2.5970	.51294	.50185
Stddev	.0098	.0038	.0004	.0021	.0038	.0301	.00220	.00102
%RSD	.94613	.36813	.03778	.19755	.36744	1.1581	.42931	.20327
#1	1.0310	1.0310	1.0224	1.0339	1.0330	2.6062	.51099	.50074
#2	1.0464	1.0382	1.0226	1.0377	1.0382	2.5634	.51533	.50207
#3	1.0282	1.0369	1.0219	1.0372	1.0308	2.6214	.51250	.50274
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49616	10.441	F .51678	.50864	F .53058	5.3340	.52391	6.2514
Stddev	.00146	.022	.00190	.00054	.00089	.0593	.00254	.1205
%RSD	.29377	.21066	.36795	.10630	.16804	1.1114	.48426	1.9276
#1	.49495	10.436	.51537	.50815	.53068	5.3480	.52146	6.3888
#2	.49778	10.464	.51603	.50855	.53142	5.3850	.52375	6.1634
#3	.49575	10.421	.51894	.50922	.52964	5.2690	.52653	6.2020
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50624	.50836	9.9323	.51119	.99748	10.315	F 2.7175	F 2.6751
Stddev	.00208	.00193	.0965	.00202	.00243	.017	.0083	.0221
%RSD	.41037	.37996	.97213	.39519	.24406	.16023	.30670	.82764
#1	.50390	.50712	9.9970	.51068	.99619	10.311	2.7136	2.7006
#2	.50786	.50738	9.9786	.50947	1.0003	10.333	2.7271	2.6636
#3	.50697	.51059	9.8213	.51342	.99595	10.301	2.7119	2.6611
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6233	2.6019	F 2.6532	F 2.7625	F 2.8498	F 2.683	F 2.9363	F 2.9223
Stddev	.0439	.0319	.0019	.0075	.0173	.006	.0229	.1673
%RSD	1.6729	1.2269	.07295	.27229	.60669	.2171	.78011	5.7252
#1	2.5957	2.6102	2.6510	2.7657	2.8611	2.676	2.9559	2.8096
#2	2.6002	2.6289	2.6546	2.7678	2.8583	2.685	2.9418	2.8428
#3	2.6739	2.5667	2.6541	2.7539	2.8299	2.687	2.9111	3.1146

Sample Name: ICV01 Acquired: 2/19/2019 12:00:36 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 34.830
Stddev	1.533
%RSD	4.4023

#1	36.477
#2	34.568
#3	33.444

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3012.9	31066.	3235.6	13.462	3085.4
Stddev	7.0	145.	31.8	.964	7.6
%RSD	.23112	.46825	.98290	7.1623	.24685

#1	3014.9	31178.	3222.5	12.529	3089.0
#2	3005.1	31119.	3212.4	13.402	3076.6
#3	3018.6	30902.	3271.9	14.455	3090.5

Sample Name: LLICV01 Acquired: 2/19/2019 12:05:01 Type: Unk
Method: P4-ICP2(v2878) 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	.01699	.04272	.01090	.01850	.05428	.09116	.09813
Stddev	.00080	.00120	.00032	.00190	.00069	.01169	.00767
%RSD	4.7056	2.8105	2.9303	10.254	1.2642	12.824	7.8117

#1	.01751	.04175	.01062	.02068	.05376	.10118	.10698
#2	.01607	.04406	.01084	.01755	.05506	.07832	.09407
#3	.01738	.04235	.01125	.01726	.05402	.09397	.09336

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00612	.00560	2.0413	.01038	.03143	.02089	.10878
Stddev	.00006	.00006	.0291	.00047	.00005	.00068	.00035
%RSD	1.0163	1.0867	1.4250	4.4844	.14844	3.2450	.32260

#1	.00604	.00555	2.0103	.01092	.03137	.02161	.10910
#2	.00614	.00558	2.0680	.01011	.03145	.02079	.10882
#3	.00616	.00567	2.0455	.01012	.03145	.02026	.10840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02183	2.0899	.04040	.00987	1.9203	.04263	.04040
Stddev	.00005	.0266	.00014	.00019	.0255	.00099	.00013
%RSD	.25086	1.2747	.34581	1.9530	1.3263	2.3248	.31788

#1	.02189	2.0716	.04024	.00967	1.9496	.04340	.04048
#2	.02178	2.0775	.04046	.00989	1.9032	.04151	.04047
#3	.02183	2.1204	.04049	.01006	1.9082	.04298	.04025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0366	.20655	.11425	.01763	.40304	.04229	.04515
Stddev	.0337	.00136	.00179	.01151	.00155	.00090	.00067
%RSD	1.6536	.65920	1.5656	65.260	.38440	2.1292	1.4936

#1	2.0732	.20590	.11536	.02992	.40477	.04139	.04527
#2	2.0070	.20811	.11219	.01588	.40258	.04319	.04443
#3	2.0295	.20563	.11520	.00710	.40178	.04228	.04576

Sample Name: LLICV01 Acquired: 2/19/2019 12:05:01 Type: Unk
Method: P4-ICP2(v2878) 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	.02058	.0184	.01976	F 2.2678	F<.00000
Stddev	.00196	.0013	.00001	.0321	3.9650
%RSD	9.5253	7.126	.03440	1.4152	221.90

#1	.01989	.0191	.01977	2.2649	-5.7701
#2	.02279	.0192	.01976	2.3012	2.1596
#3	.01905	.0169	.01975	2.2372	-1.7501

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3064.5	31747.	3257.3	14.295	3276.5
Stddev	13.5	45.	8.5	.785	6.6
%RSD	.44187	.14081	.26102	5.4942	.20216

#1	3060.6	31696.	3254.9	14.148	3274.0
#2	3053.3	31770.	3250.3	13.593	3271.4
#3	3079.5	31775.	3266.8	15.143	3284.0

Sample Name: ICB01 Acquired: 2/19/2019 12:09:26 Type: Unk
Method: P4-ICP2(v2878) 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	-.00032	.00054	.00063	-.00073	.00077	.00146	.00129
Stddev	.00312	.00264	.00055	.00288	.00115	.00928	.00441
%RSD	967.83	493.17	87.418	392.31	149.92	635.86	342.41

#1	-.00042	-.00245	.00125	-.00358	-.00029	.01187	-.00252
#2	.00284	.00256	.00018	-.00079	.00199	-.00155	.00611
#3	-.00340	.00150	.00047	.00217	.00061	-.00594	.00027

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00000	-.00292	.00005	-.00011	-.00067	.00049
Stddev	.00006	.00003	.01857	.00047	.00008	.00016	.00026
%RSD	115.76	1025.5	636.17	904.64	71.782	23.899	51.802

#1	-.00005	.00002	.01830	-.00029	-.00016	-.00049	.00023
#2	.00001	.00001	-.01619	.00059	-.00013	-.00080	.00052
#3	-.00011	-.00004	-.01088	-.00014	-.00002	-.00071	.00074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.08141	.00003	.00026	-.08316	-.00006	-.00011
Stddev	.00003	.02817	.00057	.00041	.00868	.00027	.00005
%RSD	67.004	34.600	1849.1	157.46	10.440	491.66	43.343

#1	-.00001	-.11333	.00020	.00073	-.07318	.00026	-.00006
#2	-.00007	-.07090	.00050	.00005	-.08899	-.00017	-.00014
#3	-.00007	-.06001	-.00061	-.00000	-.08730	-.00025	-.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04649	-.00029	.01019	F -.01238	.00589	.00085	.00193
Stddev	.02836	.00015	.00260	.00333	.00182	.00021	.00180
%RSD	60.991	52.794	25.544	26.866	30.849	25.031	93.025

#1	.04571	-.00041	.01239	-.01007	.00379	.00109	.00012
#2	.01853	-.00033	.00732	-.01619	.00685	.00070	.00371
#3	.07523	-.00012	.01085	-.01088	.00701	.00075	.00197

Sample Name: ICB01 Acquired: 2/19/2019 12:09:26 Type: Unk
Method: P4-ICP2(v2878) 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	-.00150	-.0005	-.00008	F 2.2617	F<.00000
Stddev	.00292	.0005	.00020	.1489	3.3814
%RSD	194.79	90.17	238.51	6.5848	144.92
#1	.00166	-.0008	-.00030	2.4119	-1.6072
#2	-.00410	.0000	-.00004	2.1141	.62599
#3	-.00206	-.0009	.00009	2.2591	-6.0188
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3066.2	31784.	3250.4	14.195	3291.0
Stddev	7.6	137.	31.1	1.495	3.8
%RSD	.24668	.43029	.95560	10.535	.11530
#1	3065.8	31638.	3261.1	13.486	3289.3
#2	3058.9	31805.	3215.4	13.186	3295.4
#3	3074.0	31909.	3274.6	15.914	3288.5

Sample Name: CRI01 Acquired: 2/19/2019 12:13:54 Type: Unk
Method: P4-ICP2(v2878) 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	.01881	.04447	.01177	.01820	.05454	.10495	.10217
Stddev	.00242	.00080	.00047	.00241	.00115	.00568	.00628
%RSD	12.876	1.7983	4.0321	13.266	2.1071	5.4119	6.1430

#1	.01913	.04387	.01129	.01714	.05584	.11123	.10669
#2	.01624	.04416	.01179	.02097	.05413	.10347	.09501
#3	.02105	.04538	.01224	.01650	.05365	.10016	.10482

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00621	.00557	2.0710	.01046	.03161	.02040	.10902
Stddev	.00013	.00002	.0233	.00039	.00023	.00023	.00236
%RSD	2.1373	.43588	1.1269	3.7172	.71597	1.1409	2.1662

#1	.00630	.00558	2.0957	.01050	.03157	.02042	.10646
#2	.00628	.00554	2.0680	.01005	.03185	.02016	.10950
#3	.00606	.00559	2.0493	.01082	.03140	.02062	.11111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02201	2.1180	.04125	.00993	1.9149	.04330	.04080
Stddev	.00019	.0417	.00012	.00029	.0143	.00057	.00013
%RSD	.87239	1.9686	.28847	2.9049	.74761	1.3056	.32539

#1	.02186	2.0907	.04115	.00966	1.9295	.04274	.04065
#2	.02193	2.0973	.04123	.00990	1.9008	.04329	.04083
#3	.02222	2.1660	.04138	.01024	1.9145	.04387	.04091

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0140	.20769	.10933	.01974	.40400	.04221	.04317
Stddev	.0225	.00093	.00376	.00726	.00465	.00057	.00364
%RSD	1.1167	.44626	3.4366	36.777	1.1512	1.3554	8.4231

#1	2.0143	.20868	.10823	.02810	.40430	.04184	.03898
#2	2.0363	.20757	.11351	.01600	.39921	.04192	.04501
#3	1.9913	.20683	.10624	.01511	.40850	.04287	.04551

Sample Name: CRI01 Acquired: 2/19/2019 12:13:54 Type: Unk
Method: P4-ICP2(v2878) 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	.02042	.0180	.01998	F 2.6472	F<.00000
Stddev	.00444	.0006	.00011	.0291	2.8162
%RSD	21.764	3.313	.52872	1.0988	112.12
#1	.01798	.0180	.01988	2.6737	-3.8926
#2	.01773	.0175	.01997	2.6161	-4.3712
#3	.02555	.0187	.02009	2.6518	.72823
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3051.6	31460.	3249.5	13.791	3246.6
Stddev	16.9	61.	20.3	.318	6.6
%RSD	.55279	.19484	.62593	2.3085	.20409
#1	3032.3	31523.	3247.3	13.425	3239.0
#2	3058.6	31455.	3270.9	13.943	3250.5
#3	3063.8	31401.	3230.4	14.005	3250.4

Sample Name: ICSA01 Acquired: 2/19/2019 12:18:19 Type: Unk
Method: P4-ICP2(v2878) 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	-.01473	.00215	-.00049	-.00560	-.00839	290.15	-.00337	-.00048
Stddev	.00314	.00324	.00084	.00453	.00253	2.03	.00045	.00005
%RSD	21.321	150.50	169.92	80.837	30.137	.69870	13.331	11.320
#1	-.01816	-.00158	.00043	-.00095	-.01120	289.23	-.00334	-.00053
#2	-.01400	.00388	-.00071	-.00586	-.00631	288.75	-.00293	-.00047
#3	-.01201	.00416	-.00120	-.00998	-.00765	292.48	-.00383	-.00042
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00322	257.01	.06084	-.00082	-.00705	96.990	.01707	273.85
Stddev	.00010	.61	.00035	.00009	.00071	.537	.00020	.81
%RSD	3.0538	.23602	.56901	10.627	10.127	.55333	1.1523	.29445
#1	-.00325	257.39	.06117	-.00076	-.00786	97.245	.01684	273.67
#2	-.00329	256.31	.06048	-.00091	-.00679	97.351	.01715	273.14
#3	-.00310	257.32	.06087	-.00078	-.00651	96.373	.01720	274.73
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00173	-.00367	-.01374	.00229	-.01446	.17883	.00118	.04949
Stddev	.00063	.00071	.00806	.00022	.00009	.01686	.00033	.01829
%RSD	36.241	19.339	58.638	9.6699	.62235	9.4278	27.912	36.967
#1	-.00133	-.00338	-.02304	.00253	-.01436	.16052	.00140	.06798
#2	-.00140	-.00316	-.00894	.00209	-.01453	.18225	.00080	.03139
#3	-.00245	-.00448	-.00924	.00226	-.01448	.19371	.00133	.04910
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00916	-.00883	.01264	-.00065	F .02982	.0032	.00171	4.4044
Stddev	.00537	.00179	.00184	.00092	.00269	.0014	.00042	.1097
%RSD	58.639	20.313	14.552	140.93	9.0300	43.00	24.836	2.4913
#1	.01521	-.00911	.01308	-.00154	.03290	.0019	.00185	4.3614
#2	.00731	-.00692	.01423	-.00070	.02867	.0030	.00123	4.3227
#3	.00496	-.01048	.01063	.00029	.02789	.0047	.00204	4.5292

Sample Name: ICSA01 Acquired: 2/19/2019 12:18:19 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	904.73
Stddev	7.52
%RSD	.83152

#1	910.83
#2	907.03
#3	896.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2683.6	27207.	3082.4	12.205	2591.6
Stddev	3.8	89.	18.2	.652	8.5
%RSD	.14285	.32584	.59148	5.3439	.32747

#1	2683.3	27160.	3063.2	11.454	2591.7
#2	2687.6	27309.	3084.4	12.635	2600.0
#3	2680.0	27152.	3099.5	12.525	2583.0

Sample Name: ICSAB01 Acquired: 2/19/2019 12:22:50 Type: Unk
Method: P4-ICP2(v2878) 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	.09517	.09173	.04788	.05004	.64104	281.71	.50701	.56209
Stddev	.00669	.00290	.00134	.00427	.00400	2.20	.00273	.00110
%RSD	7.0333	3.1654	2.7985	8.5271	.62446	.78064	.53926	.19502
#1	.10060	.09407	.04702	.05052	.63683	279.26	.50690	.56121
#2	.08769	.08848	.04942	.05405	.64480	282.39	.50433	.56173
#3	.09723	.09265	.04719	.04556	.64148	283.50	.50979	.56332
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0194	251.05	.58744	.51583	.50853	94.832	.54471	267.80
Stddev	.0009	.58	.00290	.00179	.00157	.114	.00133	.52
%RSD	.08440	.23074	.49349	.34767	.30863	.12029	.24352	.19603
#1	1.0190	250.46	.58500	.51601	.50672	94.959	.54318	267.28
#2	1.0189	251.61	.58667	.51395	.50929	94.799	.54545	268.33
#3	1.0204	251.07	.59065	.51752	.50957	94.738	.54550	267.77
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0007	.18843	-.01944	.52616	1.0886	.19237	F 1.2100	F 1.2238
Stddev	.0034	.00135	.00937	.00228	.0007	.04934	.0034	.0074
%RSD	.34197	.71904	48.186	.43248	.06550	25.651	.28026	.60797
#1	.99845	.18889	-.01331	.52367	1.0887	.19156	1.2065	1.2158
#2	.99895	.18691	-.01478	.52669	1.0878	.24212	1.2102	1.2250
#3	1.0046	.18950	-.03022	.52813	1.0893	.14344	1.2133	1.2306
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1916	1.0863	F 1.2271	F 1.2083	F 1.2122	1.158	1.1544	4.5024
Stddev	.0372	.0127	.0049	.0034	.0023	.005	.0048	.1000
%RSD	3.1241	1.1716	.39551	.28014	.19328	.4694	.41433	2.2203
#1	1.2300	1.0980	1.2301	1.2049	1.2097	1.163	1.1495	4.4495
#2	1.1892	1.0881	1.2215	1.2082	1.2143	1.152	1.1591	4.4400
#3	1.1557	1.0727	1.2298	1.2117	1.2127	1.159	1.1545	4.6177

Sample Name: ICSAB01 Acquired: 2/19/2019 12:22:50 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	879.61
Stddev	3.87
%RSD	.43967

#1	880.19
#2	883.16
#3	875.49

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2686.7	27421.	3099.8	13.245	2584.6
Stddev	5.9	127.	6.1	1.243	2.8
%RSD	.22000	.46368	.19619	9.3817	.10704

#1	2687.8	27520.	3092.8	14.614	2581.7
#2	2680.3	27466.	3103.6	12.935	2584.8
#3	2692.0	27278.	3103.0	12.187	2587.2

Sample Name: CCV01 Acquired: 2/19/2019 12:27:04 Type: Unk
Method: P4-ICP2(v2878) 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	5.2255	5.1304	5.2376	5.1880	5.2219	10.387	9.9397
Stddev	.0203	.0095	.0046	.0198	.0128	.010	.0205
%RSD	.38933	.18426	.08715	.38179	.24550	.09938	.20658

#1	5.2256	5.1223	5.2428	5.1736	5.2242	10.393	9.9588
#2	5.2458	5.1408	5.2352	5.2106	5.2334	10.392	9.9180
#3	5.2051	5.1280	5.2347	5.1798	5.2080	10.375	9.9424

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26020	2.5447	25.504	1.0507	2.5749	1.2939	5.1482
Stddev	.00022	.0037	.052	.0017	.0044	.0034	.0044
%RSD	.08331	.14379	.20513	.16517	.17011	.26213	.08590

#1	.26045	2.5465	25.444	1.0515	2.5731	1.2933	5.1463
#2	.26013	2.5471	25.537	1.0519	2.5799	1.2976	5.1532
#3	.26004	2.5405	25.533	1.0487	2.5717	1.2909	5.1449

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6218	25.847	2.5255	1.3390	24.245	2.5807	2.5897
Stddev	.0027	.098	.0038	.0020	.036	.0013	.0032
%RSD	.10181	.38027	.15161	.15098	.14867	.04906	.12437

#1	2.6200	25.772	2.5279	1.3399	24.267	2.5798	2.5919
#2	2.6248	25.811	2.5274	1.3405	24.203	2.5802	2.5911
#3	2.6205	25.958	2.5211	1.3367	24.264	2.5822	2.5860

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.836	5.2160	4.9670	5.0279	5.0214	5.1104	5.1333
Stddev	.092	.0054	.0179	.0210	.0190	.0054	.0188
%RSD	.37171	.10417	.36071	.41784	.37888	.10555	.36701

#1	24.828	5.2209	4.9519	5.0081	5.0059	5.1099	5.1225
#2	24.747	5.2168	4.9868	5.0499	5.0157	5.1160	5.1551
#3	24.932	5.2102	4.9623	5.0256	5.0426	5.1053	5.1224

Sample Name: CCV01 Acquired: 2/19/2019 12:27:04 Type: Unk
 Method: P4-ICP2(v2878) 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	5.0507	5.174	5.1697	F 4.4118	F<.00000
Stddev	.0104	.019	.0148	.1582	2.2374
%RSD	.20483	.3669	.28638	3.5859	46.487
#1	5.0569	5.190	5.1797	4.3690	-2.5526
#2	5.0387	5.179	5.1527	4.5871	-4.8594
#3	5.0564	5.153	5.1767	4.2795	-7.0266
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2872.7	29426.	3196.8	13.302	2847.4
Stddev	4.6	134.	7.4	.665	4.8
%RSD	.15942	.45436	.23213	4.9998	.16805
#1	2867.6	29344.	3190.1	13.950	2842.7
#2	2876.4	29355.	3195.4	13.335	2852.3
#3	2874.1	29581.	3204.8	12.621	2847.3

Sample Name: LLCCV01 Acquired: 2/19/2019 12:47:28 Type: Unk
Method: P4-ICP2(v2878) 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	.02073	.04574	.01243	.01936	.05839	.10680	.10109
Stddev	.00035	.00073	.00060	.00146	.00094	.00842	.00081
%RSD	1.7037	1.5988	4.7871	7.5363	1.6064	7.8825	.79748

#1	.02071	.04634	.01308	.01775	.05864	.11631	.10061
#2	.02109	.04492	.01230	.01974	.05918	.10030	.10202
#3	.02039	.04594	.01191	.02060	.05735	.10377	.10064

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00670	.00594	2.1702	.01101	.03389	.02199	.11745
Stddev	.00015	.00014	.0232	.00031	.00013	.00038	.00234
%RSD	2.2724	2.3244	1.0710	2.8404	.39606	1.7125	1.9928

#1	.00653	.00609	2.1635	.01137	.03378	.02195	.11834
#2	.00683	.00581	2.1960	.01081	.03385	.02164	.11480
#3	.00673	.00591	2.1510	.01086	.03404	.02239	.11922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02350	2.2658	.04353	.01102	1.9990	.04614	.04358
Stddev	.00015	.0731	.00014	.00069	.0126	.00064	.00013
%RSD	.63291	3.2270	.32949	6.2695	.63221	1.3908	.29898

#1	.02341	2.2260	.04337	.01070	2.0133	.04540	.04345
#2	.02343	2.2213	.04363	.01055	1.9894	.04652	.04358
#3	.02367	2.3502	.04359	.01181	1.9943	.04650	.04371

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1638	.22257	.11635	.02100	.42821	.04507	.04600
Stddev	.0245	.00087	.01786	.00536	.00153	.00064	.00306
%RSD	1.1321	.38984	15.352	25.535	.35819	1.4238	6.6564

#1	2.1385	.22279	.13048	.02523	.42996	.04579	.04953
#2	2.1657	.22331	.09627	.01497	.42707	.04455	.04420
#3	2.1874	.22161	.12231	.02279	.42762	.04486	.04427

Sample Name: LLCCV01 Acquired: 2/19/2019 12:47:28 Type: Unk
 Method: P4-ICP2(v2878) 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	.01760	.0183	.02117	F 3.2848	F<.00000
Stddev	.00298	.0015	.00009	.0969	1.4432
%RSD	16.935	8.048	.41107	2.9485	99.246

#1	.01477	.0199	.02109	3.2650	-1.0157
#2	.02071	.0177	.02126	3.3900	-.28102
#3	.01733	.0172	.02117	3.1993	-3.0657

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2969.1	30771.	3218.5	14.217	3182.6
Stddev	7.6	59.	9.2	.554	5.7
%RSD	.25555	.19030	.28472	3.8953	.17964

#1	2961.0	30775.	3227.3	13.675	3179.5
#2	2976.0	30710.	3209.0	14.782	3189.2
#3	2970.2	30827.	3219.1	14.193	3179.2

Sample Name: CCB01 Acquired: 2/19/2019 12:51:55 Type: Unk
Method: P4-ICP2(v2878) 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	-.00149	.00149	.00096	-.00341	-.00039	-.00772	-.00377
Stddev	.00103	.00154	.00028	.00304	.00113	.00245	.00509
%RSD	69.374	103.31	29.506	89.161	289.64	31.777	135.08

#1	-.00102	.00167	.00118	-.00416	-.00103	-.00929	-.00270
#2	-.00077	.00294	.00064	-.00007	-.00106	-.00489	-.00931
#3	-.00267	-.00013	.00106	-.00601	.00092	-.00899	.00070

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00006	.01688	.00039	-.00025	-.00009	.00092
Stddev	.00006	.00003	.01633	.00017	.00008	.00036	.00185
%RSD	62.624	56.795	96.703	44.939	31.548	388.54	201.44

#1	.00011	-.00007	-.00183	.00057	-.00031	-.00047	.00112
#2	.00003	-.00002	.02424	.00038	-.00029	.00023	.00265
#3	.00013	-.00009	.02823	.00022	-.00016	-.00003	-.00102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.02878	.00003	.00190	-.11695	.00001	.00139
Stddev	.00005	.01475	.00015	.00023	.00784	.00030	.00018
%RSD	186.27	51.228	450.52	11.970	6.7041	4912.5	13.142

#1	-.00005	-.04577	-.00012	.00186	-.11361	-.00029	.00131
#2	.00003	-.01932	.00004	.00215	-.12591	.00032	.00126
#3	-.00007	-.02126	.00018	.00170	-.11133	-.00000	.00160

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03986	-.00034	.00953	F .00895	.00165	.00045	.00006
Stddev	.04585	.00020	.00521	.00712	.00256	.00045	.00124
%RSD	115.04	59.616	54.696	79.584	155.02	99.942	2175.3

#1	.08739	-.00014	.01281	.00667	.00102	.00012	.00125
#2	.03630	-.00055	.00352	.01694	.00448	.00027	.00015
#3	-.00411	-.00033	.01226	.00325	-.00053	.00095	-.00123

Sample Name: CCB01 Acquired: 2/19/2019 12:51:55 Type: Unk
 Method: P4-ICP2(v2878) 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	-.00553	.0006	-.00008	F 3.4687	F<.00000
Stddev	.00105	.0016	.00011	.0464	5.2584
%RSD	19.032	247.6	134.48	1.3387	3874.5

#1	-.00672	-.0006	-.00016	3.5102	-5.9748
#2	-.00516	.0024	.00005	3.4185	4.2260
#3	-.00472	.0001	-.00014	3.4774	1.3417

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2957.3	30414.	3184.7	12.595	3175.1
Stddev	3.5	47.	21.6	1.145	1.6
%RSD	.11923	.15393	.67807	9.0918	.05086

#1	2956.1	30465.	3174.3	12.691	3173.2
#2	2954.6	30404.	3209.5	13.689	3176.0
#3	2961.3	30373.	3170.3	11.405	3176.0

Sample Name: LR CHECK 1 Acquired: 2/19/2019 12:55:55 Type: Unk
Method: P4-ICP2(v2878) 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	-.21397	-.06853	-.04345	-.29505	-.14696	1954.4	-.02166	.02002
Stddev	.00345	.01043	.00433	.01205	.01828	5.8	.00417	.00024
%RSD	1.6138	15.222	9.9581	4.0853	12.436	.29747	19.273	1.1926

#1	-.21749	-.08056	-.03910	-.29653	-.13884	1958.7	-.02607	.01986
#2	-.21382	-.06303	-.04775	-.30630	-.16789	1947.8	-.02113	.02029
#3	-.21059	-.06200	-.04349	-.28233	-.13415	1956.6	-.01777	.01991

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12058	1747.4	-.03921	.09941	.17638	913.09	.01603	1810.6
Stddev	.00058	17.0	.00213	.00092	.00320	10.87	.00018	14.2
%RSD	.47952	.97360	5.4279	.92953	1.8147	1.1907	1.1170	.78449

#1	.12099	1727.8	-.03684	.09905	.17718	900.55	.01583	1796.0
#2	.12082	1756.9	-.04097	.09871	.17286	918.84	.01614	1824.3
#3	.11992	1757.6	-.03983	.10045	.17911	919.88	.01613	1811.4

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11867	-.19171	1701.8	.01884	.19653	1064.5	.01886	-.75554
Stddev	.00248	.00488	19.0	.00080	.00373	4.8	.00176	.02796
%RSD	2.0881	2.5439	1.1173	4.2597	1.8973	.44736	9.3316	3.7004

#1	.11682	-.19715	1685.5	.01811	.20018	1065.3	.02086	-.74028
#2	.12149	-.18773	1697.3	.01873	.19669	1068.8	.01756	-.73853
#3	.11772	-.19024	1722.7	.01970	.19273	1059.4	.01815	-.78781

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33035	-.03186	.11079	-.05102	.23420	.0970	-.98848	<.00000
Stddev	.06353	.00267	.00409	.00295	.00068	.0023	.01181	.18597
%RSD	19.231	8.3756	3.6908	5.7899	.29136	2.360	1.1950	1.9303

#1	.30190	-.03490	.10998	-.05073	.23350	.0980	-.97485	-9.6795
#2	.28602	-.03075	.11522	-.05411	.23423	.0986	-.99479	-9.7936
#3	.40314	-.02992	.10717	-.04823	.23487	.0944	-.99579	-9.4299

Sample Name: LR CHECK 1 Acquired: 2/19/2019 12:55:55 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 15824.
Stddev 10.
%RSD .06225

#1 15824.
#2 15834.
#3 15815.

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2021.5	20606.	2733.1	13.471	1491.7
Stddev	1.6	107.	24.5	1.580	4.9
%RSD	.07765	.51914	.89583	11.726	.32786

#1	2019.8	20524.	2761.4	11.859	1492.1
#2	2022.9	20727.	2718.8	15.016	1486.6
#3	2021.8	20567.	2719.2	13.540	1496.4

Sample Name: LR CHECK 2 Acquired: 2/19/2019 13:00:59 Type: Unk
Method: P4-ICP2(v2878) 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	-.00363	-.00842	251.02	.02516	-.06633	-.31560	98.027	-.00046
Stddev	.00440	.00145	.57	.00508	.00092	.01280	.731	.00005
%RSD	121.29	17.173	.22827	20.182	1.3890	4.0552	.74609	11.104

#1	-.00865	-.00721	250.38	.02900	-.06536	-.31667	98.856	-.00051
#2	-.00043	-.01002	251.19	.01940	-.06719	-.30230	97.749	-.00041
#3	-.00181	-.00802	251.49	.02707	-.06645	-.32782	97.475	-.00046

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01379	.23311	-.13178	-.01490	273.64	-.77184	44.247	-.12323
Stddev	.00008	.01294	.00066	.00018	1.24	.00107	.297	.01726
%RSD	.58795	5.5517	.49901	1.1929	.45251	.13815	.67115	14.010

#1	-.01373	.24579	-.13156	-.01502	275.00	-.77120	44.337	-.10429
#2	-.01375	.23363	-.13251	-.01499	273.36	-.77125	44.489	-.13808
#3	-.01388	.21992	-.13125	-.01470	272.57	-.77307	43.916	-.12732

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.685	.00859	1.4407	-.08166	38.287	2.3492	-.00639	.00795
Stddev	.127	.00005	.0360	.00048	.222	.2560	.00048	.00602
%RSD	.24586	.53064	2.4962	.58185	.58089	10.897	7.5575	75.645

#1	51.722	.00862	1.4700	-.08220	38.540	2.6209	-.00586	.00156
#2	51.789	.00854	1.4517	-.08148	38.196	2.3144	-.00650	.00878
#3	51.543	.00862	1.4006	-.08131	38.124	2.1124	-.00681	.01351

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04730	.00151	.00466	-.00192	-.00348	.0286	.00236	3.9387
Stddev	.00798	.00148	.00030	.00169	.00403	.0090	.00009	.0537
%RSD	16.873	98.116	6.4278	88.243	115.93	31.53	3.6185	1.3627

#1	-.04785	.00054	.00469	-.00272	-.00776	.0339	.00231	3.9625
#2	-.05499	.00078	.00493	-.00306	-.00293	.0337	.00231	3.9764
#3	-.03906	.00322	.00434	.00003	.00025	.0182	.00246	3.8773

Sample Name: LR CHECK 2 Acquired: 2/19/2019 13:00:59 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 2.9175
%RSD 2.6685

#1 -106.79
#2 -112.52
#3 -108.67

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2678.2	31195.	3303.9	12.164	2923.5
Stddev	9.1	149.	39.0	1.240	10.9
%RSD	.33971	.47723	1.1812	10.196	.37140

#1	2669.6	31155.	3293.6	13.590	2914.5
#2	2677.2	31071.	3271.0	11.555	2920.6
#3	2687.8	31360.	3347.0	11.345	2935.6

Sample Name: K1513-01DLX10 Acquired: 2/19/2019 13:05:55 Type: Unk
Method: P4-ICP2(v2878) 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	.00396	-.00901	.11372	-.00197	-.00669	18.028	.20340	.00070
Stddev	.00198	.00119	.00236	.00399	.00081	.125	.00478	.00002
%RSD	50.072	13.210	2.0738	202.50	12.065	.69167	2.3477	2.2305
#1	.00599	-.01013	.11633	-.00261	-.00721	17.900	.20534	.00071
#2	.00385	-.00776	.11308	-.00560	-.00709	18.149	.20690	.00069
#3	.00203	-.00914	.11174	.00230	-.00576	18.035	.19796	.00072
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	260.34	.03584	.01251	.05577	31.107	.52896	29.776
Stddev	.00007	.85	.00062	.00021	.00076	.186	.00266	.113
%RSD	6.3524	.32784	1.7326	1.6957	1.3593	.59754	.50212	.37787
#1	.00110	260.66	.03577	.01274	.05503	31.275	.52675	29.652
#2	.00112	260.99	.03650	.01231	.05655	31.139	.53191	29.804
#3	.00099	259.37	.03526	.01248	.05572	30.908	.52823	29.871
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02040	-.00091	1.5133	.03451	.45374	3.8016	.00066	.05368
Stddev	.00051	.00002	.0279	.00043	.00088	.0321	.00036	.00786
%RSD	2.5226	1.8078	1.8453	1.2383	.19413	.84577	54.947	14.639
#1	.02068	-.00092	1.5413	.03402	.45474	3.8303	.00068	.06188
#2	.02072	-.00092	1.5133	.03467	.45309	3.8077	.00028	.05295
#3	.01981	-.00089	1.4854	.03483	.45339	3.7669	.00100	.04621
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2336	.14772	.00543	.70609	.06869	.5005	1.1038	4.3857
Stddev	.0507	.00013	.00048	.00471	.00069	.0023	.0053	.0700
%RSD	.81295	.08717	8.8915	.66726	.99948	.4655	.48136	1.5953
#1	6.1857	.14768	.00513	.70349	.06822	.5023	1.1075	4.4665
#2	6.2867	.14787	.00516	.71152	.06837	.5012	1.1061	4.3453
#3	6.2285	.14763	.00598	.70325	.06948	.4978	1.0977	4.3452

Sample Name: K1513-01DLX10 Acquired: 2/19/2019 13:05:55 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 259.25
Stddev	.94
%RSD	.36400

#1	258.37
#2	260.24
#3	259.14

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2780.7	28553.	3177.8	13.028	2757.7
Stddev	13.0	148.	28.1	1.904	11.4
%RSD	.46769	.51993	.88467	14.612	.41463

#1	2767.7	28539.	3153.8	11.461	2748.8
#2	2793.7	28412.	3170.8	15.146	2770.6
#3	2780.6	28708.	3208.7	12.475	2753.7

Sample Name: K1518-01 Acquired: 2/19/2019 13:10:16 Type: Unk
Method: P4-ICP2(v2878) 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	.32531	-.13226	12.359	-.08480	-.06113	121.06	3.3192	.01550
Stddev	.00377	.00542	.064	.00046	.00333	.10	.0172	.00015
%RSD	1.1592	4.1005	.52102	.54759	5.4470	.08348	.51751	.97929
#1	.32953	-.13343	12.381	-.08427	-.06405	120.98	3.3376	.01532
#2	.32413	-.12635	12.287	-.08513	-.05750	121.17	3.3164	.01558
#3	.32227	-.13701	12.410	-.08500	-.06183	121.03	3.3036	.01559
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32005	341.84	1.0425	.25768	4.3033	560.22	9.5986	139.08
Stddev	.00269	2.63	.0015	.00077	.0170	5.41	.0767	.93
%RSD	.84013	.76806	.14850	.29775	.39541	.96649	.79877	.66983
#1	.31973	344.86	1.0436	.25695	4.3155	565.68	9.6861	140.05
#2	.31753	340.50	1.0432	.25848	4.3106	560.14	9.5663	139.00
#3	.32288	340.15	1.0407	.25760	4.2839	554.85	9.5433	138.19
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2143	-.07250	2.8823	.67461	10.719	20.423	.26153	-.18889
Stddev	.0012	.00040	.0161	.00429	.069	.046	.00200	.01834
%RSD	.09611	.55176	.55702	.63613	.64317	.22531	.76312	9.7081
#1	1.2141	-.07225	2.8977	.67044	10.745	20.412	.26257	-.16800
#2	1.2132	-.07296	2.8837	.67901	10.641	20.474	.26279	-.19634
#3	1.2155	-.07229	2.8657	.67439	10.771	20.384	.25923	-.20232
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2580	4.0791	.95013	5.7829	.23768	F 12.37	.26005	<.00000
Stddev	.0570	.0194	.00210	.0208	.00119	.08	.00172	.23630
%RSD	.68976	.47456	.22139	.35886	.50095	.6729	.66260	2.5041
#1	8.2091	4.0942	.95253	5.8067	.23889	12.41	.26102	-9.1646
#2	8.2444	4.0858	.94860	5.7690	.23765	12.28	.25806	-9.5919
#3	8.3205	4.0573	.94926	5.7729	.23650	12.43	.26106	-9.5531

Sample Name: K1518-01 Acquired: 2/19/2019 13:10:16 Type: Unk
 Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 12248.
 Stddev 19.
 %RSD .15316

#1 12235.
 #2 12239.
 #3 12269.

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2998.9	31675.	3674.7	12.256	2263.6
Stddev	15.4	116.	36.8	.365	14.2
%RSD	.51253	.36555	1.0011	2.9769	.62648

#1	2983.7	31547.	3633.6	11.965	2253.9
#2	2998.5	31702.	3686.0	12.138	2279.9
#3	3014.5	31774.	3704.5	12.666	2257.1

Sample Name: K1518-03 Acquired: 2/19/2019 13:14:45 Type: Unk
Method: P4-ICP2(v2878) 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	.24927	-.08017	28.153	-.02016	.04572	128.11	5.8619	.01152
Stddev	.00465	.00068	.054	.00740	.00302	.83	.0251	.00023
%RSD	1.8675	.84849	.19058	36.711	6.6058	.65041	.42768	1.9736
#1	.24591	-.07957	28.215	-.02158	.04920	127.52	5.8510	.01170
#2	.24732	-.08091	28.123	-.01215	.04385	129.06	5.8906	.01160
#3	.25458	-.08003	28.121	-.02675	.04410	127.75	5.8441	.01127
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07386	182.74	.50704	.19202	5.8086	414.62	7.6413	69.930
Stddev	.00025	.50	.00213	.00036	.0121	1.93	.0655	.299
%RSD	.33666	.27126	.42002	.18900	.20766	.46537	.85747	.42790
#1	.07387	182.70	.50610	.19188	5.8102	416.23	7.5761	69.615
#2	.07360	183.25	.50948	.19244	5.7958	415.15	7.7071	70.210
#3	.07410	182.26	.50554	.19176	5.8197	412.48	7.6409	69.967
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83533	-.02933	1.6725	.45061	12.384	15.062	.02929	.01619
Stddev	.00060	.00054	.0078	.00112	.032	.066	.00026	.00805
%RSD	.07158	1.8529	.46785	.24904	.25742	.43490	.87543	49.725
#1	.83596	-.02928	1.6694	.45166	12.420	15.112	.02954	.01281
#2	.83477	-.02990	1.6814	.45074	12.365	15.087	.02903	.02537
#3	.83527	-.02882	1.6667	.44943	12.366	14.988	.02929	.01038
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5928	2.6680	4.4261	4.2386	.20482	F 11.34	.42232	<.00000
Stddev	.0064	.0144	.0062	.0073	.00165	.04	.00134	.18424
%RSD	.09769	.53961	.13979	.17213	.80631	.3314	.31775	3.8160
#1	6.5895	2.6846	4.4198	4.2314	.20438	11.38	.42138	-5.0187
#2	6.6002	2.6582	4.4264	4.2385	.20665	11.31	.42386	-4.6510
#3	6.5887	2.6614	4.4321	4.2460	.20344	11.34	.42173	-4.8149

Sample Name: K1518-03 Acquired: 2/19/2019 13:14:45 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 7208.5
Stddev 14.6
%RSD .20198

#1 7217.8
#2 7216.0
#3 7191.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3156.4	33324.	3777.8	12.754	2508.9
Stddev	4.2	194.	6.3	1.549	6.3
%RSD	.13274	.58248	.16646	12.143	.25211

#1	3154.2	33519.	3777.1	13.616	2501.8
#2	3161.2	33131.	3771.8	13.679	2511.0
#3	3153.6	33322.	3784.4	10.966	2513.9

Sample Name: K1518-05 Acquired: 2/19/2019 13:19:16 Type: Unk
Method: P4-ICP2(v2878) 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	.16242	-.07112	29.446	-.08921	.02535	136.15	4.3709	.01819
Stddev	.00709	.00528	.016	.00555	.00090	.34	.0130	.00061
%RSD	4.3665	7.4248	.05448	6.2175	3.5678	.25027	.29675	3.3392
#1	.17060	-.07611	29.443	-.08482	.02433	136.24	4.3721	.01750
#2	.15799	-.07165	29.432	-.09545	.02607	136.44	4.3574	.01861
#3	.15867	-.06559	29.464	-.08738	.02564	135.77	4.3833	.01847
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07652	57.256	.35971	.20206	4.7948	625.21	8.6918	33.184
Stddev	.00046	.333	.00250	.00015	.0039	3.17	.0617	.355
%RSD	.60714	.58150	.69398	.07346	.08057	.50639	.70936	1.0687
#1	.07615	56.959	.35956	.20190	4.7931	626.64	8.7629	32.916
#2	.07704	57.195	.36228	.20209	4.7992	621.58	8.6590	33.049
#3	.07637	57.616	.35729	.20219	4.7921	627.41	8.6535	33.586
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53889	-.07973	1.6221	.43145	14.218	10.290	.01971	-.30357
Stddev	.00201	.00070	.0226	.00411	.008	.028	.00021	.01619
%RSD	.37381	.88100	1.3905	.95354	.05642	.26739	1.0682	5.3343
#1	.53676	-.07928	1.6348	.42772	14.224	10.311	.01947	-.29544
#2	.53915	-.08054	1.5960	.43586	14.209	10.259	.01988	-.29304
#3	.54077	-.07936	1.6353	.43077	14.222	10.300	.01979	-.32221
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.101	2.4697	4.9303	1.8459	.16941	F 19.74	-.27025	<.00000
Stddev	.036	.0226	.0049	.0181	.00148	.02	.00260	.38347
%RSD	.32874	.91412	.09904	.97805	.87386	.1218	.96153	3.2201
#1	11.072	2.4498	4.9267	1.8340	.17014	19.74	-.27247	-11.471
#2	11.089	2.4651	4.9283	1.8369	.16771	19.76	-.26739	-12.070
#3	11.142	2.4942	4.9358	1.8666	.17038	19.71	-.27088	-12.185

Sample Name: K1518-05 Acquired: 2/19/2019 13:19:16 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 14140.
Stddev 50.
%RSD .35615

#1 14088.
#2 14142.
#3 14189.

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3111.1	32429.	3708.9	15.173	2405.1
Stddev	3.3	197.	17.0	.347	2.8
%RSD	.10609	.60807	.45791	2.2840	.11809

#1	3114.1	32280.	3696.4	15.165	2406.9
#2	3107.6	32355.	3728.2	15.523	2406.5
#3	3111.7	32653.	3702.1	14.830	2401.8

Sample Name: K1518-07 Acquired: 2/19/2019 13:23:49 Type: Unk
Method: P4-ICP2(v2878) 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	.08910	-.06228	32.410	.00014	-.02159	123.63	1.9768	.00880
Stddev	.00077	.00122	.079	.00433	.00234	.29	.0176	.00006
%RSD	.86504	1.9638	.24481	3140.9	10.854	.23120	.89210	.71343
#1	.08919	-.06160	32.323	-.00200	-.02004	123.39	1.9918	.00873
#2	.08829	-.06370	32.428	-.00271	-.02043	123.95	1.9574	.00881
#3	.08982	-.06156	32.479	.00512	-.02428	123.57	1.9813	.00885
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00906	37.050	.23237	.16292	.58593	228.37	4.8007	51.792
Stddev	.00031	.485	.00074	.00056	.00300	2.38	.0288	.265
%RSD	3.3923	1.3093	.31743	.34677	.51175	1.0439	.60019	.51197
#1	.00901	37.090	.23311	.16354	.58847	228.60	4.8245	51.776
#2	.00938	36.546	.23238	.16244	.58670	225.89	4.8090	51.535
#3	.00877	37.514	.23163	.16279	.58262	230.64	4.7687	52.065
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50226	-.01224	1.1142	.36812	2.2217	16.344	.01478	.08420
Stddev	.00233	.00038	.0080	.00014	.0043	.085	.00027	.00481
%RSD	.46424	3.0839	.72005	.03930	.19464	.51882	1.7972	5.7174
#1	.49957	-.01267	1.1233	.36825	2.2168	16.442	.01451	.08433
#2	.50369	-.01212	1.1086	.36814	2.2234	16.286	.01504	.07931
#3	.50352	-.01194	1.1106	.36796	2.2249	16.306	.01478	.08894
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.631	3.0461	.15585	3.8190	.18395	8.455	-.04438	<.00000
Stddev	.043	.0461	.00123	.0253	.00278	.006	.00289	.07173
%RSD	.36648	1.5122	.78925	.66292	1.5113	.0742	6.5045	2.8390
#1	11.642	3.0862	.15725	3.7973	.18108	8.448	-.04478	-2.4445
#2	11.668	2.9958	.15493	3.8130	.18412	8.461	-.04131	-2.5589
#3	11.584	3.0563	.15538	3.8468	.18664	8.457	-.04705	-2.5767

Sample Name: K1518-07 Acquired: 2/19/2019 13:23:49 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3253.7
Stddev 10.6
%RSD .32706

#1 3253.8
#2 3243.1
#3 3264.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3432.7	35714.	3984.9	13.545	2733.9
Stddev	6.9	85.	31.3	1.753	4.9
%RSD	.20101	.23763	.78619	12.944	.17808

#1	3426.5	35664.	3963.8	11.581	2739.4
#2	3431.3	35666.	4020.9	14.953	2731.6
#3	3440.1	35812.	3970.0	14.101	2730.5

Sample Name: K1518-09 Acquired: 2/19/2019 13:28:23 Type: Unk
Method: P4-ICP2(v2878) 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	.46324	-.10368	10.491	-.03098	-.05074	139.16	1.6656	.01740
Stddev	.00431	.00324	.010	.00353	.00292	.75	.0117	.00007
%RSD	.92997	3.1268	.09497	11.392	5.7643	.54039	.69926	.42152
#1	.46280	-.10477	10.495	-.02719	-.05184	139.03	1.6735	.01745
#2	.45916	-.10003	10.479	-.03417	-.05295	138.48	1.6710	.01743
#3	.46775	-.10624	10.498	-.03157	-.04742	139.96	1.6522	.01732
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09661	102.63	.58647	.25385	2.9982	446.61	8.2013	78.180
Stddev	.00092	1.18	.00217	.00035	.0058	6.05	.0286	.908
%RSD	.94937	1.1470	.37070	.13901	.19493	1.3546	.34825	1.1612
#1	.09630	102.65	.58521	.25425	2.9996	449.39	8.2341	77.977
#2	.09588	103.79	.58521	.25358	2.9918	450.77	8.1876	79.173
#3	.09764	101.44	.58898	.25374	3.0032	439.67	8.1820	77.392
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0517	-.04097	1.9312	.61551	7.5722	18.119	.08722	.00328
Stddev	.0022	.00066	.0172	.00122	.0096	.100	.00037	.01762
%RSD	.21193	1.6186	.88976	.19826	.12720	.55347	.42707	536.90
#1	1.0529	-.04069	1.9389	.61689	7.5705	18.153	.08764	.02112
#2	1.0492	-.04049	1.9433	.61458	7.5635	18.199	.08711	.00285
#3	1.0531	-.04173	1.9116	.61505	7.5826	18.007	.08692	-.01412
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7163	2.3448	.86664	5.1118	.22001	F 10.31	.05991	<.00000
Stddev	.0144	.0308	.00216	.0165	.00127	.06	.00199	.21263
%RSD	.25272	1.3159	.24931	.32298	.57786	.5440	3.3231	3.5252
#1	5.6997	2.3635	.86895	5.0997	.21933	10.25	.05787	-5.9383
#2	5.7257	2.3616	.86467	5.1306	.22148	10.36	.06001	-6.2752
#3	5.7236	2.3092	.86629	5.1050	.21922	10.31	.06185	-5.8819

Sample Name: K1518-09 Acquired: 2/19/2019 13:28:23 Type: Unk
 Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 8455.6
Stddev	21.1
%RSD	.24896

#1	8433.3
#2	8475.2
#3	8458.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3212.7	33658.	3861.1	12.332	2476.0
Stddev	6.6	160.	53.0	.879	5.7
%RSD	.20604	.47658	1.3726	7.1303	.22976

#1	3207.5	33496.	3831.8	12.706	2472.4
#2	3220.1	33816.	3829.1	11.327	2482.6
#3	3210.3	33662.	3922.2	12.962	2473.0

Sample Name: K1518-11 Acquired: 2/19/2019 13:32:54 Type: Unk
Method: P4-ICP2(v2878) 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	.13453	-.08380	2.2242	-.00073	-.03514	139.95	1.0092	.01023
Stddev	.00239	.00249	.0045	.00311	.00180	.68	.0050	.00016
%RSD	1.7740	2.9747	.20025	427.15	5.1309	.48816	.49166	1.5150
#1	.13727	-.08629	2.2252	.00229	-.03676	140.62	1.0148	.01006
#2	.13290	-.08380	2.2282	-.00055	-.03547	139.25	1.0054	.01029
#3	.13343	-.08131	2.2194	-.00392	-.03320	139.99	1.0074	.01035
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01933	143.70	.29668	.26787	.81000	274.91	9.6073	67.222
Stddev	.00022	.44	.00106	.00054	.00237	1.11	.0416	.093
%RSD	1.1472	.30345	.35735	.20308	.29261	.40516	.43319	.13831
#1	.01937	143.89	.29768	.26769	.81236	276.12	9.5953	67.247
#2	.01909	143.21	.29677	.26744	.81002	273.94	9.5730	67.301
#3	.01953	144.01	.29557	.26848	.80762	274.66	9.6536	67.120
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77945	-.01710	1.2902	.46374	2.1983	23.140	.01666	.09000
Stddev	.00129	.00040	.0198	.00078	.0082	.159	.00005	.00468
%RSD	.16533	2.3176	1.5368	.16899	.37330	.68560	.31707	5.1984
#1	.78038	-.01664	1.3077	.46459	2.1888	23.301	.01665	.09274
#2	.77999	-.01733	1.2686	.46305	2.2033	22.983	.01671	.09266
#3	.77798	-.01733	1.2943	.46359	2.2027	23.137	.01661	.08460
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4428	3.0494	.13667	4.6601	.36721	8.652	-.04944	<.00000
Stddev	.0165	.0300	.00091	.0054	.00247	.016	.00036	.11748
%RSD	.37144	.98279	.66946	.11531	.67189	.1865	.73679	4.4595
#1	4.4293	3.0680	.13637	4.6633	.36436	8.635	-.04979	-2.6220
#2	4.4380	3.0148	.13770	4.6631	.36877	8.667	-.04906	-2.5235
#3	4.4612	3.0653	.13594	4.6539	.36848	8.653	-.04948	-2.7575

Sample Name: K1518-11 Acquired: 2/19/2019 13:32:54 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4133.0
Stddev 9.4
%RSD .22702

#1 4143.9
#2 4127.6
#3 4127.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3288.4	34331.	3892.4	13.849	2585.7
Stddev	6.4	148.	15.0	1.273	10.9
%RSD	.19311	.43171	.38535	9.1890	.42285

#1	3292.1	34160.	3875.2	15.316	2597.2
#2	3281.1	34402.	3903.0	13.188	2575.5
#3	3292.0	34430.	3898.9	13.042	2584.3

Sample Name: K1518-13 Acquired: 2/19/2019 13:37:28 Type: Unk
Method: P4-ICP2(v2878) 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	.18993	-.09259	5.2055	-.01117	-.03068	140.03	1.5858	.01424
Stddev	.00393	.00052	.0128	.00464	.00147	.57	.0166	.00009
%RSD	2.0687	.55946	.24614	41.570	4.7853	.41029	1.0474	.64277
#1	.18740	-.09224	5.2010	-.00906	-.03054	140.21	1.5983	.01429
#2	.18793	-.09235	5.2199	-.00795	-.03221	139.38	1.5921	.01414
#3	.19446	-.09318	5.1955	-.01649	-.02929	140.49	1.5669	.01430
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02690	275.54	.49181	.22800	1.9153	296.21	6.4415	78.827
Stddev	.00023	1.10	.00272	.00107	.0158	2.61	.0216	.289
%RSD	.85265	.39999	.55269	.47111	.82494	.87983	.33506	.36659
#1	.02688	275.93	.49480	.22679	1.9213	296.88	6.4659	79.143
#2	.02668	276.39	.48949	.22836	1.8973	298.41	6.4249	78.764
#3	.02713	274.29	.49115	.22884	1.9271	293.33	6.4336	78.575
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93149	-.02040	2.1935	.48279	11.859	20.226	.04936	.18067
Stddev	.00142	.00073	.0161	.00058	.031	.152	.00021	.00618
%RSD	.15257	3.5829	.73208	.11963	.26493	.75096	.42948	3.4216
#1	.92986	-.02012	2.2106	.48226	11.858	20.355	.04931	.17819
#2	.93211	-.01985	2.1911	.48270	11.891	20.264	.04918	.17612
#3	.93249	-.02123	2.1788	.48340	11.828	20.058	.04959	.18771
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5923	3.6771	.66249	5.4628	.24597	F 10.54	.66575	<.00000
Stddev	.0608	.0281	.00156	.0098	.00258	.10	.00042	.14786
%RSD	.63380	.76454	.23501	.17865	1.0487	.9034	.06326	7.9357
#1	9.5488	3.6968	.66360	5.4538	.24858	10.49	.66586	-1.7318
#2	9.5664	3.6896	.66071	5.4732	.24590	10.65	.66610	-2.0233
#3	9.6618	3.6449	.66316	5.4616	.24342	10.48	.66528	-1.8346

Sample Name: K1518-13 Acquired: 2/19/2019 13:37:28 Type: Unk
 Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 4471.5
 Stddev 21.8
 %RSD .48728

#1 4491.4
 #2 4448.3
 #3 4475.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3129.0	32564.	3737.7	12.015	2496.5
Stddev	23.6	140.	30.7	.583	3.1
%RSD	.75521	.42908	.82141	4.8509	.12541

#1	3120.0	32409.	3714.7	12.039	2495.4
#2	3155.7	32681.	3725.9	12.585	2494.0
#3	3111.1	32601.	3772.6	11.420	2500.0

Sample Name: CCV02 Acquired: 2/19/2019 13:47:02 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3024	5.0878	5.1763	5.1945	5.2780	10.329	9.8223	.26188
Stddev	.0407	.0452	.0329	.0364	.0274	.142	.1115	.00046
%RSD	.76841	.88794	.63479	.70084	.51944	1.3765	1.1351	.17701
#1	5.3450	5.1321	5.2091	5.2365	5.3051	10.173	9.8508	.26182
#2	5.2638	5.0418	5.1434	5.1723	5.2503	10.452	9.6994	.26145
#3	5.2983	5.0896	5.1764	5.1747	5.2788	10.360	9.9168	.26237
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5634	25.333	1.0518	2.5837	1.2926	5.2117	2.6342	25.956
Stddev	.0198	.114	.0032	.0205	.0085	.0748	.0023	.113
%RSD	.77245	.45040	.30578	.79432	.65449	1.4351	.08780	.43707
#1	2.5850	25.201	1.0488	2.6054	1.3008	5.2491	2.6321	25.826
#2	2.5460	25.402	1.0515	2.5646	1.2839	5.1256	2.6339	26.006
#3	2.5593	25.396	1.0552	2.5810	1.2931	5.2604	2.6367	26.035
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5400	1.3561	24.089	2.6158	2.6002	25.835	5.2954	4.8884
Stddev	.0237	.0016	.206	.0020	.0217	.249	.0277	.0026
%RSD	.93224	.11701	.85557	.07796	.83647	.96496	.52276	.05344
#1	2.5668	1.3543	24.134	2.6145	2.6231	25.971	5.3252	4.8877
#2	2.5219	1.3568	23.864	2.6148	2.5799	25.547	5.2705	4.8913
#3	2.5313	1.3572	24.268	2.6182	2.5975	25.987	5.2904	4.8862
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0617	5.1999	5.0900	5.1913	4.9178	5.233	5.1389	5.4949
Stddev	.0224	.0460	.0379	.0115	.0469	.011	.0527	.0479
%RSD	.44208	.88494	.74528	.22057	.95380	.2111	1.0245	.87102
#1	5.0872	5.2312	5.1316	5.1797	4.9412	5.238	5.1477	5.5037
#2	5.0528	5.1470	5.0572	5.1917	4.8638	5.221	5.0824	5.5378
#3	5.0453	5.2214	5.0812	5.2026	4.9483	5.241	5.1866	5.4433

Sample Name: CCV02 Acquired: 2/19/2019 13:47:02 Type: Unk
 Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .93313
 Stddev 1.2982
 %RSD 139.12

#1 2.2108
 #2 -.38471
 #3 .97335

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2720.2	28101.	3081.6	12.112	2738.2
Stddev	15.5	29.	35.6	.225	20.3
%RSD	.56841	.10482	1.1541	1.8559	.73959

#1	2703.3	28108.	3053.3	11.904	2716.0
#2	2733.6	28068.	3121.5	12.081	2755.6
#3	2723.7	28126.	3069.8	12.350	2743.1

Sample Name: CCB02 Acquired: 2/19/2019 13:51:01 Type: Unk
Method: P4-ICP2(v2878) 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	-.00025	.00202	.00372	-.00005	.00028	.00172	-.00397	.00008
Stddev	.00088	.00092	.00093	.00344	.00195	.00229	.00148	.00004
%RSD	355.56	45.413	24.855	6732.2	699.41	133.14	37.157	47.555

#1	.00072	.00276	.00473	.00159	-.00170	.00328	-.00550	.00012
#2	-.00047	.00230	.00292	.00226	.00220	-.00091	-.00385	.00004
#3	-.00099	.00099	.00352	-.00400	.00034	.00279	-.00256	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00934	-.00006	-.00033	-.00057	.00251	.00004	-.04497
Stddev	.00007	.00686	.00047	.00026	.00035	.00158	.00007	.04741
%RSD	128.12	73.406	774.70	79.654	62.020	62.871	166.15	105.43

#1	-.00007	-.01065	.00013	-.00003	-.00065	.00373	.00009	.00416
#2	-.00012	-.00193	.00028	-.00049	-.00088	.00073	-.00004	-.04862
#3	.00002	-.01546	-.00060	-.00048	-.00019	.00307	.00008	-.09044

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00061	-.05164	.00011	.00184	.26365	.00016	.01922
Stddev	.00064	.00070	.00648	.00042	.00014	.03247	.00023	.01198
%RSD	483.42	115.41	12.542	375.23	7.6760	12.315	145.58	62.302

#1	-.00039	.00106	-.05911	-.00037	.00198	.29968	.00006	.03298
#2	.00059	.00096	-.04755	.00038	.00183	.25459	.00043	.01360
#3	-.00059	-.00020	-.04826	.00033	.00170	.23666	-.00001	.01110

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00259	.00679	.00104	.00161	-.00388	-.0012	-.00005	4.3149
Stddev	.00783	.00208	.00023	.00247	.00298	.0014	.00011	.0496
%RSD	302.39	30.646	21.622	153.31	76.899	118.0	206.53	1.1487

#1	-.00022	.00566	.00098	-.00091	-.00144	.0001	.00002	4.3705
#2	.00378	.00920	.00130	.00171	-.00721	-.0026	-.00000	4.2988
#3	-.01133	.00553	.00086	.00403	-.00299	-.0010	-.00018	4.2754

Sample Name: CCB02 Acquired: 2/19/2019 13:51:01 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.8481
%RSD 53.400

#1 -2.2982
#2 -5.5919
#3 -2.4924

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2843.0	29663.	3136.2	13.965	3083.9
Stddev	3.9	81.	25.6	.482	6.0
%RSD	.13760	.27423	.81519	3.4537	.19500

#1	2838.5	29661.	3109.4	14.293	3077.3
#2	2845.0	29583.	3138.9	14.191	3085.6
#3	2845.5	29746.	3160.3	13.411	3089.0

Sample Name: K1518-15 Acquired: 2/19/2019 13:55:28 Type: Unk
Method: P4-ICP2(v2878) 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	.21761	-.10117	6.8682	-.02083	-.03684	127.14	1.8661	.01633
Stddev	.00442	.00301	.0129	.00523	.00279	.39	.0132	.00022
%RSD	2.0326	2.9714	.18723	25.088	7.5719	.30410	.70677	1.3283
#1	.21641	-.10423	6.8813	-.02661	-.03533	126.85	1.8661	.01624
#2	.22251	-.10106	6.8555	-.01645	-.03512	127.58	1.8528	.01658
#3	.21391	-.09822	6.8678	-.01943	-.04005	127.00	1.8792	.01618
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02379	89.028	.42680	.45169	3.1208	419.97	5.4875	91.941
Stddev	.00050	.355	.00335	.00074	.0047	4.65	.0219	.512
%RSD	2.0990	.39845	.78507	.16441	.15090	1.1082	.39854	.55669
#1	.02407	88.882	.42601	.45194	3.1154	419.08	5.4745	91.669
#2	.02408	88.770	.43047	.45228	3.1240	415.83	5.5127	91.622
#3	.02321	89.433	.42390	.45086	3.1229	425.01	5.4752	92.531
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1596	-.03024	2.2415	.51946	28.180	20.801	.06794	.09468
Stddev	.0059	.00099	.0191	.00180	.078	.126	.00078	.00760
%RSD	.50997	3.2578	.85024	.34591	.27743	.60667	1.1512	8.0259
#1	1.1642	-.03041	2.2392	.52151	28.268	20.765	.06704	.09765
#2	1.1617	-.03112	2.2237	.51814	28.119	20.697	.06834	.08605
#3	1.1530	-.02918	2.2616	.51873	28.152	20.941	.06844	.10035
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2746	4.9740	1.5285	5.8577	.22289	8.769	-.11925	<.00000
Stddev	.0631	.0349	.0046	.0216	.00233	.007	.00313	.16116
%RSD	.86770	.70180	.30333	.36786	1.0446	.0850	2.6212	4.0209
#1	7.2491	4.9721	1.5329	5.8413	.22113	8.771	-.11957	-3.8224
#2	7.2282	4.9400	1.5237	5.8498	.22202	8.761	-.11598	-4.1113
#3	7.3465	5.0098	1.5290	5.8821	.22553	8.775	-.12221	-4.0905

Sample Name: K1518-15 Acquired: 2/19/2019 13:55:28 Type: Unk
 Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 7045.3
 Stddev 22.0
 %RSD .31235

#1 7043.5
 #2 7068.2
 #3 7024.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3070.8	32463.	3656.5	13.504	2476.2
Stddev	7.5	90.	31.6	1.323	8.4
%RSD	.24283	.27759	.86382	9.7940	.33990

#1	3075.9	32360.	3650.6	14.977	2469.8
#2	3074.4	32527.	3690.6	12.420	2485.7
#3	3062.3	32503.	3628.3	13.115	2473.0

Sample Name: K1518-17 Acquired: 2/19/2019 14:00:01 Type: Unk
Method: P4-ICP2(v2878) 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	.07010	-.05930	1.6794	.00468	-.03167	194.99	1.0172	.01054
Stddev	.00459	.00209	.0031	.00097	.00072	2.07	.0127	.00015
%RSD	6.5528	3.5202	.18640	20.816	2.2742	1.0611	1.2448	1.3902
#1	.07094	-.06050	1.6825	.00513	-.03101	192.62	1.0032	.01048
#2	.06514	-.06051	1.6795	.00356	-.03244	196.44	1.0205	.01044
#3	.07421	-.05689	1.6762	.00535	-.03156	195.92	1.0279	.01071
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00264	17.385	.28930	.22237	.53944	257.78	10.525	50.806
Stddev	.00018	.276	.00113	.00073	.00147	3.10	.030	.664
%RSD	6.7871	1.5874	.39170	.32723	.27321	1.2039	.28373	1.3074
#1	.00277	17.089	.28943	.22314	.53831	259.13	10.560	50.096
#2	.00272	17.429	.29036	.22170	.54111	254.23	10.507	50.911
#3	.00244	17.636	.28810	.22228	.53890	259.98	10.510	51.412
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98044	-.01240	1.4524	.46159	1.6456	11.642	.00682	.06974
Stddev	.00148	.00062	.0181	.00451	.0080	.087	.00031	.00657
%RSD	.15106	5.0010	1.2462	.97663	.48424	.75095	4.4981	9.4167
#1	.98165	-.01179	1.4351	.45872	1.6545	11.548	.00682	.06610
#2	.98088	-.01303	1.4509	.45927	1.6394	11.655	.00652	.06580
#3	.97879	-.01238	1.4712	.46679	1.6428	11.722	.00713	.07732
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1076	2.2514	.06211	3.5720	.17514	8.020	-.14881	<.00000
Stddev	.0199	.0364	.00061	.0106	.00159	.023	.00323	.21072
%RSD	.21800	1.6186	.97462	.29592	.90847	.2920	2.1688	8.8245
#1	9.1277	2.2404	.06258	3.5664	.17571	8.047	-.15086	-2.2513
#2	9.0880	2.2218	.06233	3.5654	.17334	8.006	-.14509	-2.2818
#3	9.1072	2.2921	.06143	3.5842	.17636	8.006	-.15047	-2.6306

Sample Name: K1518-17 Acquired: 2/19/2019 14:00:01 Type: Unk
 Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3796.8
Stddev	9.7
%RSD	.25537

#1	3785.6
#2	3802.3
#3	3802.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3349.8	34584.	3893.8	12.388	2642.8
Stddev	4.1	40.	24.0	.208	8.3
%RSD	.12105	.11527	.61605	1.6765	.31257

#1	3353.6	34544.	3885.4	12.214	2635.2
#2	3350.1	34585.	3920.9	12.333	2651.6
#3	3345.5	34624.	3875.1	12.618	2641.6

Sample Name: K1518-19 Acquired: 2/19/2019 14:04:37 Type: Unk
Method: P4-ICP2(v2878) 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	.02161	-.06265	.25610	.00582	-.03067	90.932	.51595	.00848
Stddev	.00186	.00157	.00066	.00218	.00115	.989	.00416	.00034
%RSD	8.5953	2.5090	.25778	37.347	3.7334	1.0876	.80644	3.9672
#1	.02351	-.06320	.25533	.00343	-.03189	89.790	.51886	.00868
#2	.01979	-.06387	.25649	.00637	-.02962	91.523	.51781	.00867
#3	.02152	-.06087	.25646	.00768	-.03050	91.483	.51119	.00809
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	36.208	.19065	.13514	.28277	231.73	8.0935	40.253
Stddev	.00040	.104	.00204	.00037	.00105	2.19	.0262	.176
%RSD	440.58	.28810	1.0708	.27557	.37047	.94578	.32431	.43766
#1	-.00015	36.171	.18909	.13546	.28213	233.97	8.0665	40.445
#2	-.00013	36.326	.18990	.13473	.28221	231.63	8.1189	40.218
#3	.00055	36.128	.19296	.13523	.28398	229.59	8.0952	40.098
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31141	-.00871	1.5919	.34469	.86328	15.430	.00155	.07462
Stddev	.00087	.00037	.0113	.00153	.00052	.119	.00045	.00561
%RSD	.28010	4.3069	.71155	.44311	.06044	.77115	28.932	7.5203
#1	.31234	-.00861	1.5807	.34475	.86376	15.515	.00107	.08037
#2	.31127	-.00839	1.6034	.34313	.86337	15.481	.00163	.06916
#3	.31061	-.00912	1.5916	.34618	.86272	15.294	.00196	.07432
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.838	3.2267	.04228	3.6827	.10182	7.033	-.10712	<.00000
Stddev	.062	.0318	.00095	.0238	.00342	.018	.00302	.25712
%RSD	.18310	.98405	2.2380	.64662	3.3580	.2542	2.8161	20.794
#1	33.768	3.2625	.04210	3.6615	.09788	7.036	-.11035	-1.2998
#2	33.886	3.2019	.04331	3.6781	.10407	7.014	-.10662	-.95364
#3	33.859	3.2157	.04145	3.7085	.10349	7.049	-.10438	-1.4561

Sample Name: K1518-19 Acquired: 2/19/2019 14:04:37 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3057.6
Stddev 12.8
%RSD .41954

#1 3043.6
#2 3068.8
#3 3060.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3235.9	33979.	3726.7	12.201	2691.7
Stddev	5.9	145.	39.7	.934	5.5
%RSD	.18284	.42623	1.0660	7.6571	.20279

#1	3232.7	34068.	3693.1	11.128	2687.4
#2	3232.3	33812.	3716.5	12.644	2689.9
#3	3242.8	34058.	3770.5	12.831	2697.8

Sample Name: K1518-21 Acquired: 2/19/2019 14:09:01 Type: Unk
Method: P4-ICP2(v2878) 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	.08758	-.05976	.75849	.01048	-.02396	135.08	.64182	.00858
Stddev	.00191	.00166	.00322	.00207	.00171	.69	.01071	.00023
%RSD	2.1806	2.7781	.42454	19.801	7.1536	.51074	1.6692	2.6628
#1	.08540	-.06099	.75498	.00814	-.02594	135.31	.64881	.00836
#2	.08892	-.05787	.76130	.01118	-.02286	134.31	.62949	.00881
#3	.08844	-.06041	.75918	.01211	-.02310	135.63	.64717	.00856
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	12.789	.24428	.20183	.32135	206.57	3.0299	47.822
Stddev	.00022	.132	.00052	.00073	.00136	1.64	.0003	.503
%RSD	65.366	1.0307	.21127	.36187	.42425	.79302	.01125	1.0513
#1	.00013	12.741	.24478	.20113	.32260	206.68	3.0303	47.674
#2	.00057	12.688	.24375	.20259	.32155	204.87	3.0296	47.410
#3	.00031	12.938	.24430	.20177	.31989	208.15	3.0298	48.382
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0112	-.00926	1.4990	.38559	1.5565	12.542	.00254	.08915
Stddev	.0016	.00018	.0049	.00200	.0073	.086	.00021	.00457
%RSD	.15884	1.9940	.32877	.51891	.46611	.68839	8.2938	5.1247
#1	1.0128	-.00908	1.5009	.38592	1.5482	12.561	.00244	.09242
#2	1.0110	-.00945	1.5028	.38344	1.5598	12.448	.00240	.08393
#3	1.0096	-.00926	1.4935	.38740	1.5615	12.618	.00279	.09109
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9082	8.1008	.03438	3.8666	.16602	6.893	-.09156	<.00000
Stddev	.0195	.0351	.00056	.0273	.00408	.011	.00184	.21854
%RSD	.28252	.43305	1.6345	.70568	2.4545	.1529	2.0120	22.472
#1	6.8857	8.0605	.03487	3.8423	.16689	6.899	-.09253	-.77396
#2	6.9186	8.1170	.03451	3.8613	.16158	6.881	-.08944	-.93685
#3	6.9202	8.1248	.03377	3.8961	.16959	6.899	-.09272	-1.2067

Sample Name: K1518-21 Acquired: 2/19/2019 14:09:01 Type: Unk
 Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2704.7
 Stddev 31.0
 %RSD 1.1452

#1 2689.7
 #2 2740.3
 #3 2684.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3305.7	34428.	3753.5	13.697	2722.6
Stddev	7.3	387.	40.5	.373	12.9
%RSD	.22083	1.1244	1.0798	2.7265	.47202

#1	3305.2	34003.	3721.9	14.013	2737.3
#2	3298.6	34760.	3799.2	13.793	2713.5
#3	3313.2	34522.	3739.3	13.285	2717.1

Sample Name: PB117164BS Acquired: 2/19/2019 14:17:51 Type: Unk
Method: P4-ICP2(v2878) 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	.86242	2.1445	1.0697	2.1494	.87498	2.0834	.21473	.21651
Stddev	.00154	.0037	.0005	.0041	.00535	.0484	.00511	.00021
%RSD	.17877	.17385	.04736	.18971	.61183	2.3240	2.3778	.09794
#1	.86077	2.1479	1.0696	2.1474	.88095	2.0389	.21665	.21628
#2	.86383	2.1453	1.0703	2.1468	.87339	2.1349	.20894	.21670
#3	.86266	2.1405	1.0693	2.1541	.87061	2.0763	.21860	.21654
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20171	1.0991	.43897	.21175	.34315	3.4807	.22412	2.1673
Stddev	.00074	.0175	.00187	.00041	.00030	.0583	.00047	.0174
%RSD	.36757	1.5913	.42653	.19596	.08820	1.6744	.20791	.80073
#1	.20201	1.1152	.43771	.21180	.34283	3.5288	.22402	2.1492
#2	.20225	1.0805	.43807	.21132	.34318	3.4159	.22372	2.1838
#3	.20086	1.1015	.44112	.21214	.34343	3.4974	.22463	2.1688
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51179	.08099	2.9668	.32268	.21193	10.745	.45080	.32387
Stddev	.00082	.00038	.0090	.00049	.00027	.056	.00169	.00983
%RSD	.16069	.47045	.30303	.15155	.12875	.52543	.37430	3.0343
#1	.51266	.08076	2.9565	.32312	.21225	10.800	.45140	.32899
#2	.51170	.08143	2.9730	.32216	.21175	10.687	.44890	.31254
#3	.51102	.08077	2.9709	.32277	.21181	10.747	.45212	.33008
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7989	1.0205	.73768	.22463	.21087	6.011	.21293	F 4.6198
Stddev	.0321	.0202	.00231	.00150	.00037	.014	.00081	.1126
%RSD	.32726	1.9815	.31381	.66884	.17730	.2323	.38129	2.4366
#1	9.8215	1.0438	.73975	.22297	.21088	6.026	.21200	4.4945
#2	9.7622	1.0087	.73809	.22589	.21124	6.009	.21332	4.6523
#3	9.8129	1.0089	.73518	.22502	.21049	5.999	.21347	4.7125

Sample Name: PB117164BS Acquired: 2/19/2019 14:17:51 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 58.154
Stddev 1.083
%RSD 1.8629

#1 59.313
#2 57.981
#3 57.167

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2815.3	29589.	3088.9	14.646	3034.3
Stddev	9.3	64.	51.8	.304	12.8
%RSD	.32954	.21544	1.6782	2.0741	.42060

#1	2805.1	29604.	3040.0	14.295	3022.8
#2	2817.4	29643.	3143.3	14.825	3032.1
#3	2823.3	29519.	3083.4	14.818	3048.1

Sample Name: K1514-01 Acquired: 2/19/2019 14:21:55 Type: Unk
Method: P4-ICP2(v2878) 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	.05610	-.00473	.06572	.00543	-.01705	161.38	.15480	.00157
Stddev	.00143	.00203	.00054	.00210	.00260	1.59	.00404	.00010
%RSD	2.5518	42.867	.81937	38.641	15.259	.98252	2.6091	6.6210
#1	.05639	-.00651	.06521	.00779	-.01487	159.74	.15892	.00165
#2	.05454	-.00515	.06567	.00471	-.01993	161.50	.15085	.00160
#3	.05736	-.00252	.06629	.00378	-.01635	162.91	.15464	.00145
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00516	.92040	.19846	.01023	.08918	148.58	.13635	1.4072
Stddev	.00016	.01660	.00056	.00005	.00121	.92	.00020	.0539
%RSD	3.0934	1.8037	.28330	.45560	1.3616	.61857	.14638	3.8307
#1	-.00507	.91330	.19819	.01020	.09014	149.64	.13629	1.4368
#2	-.00506	.93937	.19809	.01021	.08781	147.98	.13657	1.4397
#3	-.00534	.90853	.19911	.01028	.08957	148.13	.13618	1.3449
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07162	-.00250	-.01874	.37178	.06701	2.2285	.00886	.05164
Stddev	.00046	.00017	.00674	.00207	.00017	.0596	.00019	.00513
%RSD	.64651	6.8932	35.943	.55806	.25722	2.6729	2.1763	9.9307
#1	.07213	-.00232	-.02625	.37344	.06683	2.2189	.00881	.04573
#2	.07121	-.00253	-.01323	.37245	.06717	2.1744	.00907	.05486
#3	.07153	-.00266	-.01675	.36946	.06703	2.2923	.00869	.05433
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7599	1.8283	.01326	.47142	.02046	1.407	-.15282	1.3819
Stddev	.0286	.0127	.00112	.00575	.00363	.003	.00114	.1411
%RSD	1.6268	.69581	8.4662	1.2197	17.735	.2176	.74750	10.214
#1	1.7301	1.8420	.01241	.46829	.01931	1.404	-.15414	1.2856
#2	1.7625	1.8261	.01284	.46792	.01755	1.410	-.15221	1.3162
#3	1.7872	1.8168	.01453	.47806	.02453	1.408	-.15211	1.5439

Sample Name: K1514-01 Acquired: 2/19/2019 14:21:55 Type: Unk
 Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1678.9
 Stddev 6.7
 %RSD .39693

#1 1671.7
 #2 1680.2
 #3 1684.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3035.7	31715.	3492.0	15.411	2849.4
Stddev	10.0	143.	18.7	1.157	7.0
%RSD	.33051	.44986	.53615	7.5061	.24513

#1	3026.2	31818.	3470.5	16.257	2856.9
#2	3046.2	31774.	3504.4	14.093	2843.0
#3	3034.6	31552.	3501.1	15.884	2848.3

Sample Name: K1514-01DUP Acquired: 2/19/2019 14:26:19 Type: Unk
Method: P4-ICP2(v2878) 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	.05236	-.00325	.06760	.00315	-.01752	163.50	.14634	.00154
Stddev	.00314	.00082	.00139	.00443	.00116	.87	.00201	.00006
%RSD	5.9978	25.273	2.0616	140.90	6.6285	.53048	1.3724	4.0635
#1	.05434	-.00326	.06918	.00760	-.01885	164.50	.14784	.00161
#2	.04874	-.00407	.06654	-.00127	-.01672	163.02	.14406	.00153
#3	.05400	-.00243	.06709	.00311	-.01698	162.98	.14713	.00148
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00498	.90879	.20034	.01061	.08948	147.53	.13810	1.4295
Stddev	.00007	.01826	.00146	.00027	.00108	.31	.00029	.0777
%RSD	1.3769	2.0090	.73088	2.5171	1.2023	.21114	.20962	5.4353
#1	-.00504	.91664	.20054	.01084	.08889	147.89	.13842	1.5192
#2	-.00498	.92182	.19879	.01032	.08882	147.37	.13786	1.3851
#3	-.00491	.88792	.20170	.01067	.09072	147.34	.13802	1.3841
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07204	-.00293	-.02349	.37514	.06735	2.2287	.00869	.05328
Stddev	.00052	.00059	.00810	.00213	.00042	.0691	.00026	.00317
%RSD	.72582	20.022	34.490	.56813	.61726	3.0991	2.9961	5.9533
#1	.07194	-.00229	-.02774	.37704	.06693	2.2389	.00899	.05112
#2	.07261	-.00304	-.02858	.37284	.06736	2.1551	.00854	.05692
#3	.07158	-.00345	-.01415	.37554	.06777	2.2921	.00854	.05180
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7546	1.7984	.01304	.47331	.02155	1.419	-.15191	1.5760
Stddev	.0318	.0050	.00115	.00225	.00278	.001	.00038	.0911
%RSD	1.8138	.27836	8.8545	.47560	12.895	.0634	.25150	5.7826
#1	1.7186	1.7928	.01431	.47464	.02096	1.419	-.15235	1.6512
#2	1.7665	1.8000	.01206	.47071	.02458	1.420	-.15169	1.6022
#3	1.7788	1.8025	.01276	.47458	.01912	1.419	-.15169	1.4747

Sample Name: K1514-01DUP Acquired: 2/19/2019 14:26:19 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1676.6
Stddev 9.6
%RSD .57113

#1 1666.8
#2 1677.0
#3 1685.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3021.9	31575.	3509.9	13.750	2834.5
Stddev	13.8	167.	8.2	.227	5.4
%RSD	.45763	.53041	.23277	1.6540	.19004

#1	3037.2	31384.	3500.6	13.545	2833.6
#2	3018.0	31643.	3513.2	13.995	2829.7
#3	3010.4	31697.	3515.9	13.710	2840.3

Sample Name: K1514-01LX5 Acquired: 2/19/2019 14:30:44 Type: Unk
Method: P4-ICP2(v2878) 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	.01088	-.00031	.01398	.00054	-.00488	35.625	.03348	.00019
Stddev	.00183	.00041	.00032	.00127	.00039	.104	.00339	.00005
%RSD	16.851	129.59	2.3058	237.36	7.9589	.29303	10.140	25.727
#1	.01300	.00013	.01435	.00200	-.00533	35.644	.03710	.00021
#2	.00974	-.00067	.01379	-.00014	-.00459	35.512	.03298	.00013
#3	.00992	-.00041	.01379	-.00026	-.00473	35.718	.03036	.00023
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00177	.21816	.04406	.00184	.01934	35.962	.03077	.32158
Stddev	.00009	.01062	.00061	.00009	.00088	.039	.00034	.02392
%RSD	4.8552	4.8680	1.3805	4.8558	4.5654	.10896	1.0928	7.4387
#1	-.00168	.22252	.04458	.00194	.01840	35.931	.03106	.34920
#2	-.00176	.20605	.04420	.00177	.01947	35.949	.03084	.30759
#3	-.00185	.22590	.04339	.00182	.02015	36.006	.03040	.30794
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01390	.00016	-.09053	.08129	.01259	.73497	.00205	.02979
Stddev	.00025	.00012	.00781	.00011	.00009	.03891	.00012	.00732
%RSD	1.8042	78.799	8.6287	.13916	.69995	5.2937	5.6178	24.567
#1	.01410	.00015	-.08153	.08142	.01269	.76591	.00196	.03763
#2	.01362	.00029	-.09553	.08120	.01254	.69129	.00218	.02313
#3	.01399	.00004	-.09453	.08126	.01253	.74772	.00200	.02862
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34427	.42113	.00283	.10331	.00012	.2807	-.03730	3.9437
Stddev	.02513	.00552	.00006	.00078	.00323	.0009	.00005	.0478
%RSD	7.3001	1.3117	2.0375	.75282	2789.9	.3362	.13710	1.2129
#1	.32065	.41875	.00290	.10420	-.00359	.2808	-.03724	3.9137
#2	.34148	.42745	.00280	.10295	.00157	.2797	-.03731	3.9186
#3	.37069	.41720	.00280	.10277	.00237	.2815	-.03735	3.9989

Sample Name: K1514-01LX5 Acquired: 2/19/2019 14:30:44 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 335.14
Stddev 4.22
%RSD 1.2588

#1 331.64
#2 333.94
#3 339.82

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2850.1	29809.	3205.4	13.969	2986.7
Stddev	5.6	143.	4.7	.923	2.3
%RSD	.19620	.48094	.14721	6.6041	.07772

#1	2851.8	29644.	3199.9	13.182	2989.3
#2	2843.9	29891.	3208.1	14.984	2986.0
#3	2854.7	29893.	3208.1	13.741	2984.8

Sample Name: K1514-01MS Acquired: 2/19/2019 14:49:20 Type: Unk
Method: P4-ICP2(v2878) 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	.74138	1.8122	.98880	1.6737	.68094	161.41	.31423	.17302
Stddev	.00639	.0143	.00770	.0019	.00447	.90	.00303	.00049
%RSD	.86186	.78923	.77829	.11185	.65579	.55449	.96406	.28238
#1	.73947	1.8051	.98328	1.6746	.67803	160.46	.31512	.17343
#2	.73617	1.8286	.99759	1.6748	.67870	161.53	.31086	.17315
#3	.74851	1.8028	.98552	1.6715	.68608	162.24	.31672	.17248
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17266	1.7621	.53319	.19645	.34268	149.44	.30499	3.1291
Stddev	.00138	.0287	.00093	.00122	.00108	2.24	.00035	.0427
%RSD	.79642	1.6294	.17406	.62128	.31623	1.5013	.11601	1.3659
#1	.17181	1.7557	.53381	.19550	.34162	151.30	.30532	3.1773
#2	.17425	1.7371	.53363	.19783	.34379	146.95	.30462	3.1137
#3	.17192	1.7934	.53212	.19603	.34263	150.06	.30505	3.0961
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51428	.06137	2.3325	.62062	.25444	10.429	.37101	.30266
Stddev	.00301	.00048	.0200	.00040	.00218	.112	.00032	.00924
%RSD	.58609	.77864	.85583	.06470	.85739	1.0762	.08492	3.0524
#1	.51265	.06092	2.3442	.62035	.25250	10.444	.37067	.30446
#2	.51776	.06132	2.3095	.62108	.25680	10.310	.37129	.31086
#3	.51244	.06187	2.3439	.62044	.25403	10.534	.37106	.29265
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8178	3.4793	.65854	.66143	.19277	6.798	.01255	1.8510
Stddev	.0148	.0318	.00370	.00591	.00064	.038	.00169	.1970
%RSD	.15056	.91309	.56198	.89284	.33241	.5628	13.473	10.645
#1	9.8062	3.5106	.65533	.66116	.19298	6.771	.01098	2.0497
#2	9.8345	3.4471	.66259	.65566	.19328	6.842	.01434	1.6556
#3	9.8128	3.4802	.65770	.66747	.19205	6.783	.01234	1.8476

Sample Name: K1514-01MS Acquired: 2/19/2019 14:49:20 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1693.2
Stddev 11.3
%RSD .66756

#1 1680.3
#2 1698.5
#3 1701.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2961.5	31281.	3424.2	12.983	2787.3
Stddev	.3	52.	53.2	.603	15.3
%RSD	.00941	.16657	1.5544	4.6445	.55039

#1	2961.2	31223.	3376.2	12.636	2794.5
#2	2961.7	31297.	3481.5	13.679	2769.7
#3	2961.6	31323.	3414.9	12.634	2797.7

Sample Name: PB117164BL Acquired: 2/19/2019 14:53:31 Type: Unk
Method: P4-ICP2(v2878) 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	-.00030	.00096	.00260	-.00090	-.00154	-.00391	-.00646
Stddev	.00183	.00135	.00065	.00373	.00016	.00551	.00757
%RSD	601.36	141.01	25.065	413.50	10.180	141.08	117.23

#1	-.00178	-.00021	.00316	.00119	-.00146	-.00484	-.00022
#2	.00174	.00064	.00275	.00131	-.00144	-.00890	-.01489
#3	-.00087	.00244	.00189	-.00521	-.00172	.00201	-.00427

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00003	.02035	.00027	-.00017	-.00035	.00681
Stddev	.00002	.00007	.01664	.00041	.00012	.00038	.00084
%RSD	107.54	291.01	81.753	154.79	72.842	108.33	12.327

#1	.00000	-.00009	.00312	-.00001	-.00028	-.00070	.00584
#2	.00002	-.00005	.02161	.00074	-.00019	.00005	.00722
#3	.00005	.00006	.03633	.00007	-.00004	-.00041	.00737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00980	-.00024	.00129	-.12498	.00012	.00119
Stddev	.00007	.05293	.00033	.00021	.00674	.00027	.00008
%RSD	350.83	539.98	137.53	16.046	5.3964	229.06	6.8732

#1	-.00006	.02847	-.00056	.00153	-.11958	-.00011	.00126
#2	.00005	-.04993	.00010	.00118	-.13254	.00005	.00121
#3	.00007	.05087	-.00027	.00117	-.12282	.00041	.00110

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24460	.00024	.00854	F .00521	.00436	.00090	-.00022
Stddev	.04239	.00040	.00181	.01423	.00270	.00086	.00125
%RSD	17.332	167.23	21.232	273.31	61.944	95.306	565.18

#1	.20136	.00032	.00969	-.01036	.00129	-.00004	.00090
#2	.24633	.00059	.00949	.00844	.00635	.00110	.00000
#3	.28609	-.00020	.00645	.01754	.00544	.00164	-.00156

Sample Name: PB117164BL Acquired: 2/19/2019 14:53:31 Type: Unk
 Method: P4-ICP2(v2878) 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	-0.00641	-0.0018	.00002	F 4.5552	F<.00000
Stddev	.00255	.0007	.00007	.1602	3.6463
%RSD	39.802	39.83	381.10	3.5159	97.836

#1	-0.00934	-0.0012	-0.00004	4.7085	-7.9369
#2	-0.00470	-0.0016	-0.00000	4.3890	-1.5623
#3	-0.00519	-0.0026	.00009	4.5682	-1.6818

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2764.2	29266.	3081.0	12.902	3026.6
Stddev	12.1	133.	3.2	.574	13.2
%RSD	.43607	.45387	.10464	4.4501	.43757

#1	2764.1	29134.	3084.8	12.286	3025.6
#2	2752.2	29399.	3079.2	12.998	3013.9
#3	2776.3	29265.	3079.2	13.423	3040.4

Sample Name: CCV03 Acquired: 2/19/2019 15:07:57 Type: Unk
Method: P4-ICP2(v2878) 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	F 5.3857	5.0061	5.1533	5.1944	F 5.3495	10.032	9.7160
Stddev	.0239	.0237	.0110	.0198	.0187	.105	.0716
%RSD	.44407	.47378	.21273	.38161	.34875	1.0421	.73651

#1	5.3698	4.9787	5.1406	5.1716	5.3391	10.005	9.6727
#2	5.4132	5.0209	5.1602	5.2066	5.3710	9.9433	9.7986
#3	5.3741	5.0186	5.1590	5.2052	5.3384	10.147	9.6767

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25731	2.4946	24.726	1.0133	2.5617	1.2835	5.1141
Stddev	.00140	.0068	.186	.0030	.0076	.0037	.0680
%RSD	.54390	.27206	.75175	.29697	.29823	.28658	1.3288

#1	.25878	2.4869	24.511	1.0112	2.5529	1.2792	5.0825
#2	.25599	2.4973	24.833	1.0167	2.5666	1.2852	5.1921
#3	.25718	2.4996	24.832	1.0119	2.5655	1.2859	5.0676

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5772	25.581	2.4558	F 1.3398	F 22.879	2.5516	2.6139
Stddev	.0034	.283	.0065	.0035	.125	.0042	.0080
%RSD	.13298	1.1080	.26506	.26343	.54489	.16281	.30751

#1	2.5773	25.274	2.4483	1.3391	22.865	2.5555	2.6047
#2	2.5738	25.832	2.4596	1.3436	23.010	2.5472	2.6178
#3	2.5806	25.637	2.4596	1.3367	22.762	2.5520	2.6192

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.731	F 5.3566	F 4.7040	4.9723	5.1575	5.0425	5.1086
Stddev	.289	.0205	.0268	.0236	.0599	.0100	.0289
%RSD	1.1680	.38361	.57034	.47433	1.1615	.19898	.56624

#1	24.616	5.3399	4.6791	4.9471	5.1567	5.0328	5.0838
#2	25.060	5.3796	4.7324	4.9939	5.2178	5.0528	5.1404
#3	24.518	5.3505	4.7004	4.9759	5.0980	5.0418	5.1016

Sample Name: CCV03 Acquired: 2/19/2019 15:07:57 Type: Unk
 Method: P4-ICP2(v2878) 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	4.8525	F 5.258	5.0805	F 5.8784	F<.00000
Stddev	.0332	.012	.0447	.0752	3.2069
%RSD	.68446	.2233	.87931	1.2795	5416.4
#1	4.8434	5.251	5.0592	5.9269	.15795
#2	4.8893	5.272	5.1319	5.9166	3.0336
#3	4.8247	5.252	5.0505	5.7918	-3.3692
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2606.1	27748.	3036.1	11.204	2665.2
Stddev	8.8	39.	29.2	1.157	5.5
%RSD	.33679	.14118	.96189	10.328	.20643
#1	2607.6	27755.	3038.7	12.457	2668.7
#2	2596.7	27783.	3005.6	10.978	2658.8
#3	2614.1	27705.	3063.9	10.176	2668.0

Sample Name: CCB03 Acquired: 2/19/2019 15:11:56 Type: Unk
Method: P4-ICP2(v2878) 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	.00034	.00286	.00229	.00050	-.00124	-.00875	-.00172
Stddev	.00311	.00186	.00104	.00323	.00139	.00400	.00605
%RSD	921.77	65.078	45.507	646.93	112.53	45.744	352.75

#1	-.00316	.00072	.00200	.00397	-.00075	-.01001	.00527
#2	.00136	.00413	.00345	-.00007	-.00016	-.00427	-.00516
#3	.00281	.00371	.00143	-.00241	-.00281	-.01197	-.00526

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00007	.02343	.00013	-.00021	-.00060	.00264
Stddev	.00005	.00001	.00282	.00011	.00025	.00032	.00168
%RSD	1337.4	13.577	12.044	83.600	119.23	53.554	63.665

#1	.00005	-.00007	.02081	.00021	-.00012	-.00073	.00096
#2	-.00003	-.00009	.02305	.00001	-.00001	-.00023	.00263
#3	-.00003	-.00007	.02642	.00016	-.00050	-.00084	.00432

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.05120	-.00032	.00039	-.12132	-.00036	.00090
Stddev	.00004	.03832	.00030	.00058	.00387	.00023	.00007
%RSD	129.26	74.844	91.933	147.30	3.1904	64.711	8.2397

#1	-.00001	-.03715	-.00001	-.00010	-.11786	-.00023	.00083
#2	-.00008	-.09457	-.00061	.00103	-.12550	-.00062	.00089
#3	-.00000	-.02189	-.00035	.00025	-.12061	-.00022	.00098

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23257	-.00014	.02071	-.00620	.00799	.00103	.00085
Stddev	.04483	.00019	.01314	.01987	.00167	.00078	.00202
%RSD	19.275	129.21	63.432	320.32	20.869	75.455	237.10

#1	.27961	-.00028	.02260	-.01959	.00668	.00142	.00316
#2	.22774	-.00022	.00673	.01663	.00743	.00155	-.00000
#3	.19035	.00007	.03281	-.01565	.00987	.00014	-.00060

Sample Name: CCB03 Acquired: 2/19/2019 15:11:56 Type: Unk
 Method: P4-ICP2(v2878) 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	-.00541	-.0028	-.00002	F 4.5225	F<.00000
Stddev	.00141	.0015	.00014	.1033	2.2427
%RSD	26.065	52.02	644.35	2.2842	44.083
#1	-.00462	-.0042	.00007	4.6185	-4.5890
#2	-.00456	-.0013	.00005	4.5358	-7.5374
#3	-.00703	-.0031	-.00019	4.4132	-3.1359
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2738.3	29376.	3072.1	13.811	3028.5
Stddev	1.4	60.	14.6	1.477	5.3
%RSD	.05173	.20486	.47537	10.693	.17452
#1	2737.1	29307.	3068.4	13.593	3027.7
#2	2739.8	29399.	3088.2	15.384	3034.1
#3	2738.0	29420.	3059.8	12.455	3023.6

Sample Name: K1514-01MSD Acquired: 2/19/2019 15:16:24 Type: Unk
Method: P4-ICP2(v2878) 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	.74628	1.8005	.99201	1.6833	.68521	162.94	.31738	.17443
Stddev	.00587	.0062	.00094	.0024	.00363	.26	.00214	.00027
%RSD	.78615	.34325	.09441	.14525	.53032	.16237	.67524	.15585
#1	.75169	1.8074	.99158	1.6860	.68939	163.02	.31715	.17428
#2	.74712	1.7988	.99308	1.6813	.68285	162.64	.31963	.17474
#3	.74004	1.7954	.99136	1.6824	.68338	163.15	.31536	.17426
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17218	1.7940	.53553	.19704	.34279	149.36	.30716	3.1081
Stddev	.00048	.0188	.00202	.00088	.00228	.63	.00066	.0322
%RSD	.28013	1.0488	.37713	.44546	.66380	.42077	.21623	1.0355
#1	.17272	1.7753	.53767	.19778	.34329	149.71	.30669	3.1269
#2	.17200	1.8129	.53527	.19727	.34478	149.74	.30792	3.0709
#3	.17180	1.7939	.53365	.19607	.34031	148.64	.30687	3.1264
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51098	.06276	2.2932	.62401	.25601	10.403	.37549	.28544
Stddev	.00041	.00041	.0186	.00214	.00047	.074	.00210	.00690
%RSD	.08040	.65986	.81177	.34275	.18471	.71241	.55983	2.4174
#1	.51140	.06247	2.2809	.62591	.25655	10.383	.37722	.29338
#2	.51098	.06324	2.2841	.62442	.25570	10.340	.37609	.28204
#3	.51057	.06258	2.3147	.62170	.25577	10.485	.37315	.28090
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8327	3.4695	.65996	.66465	.19406	6.852	.01374	2.1831
Stddev	.0514	.0165	.00077	.00048	.00089	.029	.00167	.1680
%RSD	.52271	.47520	.11702	.07175	.45649	.4178	12.148	7.6948
#1	9.8828	3.4571	.66086	.66490	.19315	6.885	.01208	2.3152
#2	9.8352	3.4882	.65952	.66410	.19491	6.841	.01372	2.2401
#3	9.7801	3.4632	.65952	.66495	.19412	6.831	.01542	1.9940

Sample Name: K1514-01MSD Acquired: 2/19/2019 15:16:24 Type: Unk
 Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1739.7
 Stddev 6.7
 %RSD .38232

#1 1736.1
 #2 1735.7
 #3 1747.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2935.2	30958.	3430.2	13.795	2782.4
Stddev	19.3	117.	14.8	.716	7.3
%RSD	.65913	.37928	.43052	5.1902	.26169

#1	2922.3	30824.	3419.1	14.253	2777.3
#2	2925.9	31009.	3424.6	12.970	2779.1
#3	2957.5	31041.	3447.0	14.162	2790.7

Sample Name: K1514-01A Acquired: 2/19/2019 15:20:36 Type: Unk
Method: P4-ICP2(v2878) 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	.85789	2.1779	1.1927	1.9270	.18402	211.17	.35713	.20790
Stddev	.01178	.0195	.0128	.0303	.00481	1.07	.00656	.00056
%RSD	1.3729	.89426	1.0715	1.5708	2.6161	.50500	1.8366	.26792
#1	.84895	2.1607	1.1836	1.8988	.17964	209.99	.34973	.20811
#2	.87124	2.1990	1.2073	1.9590	.18918	212.07	.35941	.20831
#3	.85349	2.1740	1.1870	1.9233	.18326	211.45	.36224	.20726
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20931	2.0971	.63049	.23884	.40521	153.21	.35833	3.5778
Stddev	.00247	.0316	.00268	.00146	.00562	1.07	.00064	.0694
%RSD	1.1784	1.5093	.42550	.60948	1.3873	.69915	.17803	1.9397
#1	.20776	2.0639	.63065	.23813	.40275	152.70	.35763	3.6544
#2	.21216	2.1269	.63308	.24051	.41165	152.49	.35888	3.5192
#3	.20802	2.1003	.62773	.23788	.40125	154.44	.35848	3.5596
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62542	.07529	2.7595	.69524	.30350	11.645	.40291	.25793
Stddev	.00642	.00063	.0045	.00149	.00381	.098	.00589	.01532
%RSD	1.0264	.83109	.16437	.21420	1.2540	.84092	1.4628	5.9406
#1	.62189	.07471	2.7566	.69504	.30121	11.726	.39838	.24045
#2	.63283	.07596	2.7571	.69682	.30789	11.536	.40957	.26425
#3	.62154	.07521	2.7647	.69386	.30140	11.673	.40079	.26907
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.616	2.3819	.70162	.62259	.23708	8.159	.04534	2.2088
Stddev	.126	.0336	.00837	.00509	.00368	.088	.00106	.1215
%RSD	1.1825	1.4114	1.1930	.81769	1.5506	1.084	2.3356	5.4993
#1	10.512	2.4050	.69516	.61963	.23284	8.094	.04439	2.0686
#2	10.756	2.3433	.71107	.61967	.23937	8.260	.04648	2.2753
#3	10.582	2.3973	.69862	.62847	.23903	8.125	.04514	2.2825

Sample Name: K1514-01A Acquired: 2/19/2019 15:20:36 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1805.1
Stddev 21.4
%RSD 1.1832

#1 1829.2
#2 1788.5
#3 1797.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2915.3	30769.	3419.6	13.009	2730.0
Stddev	30.0	46.	21.6	1.249	19.8
%RSD	1.0305	.14953	.63106	9.6036	.72689

#1	2939.5	30744.	3430.7	11.678	2743.5
#2	2881.7	30742.	3433.2	13.190	2707.2
#3	2924.8	30822.	3394.7	14.157	2739.1

Sample Name: K1518-05DLX10 Acquired: 2/19/2019 15:24:50 Type: Unk
Method: P4-ICP2(v2878) 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	.01628	.00016	2.9932	.00627	.00051	15.755	.53479	-.00004
Stddev	.00267	.00018	.0067	.00314	.00132	.226	.01727	.00018
%RSD	16.384	113.46	.22370	50.126	258.61	1.4372	3.2289	410.53
#1	.01443	-.00005	2.9861	.00274	-.00027	15.493	.51489	.00010
#2	.01934	.00026	2.9939	.00877	-.00023	15.875	.54585	.00002
#3	.01508	.00026	2.9995	.00730	.00204	15.895	.54363	-.00025
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00210	7.0796	.03906	.01979	.62827	140.65	1.1264	4.1808
Stddev	.00031	.1903	.00089	.00028	.00328	2.44	.0034	.0405
%RSD	14.556	2.6873	2.2901	1.4117	.52156	1.7347	.29952	.96845
#1	-.00182	6.8605	.04003	.01971	.63049	137.91	1.1241	4.1358
#2	-.00243	7.2032	.03887	.02010	.62451	142.57	1.1302	4.1923
#3	-.00206	7.1751	.03827	.01956	.62982	141.48	1.1247	4.2143
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04696	.00051	.06015	.05254	1.4160	1.4525	.00211	.05598
Stddev	.00045	.00022	.00843	.00039	.0015	.0531	.00046	.00568
%RSD	.96410	44.369	14.020	.74633	.10825	3.6555	21.622	10.154
#1	.04748	.00033	.06975	.05228	1.4174	1.5025	.00264	.06048
#2	.04666	.00076	.05674	.05235	1.4144	1.4583	.00185	.05787
#3	.04675	.00043	.05395	.05299	1.4162	1.3967	.00184	.04959
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0587	.31908	.49337	.23014	.01207	1.955	-.10277	3.2507
Stddev	.0233	.00515	.00085	.00776	.00104	.004	.00178	.1344
%RSD	2.1957	1.6127	.17189	3.3732	8.5792	.1783	1.7365	4.1359
#1	1.0748	.31334	.49389	.22141	.01232	1.958	-.10076	3.0983
#2	1.0692	.32329	.49239	.23274	.01094	1.954	-.10417	3.3010
#3	1.0320	.32059	.49382	.23626	.01296	1.951	-.10339	3.3527

Sample Name: K1518-05DLX10 Acquired: 2/19/2019 15:24:50 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1423.9
Stddev 4.5
%RSD .31500

#1 1428.3
#2 1419.3
#3 1424.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2743.3	29166.	3173.2	14.601	2854.7
Stddev	1.5	21.	42.5	.258	.7
%RSD	.05432	.07195	1.3383	1.7667	.02502

#1	2742.7	29167.	3219.3	14.884	2855.5
#2	2745.0	29145.	3135.6	14.539	2854.2
#3	2742.2	29187.	3164.6	14.380	2854.3

Sample Name: K1518-07DLX10 Acquired: 2/19/2019 15:29:07 Type: Unk
Method: P4-ICP2(v2878) 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	.00972	-.00435	3.2755	-.00133	-.00520	14.611	.24012	.00075
Stddev	.00193	.00030	.0124	.00080	.00010	.299	.00169	.00012
%RSD	19.845	6.7923	.37754	60.126	1.8395	2.0498	.70526	16.152
#1	.01136	-.00453	3.2614	-.00045	-.00514	14.310	.23817	.00073
#2	.01019	-.00451	3.2844	-.00153	-.00531	14.909	.24124	.00064
#3	.00760	-.00401	3.2807	-.00201	-.00515	14.614	.24096	.00088
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	4.6391	.02805	.01584	.07518	34.135	.60245	6.5281
Stddev	.00010	.0333	.00025	.00008	.00065	.427	.00110	.0872
%RSD	18.916	.71689	.89594	.47690	.86522	1.2519	.18243	1.3363
#1	-.00061	4.6442	.02796	.01575	.07469	34.506	.60310	6.4891
#2	-.00042	4.6035	.02787	.01588	.07592	33.668	.60308	6.4672
#3	-.00056	4.6694	.02834	.01589	.07494	34.232	.60118	6.6280
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04704	.00058	-.01032	.04462	.21447	2.1546	.00144	.03145
Stddev	.00011	.00046	.01227	.00049	.00036	.0342	.00028	.01335
%RSD	.22853	79.269	118.91	1.0970	.16804	1.5891	19.441	42.452
#1	.04702	.00012	-.00435	.04408	.21418	2.1725	.00113	.03433
#2	.04694	.00104	-.02443	.04503	.21487	2.1762	.00166	.04313
#3	.04715	.00059	-.00218	.04474	.21436	2.1151	.00153	.01689
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0731	.37669	.01648	.47010	.01375	.8144	-.01199	4.1325
Stddev	.0100	.00235	.00019	.00148	.00248	.0021	.00054	.1796
%RSD	.92849	.62345	1.1477	.31505	18.072	.2566	4.4846	4.3469
#1	1.0625	.37934	.01646	.47119	.01101	.8167	-.01258	4.1603
#2	1.0745	.37487	.01668	.46842	.01437	.8126	-.01152	4.2966
#3	1.0822	.37585	.01630	.47070	.01587	.8139	-.01187	3.9406

Sample Name: K1518-07DLX10 Acquired: 2/19/2019 15:29:07 Type: Unk
 Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 324.62
Stddev	.90
%RSD	.27766

#1	324.87
#2	325.37
#3	323.62

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2780.0	29573.	3182.8	12.242	2921.2
Stddev	9.6	106.	42.1	.542	10.8
%RSD	.34615	.35768	1.3232	4.4282	.37038

#1	2789.3	29494.	3144.5	11.795	2929.9
#2	2770.1	29532.	3227.9	12.845	2909.1
#3	2780.6	29693.	3176.1	12.086	2924.7

Sample Name: K1518-19DLX10 Acquired: 2/19/2019 15:33:27 Type: Unk
Method: P4-ICP2(v2878) 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	.00274	-.00521	.02545	.00186	-.00665	11.379	.06637	.00088
Stddev	.00106	.00070	.00024	.00244	.00096	.053	.00137	.00008
%RSD	38.512	13.412	.95337	131.23	14.375	.46475	2.0567	8.7334
#1	.00223	-.00569	.02557	.00291	-.00732	11.354	.06582	.00086
#2	.00204	-.00554	.02518	-.00093	-.00706	11.439	.06537	.00081
#3	.00396	-.00441	.02561	.00361	-.00555	11.342	.06793	.00096
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00131	4.6831	.02388	.01381	.03578	34.204	1.0610	5.1926
Stddev	.00008	.0432	.00030	.00014	.00083	.329	.0018	.0937
%RSD	6.2007	.92165	1.2767	1.0159	2.3180	.96217	.17354	1.8043
#1	-.00131	4.6339	.02393	.01380	.03634	33.938	1.0605	5.1243
#2	-.00140	4.7009	.02415	.01367	.03616	34.101	1.0631	5.1541
#3	-.00123	4.7145	.02355	.01395	.03482	34.572	1.0596	5.2994
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03088	.00054	.06755	.04313	.09132	2.1679	-.00035	.02215
Stddev	.00001	.00029	.01307	.00095	.00028	.0498	.00029	.00532
%RSD	.02596	52.775	19.354	2.2044	.31192	2.2993	81.365	24.044
#1	.03087	.00084	.08026	.04263	.09105	2.1341	-.00068	.02653
#2	.03089	.00028	.05414	.04253	.09162	2.1444	-.00017	.01622
#3	.03088	.00050	.06824	.04422	.09130	2.2252	-.00021	.02369
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3480	.40252	.00550	.46528	.00680	.7215	-.01881	4.4220
Stddev	.0155	.00237	.00052	.00280	.00256	.0008	.00024	.0856
%RSD	.46283	.58911	9.3891	.60103	37.605	.1124	1.2852	1.9367
#1	3.3309	.40006	.00498	.46213	.00420	.7224	-.01870	4.3798
#2	3.3611	.40269	.00601	.46622	.00688	.7211	-.01863	4.5205
#3	3.3520	.40480	.00549	.46748	.00931	.7209	-.01908	4.3656

Sample Name: K1518-19DLX10 Acquired: 2/19/2019 15:33:27 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 325.08
Stddev 2.05
%RSD .63028

#1 327.41
#2 324.27
#3 323.56

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2774.1	29539.	3205.9	12.617	2933.2
Stddev	13.9	68.	37.0	.190	5.8
%RSD	.50152	.22889	1.1539	1.5055	.19940

#1	2769.9	29478.	3233.7	12.480	2929.3
#2	2762.8	29527.	3220.1	12.834	2930.4
#3	2789.7	29612.	3163.9	12.539	2940.0

Sample Name: PB117206BL Acquired: 2/19/2019 15:37:50 Type: Unk
Method: P4-ICP2(v2878) 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	-.00041	.00069	.00224	-.00107	-.00231	-.00753	.00294
Stddev	.00103	.00129	.00039	.00227	.00131	.01740	.00557
%RSD	250.98	186.84	17.287	212.85	56.684	231.00	189.42

#1	-.00144	.00016	.00204	-.00243	-.00293	.00931	.00195
#2	.00061	-.00025	.00199	-.00232	-.00320	-.00646	.00893
#3	-.00040	.00216	.00268	.00155	-.00081	-.02545	-.00207

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00008	.02347	.00008	-.00009	-.00056	.00066
Stddev	.00004	.00002	.01261	.00067	.00016	.00035	.00157
%RSD	554.24	28.887	53.729	824.98	188.99	62.612	236.58

#1	.00006	-.00010	.02235	.00083	-.00003	-.00040	-.00114
#2	-.00001	-.00008	.01145	-.00016	-.00027	-.00032	.00151
#3	-.00002	-.00005	.03660	-.00043	.00004	-.00096	.00163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.04903	-.00075	.00070	-.15457	.00011	.00077
Stddev	.00007	.06348	.00005	.00044	.02511	.00060	.00003
%RSD	132.03	129.48	6.7098	63.309	16.245	565.19	4.2030

#1	-.00007	-.10766	-.00073	.00092	-.17748	.00068	.00081
#2	.00002	-.05780	-.00071	.00019	-.12772	.00014	.00076
#3	-.00011	.01838	-.00081	.00098	-.15851	-.00051	.00075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17762	-.00008	.00913	-.00255	.00558	.00099	-.00038
Stddev	.06638	.00008	.00186	.00687	.00273	.00019	.00062
%RSD	37.372	99.730	20.342	269.27	48.893	18.859	163.88

#1	.20854	.00001	.00702	-.00148	.00452	.00092	-.00088
#2	.10142	-.00015	.01052	-.00989	.00868	.00086	-.00057
#3	.22291	-.00011	.00987	.00372	.00354	.00121	.00031

Sample Name: PB117206BL Acquired: 2/19/2019 15:37:50 Type: Unk
 Method: P4-ICP2(v2878) 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	-0.00616	-0.0010	-0.00015	F 4.6731	F<.00000
Stddev	.00185	.0006	.00004	.1015	4.5397
%RSD	29.958	61.43	23.065	2.1729	12049.
#1	-0.00510	-0.0017	-0.00011	4.7903	1.4467
#2	-0.00509	-0.0005	-0.00016	4.6167	3.5740
#3	-0.00829	-0.0007	-0.00018	4.6122	-5.1337
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2718.3	29143.	3044.5	12.843	3005.4
Stddev	15.0	117.	66.4	.911	14.6
%RSD	.55204	.40297	2.1803	7.0967	.48640
#1	2712.1	29008.	3070.8	12.857	2994.9
#2	2707.4	29197.	2969.0	13.748	2999.2
#3	2735.4	29224.	3093.7	11.925	3022.1

Sample Name: PB117206BS Acquired: 2/19/2019 15:42:16 Type: Unk
Method: P4-ICP2(v2878) 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	.89873	2.1384	1.0809	2.1646	.92781	2.1483	.21274	.21386
Stddev	.00379	.0032	.0034	.0055	.00015	.0166	.00312	.00009
%RSD	.42147	.14978	.31792	.25203	.01577	.77196	1.4644	.03985
#1	.89440	2.1390	1.0770	2.1695	.92783	2.1658	.20919	.21396
#2	.90141	2.1413	1.0832	2.1587	.92766	2.1464	.21501	.21380
#3	.90039	2.1350	1.0825	2.1655	.92795	2.1328	.21402	.21383
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20245	1.1388	.44683	.21867	.34340	3.5198	.22955	2.2627
Stddev	.00022	.0304	.00029	.00059	.00107	.0261	.00030	.0437
%RSD	.10884	2.6726	.06447	.26934	.31053	.74135	.13170	1.9335
#1	.20243	1.1365	.44662	.21853	.34254	3.4915	.22923	2.2964
#2	.20225	1.1704	.44671	.21932	.34306	3.5430	.22984	2.2133
#3	.20268	1.1096	.44716	.21817	.34459	3.5249	.22959	2.2785
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51533	.08286	2.9510	.33478	.21288	10.937	F .49481	.32609
Stddev	.00013	.00059	.0271	.00048	.00010	.100	.00231	.01179
%RSD	.02491	.71650	.91720	.14200	.04483	.91439	.46597	3.6144
#1	.51546	.08224	2.9388	.33460	.21291	10.954	.49244	.33028
#2	.51531	.08342	2.9820	.33442	.21296	11.028	.49493	.33520
#3	.51520	.08291	2.9322	.33532	.21277	10.830	.49705	.31278
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03301	1.0378	.76128	.23506	.21735	6.134	.22006	F 5.1092
Stddev	.00585	.0119	.00108	.00520	.00233	.005	.00149	.0610
%RSD	17.725	1.1466	.14149	2.2120	1.0729	.0776	.67897	1.1932
#1	.02629	1.0277	.76003	.23094	.21486	6.136	.21897	5.1638
#2	.03576	1.0510	.76193	.24090	.21949	6.129	.22177	5.0435
#3	.03698	1.0348	.76187	.23334	.21769	6.137	.21945	5.1204

Sample Name: PB117206BS Acquired: 2/19/2019 15:42:16 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 67.939
Stddev 3.999
%RSD 5.8860

#1 69.297
#2 71.082
#3 63.438

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2696.9	29028.	3063.8	13.069	2952.7
Stddev	10.0	65.	33.1	.937	3.7
%RSD	.37144	.22248	1.0801	7.1685	.12534

#1	2702.5	28954.	3086.2	14.134	2951.9
#2	2702.9	29058.	3025.8	12.700	2956.7
#3	2685.3	29072.	3079.3	12.373	2949.4

Sample Name: PB117201BL Acquired: 2/19/2019 15:46:20 Type: Unk
Method: P4-ICP2(v2878) 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	.00073	.00084	.00205	-.00062	.00096	-.01225	-.00835
Stddev	.00087	.00053	.00106	.00148	.00081	.00615	.01050
%RSD	119.94	63.703	51.483	239.43	84.946	50.186	125.77

#1	.00160	.00030	.00300	-.00042	.00165	-.00543	.00251
#2	.00072	.00085	.00224	.00075	.00006	-.01737	-.01845
#3	-.00014	.00136	.00091	-.00219	.00115	-.01396	-.00912

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00003	.01027	.00018	-.00014	-.00064	.00290
Stddev	.00007	.00011	.01074	.00043	.00034	.00066	.00212
%RSD	6652.5	406.85	104.62	235.78	232.59	102.88	73.063

#1	.00008	.00003	.00369	.00065	-.00047	-.00139	.00046
#2	-.00004	.00004	.00445	-.00020	-.00016	-.00040	.00426
#3	-.00004	-.00015	.02266	.00010	.00020	-.00014	.00399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.04647	-.00057	.00131	-.15302	.00036	.00069
Stddev	.00004	.05453	.00013	.00045	.00863	.00049	.00015
%RSD	71.866	117.33	23.604	34.788	5.6401	135.06	21.080

#1	-.00005	-.04109	-.00051	.00173	-.14415	.00018	.00053
#2	-.00002	-.10350	-.00072	.00136	-.15353	.00092	.00073
#3	-.00011	.00516	-.00047	.00083	-.16139	-.00001	.00081

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18955	-.00045	.01003	F -.01110	.00578	.00067	-.00073
Stddev	.02727	.00054	.01171	.00909	.00339	.00035	.00106
%RSD	14.388	121.23	116.77	81.819	58.583	52.736	144.64

#1	.15846	-.00001	.02278	-.01620	.00207	.00039	-.00185
#2	.20070	-.00028	-.00022	-.01650	.00870	.00054	.00025
#3	.20947	-.00105	.00752	-.00061	.00658	.00106	-.00059

Sample Name: PB117201BL Acquired: 2/19/2019 15:46:20 Type: Unk
Method: P4-ICP2(v2878) 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	-.00835	-.0020	-.00007	F 4.6352	F<.00000
Stddev	.00108	.0014	.00007	.0128	4.2117
%RSD	12.946	71.17	104.05	.27649	206.01

#1	-.00940	-.0013	-.00013	4.6204	-5.1189
#2	-.00841	-.0036	-.00008	4.6432	-3.7705
#3	-.00724	-.0011	.00001	4.6419	2.7561

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2723.3	29158.	3084.7	12.789	3007.8
Stddev	10.2	194.	20.0	1.519	9.1
%RSD	.37369	.66407	.64732	11.876	.30326

#1	2713.2	29237.	3064.2	12.591	3002.8
#2	2723.2	28937.	3085.8	14.398	3002.3
#3	2733.5	29299.	3104.1	11.380	3018.3

Sample Name: PB117217BS Acquired: 2/19/2019 15:50:47 Type: Unk
Method: P4-ICP2(v2878) 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	.92911	2.2160	1.1175	2.2435	.95826	2.2070	.22242	.22189
Stddev	.00163	.0017	.0033	.0075	.00369	.0180	.00558	.00072
%RSD	.17502	.07841	.29424	.33516	.38492	.81761	2.5106	.32448
#1	.92724	2.2180	1.1213	2.2511	.95972	2.1863	.21694	.22267
#2	.92989	2.2146	1.1161	2.2432	.95406	2.2195	.22810	.22173
#3	.93020	2.2155	1.1152	2.2361	.96099	2.2152	.22221	.22125
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20948	1.1644	.45992	.22564	.35512	F 3.6406	.23621	2.2880
Stddev	.00034	.0159	.00105	.00053	.00063	.0353	.00026	.0210
%RSD	.16458	1.3649	.22873	.23385	.17692	.96913	.10888	.91768
#1	.20988	1.1495	.46113	.22625	.35511	3.6728	.23599	2.2654
#2	.20926	1.1811	.45926	.22542	.35575	3.6029	.23615	2.3069
#3	.20932	1.1627	.45936	.22527	.35450	3.6461	.23649	2.2918
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53263	.08408	3.0487	.34366	.22085	11.378	F .50568	.32617
Stddev	.00117	.00052	.0117	.00078	.00047	.064	.00051	.01588
%RSD	.22032	.61902	.38223	.22729	.21299	.56103	.10173	4.8688
#1	.53398	.08398	3.0371	.34452	.22113	11.346	.50510	.31094
#2	.53200	.08361	3.0486	.34348	.22112	11.451	.50589	.32495
#3	.53191	.08464	3.0604	.34299	.22031	11.336	.50606	.34263
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .09213	1.0825	.78548	.23905	.22380	6.374	.22644	F 4.9479
Stddev	.00847	.0112	.00078	.00207	.00293	.007	.00169	.1806
%RSD	9.1946	1.0323	.09907	.86520	1.3082	.1084	.74681	3.6492
#1	.08491	1.0916	.78492	.23678	.22142	6.381	.22449	5.1410
#2	.10145	1.0700	.78637	.23953	.22707	6.367	.22747	4.9196
#3	.09002	1.0859	.78515	.24083	.22289	6.373	.22736	4.7832

Sample Name: PB117217BS Acquired: 2/19/2019 15:50:47 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 64.546
Stddev	.423
%RSD	.65522

#1	64.138
#2	64.983
#3	64.518

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2718.2	29178.	3082.1	13.420	2970.4
Stddev	21.4	66.	28.3	.899	20.5
%RSD	.78829	.22688	.91696	6.6981	.68989

#1	2742.7	29129.	3049.5	13.409	2994.0
#2	2703.0	29151.	3100.3	12.527	2957.6
#3	2708.9	29253.	3096.5	14.325	2959.6

Sample Name: PB117217BL Acquired: 2/19/2019 15:54:50 Type: Unk
Method: P4-ICP2(v2878) 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	.00016	.00140	.00215	.00289	-.00037	.00023	-.00226
Stddev	.00067	.00234	.00060	.00307	.00175	.00384	.00546
%RSD	423.51	166.55	27.782	106.18	475.32	1675.2	241.70

#1	-.00058	.00364	.00247	.00198	.00145	.00461	-.00376
#2	.00033	-.00102	.00252	.00038	-.00204	-.00137	.00380
#3	.00073	.00159	.00146	.00632	-.00052	-.00255	-.00682

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00001	.02674	-.00000	-.00009	-.00005	.00300
Stddev	.00007	.00006	.01525	.00040	.00010	.00004	.00165
%RSD	96.276	823.62	57.033	26037.	115.62	79.303	54.979

#1	.00003	-.00001	.01817	-.00041	-.00006	-.00007	.00110
#2	.00003	-.00006	.04435	.00040	-.00001	-.00001	.00405
#3	.00015	.00005	.01770	.00000	-.00021	-.00009	.00384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.01991	-.00020	.00075	-.16203	.00015	.00444
Stddev	.00004	.00984	.00053	.00052	.00427	.00064	.00015
%RSD	50.967	49.431	270.56	69.569	2.6344	426.00	3.4436

#1	.00010	-.02882	.00033	.00136	-.16289	.00017	.00462
#2	.00007	-.00935	-.00018	.00042	-.16580	-.00050	.00433
#3	.00003	-.02154	-.00074	.00049	-.15739	.00078	.00438

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24127	-.00032	.01403	-.00501	.00365	.00135	-.00007
Stddev	.02983	.00025	.00902	.02894	.00245	.00058	.00248
%RSD	12.364	77.970	64.293	577.29	67.206	43.245	3526.9

#1	.20826	-.00006	.00774	.02742	.00600	.00153	-.00121
#2	.24925	-.00056	.02437	-.02818	.00111	.00070	-.00178
#3	.26630	-.00034	.00999	-.01429	.00383	.00182	.00278

Sample Name: PB117217BL Acquired: 2/19/2019 15:54:50 Type: Unk
 Method: P4-ICP2(v2878) 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	-.00953	-.0027	-.00014	F 4.6918	F<.00000
Stddev	.00191	.0013	.00011	.1611	1.3862
%RSD	20.092	49.09	77.341	3.4342	33.352
#1	-.00868	-.0032	-.00009	4.6266	-2.5626
#2	-.00819	-.0012	-.00007	4.8753	-5.0826
#3	-.01172	-.0036	-.00026	4.5735	-4.8236
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2700.4	29027.	3080.0	13.734	2983.4
Stddev	4.7	93.	24.1	.562	3.6
%RSD	.17565	.32044	.78127	4.0952	.12048
#1	2705.5	28924.	3076.5	13.539	2987.5
#2	2696.1	29105.	3057.9	14.368	2980.9
#3	2699.5	29052.	3105.6	13.295	2981.9

Sample Name: CCV04 Acquired: 2/19/2019 15:59:18 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4230	4.9945	5.1625	5.2242	5.3723	10.067	9.6923	.25853
Stddev	.0142	.0101	.0176	.0134	.0233	.096	.0974	.00043
%RSD	.26187	.20291	.34086	.25675	.43403	.95264	1.0049	.16813
#1	5.4170	4.9839	5.1431	5.2205	5.3696	10.028	9.6335	.25817
#2	5.4392	5.0041	5.1774	5.2391	5.3968	9.9959	9.8047	.25901
#3	5.4128	4.9955	5.1671	5.2130	5.3505	10.176	9.6387	.25842
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4848	24.623	1.0106	2.5666	1.2838	5.1066	2.5763	25.705
Stddev	.0069	.258	.0056	.0071	.0042	.0618	.0071	.130
%RSD	.27753	1.0466	.55401	.27773	.32662	1.2096	.27731	.50697
#1	2.4779	24.373	1.0042	2.5588	1.2806	5.0785	2.5689	25.555
#2	2.4917	24.888	1.0127	2.5727	1.2885	5.1774	2.5768	25.781
#3	2.4849	24.608	1.0148	2.5684	1.2822	5.0639	2.5831	25.780
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4412	1.3472	22.679	2.5540	2.6190	24.384	5.3883	4.6296
Stddev	.0047	.0047	.216	.0047	.0030	.180	.0164	.0281
%RSD	.19199	.34803	.95441	.18349	.11294	.73991	.30356	.60788
#1	2.4359	1.3440	22.570	2.5512	2.6163	24.370	5.3779	4.5976
#2	2.4447	1.3526	22.929	2.5514	2.6221	24.571	5.4071	4.6410
#3	2.4431	1.3449	22.539	2.5594	2.6186	24.211	5.3799	4.6502
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9601	5.1147	5.0320	5.1425	4.8524	5.296	5.0862	F 6.1493
Stddev	.0242	.0616	.0124	.0215	.0477	.011	.0616	.0239
%RSD	.48771	1.2051	.24605	.41885	.98366	.2058	1.2104	.38808
#1	4.9648	5.0790	5.0178	5.1185	4.8334	5.296	5.0432	6.1295
#2	4.9339	5.1859	5.0379	5.1602	4.9067	5.285	5.1567	6.1427
#3	4.9816	5.0792	5.0404	5.1487	4.8171	5.307	5.0588	6.1758

Sample Name: CCV04 Acquired: 2/19/2019 15:59:18 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .42665
Stddev	.16831
%RSD	39.450

#1	.61873
#2	.35623
#3	.30498

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2572.0	27491.	3024.5	11.869	2639.2
Stddev	8.3	73.	31.8	1.749	5.8
%RSD	.32365	.26394	1.0504	14.740	.22116

#1	2575.7	27446.	3028.0	13.414	2644.3
#2	2562.5	27574.	2991.2	9.9693	2632.9
#3	2577.9	27451.	3054.4	12.225	2640.4

Sample Name: CCB04 Acquired: 2/19/2019 16:08:14 Type: Unk
Method: P4-ICP2(v2878) 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	-.00022	.00044	.00205	.00094	.00039	-.00913	-.00037
Stddev	.00223	.00092	.00095	.00132	.00160	.01808	.00175
%RSD	1008.1	210.21	46.427	139.51	410.66	198.03	469.30

#1	-.00077	.00135	.00311	.00011	.00146	-.01997	.00160
#2	-.00213	.00045	.00127	.00026	.00117	.01175	-.00173
#3	.00223	-.00049	.00176	.00246	-.00145	-.01917	-.00099

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00000	.01892	.00027	.00005	-.00012	.00275
Stddev	.00003	.00009	.01861	.00034	.00005	.00053	.00128
%RSD	1020.3	31322.	98.330	126.28	107.10	442.12	46.596

#1	.00001	.00008	.00727	.00058	-.00001	-.00043	.00128
#2	.00003	.00002	.04039	.00030	.00006	.00049	.00366
#3	-.00003	-.00010	.00912	-.00009	.00010	-.00042	.00329

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.04155	-.00049	.00107	-.14182	.00018	.00084
Stddev	.00004	.05173	.00010	.00040	.02228	.00030	.00007
%RSD	49.101	124.51	21.096	37.452	15.712	164.74	8.2817

#1	.00008	-.08573	-.00060	.00132	-.16747	-.00010	.00088
#2	.00003	.01536	-.00049	.00061	-.13079	.00015	.00076
#3	.00010	-.05428	-.00039	.00129	-.12721	.00049	.00088

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19785	-.00026	.01309	F -.01760	.00634	.00090	-.00106
Stddev	.02185	.00020	.00365	.00933	.00316	.00075	.00221
%RSD	11.045	76.165	27.923	53.017	49.829	82.814	208.13

#1	.17268	-.00009	.01636	-.02114	.00585	.00018	.00120
#2	.21195	-.00048	.00914	-.00701	.00972	.00085	-.00321
#3	.20892	-.00021	.01375	-.02463	.00346	.00168	-.00118

Sample Name: CCB04 Acquired: 2/19/2019 16:08:14 Type: Unk
 Method: P4-ICP2(v2878) 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	-.00941	-.0021	.00024	F 5.1154	F<.00000
Stddev	.00437	.0015	.00014	.1447	1.5378
%RSD	46.440	71.49	59.451	2.8295	133.17
#1	-.00966	-.0008	.00008	5.1649	-.45197
#2	-.01365	-.0018	.00034	5.2289	-.09389
#3	-.00492	-.0038	.00031	4.9524	-2.9184
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2679.9	28869.	3061.4	13.648	2982.5
Stddev	21.1	103.	18.8	.305	17.9
%RSD	.78614	.35736	.61548	2.2313	.60093
#1	2658.3	28901.	3047.2	13.877	2962.8
#2	2700.4	28754.	3082.8	13.764	2997.8
#3	2681.1	28953.	3054.3	13.302	2986.8

Sample Name: PB117217TB Acquired: 2/19/2019 16:16:47 Type: Unk
Method: P4-ICP2(v2878) 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	-.00425	-.00059	.00327	.00096	.00114	-.02140	-.00981
Stddev	.00256	.00174	.00034	.00125	.00291	.00224	.00191
%RSD	60.355	293.62	10.416	130.01	254.05	10.443	19.484

#1	-.00241	.00092	.00303	.00174	-.00080	-.01884	-.01049
#2	-.00316	-.00020	.00313	-.00048	-.00025	-.02293	-.01128
#3	-.00718	-.00250	.00367	.00162	.00449	-.02244	-.00765

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00019	.03118	.00132	-.00026	-.00067	.00324
Stddev	.00010	.00004	.00354	.00028	.00006	.00046	.00076
%RSD	96.009	22.873	11.369	21.104	21.523	69.222	23.346

#1	-.00001	-.00023	.03007	.00105	-.00030	-.00119	.00410
#2	-.00009	-.00014	.02832	.00161	-.00029	-.00031	.00267
#3	-.00022	-.00021	.03515	.00131	-.00020	-.00051	.00296

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.07068	.00223	.00395	F 290.26	-.00015	.00311
Stddev	.00007	.03077	.00026	.00086	.98	.00064	.00002
%RSD	37.019	43.532	11.525	21.816	.33771	434.91	.52819

#1	.00011	-.04502	.00251	.00318	291.09	-.00061	.00313
#2	.00025	-.10479	.00202	.00380	290.50	-.00042	.00309
#3	.00020	-.06224	.00215	.00488	289.18	.00058	.00310

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36196	.00025	.00842	F -.01105	.02104	.00290	.00079
Stddev	.03074	.00009	.00683	.01498	.00273	.00116	.00332
%RSD	8.4928	34.635	81.058	135.51	12.983	40.006	418.19

#1	.39689	.00034	.01546	-.02712	.02273	.00200	-.00219
#2	.33905	.00020	.00183	.00252	.02251	.00249	.00021
#3	.34992	.00019	.00796	-.00856	.01789	.00421	.00436

Sample Name: PB117217TB Acquired: 2/19/2019 16:16:47 Type: Unk
 Method: P4-ICP2(v2878) 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	-0.00316	-0.0020	-0.00012	6.3732	<.00000
Stddev	.00071	.0014	.00008	.1054	4.3150
%RSD	22.421	70.61	61.027	1.6534	26.218

#1	-0.00372	-0.0032	-0.00019	6.3582	-11.537
#2	-0.00339	-0.0004	-0.00004	6.4852	-18.244
#3	-0.00237	-0.0024	-0.00014	6.2761	-19.593

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2509.8	26879.	3044.6	12.940	2627.5
Stddev	9.0	26.	27.3	.590	6.3
%RSD	.35994	.09654	.89542	4.5578	.24156

#1	2500.6	26888.	3016.2	12.627	2620.3
#2	2510.1	26850.	3046.9	13.620	2630.0
#3	2518.7	26900.	3070.6	12.573	2632.2

Sample Name: PB117201BS Acquired: 2/19/2019 16:21:24 Type: Unk
Method: P4-ICP2(v2878) 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	.91681	2.1837	1.1025	2.2368	.92524	2.1773	.21728	.22257
Stddev	.00478	.0114	.0019	.0115	.00628	.0046	.00334	.00065
%RSD	.52140	.52105	.17705	.51528	.67892	.20917	1.5385	.29229
#1	.91321	2.1884	1.1033	2.2380	.93247	2.1727	.21613	.22331
#2	.91498	2.1920	1.1003	2.2247	.92218	2.1818	.21467	.22207
#3	.92223	2.1708	1.1040	2.2476	.92108	2.1774	.22105	.22234
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20503	1.1160	.44792	.21924	.35326	3.5082	.23003	2.2620
Stddev	.00041	.0040	.00191	.00090	.00101	.0147	.00109	.0535
%RSD	.20026	.36031	.42652	.40909	.28725	.42027	.47343	2.3634
#1	.20540	1.1117	.44762	.22025	.35443	3.5248	.23121	2.3100
#2	.20509	1.1196	.44997	.21896	.35265	3.4967	.22906	2.2044
#3	.20459	1.1167	.44619	.21852	.35270	3.5031	.22983	2.2716
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51733	.08504	3.0517	.33255	.22089	11.044	.47673	.31961
Stddev	.00081	.00046	.0141	.00102	.00029	.055	.00137	.00372
%RSD	.15710	.54411	.46229	.30624	.13006	.49933	.28712	1.1654
#1	.51817	.08537	3.0416	.33344	.22121	10.991	.47775	.32365
#2	.51726	.08451	3.0678	.33144	.22082	11.039	.47727	.31886
#3	.51655	.08524	3.0457	.33277	.22065	11.101	.47517	.31632
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.130	1.0473	.75821	.23172	.22420	6.340	.21871	F 5.5030
Stddev	.042	.0061	.00147	.00177	.00232	.005	.00080	.1085
%RSD	.41569	.58258	.19379	.76229	1.0369	.0829	.36576	1.9710
#1	10.101	1.0542	.75930	.23034	.22422	6.335	.21780	5.4338
#2	10.179	1.0451	.75879	.23371	.22186	6.346	.21931	5.6280
#3	10.112	1.0426	.75654	.23111	.22651	6.340	.21901	5.4471

Sample Name: PB117201BS Acquired: 2/19/2019 16:21:24 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 63.089
Stddev 4.003
%RSD 6.3453

#1 67.558
#2 61.877
#3 59.832

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2703.4	28794.	3103.9	13.663	2970.9
Stddev	22.6	107.	17.4	.472	25.4
%RSD	.83723	.37006	.56192	3.4520	.85410

#1	2677.4	28695.	3085.0	13.130	2941.8
#2	2713.6	28780.	3107.4	14.025	2982.5
#3	2719.1	28907.	3119.3	13.834	2988.5

Sample Name: K1505-01 Acquired: 2/19/2019 16:25:30 Type: Unk
Method: P4-ICP2(v2878) 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	-.00158	.00142	.00172	-.00182	-.00066	.03302	-.01751
Stddev	.00091	.00069	.00032	.00149	.00116	.00742	.00477
%RSD	57.499	48.671	18.817	81.705	177.74	22.469	27.252

#1	-.00056	.00222	.00152	-.00301	.00069	.02965	-.01438
#2	-.00230	.00104	.00155	-.00015	-.00134	.04152	-.01514
#3	-.00190	.00100	.00210	-.00231	-.00132	.02788	-.02300

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00004	.13036	.00144	-.00007	.00956	.01913
Stddev	.00005	.00008	.01822	.00014	.00032	.00052	.00121
%RSD	159.33	182.31	13.975	10.001	489.76	5.4003	6.3073

#1	-.00009	.00013	.13447	.00128	.00028	.01004	.02024
#2	-.00001	.00002	.14618	.00151	-.00012	.00901	.01784
#3	.00000	-.00002	.11044	.00154	-.00036	.00964	.01932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	-.01937	.00146	.00030	-.12122	-.00029	.07616
Stddev	.00004	.02072	.00019	.00041	.00297	.00014	.00017
%RSD	3.8957	106.95	13.016	135.13	2.4478	47.950	.22618

#1	.00094	-.03463	.00168	.00023	-.11782	-.00045	.07616
#2	.00094	.00422	.00135	-.00007	-.12328	-.00018	.07599
#3	.00101	-.02771	.00136	.00074	-.12257	-.00024	.07633

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30382	-.00021	.09576	-.03426	3.1432	.00125	-.00231
Stddev	.01438	.00027	.01568	.00137	.0397	.00009	.00208
%RSD	4.7327	127.27	16.374	4.0060	1.2634	7.5330	89.872

#1	.31815	-.00003	.08957	-.03268	3.1658	.00126	-.00417
#2	.30392	-.00052	.11359	-.03511	3.0974	.00115	-.00007
#3	.28939	-.00008	.08411	-.03499	3.1665	.00134	-.00271

Sample Name: K1505-01 Acquired: 2/19/2019 16:25:30 Type: Unk
 Method: P4-ICP2(v2878) 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	-.01463	.0013	.00044	3.6722	F<.00000
Stddev	.00338	.0010	.00011	.1482	1.6064
%RSD	23.114	74.65	23.944	4.0359	24.972

#1	-.01077	.0007	.00049	3.6056	-4.8100
#2	-.01605	.0024	.00032	3.5690	-6.4662
#3	-.01707	.0008	.00052	3.8420	-8.0223

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2862.6	31177.	3341.5	14.089	3248.6
Stddev	17.9	141.	34.8	1.470	1.9
%RSD	.62425	.45187	1.0421	10.437	.05745

#1	2881.4	31229.	3326.7	15.016	3250.4
#2	2860.5	31285.	3381.3	14.857	3246.7
#3	2845.8	31017.	3316.5	12.393	3248.6

Sample Name: K1505-01DUP Acquired: 2/19/2019 16:29:55 Type: Unk
Method: P4-ICP2(v2878) 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	-.00070	.00125	.00264	-.00082	-.00183	.03283	-.01045
Stddev	.00250	.00104	.00056	.00188	.00167	.00463	.00410
%RSD	357.84	82.706	21.179	230.22	91.253	14.101	39.230

#1	.00057	.00245	.00328	-.00010	-.00290	.02762	-.00718
#2	.00091	.00057	.00231	-.00295	.00009	.03646	-.01505
#3	-.00358	.00075	.00232	.00060	-.00269	.03441	-.00912

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00000	.11768	.00165	-.00014	.01009	.01705
Stddev	.00004	.00008	.02655	.00031	.00024	.00060	.00077
%RSD	355.34	2403.4	22.561	18.776	176.88	5.9167	4.4999

#1	.00003	-.00006	.12858	.00149	-.00040	.00957	.01787
#2	-.00004	.00009	.08741	.00146	.00008	.01074	.01634
#3	.00004	-.00002	.13704	.00201	-.00009	.00995	.01694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	-.04423	.00108	.00097	-.13011	-.00025	.07682
Stddev	.00003	.03509	.00031	.00024	.01016	.00019	.00004
%RSD	2.7656	79.329	28.312	24.466	7.8123	78.890	.05034

#1	.00096	-.07224	.00077	.00116	-.14176	-.00024	.07677
#2	.00096	-.00487	.00108	.00070	-.12545	-.00006	.07684
#3	.00100	-.05558	.00139	.00105	-.12310	-.00044	.07684

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25474	-.00042	.10408	-.03320	3.1511	.00114	-.00055
Stddev	.06218	.00041	.01023	.00845	.0564	.00083	.00138
%RSD	24.409	97.398	9.8272	25.459	1.7888	72.876	252.04

#1	.21325	.00005	.10400	-.03814	3.2161	.00138	-.00182
#2	.22473	-.00061	.09389	-.02344	3.1212	.00181	-.00074
#3	.32623	-.00069	.11434	-.03803	3.1159	.00021	.00092

Sample Name: K1505-01DUP Acquired: 2/19/2019 16:29:55 Type: Unk
Method: P4-ICP2(v2878) 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	-.01452	-.0003	.00043	4.3864	F<.00000
Stddev	.00335	.0006	.00008	.0449	1.6566
%RSD	23.100	173.0	19.490	1.0226	32.402

#1	-.01507	-.0007	.00042	4.3367	-3.9750
#2	-.01756	.0003	.00035	4.3985	-4.3498
#3	-.01092	-.0006	.00051	4.4239	-7.0133

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2818.1	30394.	3314.3	14.435	3171.4
Stddev	8.0	23.	49.0	1.073	5.2
%RSD	.28242	.07438	1.4793	7.4362	.16309

#1	2826.7	30392.	3260.6	13.634	3177.2
#2	2816.7	30372.	3325.5	14.016	3169.7
#3	2811.0	30417.	3356.7	15.655	3167.3

Sample Name: K1505-01LX5 Acquired: 2/19/2019 16:34:20 Type: Unk
Method: P4-ICP2(v2878) 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	.00075	.00073	.00296	.00105	-.00035	-.00525	-.00453
Stddev	.00232	.00029	.00125	.00273	.00224	.00664	.00703
%RSD	307.80	39.735	42.223	260.29	644.62	126.51	155.08

#1	.00054	.00057	.00435	-.00165	.00220	.00113	-.00308
#2	-.00145	.00055	.00260	.00381	-.00200	-.01212	-.01218
#3	.00317	.00106	.00193	.00099	-.00124	-.00476	.00166

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00008	.06135	.00071	-.00014	.00204	.00604
Stddev	.00008	.00007	.01520	.00060	.00015	.00044	.00311
%RSD	136.13	89.263	24.768	85.423	110.95	21.582	51.519

#1	.00002	-.00004	.05604	.00095	-.00029	.00224	.00344
#2	-.00006	-.00017	.04952	.00115	.00002	.00154	.00519
#3	-.00013	-.00004	.07849	.00002	-.00014	.00234	.00948

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	-.03809	.00029	.00083	-.11074	.00020	.02028
Stddev	.00003	.01348	.00032	.00045	.01050	.00021	.00015
%RSD	9.5713	35.389	107.25	54.305	9.4838	106.68	.71743

#1	.00031	-.02342	.00004	.00107	-.10881	.00044	.02037
#2	.00030	-.04092	.00020	.00110	-.10134	.00007	.02036
#3	.00036	-.04992	.00065	.00031	-.12207	.00009	.02011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25034	-.00036	.02391	-.00944	.70536	.00078	.00047
Stddev	.06705	.00014	.01725	.02531	.00549	.00048	.00152
%RSD	26.785	38.580	72.148	268.11	.77765	62.039	319.80

#1	.31118	-.00041	.04193	-.02027	.70935	.00043	.00008
#2	.26140	-.00021	.02227	.01948	.70762	.00133	.00215
#3	.17844	-.00047	.00754	-.02753	.69910	.00058	-.00081

Sample Name: K1505-01LX5 Acquired: 2/19/2019 16:34:20 Type: Unk
Method: P4-ICP2(v2878) 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	-0.00828	-0.0018	.00004	4.9967	F<.00000
Stddev	.00467	.0016	.00010	.1001	.84779
%RSD	56.344	87.85	264.66	2.0030	13.164

#1	-0.01362	-0.0020	-0.00000	4.9203	-5.6915
#2	-0.00623	-0.0001	.00015	5.1100	-7.3607
#3	-0.00499	-0.0032	-0.00004	4.9599	-6.2681

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2725.0	29171.	3122.4	12.809	3004.8
Stddev	5.4	93.	28.2	1.370	6.8
%RSD	.19944	.32036	.90182	10.693	.22745

#1	2722.9	29131.	3101.4	11.255	3003.5
#2	2720.8	29105.	3111.5	13.334	2998.7
#3	2731.1	29278.	3154.4	13.839	3012.2

Sample Name: K1505-01MS Acquired: 2/19/2019 16:38:45 Type: Unk
Method: P4-ICP2(v2878) 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	.90670	2.1135	1.0652	2.1976	.92801	2.1679	.20538	.21696
Stddev	.00720	.0037	.0031	.0194	.00788	.0238	.00465	.00092
%RSD	.79415	.17758	.28931	.88430	.84882	1.0990	2.2621	.42232

#1	.90057	2.1119	1.0641	2.1779	.92101	2.1753	.20499	.21772
#2	.90490	2.1109	1.0628	2.1981	.92648	2.1871	.20094	.21594
#3	.91463	2.1178	1.0687	2.2167	.93654	2.1412	.21021	.21721

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19854	1.2256	.43904	.21291	.35508	3.4459	.22484	2.2507
Stddev	.00020	.0274	.00181	.00078	.00224	.0059	.00118	.0088
%RSD	.10226	2.2322	.41289	.36631	.62963	.17228	.52695	.38869

#1	.19836	1.1940	.43956	.21243	.35410	3.4521	.22544	2.2608
#2	.19876	1.2423	.43703	.21381	.35351	3.4403	.22347	2.2454
#3	.19850	1.2405	.44054	.21249	.35764	3.4452	.22560	2.2459

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50545	.08311	2.8664	.32449	.29075	10.726	.47934	.40002
Stddev	.00043	.00043	.0076	.00146	.00057	.060	.00413	.00743
%RSD	.08419	.52328	.26325	.44871	.19467	.56219	.86094	1.8577

#1	.50546	.08316	2.8722	.32567	.29012	10.785	.47800	.39243
#2	.50586	.08265	2.8692	.32286	.29122	10.729	.47604	.40728
#3	.50501	.08352	2.8579	.32494	.29089	10.664	.48397	.40035

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03958	3.9921	.74986	.22945	.20428	6.077	.21413	4.4414
Stddev	.01842	.0067	.00053	.00242	.00124	.023	.00100	.1163
%RSD	46.533	.16688	.07011	1.0535	.60497	.3842	.46890	2.6181

#1	-.03675	3.9896	.74925	.22903	.20512	6.052	.21498	4.3368
#2	-.02274	3.9997	.75020	.22727	.20286	6.079	.21440	4.4208
#3	-.05925	3.9871	.75012	.23205	.20486	6.099	.21302	4.5666

Sample Name: K1505-01MS Acquired: 2/19/2019 16:38:45 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 65.745
Stddev 2.010
%RSD 3.0575

#1 67.070
#2 63.432
#3 66.733

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2807.2	30350.	3250.7	14.392	3108.1
Stddev	24.0	70.	6.0	1.235	9.2
%RSD	.85449	.22993	.18355	8.5822	.29641

#1	2810.7	30355.	3243.9	13.239	3101.3
#2	2829.3	30418.	3254.8	15.695	3118.6
#3	2781.7	30278.	3253.5	14.243	3104.5

Sample Name: K1505-01MSD Acquired: 2/19/2019 16:42:49 Type: Unk
Method: P4-ICP2(v2878) 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	.89819	2.0993	1.0577	2.1734	.92271	2.1814	.19664	.21581
Stddev	.00788	.0077	.0003	.0120	.01152	.0312	.00344	.00029
%RSD	.87716	.36769	.02499	.55276	1.2480	1.4300	1.7479	.13544

#1	.89429	2.0994	1.0574	2.1776	.91529	2.1539	.19267	.21598
#2	.90726	2.1069	1.0578	2.1827	.93597	2.1749	.19857	.21599
#3	.89303	2.0915	1.0578	2.1598	.91685	2.2153	.19868	.21548

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19739	1.1981	.43688	.21139	.35289	3.4010	.22381	2.2404
Stddev	.00028	.0215	.00134	.00044	.00225	.0171	.00028	.0700
%RSD	.13975	1.7982	.30760	.20966	.63646	.50223	.12613	3.1256

#1	.19765	1.2214	.43841	.21097	.35201	3.4205	.22388	2.2988
#2	.19743	1.1789	.43589	.21185	.35544	3.3941	.22349	2.1628
#3	.19710	1.1940	.43635	.21135	.35121	3.3885	.22404	2.2596

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50246	.08221	2.8292	.32212	.28933	10.697	.47524	.40588
Stddev	.00193	.00092	.0068	.00241	.00072	.025	.00366	.00561
%RSD	.38364	1.1196	.24113	.74938	.25039	.23531	.76936	1.3823

#1	.50189	.08294	2.8299	.32378	.28935	10.713	.47198	.40894
#2	.50461	.08117	2.8220	.32323	.29004	10.668	.47919	.39940
#3	.50089	.08252	2.8356	.31935	.28860	10.710	.47455	.40929

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02224	3.9133	.74371	.22644	.20176	6.026	.21244	4.6496
Stddev	.00749	.0210	.00141	.00263	.00265	.006	.00087	.1227
%RSD	33.670	.53614	.18918	1.1635	1.3125	.0940	.40802	2.6379

#1	-.01843	3.9287	.74235	.22427	.19973	6.027	.21152	4.5291
#2	-.03086	3.9218	.74516	.22568	.20080	6.032	.21256	4.6455
#3	-.01741	3.8894	.74360	.22937	.20475	6.020	.21324	4.7743

Sample Name: K1505-01MSD Acquired: 2/19/2019 16:42:49 Type: Unk
 Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	61.878
Stddev	1.565
%RSD	2.5296

#1	61.013
#2	63.685
#3	60.936

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2813.2	30272.	3261.8	12.879	3112.3
Stddev	30.2	36.	17.1	.441	18.5
%RSD	1.0752	.11862	.52542	3.4221	.59348

#1	2844.6	30236.	3246.6	13.386	3133.2
#2	2784.2	30307.	3258.5	12.657	3098.2
#3	2810.7	30273.	3280.4	12.593	3105.4

Sample Name: K1505-01A Acquired: 2/19/2019 16:46:52 Type: Unk
Method: P4-ICP2(v2878) 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	.90717	2.1104	1.0693	2.1910	.93074	2.1898	.20842	.21830
Stddev	.00325	.0065	.0030	.0027	.00170	.0230	.00403	.00064
%RSD	.35847	.30765	.27896	.12354	.18310	1.0515	1.9315	.29215
#1	.91055	2.1046	1.0675	2.1901	.92878	2.1664	.21289	.21852
#2	.90407	2.1092	1.0677	2.1888	.93181	2.2125	.20509	.21758
#3	.90688	2.1174	1.0727	2.1940	.93164	2.1906	.20729	.21879
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19906	1.2254	.43838	.21322	.35602	3.4319	.22525	2.2640
Stddev	.00033	.0115	.00072	.00022	.00083	.0270	.00012	.0271
%RSD	.16662	.94015	.16426	.10433	.23300	.78704	.05172	1.1958
#1	.19918	1.2121	.43899	.21336	.35595	3.4460	.22536	2.2905
#2	.19869	1.2326	.43758	.21297	.35688	3.4007	.22513	2.2649
#3	.19932	1.2314	.43856	.21335	.35523	3.4489	.22525	2.2364
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50610	.08229	2.8489	.32520	.29403	10.708	.47901	.40700
Stddev	.00023	.00019	.0183	.00170	.00034	.019	.00055	.00660
%RSD	.04480	.22790	.64151	.52403	.11637	.17497	.11503	1.6226
#1	.50631	.08210	2.8607	.32420	.29384	10.702	.47961	.39938
#2	.50613	.08247	2.8582	.32423	.29442	10.729	.47853	.41091
#3	.50586	.08229	2.8278	.32717	.29382	10.693	.47889	.41072
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01684	3.9721	.75085	.22802	.20783	6.117	.21398	4.8259
Stddev	.01880	.0344	.00180	.00127	.00146	.009	.00041	.0543
%RSD	111.66	.86588	.23926	.55864	.70250	.1553	.19006	1.1251
#1	.00449	3.9710	.74992	.22690	.20912	6.111	.21353	4.8358
#2	-.03101	3.9382	.74972	.22941	.20814	6.112	.21412	4.8745
#3	-.02400	4.0070	.75293	.22775	.20625	6.128	.21430	4.7673

Sample Name: K1505-01A Acquired: 2/19/2019 16:46:52 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	64.460
Stddev	2.555
%RSD	3.9642

#1	65.442
#2	66.378
#3	61.559

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2773.6	29871.	3202.9	13.752	3062.5
Stddev	16.1	42.	19.2	1.411	16.2
%RSD	.57970	.13989	.60063	10.261	.53003

#1	2791.2	29918.	3187.8	12.275	3081.2
#2	2759.7	29854.	3224.6	15.086	3051.4
#3	2769.9	29840.	3196.3	13.893	3055.0

Sample Name: K1512-01 Acquired: 2/19/2019 16:50:56 Type: Unk
Method: P4-ICP2(v2878) 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	-.00000	-.00010	.03524	.00506	-.00925	.29966	.02713
Stddev	.00194	.00086	.00103	.00204	.00326	.00672	.00544
%RSD	67067.	853.33	2.9276	40.311	35.220	2.2423	20.061

#1	-.00224	-.00100	.03449	.00271	-.00928	.29934	.02904
#2	.00105	-.00002	.03641	.00614	-.00598	.29310	.02099
#3	.00118	.00071	.03481	.00633	-.01249	.30653	.03136

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00167	9.1480	.07297	.01163	1.7955	3.2809
Stddev	.00004	.00007	.0739	.00044	.00028	.0005	.0358
%RSD	54.490	4.3915	.80740	.60817	2.4024	.02922	1.0908

#1	.00003	-.00175	9.1664	.07277	.01194	1.7960	3.3191
#2	.00010	-.00164	9.0667	.07266	.01139	1.7950	3.2481
#3	.00010	-.00162	9.2110	.07348	.01157	1.7956	3.2756

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48113	3.2342	4.9470	.00115	1619.8	.00091	.35937
Stddev	.00170	.0788	.0176	.00048	33.9	.00092	.00072
%RSD	.35230	2.4360	.35520	41.622	2.0949	100.79	.19916

#1	.48309	3.3078	4.9385	.00160	1658.9	-.00013	.35863
#2	.48005	3.1511	4.9354	.00121	1601.8	.00160	.36006
#3	.48026	3.2439	4.9673	.00065	1598.6	.00127	.35943

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	863.49	.00979	F 36.838	F 1556.2	9.2705	-.57818	.00754
Stddev	18.45	.00037	.329	8.7	.1109	.00278	.00408
%RSD	2.1365	3.8122	.89264	.56085	1.1958	.48140	54.102

#1	880.71	.00938	36.786	1551.0	9.3780	-.57563	.01138
#2	844.02	.00988	36.537	1551.3	9.1565	-.57777	.00796
#3	865.73	.01011	37.189	1566.3	9.2771	-.58115	.00326

Sample Name: K1512-01 Acquired: 2/19/2019 16:50:56 Type: Unk
 Method: P4-ICP2(v2878) 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	.05409	5.803	.11130	8.1772	F<.00000
Stddev	.00219	.007	.00121	.0731	4.6187
%RSD	4.0581	.1173	1.0851	.89369	40.602

#1	.05662	5.804	.11163	8.2316	-8.6364
#2	.05295	5.796	.10997	8.0941	-8.7823
#3	.05269	5.809	.11232	8.2059	-16.708

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2243.2	23475.	3028.2	11.805	2173.3
Stddev	5.0	62.	38.5	.733	8.0
%RSD	.22204	.26369	1.2718	6.2117	.36835

#1	2246.5	23408.	2994.9	10.959	2179.4
#2	2245.6	23530.	3070.4	12.255	2176.3
#3	2237.5	23487.	3019.2	12.202	2164.3

Sample Name: K1512-02 Acquired: 2/19/2019 16:55:29 Type: Unk
Method: P4-ICP2(v2878) 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	.00065	.00037	.01752	.00193	-.00372	.09436	.01634
Stddev	.00259	.00101	.00073	.00206	.00160	.01186	.00365
%RSD	400.60	272.51	4.1559	106.55	42.848	12.564	22.356

#1	.00186	.00108	.01832	.00429	-.00357	.08775	.01760
#2	-.00233	-.00078	.01734	.00100	-.00539	.08729	.01222
#3	.00241	.00081	.01689	.00051	-.00221	.10805	.01919

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00056	4.9854	.04671	.00265	1.3819	1.5569
Stddev	.00006	.00013	.0265	.00039	.00004	.0008	.0065
%RSD	120.38	22.435	.53076	.83740	1.3422	.05827	.41665

#1	-.00012	-.00042	5.0151	.04689	.00261	1.3818	1.5583
#2	-.00000	-.00066	4.9645	.04698	.00266	1.3811	1.5626
#3	-.00003	-.00059	4.9765	.04626	.00268	1.3827	1.5499

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08993	.78030	1.6452	.00109	154.84	-.00016	.26222
Stddev	.00027	.04238	.0015	.00070	1.58	.00042	.00040
%RSD	.29536	5.4315	.09045	64.768	1.0201	260.97	.15435

#1	.08983	.74792	1.6435	.00040	156.65	-.00062	.26227
#2	.08974	.82826	1.6462	.00105	153.73	.00021	.26179
#3	.09024	.76471	1.6459	.00181	154.14	-.00007	.26260

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	89.767	.00558	3.4762	F 111.36	2.0848	-.03867	.00278
Stddev	1.167	.00017	.0328	.36	.0128	.00090	.00078
%RSD	1.2995	3.0597	.94235	.32493	.61193	2.3194	27.915

#1	91.107	.00563	3.5140	110.95	2.0981	-.03852	.00353
#2	88.981	.00571	3.4583	111.47	2.0838	-.03785	.00198
#3	89.212	.00539	3.4563	111.65	2.0726	-.03963	.00283

Sample Name: K1512-02 Acquired: 2/19/2019 16:55:29 Type: Unk
Method: P4-ICP2(v2878) 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	.00492	.7007	.07036	5.5268	F<.00000
Stddev	.00133	.0025	.00010	.1371	3.2329
%RSD	26.982	.3561	.14588	2.4810	94.330
#1	.00602	.6978	.07048	5.4652	-7.1457
#2	.00530	.7019	.07030	5.4313	-1.2828
#3	.00345	.7023	.07030	5.6839	-1.8532
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2664.9	28497.	3230.1	13.026	2787.1
Stddev	.7	96.	25.4	1.465	1.6
%RSD	.02642	.33704	.78689	11.248	.05731
#1	2664.9	28548.	3202.3	11.430	2788.8
#2	2664.2	28556.	3236.0	14.309	2786.8
#3	2665.6	28386.	3252.1	13.340	2785.6

Sample Name: CCV05 Acquired: 2/19/2019 17:14:09 Type: Unk
Method: P4-ICP2(v2878) 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	5.2734	4.7883	4.9615	5.0472	5.2208	9.7707	9.4028
Stddev	.0110	.0031	.0120	.0247	.0185	.1243	.0548
%RSD	.20808	.06425	.24242	.48939	.35477	1.2718	.58280

#1	5.2652	4.7894	4.9482	5.0212	5.1995	9.6491	9.4374
#2	5.2859	4.7848	4.9716	5.0501	5.2293	9.7656	9.4314
#3	5.2692	4.7906	4.9647	5.0703	5.2335	9.8975	9.3397

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24964	2.3762	23.807	.96799	2.4677	1.2376	4.8851
Stddev	.00033	.0048	.180	.00160	.0077	.0034	.0334
%RSD	.13363	.20104	.75423	.16545	.31271	.27415	.68390

#1	.24997	2.3706	23.604	.96720	2.4589	1.2341	4.9148
#2	.24964	2.3788	23.943	.96694	2.4708	1.2378	4.8915
#3	.24930	2.3790	23.875	.96983	2.4734	1.2409	4.8489

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4762	24.959	2.3293	1.3028	24.998	2.4583	2.5300
Stddev	.0034	.122	.0025	.0022	.221	.0040	.0045
%RSD	.13766	.48698	.10579	.17103	.88340	.16284	.17631

#1	2.4757	24.819	2.3265	1.3014	25.173	2.4538	2.5249
#2	2.4731	25.037	2.3306	1.3017	25.071	2.4597	2.5332
#3	2.4798	25.020	2.3309	1.3054	24.750	2.4615	2.5320

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.087	5.2394	F 4.4966	4.9536	4.8897	4.8449	5.0022
Stddev	.296	.0112	.0280	.0282	.0124	.0134	.0189
%RSD	1.2296	.21375	.62194	.56839	.25464	.27589	.37843

#1	24.401	5.2265	4.4701	4.9652	4.9015	4.8295	4.9803
#2	24.046	5.2461	4.5259	4.9741	4.8910	4.8518	5.0125
#3	23.813	5.2457	4.4940	4.9215	4.8767	4.8534	5.0137

Sample Name: CCV05 Acquired: 2/19/2019 17:14:09 Type: Unk
Method: P4-ICP2(v2878) 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	4.7253	5.129	4.9254	F 6.3181	F<.00000
Stddev	.0293	.004	.0196	.0775	5.6258
%RSD	.61979	.0869	.39753	1.2263	128.94
#1	4.7439	5.125	4.9398	6.2307	-9.4508
#2	4.7404	5.134	4.9332	6.3454	1.6788
#3	4.6915	5.128	4.9031	6.3782	-5.3175
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2537.2	27335.	3028.8	11.606	2629.7
Stddev	4.5	20.	21.7	1.596	2.8
%RSD	.17682	.07380	.71610	13.753	.10775
#1	2542.3	27345.	3007.0	9.9661	2632.0
#2	2534.3	27349.	3029.0	11.697	2626.6
#3	2534.9	27312.	3050.4	13.155	2630.6

Sample Name: CCB05 Acquired: 2/19/2019 17:18:08 Type: Unk
Method: P4-ICP2(v2878) 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	.00127	.00104	.00201	.00265	-.00130	-.01104	-.00415
Stddev	.00229	.00144	.00074	.00016	.00125	.00671	.00353
%RSD	180.24	138.00	36.531	5.8956	96.110	60.768	85.079

#1	.00178	.00062	.00164	.00261	-.00159	-.00395	-.00791
#2	-.00123	.00264	.00286	.00251	-.00237	-.01188	-.00091
#3	.00325	-.00014	.00154	.00282	.00007	-.01729	-.00362

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00004	.00147	.00021	-.00011	-.00028	.00161
Stddev	.00001	.00013	.00987	.00009	.00004	.00020	.00040
%RSD	70.431	353.97	672.95	41.583	40.322	71.469	25.087

#1	.00002	-.00015	-.00430	.00030	-.00011	-.00052	.00194
#2	.00003	-.00006	.01287	.00020	-.00016	-.00015	.00174
#3	.00000	.00010	-.00417	.00013	-.00007	-.00019	.00116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.05607	-.00065	.00075	.07689	-.00027	.00065
Stddev	.00002	.05011	.00022	.00004	.00630	.00021	.00005
%RSD	133.35	89.375	33.592	5.9488	8.1937	78.842	7.8114

#1	.00001	-.02777	-.00082	.00072	.07553	-.00015	.00064
#2	.00004	-.02651	-.00073	.00081	.07139	-.00014	.00070
#3	.00000	-.11393	-.00040	.00074	.08377	-.00052	.00060

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .55637	.00003	F .02925	F .09047	.00537	.00100	.00134
Stddev	.01983	.00027	.00453	.00631	.00121	.00074	.00210
%RSD	3.5650	978.16	15.485	6.9728	22.432	73.489	156.28

#1	.57808	.00034	.02537	.09402	.00483	.00082	.00373
#2	.53919	-.00014	.02816	.09420	.00676	.00181	.00049
#3	.55185	-.00012	.03423	.08319	.00453	.00037	-.00019

Sample Name: CCB05 Acquired: 2/19/2019 17:18:08 Type: Unk
 Method: P4-ICP2(v2878) 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	.00182	-.0018	-.00005	F 5.0753	F<.00000
Stddev	.00502	.0007	.00011	.1757	1.5463
%RSD	275.29	42.24	234.28	3.4623	27.328

#1	.00055	-.0015	.00004	4.9007	-7.1862
#2	-.00244	-.0012	-.00017	5.2521	-5.6944
#3	.00736	-.0026	-.00001	5.0730	-4.0942

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2665.5	28809.	3097.6	13.372	2971.3
Stddev	3.2	52.	29.4	.248	2.0
%RSD	.11908	.18034	.94900	1.8514	.06690

#1	2662.1	28863.	3098.3	13.105	2973.1
#2	2666.2	28802.	3126.6	13.418	2969.2
#3	2668.3	28760.	3067.8	13.593	2971.8

Sample Name: K1512-03 Acquired: 2/19/2019 17:22:36 Type: Unk
Method: P4-ICP2(v2878) 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	-.00082	-.00045	.01075	.00287	-.00129	.06344	.01193	-.00003
Stddev	.00123	.00094	.00085	.00261	.00218	.01599	.00147	.00007
%RSD	148.82	206.53	7.9138	90.993	169.61	25.213	12.328	207.15
#1	-.00156	.00035	.01015	.00197	-.00321	.04523	.01042	-.00011
#2	.00059	-.00023	.01172	.00083	-.00175	.07520	.01336	.00002
#3	-.00151	-.00149	.01037	.00580	.00109	.06989	.01201	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	3.6136	.09583	.00191	.66172	1.7063	.09401	.62072
Stddev	.00010	.1136	.00041	.00014	.00216	.0183	.00009	.05694
%RSD	11.553	3.1434	.42801	7.3447	.32685	1.0705	.09889	9.1731
#1	-.00087	3.4826	.09629	.00200	.65966	1.6860	.09393	.60478
#2	-.00094	3.6736	.09549	.00197	.66397	1.7115	.09411	.57345
#3	-.00075	3.6846	.09572	.00175	.66153	1.7215	.09400	.68393
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6202	.00122	46.812	.00039	.25949	27.905	.00166	1.1286
Stddev	.0126	.00048	1.054	.00005	.00034	.597	.00017	.0251
%RSD	.47964	39.450	2.2507	14.096	.13215	2.1378	9.9324	2.2232
#1	2.6241	.00160	45.635	.00043	.25980	27.229	.00163	1.0998
#2	2.6062	.00136	47.131	.00040	.25912	28.130	.00152	1.1457
#3	2.6304	.00068	47.669	.00032	.25953	28.356	.00184	1.1403
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.814	1.5679	-.00802	.00241	-.00015	.2164	.04081	5.5443
Stddev	.032	.0220	.00081	.00312	.00376	.0013	.00115	.0912
%RSD	.11481	1.4008	10.069	129.54	2464.9	.6218	2.8209	1.6450
#1	27.817	1.5452	-.00736	.00596	-.00217	.2177	.03948	5.5956
#2	27.845	1.5696	-.00892	.00121	.00419	.2150	.04155	5.4390
#3	27.781	1.5890	-.00779	.00007	-.00247	.2164	.04139	5.5984

Sample Name: K1512-03 Acquired: 2/19/2019 17:22:36 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.3212
Stddev	3.7610
%RSD	45.198

#1	7.0097
#2	12.562
#3	5.3915

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2617.1	28325.	3123.4	11.930	2817.4
Stddev	8.9	55.	39.7	1.065	12.5
%RSD	.34137	.19302	1.2723	8.9237	.44372

#1	2608.1	28277.	3167.1	13.078	2807.3
#2	2625.9	28384.	3113.8	11.736	2831.4
#3	2617.2	28314.	3089.4	10.976	2813.4

Sample Name: K1512-03DUP Acquired: 2/19/2019 17:26:56 Type: Unk
Method: P4-ICP2(v2878) 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	-.00301	.00017	.01125	-.00012	-.00291	.07014	.01504	-.00000
Stddev	.00294	.00101	.00056	.00132	.00013	.00900	.00547	.00010
%RSD	97.629	587.28	4.9828	1121.2	4.5527	12.826	36.345	3212.0
#1	-.00632	.00134	.01190	-.00140	-.00298	.06053	.00903	.00009
#2	-.00198	-.00041	.01093	-.00019	-.00276	.07154	.01638	.00001
#3	-.00072	-.00041	.01092	.00123	-.00299	.07836	.01971	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	3.6689	.09799	.00197	.66161	1.7311	.09514	.63797
Stddev	.00006	.0059	.00029	.00016	.00093	.0088	.00027	.03805
%RSD	7.4941	.16004	.29501	8.1909	.13992	.51086	.28048	5.9643
#1	-.00075	3.6621	.09830	.00215	.66074	1.7375	.09544	.62228
#2	-.00084	3.6724	.09773	.00186	.66259	1.7348	.09492	.61027
#3	-.00087	3.6721	.09793	.00189	.66151	1.7210	.09506	.68136
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6261	.00116	47.153	.00029	.25942	28.217	.00138	1.1351
Stddev	.0039	.00023	.114	.00023	.00018	.138	.00032	.0046
%RSD	.14861	19.783	.24093	80.505	.07026	.49023	23.470	.40712
#1	2.6295	.00128	47.245	.00049	.25959	28.284	.00102	1.1403
#2	2.6219	.00089	47.186	.00033	.25945	28.310	.00148	1.1336
#3	2.6271	.00130	47.026	.00004	.25923	28.058	.00164	1.1315
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.764	1.5773	-.00730	.00279	.00298	.2154	.04123	5.6207
Stddev	.030	.0092	.00018	.00067	.00273	.0016	.00021	.1034
%RSD	.10797	.58123	2.5014	24.079	91.538	.7634	.51549	1.8401
#1	27.729	1.5877	-.00722	.00209	.00435	.2161	.04104	5.7125
#2	27.779	1.5707	-.00717	.00343	-.00016	.2165	.04146	5.5086
#3	27.784	1.5733	-.00751	.00286	.00476	.2135	.04119	5.6409

Sample Name: K1512-03DUP Acquired: 2/19/2019 17:26:56 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.2850
Stddev	1.6085
%RSD	25.593

#1	7.2044
#2	4.4277
#3	7.2230

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2626.9	28089.	3120.8	12.315	2825.1
Stddev	7.5	84.	22.5	.913	7.9
%RSD	.28410	.29952	.72241	7.4108	.28132

#1	2620.2	27997.	3102.3	11.995	2817.2
#2	2625.4	28162.	3114.2	11.606	2825.0
#3	2634.9	28107.	3145.9	13.345	2833.1

Sample Name: K1512-03LX5 Acquired: 2/19/2019 17:31:17 Type: Unk
Method: P4-ICP2(v2878) 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	.00008	.00178	.00402	.00203	-.00073	.01713	-.00060	-.00009
Stddev	.00348	.00047	.00017	.00225	.00180	.00866	.01005	.00008
%RSD	4360.6	26.600	4.1286	110.51	247.05	50.586	1670.2	91.681

#1	.00274	.00229	.00421	-.00039	.00049	.02633	.01069	-.00018
#2	.00136	.00169	.00395	.00405	.00012	.01593	-.00855	-.00004
#3	-.00386	.00136	.00390	.00244	-.00279	.00913	-.00395	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	.80231	.02031	.00012	.14117	.38059	.01998	.10767
Stddev	.00005	.05249	.00055	.00020	.00058	.02680	.00007	.04823
%RSD	20.933	6.5425	2.7159	160.25	.41057	7.0420	.33348	44.795

#1	-.00022	.86181	.02065	-.00010	.14173	.40980	.02006	.12600
#2	-.00032	.76256	.02061	.00022	.14057	.35713	.01995	.14405
#3	-.00024	.78256	.01967	.00026	.14121	.37484	.01994	.05296

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54614	.00147	9.8651	.00010	.05229	6.4747	.00002	.26192
Stddev	.00130	.00060	.5871	.00031	.00009	.2526	.00028	.01713
%RSD	.23886	40.719	5.9518	318.53	.17492	3.9006	1358.6	6.5395

#1	.54712	.00127	10.520	.00028	.05219	6.7597	-.00022	.27758
#2	.54663	.00100	9.3854	-.00026	.05237	6.2789	.00033	.24363
#3	.54466	.00214	9.6901	.00027	.05233	6.3854	-.00005	.26454

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6646	.34840	-.00088	.00002	-.00081	.0416	.00870	5.3144
Stddev	.0223	.02513	.00079	.00036	.00233	.0004	.00045	.1393
%RSD	.39310	7.2144	89.562	1515.6	289.31	.8731	5.1801	2.6212

#1	5.6488	.37633	-.00132	-.00038	.00129	.0421	.00922	5.3290
#2	5.6900	.32761	-.00135	.00016	-.00331	.0414	.00847	5.4459
#3	5.6549	.34126	.00003	.00029	-.00040	.0414	.00841	5.1684

Sample Name: K1512-03LX5 Acquired: 2/19/2019 17:31:17 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 2.6220
%RSD 294.92

#1 -2.9650
#2 -1.7597
#3 2.0575

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2670.9	28662.	3046.7	12.687	2960.6
Stddev	6.9	98.	174.8	1.261	4.2
%RSD	.25684	.34185	5.7388	9.9421	.14339

#1	2674.8	28602.	2854.0	12.118	2962.1
#2	2674.9	28608.	3195.3	14.132	2963.8
#3	2663.0	28775.	3090.9	11.810	2955.8

Sample Name: K1512-03MS Acquired: 2/19/2019 17:35:42 Type: Unk
Method: P4-ICP2(v2878) 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	.95889	2.1919	1.1397	2.2744	.97377	2.3354	.24900	.22599
Stddev	.00438	.0084	.0022	.0040	.00278	.0496	.00557	.00045
%RSD	.45629	.38155	.19375	.17790	.28586	2.1248	2.2384	.19881
#1	.95540	2.1857	1.1397	2.2788	.97620	2.3067	.24628	.22586
#2	.95747	2.2014	1.1374	2.2736	.97073	2.3927	.24531	.22562
#3	.96380	2.1885	1.1419	2.2708	.97438	2.3069	.25541	.22649
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21402	5.0341	.57610	.23517	1.0296	5.4993	.33444	3.0910
Stddev	.00049	.0504	.00010	.00046	.0013	.0818	.00077	.1056
%RSD	.23096	1.0021	.01680	.19727	.12991	1.4866	.22887	3.4176
#1	.21413	4.9877	.57621	.23469	1.0299	5.5430	.33356	3.0439
#2	.21445	5.0878	.57603	.23521	1.0282	5.4050	.33496	3.0171
#3	.21348	5.0266	.57606	.23562	1.0308	5.5499	.33479	3.2120
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2409	.08611	52.586	.35629	.47131	40.678	.52622	1.5255
Stddev	.0049	.00041	.699	.00090	.00100	.430	.00066	.0096
%RSD	.15171	.47047	1.3285	.25126	.21318	1.0581	.12588	.62907
#1	3.2368	.08631	53.082	.35585	.47096	40.851	.52607	1.5308
#2	3.2464	.08638	51.787	.35570	.47244	40.188	.52565	1.5144
#3	3.2394	.08564	52.889	.35732	.47053	40.995	.52695	1.5312
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 28.152	2.7308	.80520	.25183	.23765	6.911	.26933	6.1330
Stddev	.100	.0355	.00182	.00250	.00398	.013	.00281	.0694
%RSD	.35652	1.2989	.22602	.99256	1.6736	.1847	1.0428	1.1311
#1	28.070	2.7367	.80367	.24943	.23559	6.901	.26986	6.1257
#2	28.264	2.6928	.80471	.25165	.23513	6.926	.26629	6.2058
#3	28.123	2.7630	.80721	.25442	.24223	6.907	.27183	6.0676

Sample Name: K1512-03MS Acquired: 2/19/2019 17:35:42 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	75.457
Stddev	3.287
%RSD	4.3557

#1	73.844
#2	73.288
#3	79.239

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2599.1	27885.	3012.2	11.661	2797.3
Stddev	8.1	107.	34.0	.690	8.2
%RSD	.30979	.38301	1.1298	5.9141	.29378

#1	2591.9	27959.	2996.4	11.835	2791.9
#2	2597.8	27762.	3051.2	12.247	2793.3
#3	2607.8	27932.	2988.9	10.901	2806.8

Sample Name: K1512-03MSD Acquired: 2/19/2019 17:39:45 Type: Unk
Method: P4-ICP2(v2878) 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	.96272	2.1887	1.1396	2.2640	.97575	2.3442	.25096	.22637
Stddev	.00452	.0062	.0007	.0101	.00283	.0334	.00527	.00041
%RSD	.46900	.28123	.06186	.44480	.28994	1.4258	2.1003	.18163
#1	.96431	2.1820	1.1392	2.2728	.97802	2.3095	.25535	.22644
#2	.96622	2.1903	1.1404	2.2530	.97664	2.3468	.24511	.22675
#3	.95762	2.1940	1.1392	2.2661	.97258	2.3762	.25241	.22593
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21402	5.0256	.57561	.23533	1.0308	5.4680	.33495	3.1456
Stddev	.00058	.0239	.00334	.00027	.0018	.0478	.00079	.0083
%RSD	.26905	.47607	.58089	.11308	.17319	.87454	.23549	.26286
#1	.21465	5.0127	.57176	.23503	1.0322	5.5174	.33414	3.1365
#2	.21352	5.0109	.57778	.23545	1.0314	5.4646	.33498	3.1475
#3	.21388	5.0532	.57730	.23552	1.0288	5.4219	.33572	3.1527
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2420	.08581	52.575	.35732	.47193	40.583	.52549	1.5317
Stddev	.0092	.00152	.529	.00139	.00107	.290	.00048	.0056
%RSD	.28308	1.7724	1.0062	.38983	.22588	.71456	.09196	.36709
#1	3.2510	.08442	53.185	.35611	.47256	40.918	.52494	1.5257
#2	3.2326	.08557	52.303	.35885	.47069	40.406	.52570	1.5368
#3	3.2424	.08744	52.237	.35701	.47252	40.425	.52585	1.5326
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 28.071	2.7309	.80392	.25255	.24134	6.907	.26877	6.0741
Stddev	.104	.0241	.00094	.00227	.00178	.017	.00185	.0427
%RSD	.37175	.88190	.11671	.89847	.73793	.2521	.68771	.70212
#1	28.191	2.7586	.80298	.25479	.23934	6.923	.27070	6.1210
#2	28.015	2.7200	.80393	.25262	.24194	6.888	.26859	6.0377
#3	28.006	2.7143	.80485	.25025	.24274	6.910	.26701	6.0635

Sample Name: K1512-03MSD Acquired: 2/19/2019 17:39:45 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	74.417
Stddev	.563
%RSD	.75629

#1	75.044
#2	74.252
#3	73.955

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2600.1	28036.	3037.1	12.404	2797.6
Stddev	6.4	26.	32.4	.547	3.9
%RSD	.24644	.09379	1.0676	4.4081	.13850

#1	2596.0	28053.	3000.3	12.951	2793.3
#2	2596.8	28049.	3049.7	12.402	2798.8
#3	2607.5	28005.	3061.3	11.858	2800.8

Sample Name: K1512-03A Acquired: 2/19/2019 17:43:47 Type: Unk
Method: P4-ICP2(v2878) 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	.96267	2.1873	1.1445	2.2804	.97586	2.3605	.24738	.22681
Stddev	.00313	.0063	.0030	.0033	.00277	.0372	.00196	.00047
%RSD	.32503	.28697	.26430	.14574	.28387	1.5750	.79264	.20903
#1	.96054	2.1827	1.1441	2.2816	.97884	2.3278	.24680	.22657
#2	.96626	2.1847	1.1417	2.2830	.97337	2.4009	.24957	.22736
#3	.96121	2.1945	1.1477	2.2767	.97536	2.3527	.24578	.22651
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21395	5.0191	.57426	.23501	1.0302	5.4643	.33476	3.0814
Stddev	.00050	.0394	.00151	.00057	.0021	.0744	.00084	.0495
%RSD	.23409	.78551	.26296	.24455	.20818	1.3616	.25157	1.6072
#1	.21445	5.0161	.57372	.23565	1.0325	5.4975	.33549	3.0408
#2	.21345	4.9812	.57596	.23455	1.0299	5.3791	.33496	3.1366
#3	.21395	5.0599	.57309	.23482	1.0283	5.5163	.33384	3.0668
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2419	.08541	52.695	.35693	.47321	40.493	.52464	1.5316
Stddev	.0063	.00084	.780	.00017	.00142	.514	.00209	.0176
%RSD	.19512	.97782	1.4802	.04819	.30030	1.2703	.39881	1.1516
#1	3.2457	.08635	52.984	.35710	.47462	40.541	.52663	1.5337
#2	3.2455	.08514	51.812	.35676	.47323	39.957	.52482	1.5130
#3	3.2346	.08474	53.290	.35692	.47177	40.983	.52246	1.5480
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 28.157	2.7205	.80681	.25220	.24231	6.914	.26904	6.1702
Stddev	.032	.0290	.00322	.00328	.00532	.019	.00379	.0772
%RSD	.11358	1.0668	.39849	1.3020	2.1945	.2795	1.4103	1.2514
#1	28.121	2.7316	.80375	.25123	.24646	6.924	.27170	6.1784
#2	28.182	2.6875	.81016	.24951	.23631	6.927	.26469	6.0892
#3	28.167	2.7422	.80652	.25586	.24415	6.892	.27072	6.2430

Sample Name: K1512-03A Acquired: 2/19/2019 17:43:47 Type: Unk
 Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	76.768
Stddev	2.630
%RSD	3.4256

#1	79.245
#2	74.008
#3	77.050

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2599.9	28014.	3037.1	12.925	2795.6
Stddev	14.3	109.	39.2	1.070	12.5
%RSD	.55021	.39061	1.2902	8.2774	.44675

#1	2588.0	27973.	3013.8	12.179	2784.6
#2	2595.9	27932.	3082.4	12.445	2793.1
#3	2615.8	28138.	3015.2	14.151	2809.2

Sample Name: K1404-01 Acquired: 2/19/2019 17:47:49 Type: Unk
Method: P4-ICP2(v2878) 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	.00042	.00401	.00033	-.00131	-.00148	-.01824	-.01999
Stddev	.00198	.00011	.00119	.00289	.00136	.01301	.00405
%RSD	468.02	2.6356	361.82	219.84	91.280	71.335	20.265

#1	.00178	.00409	.00097	-.00370	-.00213	-.00578	-.02070
#2	-.00185	.00405	.00106	-.00214	-.00240	-.01721	-.01563
#3	.00133	.00389	-.00104	.00190	.00007	-.03174	-.02364

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00011	.02484	.00005	-.00018	-.00037	.00339
Stddev	.00012	.00009	.00806	.00018	.00008	.00014	.00164
%RSD	495.78	81.799	32.462	352.13	44.239	36.961	48.382

#1	.00012	.00021	.01596	.00026	-.00010	-.00043	.00149
#2	-.00012	.00004	.03169	-.00010	-.00026	-.00021	.00432
#3	.00007	.00007	.02687	-.00000	-.00019	-.00046	.00435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.03244	.00042	.00090	-.13127	-.00053	.00789
Stddev	.00007	.02419	.00019	.00061	.02737	.00039	.00005
%RSD	40.382	74.562	44.905	67.548	20.849	73.588	.57500

#1	.00018	-.04746	.00025	.00021	-.13545	-.00016	.00792
#2	.00010	-.04532	.00038	.00134	-.10205	-.00094	.00784
#3	.00024	-.00454	.00062	.00114	-.15631	-.00049	.00791

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32782	-.00041	.00854	-.04960	.00003	-.00051	-.00001
Stddev	.04480	.00048	.00146	.01044	.00163	.00047	.00104
%RSD	13.667	116.74	17.141	21.046	6413.9	93.056	10552.

#1	.32209	-.00050	.00685	-.03856	-.00109	-.00076	-.00007
#2	.28615	.00011	.00941	-.05092	.00190	-.00080	.00107
#3	.37520	-.00084	.00936	-.05932	-.00073	.00004	-.00102

Sample Name: K1404-01 Acquired: 2/19/2019 17:47:49 Type: Unk
Method: P4-ICP2(v2878) 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	-.01239	-.0020	.00000	3.4406	F<.00000
Stddev	.00184	.0003	.00006	.5023	5.2538
%RSD	14.828	13.08	1577.4	14.598	91.992

#1	-.01029	-.0017	-.00002	3.8534	-.21264
#2	-.01366	-.0023	.00007	3.5872	-6.2407
#3	-.01323	-.0021	-.00003	2.8814	-10.680

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2913.2	31944.	3342.6	13.624	3338.9
Stddev	4.3	764.	34.5	.751	11.3
%RSD	.14925	2.3910	1.0311	5.5093	.33761

#1	2916.9	31417.	3328.3	14.357	3351.7
#2	2908.4	31595.	3317.6	13.659	3334.4
#3	2914.2	32820.	3381.9	12.857	3330.6

Sample Name: CCV06 Acquired: 2/19/2019 17:52:16 Type: Unk
Method: P4-ICP2(v2878) 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	5.3572	4.8697	5.0609	5.1202	5.2808	9.8506	9.4646
Stddev	.0197	.0146	.0008	.0211	.0110	.0127	.0664
%RSD	.36708	.29900	.01561	.41228	.20853	.12906	.70100

#1	5.3401	4.8724	5.0617	5.1096	5.2797	9.8360	9.3918
#2	5.3787	4.8827	5.0601	5.1445	5.2923	9.8565	9.5217
#3	5.3528	4.8540	5.0611	5.1065	5.2704	9.8593	9.4802

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25286	2.4152	24.209	.99093	2.5141	1.2528	5.0063
Stddev	.00047	.0030	.147	.00220	.0040	.0029	.0374
%RSD	.18467	.12242	.60858	.22250	.15790	.23477	.74624

#1	.25255	2.4127	24.074	.99288	2.5098	1.2514	4.9660
#2	.25339	2.4185	24.366	.98854	2.5177	1.2562	5.0398
#3	.25263	2.4145	24.186	.99137	2.5146	1.2508	5.0130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5172	25.373	2.3644	1.3252	24.244	2.4884	2.5883
Stddev	.0017	.131	.0021	.0038	.193	.0015	.0019
%RSD	.06910	.51483	.08717	.28899	.79475	.06167	.07447

#1	2.5192	25.244	2.3662	1.3290	24.021	2.4880	2.5875
#2	2.5163	25.505	2.3649	1.3252	24.362	2.4901	2.5905
#3	2.5161	25.371	2.3622	1.3213	24.348	2.4872	2.5869

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.949	5.2953	4.5080	4.9362	4.9013	4.9442	5.0619
Stddev	.216	.0106	.0158	.0344	.0264	.0072	.0246
%RSD	.90062	.20070	.34948	.69728	.53822	.14613	.48514

#1	23.703	5.2870	4.4996	4.9567	4.8728	4.9408	5.0338
#2	24.103	5.3073	4.5261	4.9554	4.9249	4.9393	5.0727
#3	24.043	5.2916	4.4981	4.8965	4.9062	4.9525	5.0792

Sample Name: CCV06 Acquired: 2/19/2019 17:52:16 Type: Unk
 Method: P4-ICP2(v2878) 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	4.7302	5.211	4.9728	F 6.4477	F<.00000
Stddev	.0363	.007	.0506	.0847	2.3267
%RSD	.76821	.1409	1.0175	1.3141	106.24
#1	4.6883	5.214	4.9156	6.4967	-2.0292
#2	4.7537	5.217	5.0115	6.3499	-4.5929
#3	4.7485	5.203	4.9915	6.4966	.05211
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2557.8	27436.	3039.9	12.403	2640.4
Stddev	2.2	34.	20.2	.946	.9
%RSD	.08725	.12298	.66542	7.6312	.03257
#1	2556.1	27465.	3063.1	12.761	2640.2
#2	2557.0	27446.	3026.2	11.330	2639.7
#3	2560.4	27399.	3030.4	13.118	2641.3

Sample Name: CCB06 Acquired: 2/19/2019 17:56:15 Type: Unk
Method: P4-ICP2(v2878) 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	.00126	.00059	.00257	.00168	-.00027	-.02070	-.00357
Stddev	.00220	.00140	.00087	.00118	.00031	.01208	.00248
%RSD	175.15	236.37	34.082	70.126	113.81	58.357	69.437

#1	-.00078	.00177	.00216	.00044	.00007	-.00895	-.00578
#2	.00359	.00095	.00357	.00278	-.00035	-.03308	-.00089
#3	.00096	-.00095	.00197	.00181	-.00053	-.02007	-.00405

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00004	-.00071	.00055	-.00017	-.00061	.00211
Stddev	.00005	.00006	.00896	.00007	.00011	.00029	.00162
%RSD	72.434	157.01	1262.8	13.382	64.115	47.440	76.869

#1	.00007	-.00001	-.01089	.00049	-.00027	-.00081	.00273
#2	.00002	.00010	.00596	.00063	-.00006	-.00028	.00027
#3	.00012	.00002	.00280	.00053	-.00018	-.00074	.00332

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00507	-.00071	.00085	-.06079	-.00040	.00062
Stddev	.00008	.02705	.00061	.00063	.00840	.00024	.00002
%RSD	303.65	533.83	86.397	74.422	13.816	60.103	3.5713

#1	.00002	-.02276	-.00119	.00157	-.06927	-.00030	.00060
#2	.00001	.03128	-.00091	.00061	-.05247	-.00068	.00063
#3	-.00012	.00668	-.00002	.00038	-.06064	-.00023	.00064

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36084	-.00006	.01765	F .01389	.00775	.00074	-.00103
Stddev	.02382	.00019	.01289	.00763	.00203	.00075	.00050
%RSD	6.6010	346.99	73.054	54.904	26.173	101.18	48.815

#1	.37356	.00013	.03191	.02192	.00985	.00066	-.00052
#2	.37560	-.00026	.01423	.01300	.00759	.00153	-.00103
#3	.33336	-.00003	.00681	.00675	.00580	.00004	-.00152

Sample Name: CCB06 Acquired: 2/19/2019 17:56:15 Type: Unk
 Method: P4-ICP2(v2878) 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	-0.00595	-0.0031	-0.00000	F 5.2845	F<.00000
Stddev	.00229	.0013	.00007	.0889	3.0826
%RSD	38.433	43.19	2968.2	1.6816	79.826

#1	-0.00398	-0.0027	.00008	5.3172	-2.2299
#2	-0.00845	-0.0020	-0.00002	5.1839	-7.4172
#3	-0.00541	-0.0046	-0.00006	5.3524	-1.9379

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2674.4	28713.	3063.1	13.511	2977.6
Stddev	7.6	130.	7.8	1.041	1.8
%RSD	.28576	.45425	.25424	7.7044	.06082

#1	2682.3	28563.	3071.2	14.550	2977.9
#2	2674.1	28775.	3062.6	13.514	2979.3
#3	2667.0	28800.	3055.6	12.468	2975.7

Sample Name: K1512-04 Acquired: 2/19/2019 18:00:42 Type: Unk
Method: P4-ICP2(v2878) 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	-0.08510	2.5845	F -106.43	-.30186	F -3.8180	21.659	1.3289
Stddev	.00579	.3431	10.70	.01372	.2060	.174	.0206
%RSD	6.8087	13.276	10.056	4.5468	5.3946	.80119	1.5487

#1	-0.07862	2.3251	-98.332	-.28654	-3.6625	21.846	1.3486
#2	-.08977	2.9735	-118.57	-.31305	-4.0516	21.503	1.3075
#3	-.08692	2.4547	-102.40	-.30598	-3.7400	21.628	1.3305

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01058	^ *****	57.423	F 21.781	F -9.5517	F 254.50	758.79
Stddev	.00037	-----	.566	.047	1.0232	9.40	9.23
%RSD	3.5148	-----	.98479	.21724	10.712	3.6927	1.2168

#1	.01028	^ -----	57.656	21.804	-8.8169	262.11	765.83
#2	.01046	^ -----	56.778	21.727	-10.720	244.00	748.33
#3	.01100	^ -----	57.835	21.813	-9.1178	257.40	762.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6664	21.394	F -20196.	-.18134	F 2501.3	.09601	F -835.03
Stddev	.0099	.265	2076.	.00015	15.1	.00009	85.81
%RSD	.11421	1.2368	10.280	.08189	.60466	.09314	10.277

#1	8.6754	21.572	-18618.	-.18151	2518.7	.09603	-770.66
#2	8.6680	21.090	-22548.	-.18129	2493.8	.09609	-932.45
#3	8.6558	21.520	-19421.	-.18123	2491.4	.09592	-801.97

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1688.0	.33269	F 67.092	F -47276.	F 75.743	F 15.732	F -14.021
Stddev	30.7	.00189	.732	4859.	.721	1.580	1.329
%RSD	1.8206	.56762	1.0914	10.277	.95193	10.043	9.4819

#1	1723.5	.33116	67.625	-43602.	76.378	14.548	-13.013
#2	1670.6	.33480	66.257	-52785.	74.959	17.526	-15.527
#3	1669.9	.33211	67.393	-45440.	75.892	15.123	-13.522

Sample Name: K1512-04 Acquired: 2/19/2019 18:00:42 Type: Unk
Method: P4-ICP2(v2878) 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	.15647	F -4578.	-.16562	<.00000	F 16041.
Stddev	.00293	472.	.00429	.27299	97.
%RSD	1.8735	10.31	2.5878	4.4605	.60514
#1	.15310	-4221.	-.16974	-6.4206	16101.
#2	.15845	-5113.	-.16119	-5.8874	15929.
#3	.15787	-4399.	-.16592	-6.0525	16093.
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1889.6	19793.	2794.4	-38.802	-88.072
Stddev	1.0	30.	22.1	4.224	8.647
%RSD	.05075	.15260	.78947	10.886	9.8177
#1	1890.1	19787.	2777.3	-41.165	-94.856
#2	1890.1	19826.	2819.3	-41.314	-78.336
#3	1888.5	19767.	2786.7	-33.925	-91.024

Sample Name: K1512-05 Acquired: 2/19/2019 18:05:39 Type: Unk
Method: P4-ICP2(v2878) 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	kF -2.3091	s .11166	sF -42.675	kF -13.979	kF -44.855	k 50.696	9.2765
Stddev	1.1165	.00391	9.278	5.603	15.267	20.406	.1214
%RSD	48.351	3.4987	21.741	40.083	34.037	40.252	1.3092

#1	k -3.5983	s .11424	s -31.968	k -20.448	k -62.484	k 74.258	9.3232
#2	-1.6709	.11357	-48.352	-10.647	-36.040	38.673	9.3677
#3	-1.6582	.10716	-47.706	-10.842	-36.041	39.158	9.1387

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00815	^ *****	k 461.78	kF 159.62	sF -7.3776	kF 48480.	k 702.13
Stddev	.00051	-----	7.14	.50	1.3434	18662.	36.62
%RSD	6.2157	-----	1.5462	.31184	18.209	38.493	5.2150

#1	.00873	^ -----	k 465.98	k 159.99	s -8.9270	k 70027.	k 742.45
#2	.00790	^ -----	465.81	159.06	-6.6696	37892.	693.00
#3	.00781	^ -----	453.53	159.82	-6.5364	37521.	670.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.394	87.910	sF -1134.1	k -.19290	203.99	k -.01788	sF -126.40
Stddev	.072	1.313	208.7	.04949	2.35	.32072	5.68
%RSD	.33590	1.4935	18.405	25.657	1.1517	1794.2	4.4902

#1	21.438	88.447	s -1374.8	k -.24993	204.73	k -.38820	s -119.92
#2	21.311	88.869	-1025.5	-.16119	205.89	.16549	-130.48
#3	21.433	86.413	-1002.1	-.16758	201.36	.16909	-128.82

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	447.34	3.5920	kF 13.882	sF -145.96	kF 440.01	s -.50064	kF -3.7563
Stddev	6.16	1.3676	.641	26.65	6.33	.12226	.3648
%RSD	1.3781	38.074	4.6194	18.257	1.4384	24.420	9.7119

#1	450.16	5.1711	k 13.169	s -176.67	k 439.35	s -.64176	k -3.3368
#2	451.59	2.8172	14.411	-132.30	446.64	-.43337	-3.9990
#3	440.27	2.7877	14.065	-128.91	434.03	-.42679	-3.9331

Sample Name: K1512-05 Acquired: 2/19/2019 18:05:39 Type: Unk
Method: P4-ICP2(v2878) 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	.14280	sF -345.7	k 2.7657	<.00000	F 20351.
Stddev	.00321	63.0	.4458	.02315	60.
%RSD	2.2464	18.23	16.118	.28080	.29250
#1	.14039	s -418.4	k 3.2791	-8.2725	20304.
#2	.14644	-312.5	2.5406	-8.2324	20330.
#3	.14158	-306.1	2.4773	-8.2324	20418.
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	88.565	21632.	2808.1	-117.46	^ *****
Stddev	27.649	72.	34.4	.80	-----
%RSD	31.219	.33073	1.2237	.67921	-----
#1	56.641	21589.	2790.1	-116.54	^ -----
#2	104.15	21714.	2786.4	-118.02	-1906.0
#3	104.90	21592.	2847.7	-117.81	-1941.8

Sample Name: K1512-06 Acquired: 2/19/2019 18:10:50 Type: Unk
Method: P4-ICP2(v2878) 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	.13394	F -1.4702	F 339.76	-.03102	2.8736	31.466	1.3939
Stddev	.00915	.3604	107.90	.00604	1.3569	.021	.0245
%RSD	6.8312	24.515	31.758	19.473	47.220	.06670	1.7597

#1	.13826	-1.7447	438.87	-.03058	4.1184	31.489	1.4015
#2	.12343	-1.0621	224.82	-.02521	1.4271	31.459	1.4137
#3	.14013	-1.6039	355.60	-.03726	3.0753	31.449	1.3664

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00375	^ *****	26.535	F 98.896	F 24.121	F 564.92	489.77
Stddev	.00026	-----	.231	.443	7.695	64.09	9.48
%RSD	6.9570	-----	.86910	.44793	31.902	11.345	1.9349

#1	-.00388	^ -----	26.511	98.949	31.201	623.93	499.89
#2	-.00391	^ -----	26.777	99.309	15.931	496.73	488.31
#3	-.00345	^ -----	26.317	98.428	25.230	574.11	481.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5816	11.564	F 40177.	.35208	46.226	.11432	F 3143.3
Stddev	.0180	.075	12731.	.00750	.679	.00574	996.4
%RSD	.20970	.65130	31.687	2.1316	1.4694	5.0219	31.699

#1	8.5939	11.591	51875.	.35998	46.392	.10975	4072.6
#2	8.5899	11.623	26618.	.34505	46.807	.12076	2091.2
#3	8.5609	11.479	42038.	.35120	45.479	.11245	3266.2

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	58.430	.08060	9.6526	F 4293.3	F 288.32	F 18.360	F 24.494
Stddev	.723	.00116	.0944	1365.6	5.74	5.831	8.148
%RSD	1.2376	1.4373	.97810	31.808	1.9892	31.757	33.265

#1	58.640	.08035	9.6301	5553.3	289.57	23.641	31.980
#2	59.025	.07958	9.7562	2842.2	293.33	12.103	15.816
#3	57.625	.08186	9.5715	4484.4	282.06	19.336	25.685

Sample Name: K1512-06 Acquired: 2/19/2019 18:10:50 Type: Unk
Method: P4-ICP2(v2878) 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	.02451	F 5625.	-.13632	1.7646	F 7006.9
Stddev	.00205	1780.	.00911	.0959	27.7
%RSD	8.3601	31.64	6.6813	5.4319	.39494
#1	.02548	7259.	-.14669	1.8649	7004.7
#2	.02589	3729.	-.12964	1.6739	7035.6
#3	.02216	5887.	-.13262	1.7549	6980.4
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2295.6	25773.	3159.2	-60.802	58.987
Stddev	4.0	88.	59.7	4.958	20.860
%RSD	.17637	.34118	1.8903	8.1541	35.363
#1	2291.3	25692.	3143.0	-60.622	42.283
#2	2299.4	25761.	3109.3	-55.937	82.368
#3	2296.1	25866.	3225.4	-65.848	52.311

Sample Name: K1512-07 Acquired: 2/19/2019 18:20:31 Type: Unk
Method: P4-ICP2(v2878) 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	-.00498	-.00113	.01624	.00773	-.00687	.03963	.11633
Stddev	.00173	.00249	.00031	.00295	.00086	.02076	.00778
%RSD	34.729	219.32	1.9340	38.149	12.465	52.377	6.6875

#1	-.00484	.00148	.01658	.00494	-.00588	.06213	.10901
#2	-.00677	-.00347	.01618	.00743	-.00735	.03552	.11547
#3	-.00332	-.00141	.01596	.01082	-.00737	.02123	.12450

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00080	10.779	.04313	.00897	.22434	.55655
Stddev	.00003	.00007	.125	.00034	.00019	.00040	.00637
%RSD	1032.8	8.6744	1.1612	.79439	2.1744	.17624	1.1447

#1	.00004	-.00074	10.669	.04337	.00874	.22449	.54926
#2	-.00001	-.00088	10.752	.04274	.00906	.22464	.55937
#3	-.00002	-.00077	10.915	.04328	.00910	.22389	.56103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47481	3.8880	1.5338	.00261	1770.6	.00142	.09478
Stddev	.00201	.0666	.0046	.00047	32.3	.00034	.00022
%RSD	.42341	1.7125	.30098	17.894	1.8252	23.733	.23574

#1	.47659	3.9622	1.5386	.00211	1774.9	.00158	.09495
#2	.47263	3.8336	1.5333	.00303	1800.5	.00165	.09486
#3	.47521	3.8680	1.5294	.00271	1736.3	.00103	.09452

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1011.0	.00520	F 45.124	F 1756.3	F 11.246	-.65276	.00229
Stddev	15.9	.00048	.348	3.6	.110	.00159	.00130
%RSD	1.5731	9.2301	.77175	.20405	.97999	.24308	56.598

#1	992.78	.00475	44.911	1760.1	11.124	-.65429	.00095
#2	1018.3	.00571	44.936	1755.8	11.275	-.65286	.00239
#3	1022.0	.00514	45.526	1753.0	11.339	-.65113	.00353

Sample Name: K1512-07 Acquired: 2/19/2019 18:20:31 Type: Unk
 Method: P4-ICP2(v2878) 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	.14592	6.259	.13296	9.0123	F<.00000
Stddev	.00913	.017	.00086	.1902	4.1529
%RSD	6.2552	.2722	.65006	2.1105	9.5798

#1	.13607	6.278	.13208	9.2070	-40.207
#2	.14762	6.251	.13301	8.8269	-48.059
#3	.15409	6.246	.13381	9.0031	-41.788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2164.0	22022.	2842.6	12.080	2095.5
Stddev	10.6	156.	13.6	1.278	7.7
%RSD	.49061	.70812	.47980	10.577	.36707

#1	2154.1	21842.	2856.2	11.693	2089.3
#2	2162.9	22106.	2842.7	11.041	2093.1
#3	2175.2	22117.	2828.9	13.507	2104.1

Sample Name: K1512-08 Acquired: 2/19/2019 18:25:06 Type: Unk
Method: P4-ICP2(v2878) 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	.00027	-.00140	.01048	.00128	-.00275	.01213	.05190
Stddev	.00207	.00184	.00064	.00351	.00108	.00937	.00632
%RSD	761.90	131.66	6.1130	273.47	39.214	77.249	12.186

#1	.00262	.00043	.01115	.00529	-.00327	.01125	.05813
#2	-.00055	-.00138	.01042	-.00121	-.00348	.02190	.05210
#3	-.00126	-.00325	.00987	-.00023	-.00151	.00323	.04548

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00040	5.5281	.01093	.00161	.65431	.52244
Stddev	.00007	.00008	.0155	.00030	.00014	.00149	.00293
%RSD	320.40	19.667	.28083	2.7537	8.7224	.22758	.56114

#1	-.00005	-.00034	5.5103	.01089	.00145	.65326	.52228
#2	-.00007	-.00049	5.5355	.01065	.00167	.65365	.51959
#3	.00006	-.00038	5.5386	.01125	.00172	.65601	.52545

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08494	.91151	1.0923	.00091	152.24	.00078	.10457
Stddev	.00048	.04981	.0025	.00007	.54	.00054	.00032
%RSD	.56994	5.4647	.23106	7.2661	.35535	69.325	.30671

#1	.08518	.85686	1.0917	.00098	151.97	.00026	.10476
#2	.08439	.95437	1.0951	.00085	151.89	.00134	.10476
#3	.08526	.92329	1.0901	.00090	152.86	.00075	.10420

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	92.207	.00590	3.7231	F 109.75	2.1135	-.03851	.00122
Stddev	.150	.00018	.0322	.06	.0052	.00038	.00430
%RSD	.16275	2.9933	.86439	.05571	.24721	.98671	352.54

#1	92.148	.00579	3.6935	109.80	2.1154	-.03865	.00571
#2	92.378	.00580	3.7184	109.68	2.1076	-.03879	-.00287
#3	92.096	.00610	3.7574	109.76	2.1174	-.03808	.00082

Sample Name: K1512-08 Acquired: 2/19/2019 18:25:06 Type: Unk
Method: P4-ICP2(v2878) 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	.03396	.5611	.07260	6.5653	F<.00000
Stddev	.00127	.0001	.00049	.0706	3.4352
%RSD	3.7413	.0241	.67119	1.0747	25.471

#1	.03465	.5610	.07215	6.5923	-16.228
#2	.03474	.5609	.07254	6.6185	-14.599
#3	.03250	.5612	.07312	6.4853	-9.6333

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2558.2	26910.	3002.2	12.187	2676.0
Stddev	11.3	90.	15.2	.439	14.9
%RSD	.44365	.33326	.50656	3.6016	.55731

#1	2570.7	26838.	2995.4	12.686	2689.2
#2	2548.5	26881.	2991.6	12.012	2659.8
#3	2555.4	27010.	3019.6	11.862	2678.9

Sample Name: K1512-09 Acquired: 2/19/2019 18:29:27 Type: Unk
Method: P4-ICP2(v2878) 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	-.00041	.00387	.00355	.00028	-.00868	.00925
Stddev	.00322	.00121	.00173	.00286	.00088	.00634	.00625
%RSD	383.52	297.97	44.585	80.476	310.74	73.030	67.586

#1	.00114	-.00044	.00337	.00506	.00129	-.01591	.01605
#2	-.00456	.00082	.00245	.00025	-.00033	-.00600	.00796
#3	.00090	-.00161	.00579	.00533	-.00011	-.00412	.00375

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00033	3.6146	.00452	.00095	.18054	.21420
Stddev	.00005	.00009	.0223	.00045	.00021	.00087	.00133
%RSD	133.76	28.764	.61840	10.008	21.823	.48423	.61956

#1	-.00006	-.00041	3.5902	.00402	.00074	.18146	.21551
#2	.00002	-.00022	3.6340	.00491	.00096	.17972	.21286
#3	-.00007	-.00035	3.6198	.00464	.00115	.18044	.21423

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07795	.60886	.92017	.00105	44.316	.00021	.07855
Stddev	.00027	.03680	.00214	.00044	.244	.00049	.00013
%RSD	.34400	6.0439	.23268	42.060	.55078	227.00	.16701

#1	.07812	.62362	.92170	.00077	44.507	.00011	.07868
#2	.07764	.56697	.91772	.00156	44.041	.00075	.07842
#3	.07809	.63598	.92109	.00082	44.399	-.00021	.07854

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.819	.00157	1.1592	F 26.459	1.2029	-.00834	-.00164
Stddev	.219	.00029	.0125	.075	.0123	.00043	.00160
%RSD	.78670	18.570	1.0756	.28534	1.0213	5.2176	97.295

#1	28.015	.00151	1.1448	26.545	1.2163	-.00825	-.00330
#2	27.583	.00132	1.1677	26.431	1.1922	-.00881	-.00012
#3	27.860	.00189	1.1649	26.402	1.2002	-.00795	-.00150

Sample Name: K1512-09 Acquired: 2/19/2019 18:29:27 Type: Unk
 Method: P4-ICP2(v2878) 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	.01523	.0501	.04231	5.9990	F<.00000
Stddev	.00114	.0019	.00040	.1234	5.4317
%RSD	7.5100	3.827	.95182	2.0575	41.156
#1	.01435	.0520	.04190	5.9757	-10.121
#2	.01652	.0502	.04270	6.1324	-19.469
#3	.01481	.0481	.04232	5.8889	-10.003
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2639.2	27958.	3073.1	12.860	2844.9
Stddev	11.3	64.	28.0	.948	14.7
%RSD	.42894	.22717	.91039	7.3751	.51600
#1	2626.3	27949.	3046.7	11.765	2828.0
#2	2644.1	27899.	3102.4	13.374	2854.0
#3	2647.3	28025.	3070.1	13.440	2852.7

Sample Name: K1512-10 Acquired: 2/19/2019 18:33:48 Type: Unk
Method: P4-ICP2(v2878) 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	-.00357	-.00703	.13607	-.00170	-.04565	.03070	.02582
Stddev	.00126	.00166	.00270	.00269	.00301	.01080	.00269
%RSD	35.204	23.694	1.9840	158.31	6.5900	35.189	10.425

#1	-.00404	-.00742	.13908	-.00029	-.04736	.02126	.02701
#2	-.00215	-.00520	.13527	-.00000	-.04218	.04248	.02772
#3	-.00452	-.00846	.13386	-.00480	-.04742	.02835	.02274

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.01451	12.837	.04140	.01122	31.165	.19629
Stddev	.00012	.00011	.117	.00097	.00011	.031	.00437
%RSD	352.07	.73528	.91454	2.3447	1.0007	.09903	2.2273

#1	.00013	-.01462	12.707	.04193	.01111	31.133	.19124
#2	-.00010	-.01450	12.869	.04200	.01133	31.195	.19883
#3	.00008	-.01441	12.935	.04028	.01122	31.166	.19879

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40174	5.1273	F 50.028	.00468	F 2260.0	.00349	.17069
Stddev	.00095	.0347	.051	.00094	42.7	.00096	.00061
%RSD	.23645	.67681	.10264	20.174	1.8881	27.571	.35922

#1	.40234	5.0939	50.013	.00363	2306.4	.00242	.17130
#2	.40064	5.1249	49.986	.00546	2251.2	.00429	.17007
#3	.40223	5.1631	50.085	.00495	2222.5	.00377	.17071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1412.3	.05220	F 63.202	F 2374.2	F 14.292	-.88641	-.00164
Stddev	11.0	.00016	.398	4.5	.095	.00088	.00140
%RSD	.77573	.30715	.62898	.18903	.66696	.09961	85.281

#1	1407.7	.05227	63.625	2379.2	14.202	-.88626	-.00075
#2	1424.8	.05202	62.836	2372.7	14.282	-.88561	-.00326
#3	1404.5	.05232	63.145	2370.6	14.392	-.88735	-.00092

Sample Name: K1512-10 Acquired: 2/19/2019 18:33:48 Type: Unk
 Method: P4-ICP2(v2878) 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	.18585	1.968	.12401	9.9190	F<.00000
Stddev	.01150	.011	.00034	.0500	4.0452
%RSD	6.1881	.5407	.27407	.50403	7.2244
#1	.17454	1.980	.12422	9.9464	-54.501
#2	.18549	1.963	.12362	9.8613	-60.572
#3	.19753	1.961	.12420	9.9493	-52.906
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2039.8	20766.	2755.0	10.527	1908.0
Stddev	7.0	97.	4.2	1.648	6.9
%RSD	.34255	.46537	.15078	15.650	.36117
#1	2033.0	20663.	2759.7	10.591	1900.1
#2	2039.5	20781.	2753.5	12.141	1911.6
#3	2047.0	20855.	2751.8	8.8480	1912.3

Sample Name: K1512-11 Acquired: 2/19/2019 18:38:22 Type: Unk
Method: P4-ICP2(v2878) 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	-.00238	-.00155	.01616	.00244	-.00223	.02253	.03887
Stddev	.00172	.00048	.00040	.00311	.00157	.01410	.00093
%RSD	72.371	30.756	2.4701	127.73	70.670	62.583	2.3954

#1	-.00140	-.00109	.01587	.00563	-.00055	.01909	.03827
#2	-.00136	-.00204	.01662	-.00059	-.00368	.01047	.03994
#3	-.00436	-.00151	.01600	.00227	-.00245	.03804	.03839

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00063	23.259	.00073	.00404	3.2198	.00424
Stddev	.00010	.00010	.172	.00029	.00013	.0157	.00053
%RSD	228.14	16.525	.73955	39.474	3.2688	.48774	12.429

#1	-.00007	-.00068	23.148	.00073	.00389	3.2170	.00394
#2	.00013	-.00070	23.458	.00102	.00414	3.2367	.00485
#3	.00007	-.00051	23.173	.00044	.00410	3.2057	.00393

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13420	2.3903	1.7636	.00129	177.24	.00013	.05822
Stddev	.00069	.0476	.0057	.00021	2.45	.00042	.00014
%RSD	.51374	1.9924	.32377	16.001	1.3814	319.95	.23613

#1	.13385	2.3410	1.7641	.00106	174.46	.00058	.05835
#2	.13500	2.3940	1.7690	.00137	179.08	-.00025	.05824
#3	.13376	2.4360	1.7576	.00145	178.18	.00006	.05808

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	119.88	.01942	4.5914	F 122.55	5.3916	-.04340	-.00039
Stddev	1.18	.00045	.0078	.13	.0817	.00027	.00189
%RSD	.98016	2.2995	.16970	.10751	1.5145	.61602	484.79

#1	118.61	.01940	4.5875	122.69	5.3297	-.04364	-.00052
#2	120.93	.01988	4.6003	122.52	5.4841	-.04344	.00156
#3	120.12	.01899	4.5863	122.43	5.3609	-.04311	-.00221

Sample Name: K1512-11 Acquired: 2/19/2019 18:38:22 Type: Unk
Method: P4-ICP2(v2878) 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	.04985	2.848	.10458	6.8723	F<.00000
Stddev	.00273	.001	.00059	.1226	2.6415
%RSD	5.4710	.0291	.56037	1.7844	9.3406
#1	.05132	2.847	.10396	6.9817	-26.991
#2	.04670	2.848	.10512	6.7398	-31.318
#3	.05153	2.848	.10465	6.8954	-26.530
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2526.4	26306.	2975.5	12.268	2640.5
Stddev	14.1	95.	28.2	1.272	14.8
%RSD	.55950	.36012	.94641	10.370	.56007
#1	2524.2	26234.	2992.9	11.617	2638.9
#2	2513.5	26271.	2943.0	11.452	2626.6
#3	2541.5	26413.	2990.6	13.734	2656.1

Sample Name: K1512-12 Acquired: 2/19/2019 18:42:40 Type: Unk
Method: P4-ICP2(v2878) 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	-.00032	-.00227	.00474	.00013	-.00382	.01279	.00708
Stddev	.00098	.00154	.00018	.00177	.00011	.01331	.00790
%RSD	301.89	67.758	3.8551	1314.9	2.9381	104.03	111.66

#1	.00072	-.00050	.00477	-.00010	-.00392	.00234	.00380
#2	-.00046	-.00328	.00455	-.00151	-.00370	.00826	.01609
#3	-.00123	-.00304	.00491	.00202	-.00382	.02778	.00134

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00100	2.8795	.00192	.00095	.05343	.01228
Stddev	.00007	.00011	.0189	.00041	.00025	.00013	.00146
%RSD	283.30	11.341	.65732	21.408	26.042	.25126	11.889

#1	-.00004	-.00093	2.8650	.00159	.00101	.05358	.01211
#2	-.00008	-.00113	2.8727	.00180	.00067	.05331	.01091
#3	.00005	-.00093	2.9009	.00238	.00115	.05341	.01382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12508	.43489	4.5546	.00080	47.991	.00087	.04562
Stddev	.00078	.03250	.0088	.00033	.465	.00070	.00016
%RSD	.62563	7.4732	.19351	40.498	.96908	81.286	.34981

#1	.12487	.41600	4.5559	.00104	47.817	.00022	.04553
#2	.12442	.47241	4.5626	.00043	47.638	.00076	.04553
#3	.12595	.41624	4.5452	.00094	48.518	.00162	.04581

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.642	.00820	1.6083	F 20.145	1.8828	-.00567	-.00306
Stddev	.190	.00009	.0114	.051	.0145	.00045	.00214
%RSD	.66299	1.0948	.70743	.25108	.77082	8.0244	69.804

#1	28.637	.00824	1.6005	20.105	1.8738	-.00541	-.00446
#2	28.455	.00826	1.6030	20.201	1.8750	-.00619	-.00413
#3	28.834	.00809	1.6213	20.128	1.8995	-.00540	-.00060

Sample Name: K1512-12 Acquired: 2/19/2019 18:42:40 Type: Unk
Method: P4-ICP2(v2878) 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	.01796	.4100	.04157	6.1483	F<.00000
Stddev	.00222	.0023	.00045	.0345	2.1961
%RSD	12.386	.5492	1.0880	.56037	15.576

#1	.01874	.4126	.04105	6.1811	-15.188
#2	.01545	.4085	.04187	6.1513	-11.572
#3	.01968	.4089	.04179	6.1124	-15.538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2661.6	27839.	3050.2	12.286	2867.7
Stddev	10.8	22.	12.2	1.001	8.8
%RSD	.40587	.07735	.39933	8.1453	.30627

#1	2650.0	27864.	3062.9	11.491	2860.1
#2	2663.3	27829.	3049.1	11.958	2865.8
#3	2671.4	27824.	3038.6	13.410	2877.3

Sample Name: K1512-12DUP Acquired: 2/19/2019 18:47:01 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00131	.00041	.00479	.00052	-.00309	-.00292	.00954
Stddev	.00351	.00098	.00084	.00436	.00149	.00495	.00386
%RSD	267.76	237.79	17.508	844.75	48.342	169.66	40.470

#1	.00056	.00116	.00565	-.00401	-.00153	-.00652	.00998
#2	.00087	.00077	.00397	.00086	-.00451	-.00495	.00548
#3	-.00537	-.00070	.00477	.00470	-.00324	.00272	.01316

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00105	2.9288	.00190	.00076	.05399	.01245
Stddev	.00007	.00019	.0159	.00013	.00006	.00036	.00093
%RSD	549.39	17.905	.54109	6.7730	7.9092	.66538	7.4761

#1	.00002	-.00087	2.9129	.00178	.00081	.05420	.01340
#2	-.00009	-.00125	2.9289	.00204	.00077	.05357	.01241
#3	.00003	-.00103	2.9446	.00187	.00069	.05419	.01153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12603	.48143	4.6047	.00081	49.038	.00091	.04608
Stddev	.00098	.05184	.0031	.00013	.352	.00048	.00023
%RSD	.77931	10.769	.06703	16.484	.71842	52.609	.50845

#1	.12716	.43258	4.6012	.00070	49.316	.00134	.04631
#2	.12542	.47591	4.6057	.00077	48.642	.00101	.04609
#3	.12549	.53582	4.6071	.00096	49.156	.00039	.04584

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.493	.00849	1.5883	F 20.356	1.9053	-.00521	.00090
Stddev	.115	.00037	.0151	.081	.0271	.00011	.00145
%RSD	.40449	4.3063	.94845	.39726	1.4235	2.0415	161.56

#1	28.511	.00888	1.5960	20.449	1.9322	-.00520	-.00014
#2	28.370	.00816	1.5710	20.315	1.8779	-.00532	.00256
#3	28.598	.00843	1.5980	20.303	1.9059	-.00511	.00027

Sample Name: K1512-12DUP Acquired: 2/19/2019 18:47:01 Type: Unk
Method: P4-ICP2(v2878) 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	.01280	.4126	.04213	6.0740	F<.00000
Stddev	.00259	.0030	.00024	.1655	3.4818
%RSD	20.268	.7356	.56239	2.7247	25.822

#1	.01125	.4111	.04207	5.8869	-16.760
#2	.01136	.4160	.04240	6.1337	-13.863
#3	.01580	.4105	.04193	6.2014	-9.8276

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2665.3	27872.	3045.7	12.483	2868.1
Stddev	6.0	86.	26.8	1.410	3.8
%RSD	.22340	.30858	.88068	11.293	.13401

#1	2659.1	27779.	3023.6	11.919	2863.7
#2	2671.0	27948.	3075.6	11.443	2870.7
#3	2665.7	27891.	3038.0	14.088	2869.9

Sample Name: CCV07 Acquired: 2/19/2019 19:18:11 Type: Unk
Method: P4-ICP2(v2878) 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	4.9555	4.7347	4.8527	4.8209	4.9104	9.6144	9.3550
Stddev	.0067	.0122	.0110	.0072	.0039	.1604	.5045
%RSD	.13578	.25746	.22632	.14879	.07855	1.6684	5.3928

#1	4.9583	4.7243	4.8613	4.8280	4.9129	9.5035	9.2355
#2	4.9603	4.7481	4.8403	4.8136	4.9059	9.7983	9.9085
#3	4.9478	4.7318	4.8564	4.8210	4.9124	9.5413	8.9210

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24744	2.3530	23.418	.99931	2.4192	1.2002	4.8668
Stddev	.00145	.0011	1.340	.00575	.0038	.0033	.1912
%RSD	.58493	.04830	5.7203	.57567	.15530	.27150	3.9292

#1	.24903	2.3534	23.054	1.0038	2.4236	1.2038	4.8363
#2	.24711	2.3517	24.902	.99282	2.4167	1.1975	5.0715
#3	.24619	2.3539	22.299	1.0013	2.4174	1.1993	4.6927

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4724	24.171	2.3130	1.2897	23.074	2.4239	2.4555
Stddev	.0069	1.423	.0026	.0075	1.216	.0089	.0013
%RSD	.27778	5.8885	.11337	.57827	5.2713	.36565	.05081

#1	2.4802	23.806	2.3137	1.2962	22.747	2.4335	2.4557
#2	2.4674	25.741	2.3152	1.2816	24.420	2.4160	2.4566
#3	2.4695	22.965	2.3101	1.2913	22.054	2.4221	2.4541

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.234	4.9449	F 4.3966	4.6502	5.3671	4.7716	4.7348
Stddev	1.161	.0039	.2553	.0078	.2321	.0038	.2852
%RSD	5.2209	.07929	5.8063	.16743	4.3251	.08033	6.0231

#1	21.842	4.9486	4.3112	4.6591	5.3148	4.7760	4.6551
#2	23.540	4.9408	4.6837	4.6449	5.6210	4.7686	5.0513
#3	21.320	4.9452	4.1950	4.6465	5.1657	4.7703	4.4979

Sample Name: CCV07 Acquired: 2/19/2019 19:18:11 Type: Unk
 Method: P4-ICP2(v2878) 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 4.3247	4.887	4.6616	F 6.2569	F<.00000
Stddev	.2349	.008	.2459	.1398	2.2287
%RSD	5.4325	.1614	5.2756	2.2343	56.361
#1	4.2573	4.893	4.6109	6.2566	-6.0079
#2	4.5860	4.891	4.9289	6.1172	-4.2708
#3	4.1308	4.878	4.4450	6.3968	-1.5843
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2713.9	27730.	3139.9	12.187	2736.0
Stddev	8.6	158.	129.8	1.236	7.0
%RSD	.31848	.57081	4.1351	10.138	.25550
#1	2704.6	27600.	3151.0	11.980	2728.0
#2	2721.7	27906.	3004.9	11.068	2740.9
#3	2715.4	27685.	3263.8	13.513	2739.1

Sample Name: CCB07 Acquired: 2/19/2019 19:22:09 Type: Unk
Method: P4-ICP2(v2878) 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	.00138	-.00009	.00179	.00085	.00157	-.01239	-.00741
Stddev	.00273	.00042	.00143	.00178	.00182	.00819	.00855
%RSD	197.76	476.30	79.845	209.79	115.79	66.139	115.36

#1	.00100	.00039	.00022	.00004	.00271	-.01871	-.00614
#2	.00428	-.00025	.00302	-.00039	-.00053	-.00313	-.01652
#3	-.00114	-.00041	.00213	.00288	.00254	-.01533	.00043

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00000	.01611	.00056	-.00009	-.00003	.00222
Stddev	.00007	.00006	.01518	.00016	.00014	.00054	.00174
%RSD	138.93	1540.3	94.241	28.438	155.61	1957.8	78.328

#1	.00007	-.00005	.02530	.00062	-.00018	-.00047	.00362
#2	-.00003	-.00000	-.00141	.00068	.00007	-.00019	.00277
#3	.00010	.00007	.02443	.00038	-.00015	.00057	.00027

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.02172	-.00038	.00072	.10523	-.00018	.00156
Stddev	.00005	.01442	.00046	.00065	.01654	.00035	.00003
%RSD	209.39	66.396	121.67	90.022	15.718	201.48	2.0137

#1	.00003	-.02308	-.00029	.00113	.11617	-.00051	.00159
#2	-.00003	-.00667	.00003	-.00003	.08620	.00020	.00154
#3	-.00006	-.03542	-.00087	.00105	.11332	-.00022	.00154

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .65093	-.00030	F .04007	F .03353	.00780	.00048	.00025
Stddev	.05359	.00019	.00196	.01057	.00417	.00041	.00115
%RSD	8.2333	65.485	4.8914	31.532	53.394	85.847	465.95

#1	.69416	-.00007	.03783	.04567	.00748	.00001	-.00106
#2	.66766	-.00042	.04148	.02850	.00381	.00068	.00070
#3	.59097	-.00040	.04090	.02641	.01212	.00074	.00111

Sample Name: CCB07 Acquired: 2/19/2019 19:22:09 Type: Unk
Method: P4-ICP2(v2878) 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	-.00183	-.0001	.00010	F 4.7844	F<.00000
Stddev	.00115	.0014	.00010	.1599	4.5848
%RSD	63.017	1924.	90.777	3.3415	105.07
#1	-.00069	.0003	.00021	4.6372	-1.8461
#2	-.00299	-.0016	.00003	4.7614	-1.5893
#3	-.00180	.0010	.00008	4.9545	-9.6557
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2881.6	29485.	3109.1	12.653	3134.4
Stddev	19.4	169.	3.6	1.033	22.1
%RSD	.67406	.57387	.11687	8.1653	.70539
#1	2859.9	29391.	3107.2	13.841	3111.8
#2	2897.5	29680.	3113.3	12.155	3155.9
#3	2887.2	29383.	3106.9	11.964	3135.6

Sample Name: K1512-12LX5 Acquired: 2/19/2019 19:26:37 Type: Unk
Method: P4-ICP2(v2878) 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	.00070	.00062	.00260	.00005	-.00017	-.01158	-.00469
Stddev	.00339	.00211	.00100	.00301	.00181	.00709	.00865
%RSD	483.41	342.49	38.352	6417.7	1070.5	61.223	184.57

#1	-.00314	-.00105	.00373	.00352	.00068	-.01746	-.00169
#2	.00200	.00299	.00185	-.00164	-.00225	-.00371	.00206
#3	.00324	-.00009	.00222	-.00174	.00106	-.01358	-.01444

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00013	.61912	.00085	.00002	.01028	.00589
Stddev	.00004	.00013	.00283	.00046	.00021	.00014	.00052
%RSD	204.10	104.99	.45739	53.854	1130.6	1.3777	8.8033

#1	.00004	.00001	.61765	.00120	.00001	.01033	.00531
#2	-.00003	-.00026	.61733	.00102	.00024	.01012	.00605
#3	.00005	-.00013	.62238	.00033	-.00019	.01039	.00631

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02539	.03671	.93756	.00020	10.071	.00030	.00960
Stddev	.00019	.01325	.00088	.00057	.066	.00056	.00004
%RSD	.74723	36.103	.09341	286.01	.65676	185.90	.42802

#1	.02561	.02410	.93716	.00085	10.079	.00061	.00956
#2	.02530	.05052	.93695	.00000	10.132	.00064	.00964
#3	.02526	.03550	.93856	-.00025	10.001	-.00034	.00959

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1475	.00127	.33165	4.0015	.38602	-.00115	-.00035
Stddev	.0610	.00012	.00563	.0166	.00150	.00057	.00114
%RSD	.99234	9.7547	1.6965	.41498	.38730	49.399	325.95

#1	6.2178	.00141	.33635	4.0155	.38663	-.00052	-.00125
#2	6.1092	.00119	.33319	3.9832	.38711	-.00162	-.00074
#3	6.1154	.00120	.32542	4.0059	.38431	-.00131	.00094

Sample Name: K1512-12LX5 Acquired: 2/19/2019 19:26:37 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00037	.0792	.00832	5.1284	F<.00000
Stddev	.00259	.0015	.00009	.1321	.35344
%RSD	702.32	1.880	1.0528	2.5761	4.0169

#1	-.00134	.0802	.00842	5.0007	-9.2017
#2	-.00090	.0774	.00825	5.1199	-8.5412
#3	.00335	.0799	.00830	5.2645	-8.6534

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2828.8	29007.	3117.5	12.917	3062.6
Stddev	10.8	43.	13.7	1.279	12.3
%RSD	.38315	.14829	.43837	9.9000	.40031

#1	2816.8	28991.	3104.3	12.759	3048.5
#2	2831.4	29055.	3116.6	11.724	3070.7
#3	2838.0	28973.	3131.6	14.267	3068.6

Sample Name: K1512-12MS Acquired: 2/19/2019 19:31:02 Type: Unk
Method: P4-ICP2(v2878) 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	.90764	2.1895	1.1068	2.2042	.92797	2.2874	.23808	.22542
Stddev	.00450	.0107	.0032	.0058	.00512	.0559	.00358	.00051
%RSD	.49595	.48660	.28867	.26417	.55199	2.4424	1.5035	.22502
#1	.90914	2.1944	1.1051	2.1989	.92429	2.2317	.23667	.22579
#2	.91120	2.1967	1.1105	2.2032	.93382	2.2872	.24215	.22484
#3	.90258	2.1772	1.1049	2.2104	.92579	2.3434	.23543	.22563
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21359	4.0415	.48375	.22979	.39922	3.6732	.35593	2.7943
Stddev	.00033	.0182	.00376	.00029	.00029	.0620	.00053	.1091
%RSD	.15582	.45071	.77788	.12571	.07313	1.6874	.15017	3.9054
#1	.21326	4.0221	.48598	.23004	.39889	3.7355	.35654	2.6723
#2	.21393	4.0583	.48586	.22987	.39943	3.6726	.35558	2.8827
#3	.21359	4.0441	.47940	.22948	.39935	3.6115	.35566	2.8278
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0191	.08411	52.152	.35142	.26119	37.270	.50588	1.8859
Stddev	.0166	.00060	.550	.00181	.00049	.362	.00063	.0187
%RSD	.33079	.71311	1.0551	.51492	.18841	.96998	.12550	.99085
#1	5.0369	.08472	52.740	.35349	.26062	37.684	.50649	1.8989
#2	5.0164	.08408	52.067	.35013	.26151	37.112	.50522	1.8645
#3	5.0040	.08352	51.650	.35063	.26144	37.015	.50592	1.8944
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.481	2.8669	.79740	.24446	.23317	6.817	.26618	5.9302
Stddev	.032	.0485	.00329	.00215	.00253	.013	.00086	.1068
%RSD	.16318	1.6928	.41292	.87860	1.0854	.1895	.32195	1.8009
#1	19.487	2.9172	.79523	.24634	.23174	6.831	.26623	6.0486
#2	19.447	2.8630	.80119	.24492	.23168	6.809	.26530	5.9008
#3	19.509	2.8204	.79579	.24212	.23609	6.809	.26701	5.8412

Sample Name: K1512-12MS Acquired: 2/19/2019 19:31:02 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	54.530
Stddev	3.897
%RSD	7.1463

#1	50.413
#2	58.161
#3	55.016

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2753.0	28309.	3057.2	12.867	2893.1
Stddev	10.8	155.	51.6	.645	12.4
%RSD	.39169	.54602	1.6871	5.0158	.42737

#1	2743.1	28151.	3006.0	12.153	2880.6
#2	2751.3	28317.	3056.3	13.409	2893.4
#3	2764.5	28459.	3109.2	13.038	2905.3

Sample Name: K1512-12MSD Acquired: 2/19/2019 19:35:07 Type: Unk
Method: P4-ICP2(v2878) 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	.90640	2.1816	1.1057	2.1954	.92456	2.2744	.23784	.22444
Stddev	.00141	.0069	.0031	.0040	.00094	.0205	.00080	.00018
%RSD	.15565	.31491	.28137	.18119	.10217	.90252	.33666	.08177
#1	.90725	2.1865	1.1055	2.1947	.92554	2.2695	.23750	.22459
#2	.90477	2.1845	1.1027	2.1997	.92449	2.2568	.23726	.22423
#3	.90718	2.1737	1.1089	2.1918	.92365	2.2969	.23875	.22450
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21302	3.9620	.48281	.22909	.39839	3.6590	.35453	2.8237
Stddev	.00040	.0425	.00064	.00033	.00126	.0208	.00061	.0453
%RSD	.18611	1.0740	.13208	.14494	.31716	.56891	.17347	1.6048
#1	.21318	3.9210	.48237	.22890	.39900	3.6436	.35513	2.7714
#2	.21331	4.0059	.48354	.22947	.39923	3.6827	.35390	2.8519
#3	.21256	3.9591	.48253	.22889	.39693	3.6507	.35457	2.8477
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0297	.08426	52.407	.35075	.25970	37.343	.50295	1.8885
Stddev	.0017	.00041	.179	.00119	.00030	.213	.00040	.0165
%RSD	.03326	.49149	.34087	.33979	.11734	.57063	.07915	.87240
#1	5.0307	.08383	52.210	.34964	.25978	37.100	.50320	1.8761
#2	5.0306	.08466	52.451	.35061	.25996	37.497	.50316	1.8823
#3	5.0278	.08429	52.560	.35201	.25937	37.432	.50249	1.9072
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.457	2.8699	.79417	.24213	.22994	6.786	.26486	5.7886
Stddev	.039	.0244	.00210	.00150	.00292	.011	.00131	.1447
%RSD	.20026	.84913	.26472	.61911	1.2688	.1603	.49529	2.4995
#1	19.464	2.8980	.79347	.24052	.22717	6.798	.26335	5.6598
#2	19.492	2.8538	.79653	.24238	.22968	6.777	.26557	5.9452
#3	19.415	2.8580	.79250	.24349	.23298	6.783	.26566	5.7609

Sample Name: K1512-12MSD Acquired: 2/19/2019 19:35:07 Type: Unk
 Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	49.608
Stddev	2.780
%RSD	5.6038

#1	49.235
#2	52.556
#3	47.034

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2752.4	28272.	3056.1	11.728	2891.3
Stddev	6.6	75.	14.2	.188	4.1
%RSD	.23901	.26562	.46486	1.6038	.14327

#1	2746.3	28358.	3064.5	11.818	2887.8
#2	2751.4	28223.	3039.7	11.853	2890.2
#3	2759.4	28234.	3064.1	11.511	2895.9

Sample Name: K1512-12A Acquired: 2/19/2019 19:39:12 Type: Unk
Method: P4-ICP2(v2878) 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	.89745	2.1761	1.0972	2.1880	.91546	2.2361	.23903	.22315
Stddev	.00083	.0039	.0002	.0112	.00352	.0264	.00666	.00072
%RSD	.09264	.17968	.01965	.51221	.38471	1.1820	2.7869	.32427
#1	.89837	2.1807	1.0975	2.1798	.91407	2.2063	.24261	.22327
#2	.89721	2.1739	1.0972	2.1835	.91285	2.2452	.24314	.22237
#3	.89676	2.1738	1.0970	2.2008	.91947	2.2568	.23135	.22380
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21196	3.9652	.47966	.22701	.39604	3.6453	.35252	2.8189
Stddev	.00027	.0264	.00136	.00043	.00110	.0227	.00034	.0878
%RSD	.12879	.66529	.28276	.19025	.27694	.62351	.09595	3.1147
#1	.21213	3.9510	.47929	.22689	.39483	3.6690	.35271	2.7264
#2	.21211	3.9490	.47853	.22666	.39632	3.6434	.35213	2.9010
#3	.21165	3.9956	.48117	.22749	.39697	3.6236	.35272	2.8294
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9968	.08362	52.389	.34887	.25797	37.266	.49684	1.8717
Stddev	.0237	.00092	.142	.00091	.00065	.184	.00077	.0102
%RSD	.47511	1.0992	.27072	.26227	.25167	.49337	.15485	.54582
#1	4.9694	.08446	52.322	.34837	.25872	37.256	.49623	1.8664
#2	5.0101	.08376	52.552	.34993	.25755	37.455	.49658	1.8653
#3	5.0109	.08264	52.293	.34832	.25765	37.087	.49770	1.8835
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.377	2.8769	.79319	.24043	.22726	6.743	.26322	5.6418
Stddev	.041	.0117	.00175	.00321	.00202	.018	.00101	.0531
%RSD	.21112	.40572	.22059	1.3350	.88779	.2736	.38380	.94128
#1	19.418	2.8873	.79405	.23673	.22590	6.764	.26206	5.6527
#2	19.378	2.8792	.79434	.24207	.22958	6.730	.26373	5.5841
#3	19.336	2.8643	.79117	.24249	.22630	6.735	.26388	5.6887

Sample Name: K1512-12A Acquired: 2/19/2019 19:39:12 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	53.142
Stddev	7.631
%RSD	14.360

#1	57.848
#2	44.338
#3	57.241

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2783.0	28458.	3054.8	13.018	2914.5
Stddev	10.8	83.	20.1	1.249	6.8
%RSD	.38839	.29056	.65952	9.5928	.23207

#1	2794.3	28491.	3038.8	13.403	2922.1
#2	2781.9	28519.	3048.1	11.622	2912.0
#3	2772.8	28364.	3077.4	14.028	2909.2

Sample Name: K1525-03 Acquired: 2/19/2019 19:43:17 Type: Unk
Method: P4-ICP2(v2878) 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	.00865	-.02981	.27299	.00985	-.02320	153.78	.71738	.00692
Stddev	.00140	.00258	.00235	.00170	.00083	1.06	.00942	.00007
%RSD	16.211	8.6523	.86136	17.281	3.5899	.68752	1.3131	1.0036
#1	.00945	-.02764	.27092	.01022	-.02231	153.40	.72826	.00687
#2	.00946	-.03266	.27249	.01133	-.02332	152.96	.71189	.00700
#3	.00703	-.02913	.27555	.00799	-.02396	154.97	.71199	.00690
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00304	29.515	.17434	.11700	.29813	186.04	5.5992	56.868
Stddev	.00023	.128	.00062	.00035	.00050	1.75	.0244	.454
%RSD	7.6628	.43437	.35420	.29931	.16812	.93800	.43512	.79864
#1	-.00317	29.655	.17378	.11701	.29828	187.30	5.6062	57.381
#2	-.00318	29.403	.17423	.11735	.29854	186.78	5.5721	56.707
#3	-.00277	29.486	.17500	.11665	.29757	184.05	5.6193	56.517
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23374	-.00757	11.606	.25933	.73469	19.201	.00094	.12618
Stddev	.00126	.00069	.140	.00159	.00175	.198	.00029	.01501
%RSD	.54025	9.1460	1.2092	.61191	.23824	1.0308	31.109	11.896
#1	.23268	-.00699	11.767	.25823	.73668	19.423	.00093	.12950
#2	.23514	-.00737	11.530	.25860	.73403	19.139	.00123	.10978
#3	.23339	-.00833	11.519	.26115	.73338	19.042	.00065	.13925
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3689	2.9859	.02210	1.8079	.25553	6.493	-.03146	.12596
Stddev	.0058	.0213	.00127	.0121	.00289	.021	.00281	.01566
%RSD	.42453	.71366	5.7422	.66745	1.1292	.3303	8.9256	12.429
#1	1.3738	3.0105	.02064	1.7942	.25817	6.511	-.03369	.14364
#2	1.3704	2.9744	.02297	1.8124	.25245	6.499	-.03239	.11385
#3	1.3625	2.9729	.02267	1.8170	.25599	6.469	-.02831	.12039

Sample Name: K1525-03 Acquired: 2/19/2019 19:43:17 Type: Unk
 Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2362.1
 Stddev 18.4
 %RSD .78084

#1 2356.7
 #2 2382.7
 #3 2347.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3263.5	33370.	3782.0	13.581	2724.4
Stddev	11.1	81.	37.3	.585	2.8
%RSD	.34091	.24151	.98719	4.3102	.10307

#1	3276.3	33364.	3743.5	14.203	2724.4
#2	3258.2	33454.	3784.3	13.042	2727.2
#3	3256.0	33293.	3818.1	13.496	2721.6

Sample Name: K1525-03DUP Acquired: 2/19/2019 19:47:53 Type: Unk
Method: P4-ICP2(v2878) 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	.00981	-.03046	.27840	.00893	-.02288	156.65	.73843	.00711
Stddev	.00097	.00146	.00141	.00379	.00046	.60	.00901	.00009
%RSD	9.8880	4.7915	.50778	42.419	2.0076	.38601	1.2206	1.2011
#1	.00913	-.02904	.27951	.01216	-.02252	155.95	.74879	.00701
#2	.00939	-.03039	.27890	.00987	-.02273	156.96	.73233	.00715
#3	.01092	-.03196	.27681	.00476	-.02340	157.03	.73419	.00717
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00297	30.172	.17670	.11919	.30218	188.96	5.7074	57.905
Stddev	.00002	.111	.00105	.00080	.00042	1.69	.0325	.200
%RSD	.60693	.36896	.59586	.67084	.14027	.89639	.56855	.34518
#1	-.00296	30.120	.17761	.11911	.30214	190.75	5.7237	58.114
#2	-.00299	30.300	.17694	.11843	.30178	187.39	5.7285	57.884
#3	-.00296	30.097	.17555	.12002	.30263	188.74	5.6700	57.716
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23942	-.00849	11.865	.26369	.74571	19.533	.00084	.11815
Stddev	.00132	.00066	.059	.00349	.00261	.147	.00015	.00851
%RSD	.54969	7.7887	.50115	1.3231	.35005	.75381	18.452	7.2024
#1	.24022	-.00795	11.917	.26757	.74786	19.692	.00102	.11269
#2	.24015	-.00923	11.800	.26269	.74646	19.401	.00073	.12796
#3	.23790	-.00830	11.879	.26081	.74281	19.507	.00077	.11381
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3646	3.0628	.02217	1.8366	.25733	6.598	-.03230	.41779
Stddev	.0248	.0279	.00091	.0035	.00230	.006	.00198	.05969
%RSD	1.8145	.91072	4.1253	.19111	.89513	.0940	6.1202	14.288
#1	1.3592	3.0832	.02289	1.8380	.25491	6.601	-.03452	.35294
#2	1.3917	3.0741	.02248	1.8326	.25756	6.603	-.03075	.47044
#3	1.3431	3.0310	.02114	1.8392	.25950	6.591	-.03162	.42997

Sample Name: K1525-03DUP Acquired: 2/19/2019 19:47:53 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2346.7
Stddev 7.2
%RSD .30559

#1 2353.6
#2 2339.3
#3 2347.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3229.7	32796.	3718.2	12.567	2680.3
Stddev	8.8	88.	24.9	.306	9.2
%RSD	.27107	.26822	.67046	2.4382	.34423

#1	3222.4	32717.	3689.5	12.250	2669.7
#2	3239.4	32781.	3730.7	12.591	2684.8
#3	3227.3	32891.	3734.4	12.861	2686.5

Sample Name: K1525-03LX5 Acquired: 2/19/2019 19:52:30 Type: Unk
Method: P4-ICP2(v2878) 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	.00284	-.00446	.05613	.00595	-.00516	36.604	.16934	.00158
Stddev	.00234	.00087	.00051	.00286	.00031	.281	.00276	.00014
%RSD	82.417	19.496	.89982	48.116	5.9193	.76755	1.6320	8.8320
#1	.00554	-.00380	.05669	.00848	-.00500	36.283	.17178	.00174
#2	.00166	-.00415	.05572	.00284	-.00551	36.725	.16634	.00151
#3	.00133	-.00545	.05598	.00653	-.00496	36.804	.16991	.00149
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00238	7.5662	.04247	.02457	.07458	52.520	1.4217	14.342
Stddev	.00006	.0639	.00062	.00016	.00032	.216	.0038	.086
%RSD	2.6273	.84453	1.4605	.67015	.42957	.41098	.26883	.59719
#1	-.00237	7.4980	.04177	.02462	.07467	52.467	1.4174	14.287
#2	-.00244	7.5760	.04273	.02438	.07485	52.757	1.4232	14.440
#3	-.00232	7.6247	.04293	.02470	.07423	52.335	1.4246	14.297
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04803	-.00020	2.9348	.06304	.15147	5.2600	-.00036	.05121
Stddev	.00077	.00038	.0118	.00027	.00019	.0214	.00066	.00678
%RSD	1.6135	192.81	.40055	.43529	.12506	.40649	185.26	13.246
#1	.04893	-.00063	2.9409	.06329	.15165	5.2478	.00038	.05815
#2	.04758	-.00004	2.9422	.06274	.15148	5.2476	-.00090	.05089
#3	.04758	.00008	2.9212	.06307	.15127	5.2847	-.00055	.04460
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29575	.77113	.00569	.44694	.05897	1.319	-.01513	3.9943
Stddev	.01167	.01604	.00026	.00417	.00132	.002	.00045	.0750
%RSD	3.9462	2.0797	4.5368	.93375	2.2325	.1172	2.9684	1.8782
#1	.28322	.78916	.00541	.44334	.05746	1.318	-.01560	4.0037
#2	.29771	.75847	.00575	.44598	.05988	1.320	-.01508	4.0642
#3	.30632	.76576	.00591	.45151	.05958	1.318	-.01471	3.9150

Sample Name: K1525-03LX5 Acquired: 2/19/2019 19:52:30 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 481.67
Stddev 5.83
%RSD 1.2104

#1 474.93
#2 485.03
#3 485.04

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2973.7	30168.	3278.6	12.608	2964.5
Stddev	27.5	55.	5.2	1.097	15.7
%RSD	.92625	.18108	.15816	8.7055	.52885

#1	2974.3	30229.	3274.1	11.350	2953.2
#2	2945.9	30151.	3277.5	13.100	2957.9
#3	3001.0	30124.	3284.3	13.373	2982.4

Sample Name: K1525-03MS Acquired: 2/19/2019 19:56:50 Type: Unk
Method: P4-ICP2(v2878) 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	.71975	2.0330	1.2764	1.6626	.10946	160.10	.85590	.19428
Stddev	.00476	.0047	.0056	.0015	.00074	1.06	.00375	.00057
%RSD	.66140	.23224	.43705	.09102	.67341	.66236	.43868	.29159
#1	.71773	2.0354	1.2828	1.6614	.10955	159.08	.85653	.19434
#2	.71634	2.0361	1.2740	1.6621	.11015	161.20	.85187	.19481
#3	.72519	2.0276	1.2724	1.6643	.10868	160.03	.85930	.19369
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20122	40.358	.53357	.32777	.55566	175.13	5.9676	59.837
Stddev	.00032	.153	.00259	.00022	.00410	.47	.0251	.129
%RSD	.15755	.37951	.48537	.06650	.73745	.26687	.42056	.21611
#1	.20153	40.181	.53259	.32785	.55160	174.65	5.9566	59.701
#2	.20090	40.453	.53650	.32794	.55559	175.16	5.9963	59.853
#3	.20124	40.439	.53160	.32752	.55979	175.58	5.9498	59.958
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73801	.06169	14.053	.50582	1.0147	27.777	.31827	.29467
Stddev	.00320	.00029	.036	.00156	.0035	.151	.00077	.00342
%RSD	.43303	.46691	.25335	.30743	.34787	.54404	.24078	1.1623
#1	.73464	.06136	14.049	.50740	1.0188	27.829	.31762	.29809
#2	.74100	.06190	14.090	.50576	1.0127	27.896	.31807	.29124
#3	.73839	.06180	14.019	.50430	1.0127	27.607	.31911	.29467
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4120	3.9206	.74041	1.8229	.43140	F 12.17	.17818	1.2255
Stddev	.0016	.0294	.00345	.0083	.00179	.01	.00083	.0062
%RSD	.11432	.74964	.46646	.45573	.41589	.1110	.46659	.50448
#1	1.4114	3.9059	.73647	1.8136	.43347	12.19	.17832	1.2232
#2	1.4138	3.9544	.74291	1.8256	.43040	12.18	.17893	1.2209
#3	1.4108	3.9013	.74186	1.8296	.43033	12.16	.17728	1.2325

Sample Name: K1525-03MS Acquired: 2/19/2019 19:56:50 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2114.2
Stddev 20.7
%RSD .97742

#1 2103.3
#2 2138.1
#3 2101.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3198.7	32542.	3636.9	12.623	2702.8
Stddev	6.0	109.	4.7	1.046	6.1
%RSD	.18687	.33559	.12831	8.2839	.22451

#1	3201.7	32610.	3634.3	11.779	2695.8
#2	3202.6	32416.	3634.0	12.297	2706.3
#3	3191.8	32599.	3642.2	13.793	2706.3

Sample Name: K1525-03MSD Acquired: 2/19/2019 20:01:19 Type: Unk
Method: P4-ICP2(v2878) 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	.72323	2.0453	1.2801	1.6726	.11202	164.83	.86928	.19552
Stddev	.00479	.0072	.0055	.0134	.00192	1.28	.00598	.00063
%RSD	.66165	.35360	.43292	.79904	1.7115	.77376	.68765	.32134
#1	.71964	2.0520	1.2850	1.6652	.11415	163.50	.86306	.19507
#2	.72866	2.0461	1.2813	1.6880	.11042	166.04	.87499	.19624
#3	.72138	2.0376	1.2741	1.6645	.11149	164.95	.86978	.19525
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20266	45.039	.54057	.32914	.56059	178.70	6.0676	62.236
Stddev	.00045	.327	.00312	.00018	.00462	.74	.0120	.339
%RSD	.22238	.72506	.57752	.05605	.82443	.41532	.19726	.54536
#1	.20265	44.700	.54178	.32893	.55922	178.15	6.0720	62.040
#2	.20311	45.351	.54290	.32926	.56575	179.55	6.0768	62.628
#3	.20221	45.066	.53702	.32924	.55681	178.41	6.0541	62.041
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74574	.06150	14.279	.51198	1.0024	28.413	.32054	.29696
Stddev	.00149	.00076	.069	.00167	.0056	.033	.00196	.01321
%RSD	.20046	1.2437	.48341	.32638	.55599	.11625	.61072	4.4487
#1	.74573	.06165	14.210	.51353	1.0056	28.393	.32053	.30628
#2	.74724	.06217	14.348	.51220	.99596	28.451	.32250	.28184
#3	.74425	.06067	14.279	.51021	1.0056	28.395	.31858	.30276
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4329	4.0361	.74528	1.8472	.43851	F 12.24	.18450	1.4691
Stddev	.0073	.0149	.00204	.0126	.00431	.07	.00159	.1905
%RSD	.51101	.36973	.27353	.68292	.98377	.5755	.86257	12.966
#1	1.4412	4.0515	.74378	1.8338	.43353	12.26	.18292	1.4414
#2	1.4303	4.0350	.74446	1.8589	.44076	12.16	.18611	1.6719
#3	1.4273	4.0217	.74760	1.8488	.44123	12.29	.18447	1.2939

Sample Name: K1525-03MSD Acquired: 2/19/2019 20:01:19 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2146.7
Stddev 12.1
%RSD .56364

#1 2157.0
#2 2149.7
#3 2133.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3192.2	32256.	3628.5	12.352	2701.0
Stddev	5.9	163.	11.1	2.035	15.6
%RSD	.18632	.50649	.30635	16.473	.57882

#1	3185.4	32272.	3627.0	11.550	2691.8
#2	3194.6	32085.	3618.3	10.840	2719.1
#3	3196.6	32411.	3640.3	14.665	2692.2

Sample Name: K1525-03A Acquired: 2/19/2019 20:05:47 Type: Unk
Method: P4-ICP2(v2878) 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	.72170	2.0465	1.2823	1.6689	.11075	162.77	.86673	.19481
Stddev	.00291	.0024	.0016	.0084	.00097	.40	.00461	.00073
%RSD	.40365	.11837	.12693	.50208	.87886	.24565	.53138	.37380
#1	.72146	2.0489	1.2809	1.6639	.11029	162.49	.87198	.19419
#2	.72473	2.0440	1.2819	1.6786	.11010	162.59	.86335	.19463
#3	.71892	2.0467	1.2841	1.6643	.11187	163.23	.86486	.19561
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20167	43.742	.53731	.32923	.56025	178.24	6.0333	61.705
Stddev	.00043	.171	.00164	.00044	.00023	.53	.0352	.091
%RSD	.21495	.39054	.30472	.13367	.04064	.29788	.58282	.14728
#1	.20117	43.582	.53552	.32928	.56048	178.50	6.0731	61.631
#2	.20188	43.922	.53769	.32965	.56003	178.60	6.0205	61.806
#3	.20196	43.723	.53873	.32877	.56022	177.63	6.0064	61.677
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74399	.06136	14.095	.51152	1.0035	28.200	.32057	.30280
Stddev	.00138	.00049	.111	.00209	.0015	.153	.00088	.00486
%RSD	.18591	.80572	.78640	.40841	.15083	.54327	.27548	1.6063
#1	.74397	.06108	14.218	.50929	1.0045	28.376	.31966	.30209
#2	.74539	.06193	14.065	.51186	1.0043	28.131	.32063	.30798
#3	.74262	.06107	14.003	.51343	1.0018	28.094	.32143	.29833
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4448	4.0364	.74477	1.8391	.43386	F 12.24	.18176	1.3178
Stddev	.0268	.0079	.00141	.0111	.00475	.03	.00055	.0343
%RSD	1.8557	.19506	.18938	.60379	1.0955	.2357	.30108	2.5988
#1	1.4727	4.0282	.74399	1.8272	.43929	12.25	.18220	1.3302
#2	1.4192	4.0438	.74639	1.8410	.43182	12.27	.18115	1.3441
#3	1.4424	4.0373	.74391	1.8492	.43046	12.21	.18192	1.2791

Sample Name: K1525-03A Acquired: 2/19/2019 20:05:47 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2129.0
Stddev 13.2
%RSD .62222

#1 2133.4
#2 2114.1
#3 2139.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3188.8	32378.	3623.4	12.495	2691.4
Stddev	5.6	37.	16.2	.610	1.9
%RSD	.17623	.11518	.44607	4.8797	.06887

#1	3193.1	32361.	3606.8	11.791	2690.5
#2	3190.9	32352.	3624.3	12.847	2690.1
#3	3182.5	32420.	3639.1	12.847	2693.5

Sample Name: CCV08 Acquired: 2/19/2019 20:10:15 Type: Unk
Method: P4-ICP2(v2878) 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	4.8776	4.7652	4.8221	4.8377	4.8586	9.5810	9.4994
Stddev	.0275	.0080	.0101	.0267	.0149	.1826	.0867
%RSD	.56438	.16806	.21031	.55204	.30662	1.9057	.91267

#1	4.9093	4.7579	4.8107	4.8666	4.8758	9.4529	9.5457
#2	4.8632	4.7738	4.8255	4.8325	4.8491	9.5000	9.5531
#3	4.8602	4.7640	4.8300	4.8140	4.8510	9.7901	9.3994

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24614	2.3593	24.039	1.0027	2.4099	1.2065	4.9809
Stddev	.00032	.0049	.052	.0008	.0042	.0022	.0827
%RSD	.13019	.20563	.21707	.08376	.17583	.18055	1.6595

#1	.24649	2.3550	24.021	1.0031	2.4070	1.2087	5.0493
#2	.24606	2.3583	24.098	1.0017	2.4079	1.2043	5.0044
#3	.24587	2.3646	23.998	1.0032	2.4147	1.2065	4.8891

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4669	24.457	2.3384	1.2704	23.940	2.4166	2.4319
Stddev	.0050	.135	.0048	.0021	.215	.0041	.0048
%RSD	.20415	.55058	.20428	.16521	.89781	.16805	.19815

#1	2.4676	24.322	2.3334	1.2685	24.071	2.4210	2.4277
#2	2.4615	24.591	2.3390	1.2727	24.057	2.4159	2.4309
#3	2.4716	24.456	2.3428	1.2701	23.692	2.4130	2.4372

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.838	4.8792	4.5529	4.5901	5.2915	4.7513	4.8104
Stddev	.308	.0177	.0544	.0285	.0766	.0226	.0297
%RSD	1.3477	.36314	1.1950	.62119	1.4482	.47504	.61847

#1	23.114	4.8990	4.5748	4.5657	5.3451	4.7363	4.8064
#2	22.894	4.8648	4.4910	4.6214	5.3257	4.7404	4.7828
#3	22.506	4.8738	4.5930	4.5830	5.2037	4.7773	4.8419

Sample Name: CCV08 Acquired: 2/19/2019 20:10:15 Type: Unk
 Method: P4-ICP2(v2878) 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 4.3961	4.824	4.7582	F 5.9012	F<.00000
Stddev	.0340	.010	.0469	.1141	5.7605
%RSD	.77299	.2056	.98660	1.9338	40.686

#1	4.4181	4.829	4.7825	5.7855	-8.6918
#2	4.4132	4.812	4.7880	5.9044	-13.610
#3	4.3569	4.830	4.7041	6.0137	-20.174

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2755.2	28000.	3069.1	11.980	2762.2
Stddev	13.2	88.	47.4	.392	2.2
%RSD	.47778	.31571	1.5439	3.2706	.07866

#1	2740.0	28102.	3036.6	11.974	2763.9
#2	2762.5	27947.	3047.2	12.374	2763.1
#3	2763.2	27952.	3123.4	11.591	2759.8

Sample Name: CCB08 Acquired: 2/19/2019 20:14:14 Type: Unk
Method: P4-ICP2(v2878) 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	.00147	.00149	.00133	.00147	-.00194	-.00595	-.01180
Stddev	.00118	.00113	.00066	.00273	.00118	.00535	.00399
%RSD	80.274	75.977	49.496	186.19	60.609	89.942	33.845

#1	.00085	.00279	.00155	.00334	-.00281	-.01019	-.01554
#2	.00282	.00099	.00059	-.00167	-.00242	-.00771	-.01227
#3	.00073	.00069	.00186	.00272	-.00060	.00006	-.00759

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00010	.02633	.00031	-.00018	-.00065	.00328
Stddev	.00005	.00013	.01540	.00024	.00023	.00052	.00131
%RSD	206.40	134.14	58.483	76.273	128.55	79.473	40.053

#1	.00001	.00024	.03136	.00043	.00001	-.00040	.00308
#2	.00008	-.00002	.03859	.00004	-.00011	-.00031	.00207
#3	-.00002	.00007	.00905	.00046	-.00043	-.00124	.00468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.03448	-.00040	.00074	.01317	.00015	.00147
Stddev	.00003	.01426	.00019	.00046	.01031	.00030	.00013
%RSD	1220.7	41.368	48.149	62.531	78.293	204.17	8.5784

#1	.00000	-.04421	-.00024	.00126	.01243	.00046	.00160
#2	.00002	-.01811	-.00033	.00038	.02383	-.00015	.00144
#3	-.00003	-.04113	-.00061	.00058	.00325	.00014	.00136

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .62235	-.00034	.01806	F .00916	.00928	.00061	.00125
Stddev	.00958	.00047	.00502	.01951	.00283	.00050	.00183
%RSD	1.5388	137.81	27.781	213.02	30.470	82.357	146.59

#1	.61790	.00011	.01871	-.00870	.01173	.00094	.00046
#2	.63334	-.00030	.01275	.00619	.00992	.00087	-.00006
#3	.61581	-.00082	.02272	.02999	.00619	.00003	.00333

Sample Name: CCB08 Acquired: 2/19/2019 20:14:14 Type: Unk
 Method: P4-ICP2(v2878) 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	-.00096	.0004	.00008	F 4.6153	F<.00000
Stddev	.00205	.0011	.00013	.0980	3.1617
%RSD	214.22	290.7	173.16	2.1239	35.864
#1	-.00135	.0010	.00007	4.6761	-7.2387
#2	.00126	.0010	.00021	4.5022	-6.7530
#3	-.00278	-.0009	-.00005	4.6676	-12.456
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2926.1	29575.	3129.1	13.102	3144.5
Stddev	9.6	54.	8.0	.192	11.3
%RSD	.32969	.18256	.25610	1.4646	.35850
#1	2937.2	29513.	3137.3	12.973	3155.9
#2	2921.6	29610.	3128.9	13.323	3144.2
#3	2919.5	29603.	3121.2	13.011	3133.3

Sample Name: K1525-07 Acquired: 2/19/2019 20:18:42 Type: Unk
Method: P4-ICP2(v2878) 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	.01667	-.02998	.25737	.01065	-.02120	139.90	.70446	.00681
Stddev	.00232	.00151	.00033	.00366	.00036	1.12	.00595	.00008
%RSD	13.891	5.0439	.13007	34.341	1.6770	.80395	.84450	1.1105
#1	.01401	-.03163	.25699	.01235	-.02082	138.78	.69844	.00678
#2	.01780	-.02866	.25762	.00645	-.02124	139.90	.71033	.00675
#3	.01821	-.02964	.25750	.01314	-.02153	141.03	.70461	.00689
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00280	26.913	.15823	.12251	.27742	181.81	7.3508	52.069
Stddev	.00009	.338	.00106	.00057	.00092	1.37	.0380	.669
%RSD	3.2084	1.2565	.66961	.46170	.33002	.75313	.51748	1.2841
#1	-.00274	26.525	.15860	.12270	.27795	182.63	7.3307	51.305
#2	-.00276	27.147	.15906	.12295	.27636	182.56	7.3270	52.358
#3	-.00291	27.067	.15704	.12187	.27794	180.23	7.3946	52.546
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22299	-.00764	12.537	.23836	.70935	13.498	.00040	.10667
Stddev	.00067	.00044	.016	.00031	.00183	.036	.00051	.00804
%RSD	.30253	5.7245	.12830	.13159	.25846	.27019	125.63	7.5414
#1	.22351	-.00763	12.519	.23800	.71118	13.464	.00057	.10401
#2	.22322	-.00721	12.551	.23858	.70751	13.494	.00081	.11571
#3	.22223	-.00809	12.539	.23851	.70937	13.537	-.00017	.10030
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0277	4.7339	.03200	1.7901	.21588	7.025	-.06073	<.00000
Stddev	.0212	.0788	.00032	.0137	.00147	.006	.00168	.17542
%RSD	2.0658	1.6654	.98892	.76315	.68102	.0891	2.7619	265.43
#1	1.0519	4.7302	.03205	1.7974	.21753	7.031	-.06191	.11064
#2	1.0191	4.8146	.03229	1.7743	.21471	7.024	-.06147	-.06874
#3	1.0122	4.6570	.03166	1.7985	.21540	7.019	-.05881	-.24017

Sample Name: K1525-07 Acquired: 2/19/2019 20:18:42 Type: Unk
 Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2258.3
 Stddev 3.1
 %RSD .13839

#1 2255.5
 #2 2257.9
 #3 2261.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3341.5	33904.	3804.5	13.124	2726.1
Stddev	3.4	53.	21.5	1.601	8.3
%RSD	.10155	.15617	.56577	12.203	.30584

#1	3338.7	33843.	3802.3	12.227	2716.4
#2	3340.5	33932.	3784.1	12.172	2730.8
#3	3345.2	33938.	3827.0	14.973	2730.9

Sample Name: K1525-04 Acquired: 2/19/2019 20:23:17 Type: Unk
Method: P4-ICP2(v2878) 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	-.00301	-.00191	.00509	.00073	.00044	.09534	.11308
Stddev	.00085	.00190	.00091	.00060	.00107	.00444	.00318
%RSD	28.049	99.243	17.947	81.575	239.94	4.6593	2.8144

#1	-.00346	-.00153	.00609	.00125	.00144	.09439	.10944
#2	-.00354	-.00023	.00429	.00008	-.00068	.10017	.11446
#3	-.00204	-.00397	.00489	.00087	.00057	.09144	.11534

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00011	20.897	.00151	-.00024	.00167	.03569
Stddev	.00001	.00004	.092	.00045	.00015	.00017	.00114
%RSD	8.6900	34.114	.43865	29.686	62.294	10.224	3.1976

#1	.00012	-.00013	20.819	.00100	-.00009	.00186	.03661
#2	.00013	-.00006	20.998	.00167	-.00023	.00157	.03442
#3	.00015	-.00012	20.873	.00185	-.00039	.00156	.03606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13987	3.5961	.00114	.00103	272.66	-.00020	.01451
Stddev	.00119	.1050	.00013	.00068	.67	.00006	.00011
%RSD	.85245	2.9205	11.057	66.582	.24683	32.036	.75717

#1	.13857	3.4861	.00128	.00141	272.10	-.00027	.01463
#2	.14091	3.6954	.00108	.00143	272.47	-.00019	.01449
#3	.14012	3.6068	.00105	.00024	273.41	-.00015	.01441

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9240	-.00020	.02781	.42728	1.3978	.00248	.00314
Stddev	.0871	.00025	.00755	.02991	.0057	.00109	.00132
%RSD	2.2199	124.74	27.151	7.0011	.41145	43.942	42.040

#1	3.8342	-.00049	.02313	.45047	1.3924	.00124	.00432
#2	4.0081	-.00006	.03652	.43786	1.4038	.00292	.00171
#3	3.9297	-.00005	.02377	.39351	1.3971	.00328	.00339

Sample Name: K1525-04 Acquired: 2/19/2019 20:23:17 Type: Unk
Method: P4-ICP2(v2878) 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	-.00294	.0069	.08650	6.0143	F<.00000
Stddev	.00323	.0018	.00031	.0623	2.6327
%RSD	110.07	26.71	.36251	1.0361	8.3120

#1	-.00354	.0090	.08618	6.0190	-31.490
#2	.00056	.0056	.08681	6.0741	-29.138
#3	-.00582	.0062	.08652	5.9498	-34.394

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2727.8	27348.	3081.3	12.036	2733.1
Stddev	4.6	20.	8.4	.761	5.1
%RSD	.16758	.07486	.27243	6.3203	.18551

#1	2722.7	27370.	3074.5	11.316	2727.7
#2	2731.6	27329.	3078.8	11.961	2737.7
#3	2729.0	27345.	3090.7	12.832	2733.9

Sample Name: K1525-04DUP Acquired: 2/19/2019 20:27:51 Type: Unk
Method: P4-ICP2(v2878) 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	-.00345	-.00281	.00570	.00136	-.00068	.09750	.11337
Stddev	.00258	.00268	.00058	.00150	.00117	.01366	.00199
%RSD	74.740	95.367	10.209	110.38	172.69	14.008	1.7575

#1	-.00067	-.00456	.00513	.00054	.00065	.10816	.11110
#2	-.00393	-.00413	.00629	.00309	-.00115	.08211	.11421
#3	-.00576	.00027	.00568	.00045	-.00153	.10224	.11481

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00012	20.944	.00125	-.00035	.00214	.03473
Stddev	.00007	.00007	.091	.00072	.00024	.00007	.00175
%RSD	63.626	53.060	.43650	57.460	67.853	3.2185	5.0256

#1	.00005	-.00005	20.848	.00046	-.00055	.00219	.03659
#2	.00018	-.00018	20.956	.00187	-.00042	.00206	.03313
#3	.00009	-.00014	21.029	.00141	-.00009	.00218	.03447

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14130	3.6427	.00137	.00070	272.81	-.00033	.01435
Stddev	.00160	.0478	.00013	.00064	3.22	.00026	.00012
%RSD	1.1338	1.3111	9.6774	91.611	1.1800	80.121	.84689

#1	.14003	3.6323	.00128	.00119	271.43	-.00011	.01441
#2	.14077	3.6010	.00130	.00093	276.49	-.00025	.01421
#3	.14310	3.6948	.00152	-.00003	270.52	-.00062	.01442

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8291	-.00025	.02238	.41694	1.4037	.00285	.00156
Stddev	.0155	.00007	.00856	.00290	.0133	.00116	.00199
%RSD	.40465	26.054	38.245	.69494	.94981	40.542	127.77

#1	3.8137	-.00025	.02599	.41368	1.3906	.00283	-.00071
#2	3.8447	-.00019	.01261	.41792	1.4032	.00171	.00300
#3	3.8290	-.00032	.02854	.41922	1.4173	.00402	.00239

Sample Name: K1525-04DUP Acquired: 2/19/2019 20:27:51 Type: Unk
Method: P4-ICP2(v2878) 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	.00304	.0091	.08671	5.8443	F<.00000
Stddev	.00110	.0011	.00052	.1574	2.2295
%RSD	36.035	12.29	.60492	2.6936	7.5407
#1	.00397	.0078	.08626	6.0004	-32.071
#2	.00332	.0098	.08657	5.8470	-28.831
#3	.00183	.0096	.08729	5.6856	-27.798
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2721.5	27398.	3083.5	12.395	2734.5
Stddev	8.9	30.	21.2	1.065	8.7
%RSD	.32529	.10798	.68893	8.5946	.31934
#1	2712.8	27433.	3075.7	11.943	2724.6
#2	2721.4	27382.	3067.2	13.611	2741.3
#3	2730.5	27381.	3107.5	11.630	2737.5

Sample Name: K1525-04LX5 Acquired: 2/19/2019 20:32:24 Type: Unk
Method: P4-ICP2(v2878) 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	-.00233	-.00195	.00336	.00139	.00113	.01334	.02251
Stddev	.00010	.00071	.00119	.00042	.00112	.01020	.00035
%RSD	4.4853	36.260	35.417	30.053	99.876	76.445	1.5585

#1	-.00240	-.00276	.00215	.00092	.00183	.00508	.02278
#2	-.00237	-.00153	.00341	.00171	-.00017	.02474	.02211
#3	-.00221	-.00154	.00453	.00153	.00172	.01021	.02263

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00015	4.3382	.00013	-.00010	-.00017	.00891
Stddev	.00014	.00006	.0439	.00020	.00023	.00017	.00128
%RSD	189.61	39.829	1.0118	152.58	233.23	105.59	14.351

#1	.00007	-.00009	4.2939	.00012	-.00008	.00004	.00991
#2	-.00006	-.00020	4.3390	-.00006	-.00033	-.00028	.00935
#3	.00022	-.00016	4.3817	.00035	.00012	-.00025	.00747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02894	.68650	-.00093	.00083	57.082	-.00028	.00402
Stddev	.00025	.03106	.00022	.00031	.806	.00052	.00017
%RSD	.86284	4.5239	23.620	37.707	1.4112	182.56	4.1509

#1	.02871	.67050	-.00112	.00110	57.767	.00012	.00421
#2	.02921	.66672	-.00069	.00049	57.285	-.00086	.00393
#3	.02891	.72230	-.00096	.00089	56.194	-.00010	.00392

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2773	-.00023	.02204	.08430	.29702	.00191	.00022
Stddev	.0562	.00027	.01253	.00257	.00501	.00084	.00244
%RSD	4.3987	119.03	56.856	3.0428	1.6856	43.811	1124.7

#1	1.3383	-.00038	.03624	.08231	.30279	.00230	-.00139
#2	1.2658	-.00039	.01737	.08719	.29437	.00248	.00302
#3	1.2278	.00009	.01252	.08340	.29389	.00095	-.00098

Sample Name: K1525-04LX5 Acquired: 2/19/2019 20:32:24 Type: Unk
Method: P4-ICP2(v2878) 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	-.00042	.0016	.01787	5.2875	F<.00000
Stddev	.00268	.0012	.00009	.1377	3.8566
%RSD	643.52	79.35	.51507	2.6035	25.420

#1	-.00183	.0021	.01783	5.1450	-10.754
#2	.00268	.0002	.01797	5.2978	-17.866
#3	-.00210	.0025	.01780	5.4197	-16.894

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2832.3	28681.	3128.4	13.379	2929.3
Stddev	25.3	99.	52.7	.335	27.4
%RSD	.89163	.34378	1.6859	2.5021	.93519

#1	2842.2	28786.	3084.9	13.266	2945.2
#2	2851.1	28667.	3113.2	13.756	2945.1
#3	2803.6	28591.	3187.0	13.116	2897.7

Sample Name: K1525-04MS Acquired: 2/19/2019 20:36:51 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86286	2.0538	1.0520	2.1758	.85036	2.2579	.32243	.21854	.20831
Stddev	.00247	.0076	.0039	.0018	.00210	.0544	.00142	.00130	.00042
%RSD	.28656	.37214	.36894	.08227	.24711	2.4109	.44067	.59383	.20009
#1	.86364	2.0493	1.0483	2.1775	.84860	2.1979	.32083	.21723	.20812
#2	.86009	2.0626	1.0561	2.1758	.84979	2.2716	.32353	.21858	.20879
#3	.86485	2.0495	1.0518	2.1740	.85269	2.3042	.32294	.21982	.20803
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.491	.45902	.21523	.32553	3.3463	.34607	5.5509	.52256	.08072
Stddev	.071	.00183	.00047	.00059	.0101	.00243	.0919	.00123	.00032
%RSD	.34575	.39885	.21761	.18226	.30034	.70208	1.6563	.23586	.39453
#1	20.428	.45880	.21537	.32556	3.3455	.34454	5.4551	.52127	.08046
#2	20.568	.45731	.21561	.32493	3.3368	.34479	5.5590	.52373	.08108
#3	20.478	.46095	.21471	.32611	3.3568	.34887	5.6385	.52269	.08063
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	258.20	.33413	.23398	13.451	.44877	.33533	.34754	2.2773	.74986
Stddev	2.10	.00272	.00021	.115	.00185	.01024	.00950	.0168	.00141
%RSD	.81497	.81352	.09077	.85763	.41324	3.0533	2.7340	.73828	.18760
#1	256.80	.33298	.23375	13.336	.44883	.33866	.35421	2.2813	.74845
#2	260.62	.33218	.23417	13.567	.44689	.32385	.35175	2.2589	.74987
#3	257.18	.33723	.23401	13.450	.45059	.34350	.33666	2.2919	.75126
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22278	.20351	6.440	.28667	6.0966	29.448			
Stddev	.00338	.00358	.020	.00271	.1518	1.911			
%RSD	1.5173	1.7612	.3136	.94416	2.4890	6.4903			
#1	.21923	.20090	6.420	.28656	5.9664	29.868			
#2	.22314	.20760	6.460	.28943	6.2632	31.115			
#3	.22596	.20203	6.440	.28402	6.0600	27.362			

Sample Name: K1525-04MS Acquired: 2/19/2019 20:36:51 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2737.4	27508.	3041.3	12.344	2752.5
Stddev	5.6	68.	14.9	1.531	9.2
%RSD	.20339	.24783	.49005	12.404	.33439
#1	2731.0	27569.	3028.2	14.111	2749.3
#2	2741.2	27521.	3038.1	11.420	2745.4
#3	2739.9	27435.	3057.5	11.500	2762.9

Sample Name: K1525-04MSD Acquired: 2/19/2019 20:41:07 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86940	2.0556	1.0586	2.1854	.85206	2.2763	.32175	.21897	.20904
Stddev	.00453	.0002	.0022	.0079	.00239	.0158	.00520	.00108	.00037
%RSD	.52114	.01045	.21047	.36168	.28036	.69332	1.6154	.49346	.17627
#1	.87068	2.0556	1.0568	2.1770	.85289	2.2790	.32164	.21941	.20920
#2	.87315	2.0558	1.0611	2.1865	.84937	2.2594	.31661	.21975	.20931
#3	.86437	2.0554	1.0579	2.1927	.85392	2.2906	.32700	.21773	.20862
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.703	.46093	.21641	.32624	3.3521	.34720	5.6039	.52470	.08129
Stddev	.220	.00062	.00026	.00171	.0297	.00031	.0143	.00084	.00078
%RSD	1.0645	.13424	.12070	.52498	.88628	.08847	.25480	.15998	.96014
#1	20.449	.46039	.21620	.32488	3.3506	.34691	5.5958	.52540	.08193
#2	20.818	.46079	.21670	.32816	3.3825	.34752	5.5956	.52493	.08152
#3	20.841	.46160	.21632	.32568	3.3232	.34717	5.6204	.52377	.08042
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	258.48	.33601	.23508	13.529	.45185	.34829	.35291	2.2809	.75455
Stddev	4.45	.00137	.00036	.036	.00121	.00893	.03008	.0216	.00145
%RSD	1.7200	.40920	.15518	.26580	.26804	2.5627	8.5226	.94471	.19219
#1	253.84	.33609	.23471	13.538	.45102	.34243	.32736	2.2791	.75494
#2	262.70	.33735	.23508	13.559	.45130	.35856	.38606	2.3032	.75577
#3	258.92	.33460	.23544	13.489	.45324	.34388	.34531	2.2602	.75295
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22395	.20559	6.481	.28870	6.1014	29.416			
Stddev	.00140	.00085	.009	.00238	.0630	7.145			
%RSD	.62428	.41365	.1426	.82419	1.0329	24.291			
#1	.22279	.20552	6.491	.28939	6.1106	36.671			
#2	.22357	.20477	6.473	.29067	6.0343	22.386			
#3	.22550	.20647	6.478	.28606	6.1593	29.189			

Sample Name: K1525-04MSD Acquired: 2/19/2019 20:41:07 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2730.7	27538.	3054.6	12.760	2751.8
Stddev	3.6	61.	18.1	.919	7.1
%RSD	.13158	.22210	.59387	7.2021	.25804
#1	2727.0	27565.	3061.2	13.800	2745.4
#2	2730.8	27581.	3034.1	12.057	2750.6
#3	2734.2	27468.	3068.5	12.424	2759.4

Sample Name: K1525-04A Acquired: 2/19/2019 20:45:22 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85598	2.0499	1.0480	2.1557	.84776	2.2425	.32008	.21785	.20771
Stddev	.00082	.0086	.0011	.0027	.00089	.0302	.00419	.00065	.00032
%RSD	.09550	.41904	.10318	.12516	.10526	1.3451	1.3081	.29877	.15465
#1	.85678	2.0426	1.0471	2.1567	.84703	2.2098	.32252	.21854	.20764
#2	.85601	2.0476	1.0476	2.1577	.84875	2.2692	.31524	.21777	.20744
#3	.85515	2.0594	1.0492	2.1526	.84749	2.2485	.32247	.21725	.20806
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.294	.45691	.21445	.32318	3.3438	.34417	5.5492	.52055	.08057
Stddev	.117	.00054	.00034	.00146	.0280	.00040	.1318	.00223	.00089
%RSD	.57769	.11848	.15687	.45139	.83790	.11744	2.3746	.42818	1.1090
#1	20.161	.45736	.21449	.32183	3.3753	.34428	5.4103	.52035	.08067
#2	20.380	.45631	.21477	.32473	3.3216	.34373	5.5649	.51843	.07964
#3	20.342	.45707	.21410	.32297	3.3345	.34451	5.6724	.52287	.08142
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	253.57	.33383	.23140	13.359	.44619	.33108	.34986	2.2515	.74821
Stddev	.76	.00130	.00046	.059	.00213	.00835	.01003	.0247	.00187
%RSD	.29983	.38972	.19912	.44143	.47724	2.5223	2.8672	1.0978	.25026
#1	252.95	.33236	.23111	13.292	.44376	.32499	.34711	2.2799	.75009
#2	254.42	.33483	.23115	13.399	.44776	.34060	.36099	2.2349	.74635
#3	253.34	.33431	.23193	13.387	.44704	.32766	.34150	2.2397	.74819
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21901	.20538	6.411	.28721	6.0888	27.395			
Stddev	.00223	.00067	.010	.00071	.0874	3.949			
%RSD	1.0186	.32719	.1622	.24563	1.4353	14.414			
#1	.22131	.20573	6.400	.28669	5.9882	23.437			
#2	.21685	.20580	6.414	.28693	6.1317	31.334			
#3	.21888	.20460	6.420	.28802	6.1464	27.413			

Sample Name: K1525-04A Acquired: 2/19/2019 20:45:22 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2752.8	27469.	3033.1	13.398	2764.5
Stddev	20.5	74.	10.2	1.513	15.8
%RSD	.74491	.26781	.33526	11.293	.57132
#1	2772.0	27554.	3022.5	11.698	2780.0
#2	2731.2	27421.	3034.1	14.595	2748.4
#3	2755.1	27433.	3042.7	13.902	2765.2

Sample Name: K1525-08 Acquired: 2/19/2019 20:49:37 Type: Unk
Method: P4-ICP2(v2878) 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	-.00228	.00023	.00397	.00437	-.00175	.07836	.08561
Stddev	.00156	.00213	.00173	.00367	.00049	.00922	.00320
%RSD	68.262	933.30	43.656	84.000	27.952	11.765	3.7397

#1	-.00296	.00267	.00455	.00754	-.00183	.08548	.08843
#2	-.00338	-.00117	.00534	.00523	-.00123	.08166	.08213
#3	-.00050	-.00082	.00202	.00035	-.00220	.06795	.08627

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00013	6.6464	.00144	-.00052	.00518	.04847
Stddev	.00009	.00003	.0284	.00045	.00007	.00009	.00164
%RSD	119.33	21.650	.42748	30.874	13.653	1.8289	3.3783

#1	.00001	-.00015	6.6421	.00167	-.00058	.00525	.04901
#2	.00004	-.00015	6.6205	.00173	-.00044	.00508	.04977
#3	.00018	-.00010	6.6768	.00093	-.00054	.00522	.04663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02520	.64612	-.00081	.00091	279.93	.00048	.01258
Stddev	.00011	.02137	.00065	.00060	2.29	.00110	.00011
%RSD	.45302	3.3068	80.505	66.361	.81829	230.36	.87793

#1	.02511	.62188	-.00015	.00159	277.44	-.00077	.01248
#2	.02533	.66222	-.00082	.00043	280.40	.00093	.01258
#3	.02517	.65427	-.00146	.00072	281.94	.00127	.01270

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2467	-.00007	.01690	.16282	.39055	.00254	.00376
Stddev	.0163	.00014	.00269	.02090	.00215	.00071	.00115
%RSD	1.3054	204.13	15.944	12.838	.55020	27.947	30.612

#1	1.2547	.00001	.01989	.15493	.38931	.00172	.00249
#2	1.2575	.00001	.01468	.18652	.39303	.00297	.00404
#3	1.2280	-.00022	.01612	.14701	.38931	.00292	.00474

Sample Name: K1525-08 Acquired: 2/19/2019 20:49:37 Type: Unk
Method: P4-ICP2(v2878) 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	-.01057	.0182	.04335	5.6476	F<.00000
Stddev	.00139	.0020	.00017	.1542	2.5879
%RSD	13.159	11.17	.38976	2.7308	9.8672
#1	-.00897	.0197	.04324	5.6466	-25.983
#2	-.01151	.0159	.04328	5.4938	-23.770
#3	-.01121	.0191	.04355	5.8023	-28.928
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2756.7	27715.	3100.0	12.470	2789.7
Stddev	8.4	120.	11.8	.517	10.5
%RSD	.30335	.43403	.38212	4.1466	.37542
#1	2747.1	27773.	3086.5	12.843	2778.6
#2	2761.1	27795.	3108.7	11.880	2791.3
#3	2762.0	27576.	3104.8	12.686	2799.3

Sample Name: K1508-04 Acquired: 2/19/2019 20:54:12 Type: Unk
Method: P4-ICP2(v2878) 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	-.00144	-.00193	.00692	-.00077	-.00011	.15713	.13174
Stddev	.00269	.00101	.00058	.00255	.00130	.02142	.01788
%RSD	186.00	52.522	8.3860	333.38	1192.4	13.634	13.574

#1	-.00331	-.00077	.00703	.00091	-.00143	.14413	.11138
#2	.00164	-.00263	.00629	-.00371	-.00006	.18185	.14488
#3	-.00266	-.00239	.00743	.00050	.00117	.14540	.13898

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00004	29.106	.00100	-.00044	.00717	.10139
Stddev	.00005	.00010	.841	.00067	.00018	.00015	.00258
%RSD	23.013	219.95	2.8886	67.488	41.373	2.1486	2.5486

#1	.00015	-.00002	28.135	.00103	-.00023	.00733	.09856
#2	.00022	-.00000	29.583	.00031	-.00056	.00713	.10197
#3	.00023	.00016	29.600	.00165	-.00053	.00703	.10363

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18109	8.1007	.00240	.00069	259.09	-.00018	.02787
Stddev	.00097	.3417	.00004	.00103	5.10	.00112	.00023
%RSD	.53781	4.2180	1.8568	149.74	1.9690	612.52	.82988

#1	.18213	7.7149	.00239	.00155	253.30	.00092	.02789
#2	.18021	8.2224	.00246	-.00045	262.94	-.00131	.02810
#3	.18092	8.3649	.00237	.00095	261.02	-.00016	.02764

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2675	-.00026	.02096	.35161	1.8998	.00309	.00236
Stddev	.0661	.00007	.00145	.00351	.0404	.00030	.00220
%RSD	2.9136	28.436	6.9093	.99878	2.1284	9.5631	93.501

#1	2.3211	-.00033	.02093	.34920	1.8531	.00307	.00484
#2	2.2877	-.00025	.02243	.34998	1.9227	.00340	.00064
#3	2.1937	-.00018	.01953	.35564	1.9236	.00281	.00158

Sample Name: K1508-04 Acquired: 2/19/2019 20:54:12 Type: Unk
 Method: P4-ICP2(v2878) 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	.01334	.0094	.08583	5.8336	F<.00000
Stddev	.00057	.0007	.00267	.1346	2.3028
%RSD	4.2728	7.053	3.1119	2.3079	7.0674

#1	.01288	.0100	.08276	5.9887	-30.926
#2	.01315	.0095	.08718	5.7660	-31.611
#3	.01398	.0087	.08756	5.7462	-35.213

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2735.9	27525.	3155.0	13.214	2733.9
Stddev	11.5	174.	69.2	1.082	9.3
%RSD	.41980	.63223	2.1947	8.1874	.34121

#1	2728.0	27330.	3234.9	13.955	2725.6
#2	2730.6	27664.	3116.3	13.716	2732.2
#3	2749.1	27581.	3113.7	11.973	2744.0

Sample Name: K1508-04DUP Acquired: 2/19/2019 20:58:46 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00268	-.00262	.00626	.00088	-.00094	.15560	.14035
Stddev	.00148	.00144	.00094	.00263	.00068	.01803	.00491
%RSD	55.360	55.051	14.992	298.37	72.075	11.587	3.4963

#1	-.00109	-.00111	.00527	.00040	-.00141	.14935	.14568
#2	-.00291	-.00278	.00637	-.00147	-.00016	.17593	.13933
#3	-.00403	-.00398	.00714	.00372	-.00125	.14153	.13602

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00012	29.802	.00105	-.00043	.00780	.08466
Stddev	.00001	.00005	.164	.00033	.00009	.00025	.00062
%RSD	3.2109	43.638	.54875	31.208	21.196	3.2465	.73583

#1	.00021	.00007	29.623	.00134	-.00044	.00760	.08478
#2	.00020	.00012	29.945	.00110	-.00034	.00773	.08398
#3	.00020	.00017	29.837	.00070	-.00052	.00808	.08521

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18193	8.2804	.00211	.00082	271.79	.00009	.02784
Stddev	.00045	.0817	.00026	.00075	1.13	.00029	.00017
%RSD	.24696	.98717	12.511	90.894	.41716	319.26	.61740

#1	.18182	8.2464	.00215	.00169	272.70	.00020	.02798
#2	.18243	8.2211	.00182	.00039	272.15	.00031	.02765
#3	.18156	8.3737	.00235	.00039	270.52	-.00024	.02789

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7773	-.00039	.01893	.34585	1.9448	.00332	.00158
Stddev	.0583	.00019	.01076	.03881	.0206	.00041	.00184
%RSD	3.2776	49.146	56.870	11.221	1.0612	12.322	116.08

#1	1.8405	-.00033	.00776	.39053	1.9531	.00378	.00103
#2	1.7655	-.00023	.01978	.32047	1.9599	.00316	.00008
#3	1.7258	-.00060	.02924	.32655	1.9213	.00301	.00363

Sample Name: K1508-04DUP Acquired: 2/19/2019 20:58:46 Type: Unk
Method: P4-ICP2(v2878) 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	.01074	.0059	.08796	5.7914	F<.00000
Stddev	.00309	.0016	.00047	.1345	5.0548
%RSD	28.736	27.50	.53786	2.3228	15.927

#1	.00871	.0072	.08753	5.8502	-26.210
#2	.00921	.0065	.08788	5.6375	-36.125
#3	.01429	.0041	.08846	5.8865	-32.876

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2736.4	27507.	3076.9	13.046	2732.0
Stddev	6.2	73.	18.9	1.152	7.1
%RSD	.22824	.26441	.61419	8.8298	.26041

#1	2740.5	27540.	3069.4	14.005	2739.3
#2	2729.2	27558.	3062.9	11.768	2725.0
#3	2739.3	27424.	3098.4	13.366	2731.7

Sample Name: CCV09 Acquired: 2/19/2019 21:03:20 Type: Unk
Method: P4-ICP2(v2878) 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	4.8108	4.7731	4.8104	4.8223	4.8096	9.5933	9.5995
Stddev	.0044	.0052	.0046	.0116	.0021	.0954	.0182
%RSD	.09089	.10814	.09517	.24062	.04412	.99481	.18993

#1	4.8065	4.7689	4.8122	4.8124	4.8087	9.4841	9.5864
#2	4.8152	4.7789	4.8138	4.8350	4.8082	9.6347	9.5918
#3	4.8106	4.7715	4.8052	4.8194	4.8121	9.6610	9.6203

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24579	2.3661	24.150	1.0089	2.4077	1.2002	4.9894
Stddev	.00048	.0033	.188	.0029	.0021	.0006	.0151
%RSD	.19688	.13773	.77967	.28883	.08669	.05061	.30311

#1	.24560	2.3697	23.937	1.0059	2.4079	1.1998	5.0053
#2	.24543	2.3634	24.294	1.0091	2.4055	1.1999	4.9879
#3	.24634	2.3651	24.219	1.0117	2.4097	1.2009	4.9751

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4684	24.437	2.3526	1.2641	24.311	2.4197	2.4229
Stddev	.0043	.225	.0025	.0053	.135	.0037	.0036
%RSD	.17223	.91939	.10592	.42352	.55398	.15353	.14632

#1	2.4660	24.220	2.3543	1.2579	24.464	2.4226	2.4264
#2	2.4659	24.669	2.3497	1.2672	24.259	2.4155	2.4193
#3	2.4733	24.422	2.3536	1.2673	24.210	2.4210	2.4230

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.745	4.8259	4.5866	4.5937	5.2355	4.7718	4.7853
Stddev	.031	.0056	.0168	.0142	.0283	.0082	.0407
%RSD	.13487	.11617	.36700	.30900	.54083	.17264	.85114

#1	22.767	4.8207	4.5699	4.6050	5.2639	4.7803	4.7392
#2	22.757	4.8253	4.6036	4.5778	5.2072	4.7638	4.8003
#3	22.710	4.8318	4.5864	4.5984	5.2353	4.7713	4.8163

Sample Name: CCV09 Acquired: 2/19/2019 21:03:20 Type: Unk
 Method: P4-ICP2(v2878) 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 4.4175	4.821	4.7870	F 5.6162	F<.00000
Stddev	.0066	.019	.0181	.0311	2.5794
%RSD	.14946	.3871	.37699	.55416	28.330

#1	4.4175	4.831	4.7662	5.5810	-7.2185
#2	4.4241	4.800	4.7969	5.6276	-12.044
#3	4.4109	4.834	4.7979	5.6400	-8.0521

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2813.0	28210.	3078.5	12.140	2790.0
Stddev	.9	58.	10.4	2.076	3.0
%RSD	.03190	.20576	.33938	17.100	.10833

#1	2812.9	28237.	3066.5	11.638	2787.1
#2	2813.9	28249.	3085.2	14.422	2793.2
#3	2812.1	28143.	3083.9	10.361	2789.7

Sample Name: CCB09 Acquired: 2/19/2019 21:07:20 Type: Unk
Method: P4-ICP2(v2878) 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	.00236	.00028	.00214	.00138	-.00226	-.01318	-.00908
Stddev	.00225	.00123	.00081	.00359	.00220	.00591	.00479
%RSD	95.552	444.57	37.742	261.17	97.531	44.853	52.713

#1	.00228	-.00108	.00306	.00263	-.00463	-.00637	-.00547
#2	.00014	.00060	.00157	.00417	-.00185	-.01617	-.01451
#3	.00465	.00131	.00178	-.00268	-.00029	-.01700	-.00727

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00001	.02642	.00043	-.00006	-.00064	.00245
Stddev	.00005	.00010	.02082	.00045	.00008	.00045	.00403
%RSD	172.61	899.49	78.794	106.21	121.59	70.176	164.30

#1	-.00003	.00012	.04058	-.00009	-.00014	-.00110	-.00220
#2	.00008	-.00007	.00252	.00074	-.00007	-.00021	.00491
#3	.00004	-.00002	.03617	.00063	.00002	-.00061	.00465

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.04000	-.00065	.00098	.14627	.00031	.00121
Stddev	.00006	.04244	.00044	.00036	.00499	.00062	.00010
%RSD	855.00	106.09	67.327	37.071	3.4142	197.89	8.0806

#1	.00002	.00790	-.00027	.00100	.15203	.00036	.00130
#2	.00006	-.07291	-.00055	.00061	.14369	.00090	.00111
#3	-.00006	-.05499	-.00113	.00133	.14310	-.00033	.00123

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44702	-.00039	.01550	-.00897	.00601	.00109	.00112
Stddev	.09376	.00028	.01399	.01215	.00124	.00067	.00054
%RSD	20.975	71.142	90.221	135.48	20.659	61.509	47.822

#1	.41357	-.00071	.00330	-.02217	.00484	.00053	.00110
#2	.55291	-.00029	.03077	.00175	.00731	.00183	.00167
#3	.37456	-.00018	.01244	-.00649	.00587	.00091	.00060

Sample Name: CCB09 Acquired: 2/19/2019 21:07:20 Type: Unk
 Method: P4-ICP2(v2878) 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	.00121	-.0008	.00004	F 4.4946	F<.00000
Stddev	.00258	.0007	.00012	.1786	.22926
%RSD	212.93	94.99	321.57	3.9746	1.8806
#1	.00361	-.0010	.00013	4.3525	-11.963
#2	.00154	-.0014	.00007	4.6951	-12.189
#3	-.00152	.0000	-.00009	4.4361	-12.422
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2939.6	29679.	3125.0	13.935	3143.6
Stddev	5.1	65.	21.4	.634	8.4
%RSD	.17347	.21750	.68611	4.5523	.26647
#1	2936.1	29753.	3111.4	13.386	3143.4
#2	2937.2	29633.	3149.7	13.789	3135.4
#3	2945.4	29651.	3113.8	14.630	3152.1

Sample Name: K1508-04LX5 Acquired: 2/19/2019 21:11:48 Type: Unk
Method: P4-ICP2(v2878) 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	-.00162	-.00124	.00464	-.00118	.00018	.01887	.02125
Stddev	.00206	.00095	.00083	.00285	.00109	.01708	.00347
%RSD	127.08	76.936	17.821	242.11	594.24	90.510	16.323

#1	.00067	-.00022	.00537	.00178	.00000	.01478	.02088
#2	-.00332	-.00140	.00374	-.00139	.00135	.00421	.01798
#3	-.00222	-.00210	.00480	-.00392	-.00080	.03763	.02488

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00006	6.2840	.00044	-.00019	.00140	.01712
Stddev	.00005	.00005	.0581	.00026	.00043	.00040	.00027
%RSD	43.077	86.704	.92465	57.745	225.35	28.782	1.6063

#1	.00007	-.00003	6.2233	.00020	-.00033	.00104	.01722
#2	.00017	-.00012	6.2896	.00071	-.00054	.00184	.01680
#3	.00011	-.00003	6.3391	.00042	.00029	.00133	.01732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03832	1.7463	-.00064	.00066	59.110	-.00023	.00725
Stddev	.00009	.0217	.00037	.00070	.452	.00042	.00001
%RSD	.23362	1.2443	57.228	105.64	.76429	180.01	.18969

#1	.03842	1.7455	-.00077	.00027	58.700	.00025	.00724
#2	.03830	1.7251	-.00022	.00025	59.034	-.00043	.00724
#3	.03825	1.7685	-.00092	.00148	59.594	-.00051	.00726

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68782	-.00043	.01302	.07107	.43484	.00256	.00133
Stddev	.03003	.00028	.00399	.02005	.00510	.00085	.00059
%RSD	4.3664	63.927	30.666	28.217	1.1727	33.049	44.833

#1	.70025	-.00019	.01088	.04803	.43762	.00307	.00083
#2	.65357	-.00037	.01763	.08463	.42895	.00158	.00198
#3	.70964	-.00073	.01055	.08056	.43794	.00302	.00117

Sample Name: K1508-04LX5 Acquired: 2/19/2019 21:11:48 Type: Unk
Method: P4-ICP2(v2878) 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	-.00032	.0030	.01853	4.9987	F<.00000
Stddev	.00162	.0015	.00026	.1087	.98309
%RSD	508.43	52.06	1.4125	2.1746	5.2994

#1	-.00116	.0040	.01833	4.9880	-19.682
#2	.00155	.0037	.01844	5.1123	-18.071
#3	-.00135	.0012	.01883	4.8957	-17.900

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2859.2	28808.	3086.7	13.150	2948.4
Stddev	15.3	133.	11.6	.440	14.6
%RSD	.53567	.46032	.37570	3.3468	.49435

#1	2863.2	28737.	3087.5	13.655	2948.5
#2	2842.3	28725.	3097.9	12.849	2933.8
#3	2872.1	28961.	3074.8	12.946	2962.9

Sample Name: K1508-04MS Acquired: 2/19/2019 21:16:15 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85959	2.0471	1.0416	2.1648	.86753	2.2941	.34074	.21919	.20705
Stddev	.00231	.0009	.0019	.0025	.00433	.0311	.00362	.00045	.00033
%RSD	.26887	.04373	.18576	.11559	.49966	1.3549	1.0624	.20578	.15771

#1	.86081	2.0463	1.0408	2.1623	.86955	2.2607	.33930	.21965	.20712
#2	.86103	2.0470	1.0401	2.1673	.87049	2.2994	.33805	.21875	.20669
#3	.85692	2.0481	1.0438	2.1649	.86256	2.3222	.34485	.21919	.20734

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.124	.45503	.21374	.32568	3.3378	.38350	9.9708	.52068	.08040
Stddev	.214	.00210	.00111	.00079	.0214	.00121	.0792	.00090	.00095
%RSD	.73418	.46254	.51847	.24275	.64122	.31622	.79434	.17314	1.1814

#1	28.916	.45739	.21452	.32506	3.3578	.38456	9.8947	.51991	.08149
#2	29.114	.45434	.21423	.32539	3.3403	.38218	9.9648	.52167	.07980
#3	29.343	.45335	.21247	.32657	3.3153	.38377	10.053	.52046	.07990

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	262.98	.33269	.24324	11.621	.45767	.32472	.29339	2.8093	.77046
Stddev	1.82	.00088	.00043	.068	.00094	.00476	.01791	.0232	.00136
%RSD	.69257	.26302	.17739	.58285	.20613	1.4662	6.1032	.82527	.17668

#1	264.15	.33370	.24373	11.565	.45798	.31952	.31249	2.8080	.76899
#2	263.92	.33217	.24292	11.603	.45843	.32578	.29071	2.8331	.77073
#3	260.88	.33220	.24308	11.696	.45662	.32886	.27698	2.7868	.77167

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23010	.21241	6.431	.28905	6.0374	23.905
Stddev	.00334	.00101	.013	.00157	.1339	4.749
%RSD	1.4505	.47326	.2064	.54211	2.2179	19.865

#1	.23252	.21208	6.419	.28970	6.1827	29.377
#2	.22629	.21160	6.445	.29019	5.9189	20.867
#3	.23148	.21353	6.428	.28726	6.0106	21.470

Sample Name: K1508-04MS Acquired: 2/19/2019 21:16:15 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2736.4	27384.	3028.1	13.222	2736.3
Stddev	12.4	174.	23.0	.790	11.5
%RSD	.45151	.63523	.76034	5.9750	.41966
#1	2727.5	27209.	3007.4	12.866	2725.4
#2	2731.1	27557.	3024.0	12.673	2735.1
#3	2750.5	27385.	3052.9	14.127	2748.3

Sample Name: K1508-04MSD Acquired: 2/19/2019 21:20:29 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85114	2.0503	1.0386	2.1654	.86477	2.2923	.33263	.21689	.20645
Stddev	.00377	.0043	.0011	.0049	.00261	.0735	.00628	.00028	.00016
%RSD	.44320	.20907	.10204	.22507	.30239	3.2058	1.8872	.12728	.07620
#1	.84897	2.0503	1.0383	2.1676	.86404	2.2756	.33512	.21680	.20642
#2	.85549	2.0545	1.0398	2.1598	.86768	2.2287	.32550	.21720	.20662
#3	.84895	2.0459	1.0377	2.1687	.86261	2.3728	.33729	.21667	.20631
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.677	.45307	.21329	.32603	3.3134	.37922	9.8044	.52007	.07913
Stddev	.079	.00138	.00113	.00008	.0417	.00107	.0960	.00192	.00085
%RSD	.27700	.30406	.53099	.02508	1.2583	.28320	.97942	.36944	1.0800
#1	28.601	.45332	.21249	.32609	3.3241	.37862	9.6948	.51830	.07885
#2	28.672	.45158	.21459	.32607	3.3487	.37859	9.8451	.52211	.07846
#3	28.759	.45430	.21280	.32594	3.2674	.38046	9.8734	.51981	.08009
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	255.35	.33014	.24304	11.470	.45541	.34684	.31188	2.7853	.76880
Stddev	1.87	.00039	.00038	.142	.00085	.00459	.00868	.0322	.00370
%RSD	.73180	.11664	.15503	1.2357	.18735	1.3235	2.7838	1.1545	.48186
#1	254.03	.33002	.24261	11.583	.45611	.35208	.31780	2.7692	.76469
#2	257.49	.33057	.24322	11.311	.45564	.34352	.30191	2.8223	.77188
#3	254.54	.32983	.24329	11.517	.45446	.34491	.31593	2.7643	.76984
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22513	.21503	6.433	.28844	5.8996	23.747			
Stddev	.00102	.00480	.022	.00118	.0856	1.539			
%RSD	.45190	2.2320	.3360	.40850	1.4516	6.4797			
#1	.22566	.21081	6.421	.28777	5.9976	24.528			
#2	.22396	.21404	6.458	.28775	5.8394	21.974			
#3	.22578	.22025	6.420	.28980	5.8618	24.739			

Sample Name: K1508-04MSD Acquired: 2/19/2019 21:20:29 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2754.5	27688.	3055.7	13.336	2750.9
Stddev	13.1	130.	28.8	1.641	8.3
%RSD	.47387	.47084	.94376	12.301	.30031
#1	2739.4	27658.	3045.9	14.130	2741.6
#2	2762.2	27831.	3033.0	11.450	2754.0
#3	2761.8	27576.	3088.2	14.430	2757.3

Sample Name: K1508-04A Acquired: 2/19/2019 21:24:44 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85401	2.0572	1.0428	2.1746	.86652	2.2527	.33228	.21428	.20722
Stddev	.00269	.0031	.0020	.0061	.00396	.0633	.01310	.00601	.00024
%RSD	.31493	.14837	.18891	.28179	.45685	2.8109	3.9423	2.8063	.11660

#1	.85665	2.0607	1.0448	2.1794	.86487	2.2417	.31851	.21753	.20746
#2	.85127	2.0555	1.0428	2.1677	.87104	2.3208	.34458	.21796	.20698
#3	.85410	2.0554	1.0409	2.1768	.86366	2.1956	.33375	.20734	.20722

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.631	.44905	.21421	.32669	3.3092	.37683	9.8357	.52180	.07945
Stddev	.669	.01110	.00055	.00033	.0439	.00982	.1831	.00007	.00196
%RSD	2.3369	2.4728	.25703	.10163	1.3255	2.6047	1.8613	.01289	2.4635

#1	27.860	.45717	.21485	.32703	3.2602	.38301	9.6243	.52180	.08106
#2	28.984	.45359	.21390	.32667	3.3229	.38196	9.9421	.52187	.08003
#3	29.051	.43640	.21389	.32637	3.3447	.36551	9.9407	.52173	.07727

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	254.67	.32679	.24351	11.444	.45750	.33796	.28985	2.8196	.77243
Stddev	5.64	.00917	.00046	.294	.00044	.01730	.01851	.0415	.00389
%RSD	2.2156	2.8053	.18902	2.5682	.09571	5.1191	6.3876	1.4736	.50323

#1	248.34	.33279	.24404	11.109	.45717	.32630	.30983	2.7762	.77504
#2	256.52	.33134	.24330	11.662	.45733	.35783	.28645	2.8236	.76797
#3	259.16	.31624	.24320	11.560	.45800	.32973	.27327	2.8590	.77430

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22367	.21581	6.459	.28635	5.7153	25.998
Stddev	.00495	.00489	.005	.00677	.4526	2.342
%RSD	2.2152	2.2652	.0786	2.3627	7.9185	9.0087

#1	.21906	.21029	6.464	.27868	6.1065	25.161
#2	.22891	.21756	6.453	.29146	5.8196	24.188
#3	.22305	.21959	6.460	.28891	5.2196	28.643

Sample Name: K1508-04A Acquired: 2/19/2019 21:24:44 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2735.6	27921.	3066.9	12.776	2729.1
Stddev	7.2	682.	39.1	.594	4.4
%RSD	.26395	2.4443	1.2744	4.6520	.16048
#1	2729.8	27418.	3106.0	12.136	2724.0
#2	2733.3	27648.	3067.0	13.311	2731.2
#3	2743.6	28698.	3027.8	12.879	2732.0

Sample Name: K1508-08 Acquired: 2/19/2019 21:28:59 Type: Unk
Method: P4-ICP2(v2878) 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	-.00323	-.00011	.00384	.00392	-.00101	.03942	.04952
Stddev	.00260	.00207	.00084	.00279	.00170	.02807	.00194
%RSD	80.537	1877.0	21.783	71.222	168.16	71.208	3.9218

#1	-.00214	.00102	.00328	.00643	-.00174	.01127	.04737
#2	-.00136	-.00250	.00480	.00442	.00093	.06742	.05005
#3	-.00620	.00115	.00344	.00091	-.00222	.03958	.05114

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00013	3.9664	.00144	-.00047	.00225	.03578
Stddev	.00001	.00005	.0155	.00025	.00021	.00046	.00163
%RSD	10.416	39.257	.39048	17.406	43.996	20.634	4.5455

#1	.00015	-.00010	3.9514	.00166	-.00052	.00268	.03765
#2	.00014	-.00009	3.9653	.00151	-.00024	.00176	.03471
#3	.00012	-.00018	3.9824	.00117	-.00065	.00230	.03498

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01062	.84870	.00068	.00106	281.69	.00037	.01797
Stddev	.00011	.05266	.00037	.00066	2.40	.00026	.00009
%RSD	1.0662	6.2043	53.676	62.649	.85053	68.814	.48746

#1	.01066	.83889	.00032	.00177	283.36	.00065	.01791
#2	.01071	.80164	.00106	.00094	282.77	.00031	.01793
#3	.01050	.90557	.00067	.00046	278.95	.00015	.01807

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86966	-.00036	.02644	.08909	.29818	.00357	.00143
Stddev	.02056	.00015	.00743	.02309	.00387	.00043	.00142
%RSD	2.3645	41.216	28.120	25.919	1.2990	11.990	99.500

#1	.86256	-.00050	.03447	.06900	.29604	.00343	-.00020
#2	.89284	-.00021	.01979	.11432	.30265	.00323	.00243
#3	.85359	-.00037	.02506	.08395	.29584	.00405	.00205

Sample Name: K1508-08 Acquired: 2/19/2019 21:28:59 Type: Unk
 Method: P4-ICP2(v2878) 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	.00537	.1320	.02258	5.6582	F<.00000
Stddev	.00366	.0004	.00009	.3253	3.7425
%RSD	68.199	.3017	.39269	5.7487	13.150

#1	.00958	.1317	.02250	6.0017	-24.163
#2	.00353	.1319	.02267	5.3549	-31.001
#3	.00299	.1325	.02257	5.6179	-30.217

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2749.4	27515.	3093.5	13.691	2759.7
Stddev	3.9	207.	39.3	1.322	5.6
%RSD	.14349	.75342	1.2697	9.6533	.20202

#1	2752.7	27275.	3059.5	12.627	2765.1
#2	2750.4	27639.	3084.6	15.170	2760.0
#3	2745.0	27630.	3136.5	13.275	2753.9

Sample Name: K1508-12 Acquired: 2/19/2019 21:33:36 Type: Unk
Method: P4-ICP2(v2878) 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	-.00305	-.00093	.00404	.00036	.00091	.05813	.07746
Stddev	.00162	.00169	.00037	.00259	.00182	.00413	.00254
%RSD	53.191	180.89	9.1744	721.84	199.53	7.1110	3.2747

#1	-.00490	-.00157	.00414	.00326	-.00092	.06090	.07520
#2	-.00187	-.00222	.00436	-.00172	.00271	.05338	.07697
#3	-.00237	.00098	.00364	-.00047	.00094	.06012	.08020

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00018	10.160	.00130	-.00056	.00914	.02042
Stddev	.00004	.00007	.126	.00019	.00043	.00033	.00130
%RSD	51.686	41.111	1.2390	14.718	77.788	3.6072	6.3489

#1	.00009	-.00010	10.015	.00109	-.00010	.00890	.02152
#2	.00003	-.00019	10.230	.00146	-.00060	.00951	.01899
#3	.00010	-.00025	10.237	.00135	-.00097	.00900	.02074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04411	1.2165	.00037	.00092	263.24	-.00022	.01871
Stddev	.00009	.0408	.00037	.00056	1.69	.00059	.00024
%RSD	.20103	3.3517	99.958	61.108	.64198	268.88	1.2843

#1	.04401	1.2564	.00079	.00136	262.70	.00038	.01872
#2	.04419	1.2182	.00011	.00112	265.13	-.00079	.01846
#3	.04412	1.1749	.00021	.00029	261.88	-.00025	.01894

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6103	-.00035	.01611	.26897	.74357	.00218	.00103
Stddev	.0134	.00013	.00569	.02191	.00227	.00071	.00176
%RSD	.83306	37.917	35.298	8.1470	.30562	32.462	170.42

#1	1.5986	-.00026	.01331	.24623	.74532	.00273	.00304
#2	1.6249	-.00028	.02266	.28994	.74100	.00241	.00036
#3	1.6073	-.00050	.01237	.27074	.74438	.00138	-.00029

Sample Name: K1508-12 Acquired: 2/19/2019 21:33:36 Type: Unk
 Method: P4-ICP2(v2878) 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	.00692	.0220	.05491	5.7614	F<.00000
Stddev	.00113	.0010	.00036	.2142	.62555
%RSD	16.354	4.667	.66268	3.7174	2.2565

#1	.00788	.0220	.05449	5.9441	-27.372
#2	.00567	.0231	.05514	5.8145	-28.444
#3	.00720	.0210	.05511	5.5257	-27.350

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2770.9	27632.	3097.8	12.539	2786.1
Stddev	4.1	233.	7.3	1.687	5.7
%RSD	.14883	.84406	.23493	13.453	.20382

#1	2771.8	27515.	3095.2	10.591	2779.6
#2	2766.4	27481.	3092.2	13.516	2789.3
#3	2774.6	27901.	3106.0	13.509	2789.5

Sample Name: K1508-16 Acquired: 2/19/2019 21:38:11 Type: Unk
Method: P4-ICP2(v2878) 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	-.00293	-.00257	.00311	.00257	.00025	.07350	.04267
Stddev	.00098	.00141	.00053	.00179	.00130	.01100	.00423
%RSD	33.364	54.774	17.197	69.858	525.51	14.971	9.9064

#1	-.00320	-.00402	.00338	.00087	-.00125	.06261	.04723
#2	-.00185	-.00121	.00249	.00444	.00101	.08462	.03889
#3	-.00376	-.00249	.00345	.00239	.00099	.07328	.04189

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00012	3.0623	.00188	-.00047	.00170	.03039
Stddev	.00008	.00015	.0333	.00019	.00015	.00035	.00102
%RSD	92.447	125.91	1.0859	9.9262	31.839	20.497	3.3671

#1	.00018	.00005	3.0299	.00175	-.00034	.00203	.03148
#2	.00008	-.00026	3.0608	.00209	-.00043	.00174	.03023
#3	.00001	-.00015	3.0964	.00179	-.00063	.00134	.02946

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00904	.24147	.00120	.00066	264.38	-.00001	.01138
Stddev	.00007	.01221	.00020	.00039	2.13	.00109	.00006
%RSD	.81724	5.0562	16.505	58.765	.80693	17724.	.53215

#1	.00897	.23645	.00114	.00080	265.12	-.00076	.01133
#2	.00904	.25539	.00142	.00096	261.98	-.00050	.01136
#3	.00912	.23258	.00104	.00022	266.05	.00124	.01144

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93450	-.00022	.01213	.18853	.23141	.00326	.00338
Stddev	.05048	.00013	.01167	.00959	.00272	.00016	.00473
%RSD	5.4013	59.267	96.225	5.0879	1.1771	4.9004	140.00

#1	.90115	-.00007	.00282	.18461	.23290	.00336	.00126
#2	.90979	-.00032	.02523	.19946	.22826	.00307	.00880
#3	.99257	-.00027	.00835	.18151	.23306	.00333	.00008

Sample Name: K1508-16 Acquired: 2/19/2019 21:38:11 Type: Unk
 Method: P4-ICP2(v2878) 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	.00702	.0167	.02196	5.5006	F<.00000
Stddev	.00062	.0018	.00012	.0508	3.2907
%RSD	8.7928	10.86	.53718	.92260	15.393

#1	.00694	.0187	.02183	5.5524	-21.176
#2	.00767	.0152	.02201	5.4510	-18.193
#3	.00644	.0163	.02205	5.4982	-24.765

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2763.5	27847.	3123.7	13.958	2775.8
Stddev	3.3	53.	34.4	.442	2.3
%RSD	.11819	.18950	1.1003	3.1663	.08273

#1	2763.8	27808.	3094.5	14.291	2777.3
#2	2760.1	27907.	3161.6	13.457	2773.2
#3	2766.7	27825.	3115.0	14.127	2777.0

Sample Name: K1511-02 Acquired: 2/19/2019 21:42:48 Type: Unk
Method: P4-ICP2(v2878) 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	-.00242	-.00234	.00622	.00280	.00028	.32859	.03516
Stddev	.00226	.00168	.00058	.00120	.00177	.00972	.00377
%RSD	93.644	71.601	9.3845	42.829	626.73	2.9594	10.712

#1	-.00023	-.00269	.00554	.00146	-.00151	.31737	.03153
#2	-.00227	-.00052	.00652	.00316	.00204	.33372	.03905
#3	-.00475	-.00381	.00659	.00378	.00031	.33468	.03490

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	-.00029	13.450	.00159	.00041	.00122	1.0485
Stddev	.00008	.00003	.319	.00041	.00031	.00051	.0151
%RSD	31.883	9.9882	2.3721	25.990	75.476	41.878	1.4407

#1	.00020	-.00031	13.083	.00164	.00077	.00170	1.0316
#2	.00034	-.00031	13.660	.00115	.00026	.00069	1.0607
#3	.00021	-.00026	13.606	.00197	.00020	.00126	1.0532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15315	.66058	.00290	.00008	274.76	.00007	.02216
Stddev	.00042	.07620	.00022	.00037	4.80	.00046	.00004
%RSD	.27246	11.536	7.5136	450.32	1.7466	607.47	.18368

#1	.15359	.57727	.00312	.00050	269.23	.00022	.02220
#2	.15310	.67773	.00291	-.00005	277.28	.00044	.02216
#3	.15276	.72675	.00268	-.00020	277.77	-.00043	.02212

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0725	-.00034	.05867	.04666	.86870	.00355	.00027
Stddev	.0909	.00012	.00369	.02747	.00503	.00094	.00157
%RSD	2.2310	34.311	6.2838	58.872	.57948	26.423	580.87

#1	4.0057	-.00034	.06109	.02057	.86296	.00464	-.00020
#2	4.1760	-.00022	.06050	.07533	.87081	.00303	-.00101
#3	4.0359	-.00045	.05443	.04409	.87234	.00299	.00203

Sample Name: K1511-02 Acquired: 2/19/2019 21:42:48 Type: Unk
Method: P4-ICP2(v2878) 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	.01052	.0025	.01991	5.6394	F<.00000
Stddev	.00306	.0020	.00042	.1257	1.4912
%RSD	29.116	78.21	2.1266	2.2298	8.4455
#1	.00784	.0041	.01942	5.6902	-19.361
#2	.00987	.0003	.02011	5.7318	-17.021
#3	.01386	.0032	.02020	5.4962	-16.589
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2769.5	27757.	3107.2	13.224	2763.6
Stddev	10.8	118.	35.2	.866	12.1
%RSD	.39058	.42636	1.1344	6.5450	.43813
#1	2760.9	27657.	3147.9	12.339	2755.6
#2	2766.0	27726.	3086.0	13.266	2757.7
#3	2781.6	27888.	3087.8	14.068	2777.6

Sample Name: K1513-02 Acquired: 2/19/2019 21:47:22 Type: Unk
Method: P4-ICP2(v2878) 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	-.00380	-.00270	.00694	-.00015	-.00293	.06048	.01938
Stddev	.00168	.00233	.00093	.00206	.00083	.01415	.00839
%RSD	44.099	86.483	13.438	1344.0	28.392	23.404	43.302

#1	-.00230	-.00437	.00592	-.00096	-.00200	.07047	.02394
#2	-.00561	-.00003	.00775	.00219	-.00318	.04428	.00970
#3	-.00349	-.00369	.00714	-.00169	-.00360	.06668	.02451

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00031	141.33	.02136	-.00035	.00056	.00124
Stddev	.00003	.00008	.27	.00043	.00022	.00013	.00070
%RSD	50.744	24.697	.19199	2.0157	62.213	23.091	56.287

#1	.00002	-.00036	141.22	.02131	-.00035	.00064	.00103
#2	.00006	-.00036	141.14	.02096	-.00056	.00063	.00202
#3	.00007	-.00022	141.65	.02181	-.00013	.00041	.00067

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.03464	-.00196	.00014	240.59	.00411	.00167
Stddev	.00007	.04208	.00010	.00018	3.36	.00044	.00015
%RSD	98.874	121.48	5.0602	128.11	1.3960	10.707	9.0440

#1	.00003	.00725	-.00189	.00034	240.88	.00461	.00185
#2	.00016	.01358	-.00192	-.00002	237.09	.00392	.00157
#3	.00004	.08308	-.00207	.00011	243.79	.00379	.00160

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0920	.00036	.02882	4.2215	3.6508	.00259	-.00389
Stddev	.0535	.00028	.01195	.0326	.0665	.00104	.00176
%RSD	1.0502	78.660	41.473	.77344	1.8221	40.052	45.383

#1	5.0501	.00041	.01524	4.2185	3.7189	.00174	-.00349
#2	5.1522	.00062	.03775	4.2556	3.5860	.00375	-.00235
#3	5.0736	.00006	.03346	4.1905	3.6475	.00229	-.00581

Sample Name: K1513-02 Acquired: 2/19/2019 21:47:22 Type: Unk
Method: P4-ICP2(v2878) 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	.02574	.0023	.97477	5.6560	F<.00000
Stddev	.00089	.0014	.00068	.1744	1.7172
%RSD	3.4384	59.99	.06953	3.0834	3.4316
#1	.02659	.0013	.97447	5.4745	-48.843
#2	.02581	.0018	.97429	5.8223	-49.272
#3	.02482	.0039	.97554	5.6711	-52.008
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2719.0	27384.	3087.9	13.519	2723.1
Stddev	7.5	79.	27.8	1.461	7.3
%RSD	.27415	.28750	.90014	10.810	.26798
#1	2716.7	27386.	3057.6	12.027	2729.4
#2	2712.9	27305.	3112.1	13.581	2715.1
#3	2727.3	27462.	3094.2	14.948	2724.7

Sample Name: K1513-04 Acquired: 2/19/2019 21:51:57 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	-.00269	.01004	.00110	-.00017	.02583	.03535
Stddev	.00185	.00187	.00121	.00307	.00121	.01212	.00078
%RSD	215.95	69.494	12.082	279.30	715.43	46.943	2.2035

#1	.00023	-.00473	.01029	-.00026	-.00068	.01330	.03473
#2	-.00298	-.00106	.00872	.00462	-.00104	.02667	.03622
#3	.00019	-.00228	.01110	-.00106	.00121	.03750	.03509

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00032	140.75	.00388	-.00036	-.00034	-.00288
Stddev	.00011	.00010	.92	.00043	.00032	.00043	.00189
%RSD	110.43	31.736	.65270	11.057	89.169	126.36	65.871

#1	.00021	-.00022	139.78	.00434	-.00045	.00012	-.00336
#2	-.00001	-.00042	140.85	.00349	-.00062	-.00072	-.00078
#3	.00010	-.00033	141.61	.00382	-.00000	-.00041	-.00448

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01520	43.682	-.00041	.00005	282.12	.00228	.00881
Stddev	.00002	.324	.00038	.00014	5.18	.00067	.00018
%RSD	.10568	.74195	91.218	261.47	1.8346	29.267	1.9977

#1	.01521	43.430	-.00065	.00021	279.13	.00297	.00890
#2	.01520	43.569	-.00062	-.00005	279.13	.00164	.00861
#3	.01518	44.048	.00002	-.00000	288.10	.00224	.00894

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9777	.00063	.04832	9.9033	6.1618	.00156	-.00510
Stddev	.0328	.00011	.02194	.0787	.0459	.00079	.00252
%RSD	.54855	18.296	45.406	.79494	.74423	50.760	49.494

#1	5.9994	.00050	.03688	9.9878	6.2013	.00105	-.00356
#2	5.9400	.00071	.03446	9.8899	6.1115	.00116	-.00801
#3	5.9937	.00067	.07361	9.8321	6.1727	.00248	-.00373

Sample Name: K1513-04 Acquired: 2/19/2019 21:51:57 Type: Unk
 Method: P4-ICP2(v2878) 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	.04515	.0075	.62503	5.9082	F<.00000
Stddev	.00139	.0012	.00468	.0353	1.8697
%RSD	3.0755	16.58	.74896	.59804	3.8465

#1	.04429	.0089	.62089	5.9438	-50.764
#2	.04442	.0072	.62410	5.8731	-47.456
#3	.04676	.0065	.63011	5.9076	-47.600

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2683.5	27176.	3066.3	12.356	2677.9
Stddev	.7	108.	11.0	.405	8.4
%RSD	.02595	.39794	.35811	3.2778	.31244

#1	2683.4	27059.	3055.6	12.688	2669.6
#2	2684.2	27196.	3077.6	11.905	2686.3
#3	2682.9	27273.	3065.8	12.475	2677.9

Sample Name: CCV10 Acquired: 2/19/2019 21:56:31 Type: Unk
Method: P4-ICP2(v2878) 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	4.7685	4.7289	4.7413	4.7857	4.7590	9.4953	9.3988
Stddev	.0190	.0097	.0060	.0250	.0212	.2259	.0971
%RSD	.39807	.20502	.12679	.52191	.44533	2.3791	1.0333

#1	4.7573	4.7223	4.7468	4.7742	4.7575	9.4485	9.3469
#2	4.7576	4.7400	4.7422	4.7686	4.7385	9.7409	9.3387
#3	4.7904	4.7244	4.7349	4.8144	4.7809	9.2965	9.5108

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24246	2.3384	23.959	1.0020	2.3767	1.1957	4.9514
Stddev	.00249	.0026	.350	.0149	.0037	.0056	.0795
%RSD	1.0260	.11258	1.4598	1.4883	.15720	.46568	1.6053

#1	.24275	2.3392	23.559	1.0083	2.3754	1.1929	4.9227
#2	.24480	2.3405	24.106	1.0127	2.3810	1.1922	4.8902
#3	.23985	2.3355	24.211	.98494	2.3739	1.2022	5.0412

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4373	24.303	2.3278	1.2479	23.955	2.3897	2.3889
Stddev	.0315	.506	.0028	.0150	.126	.0290	.0043
%RSD	1.2922	2.0806	.12216	1.2015	.52800	1.2138	.17930

#1	2.4475	23.786	2.3311	1.2562	24.004	2.4001	2.3888
#2	2.4624	24.327	2.3266	1.2570	23.811	2.4120	2.3933
#3	2.4019	24.797	2.3258	1.2306	24.049	2.3569	2.3847

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.998	4.7805	4.5270	F 4.4920	5.0745	4.7092	4.7283
Stddev	.186	.0237	.0323	.0198	.0839	.0143	.0594
%RSD	.84447	.49548	.71322	.44143	1.6541	.30278	1.2552

#1	22.029	4.7715	4.4900	4.4813	5.0673	4.6996	4.6714
#2	21.799	4.7627	4.5414	4.5149	4.9944	4.7256	4.7237
#3	22.166	4.8074	4.5496	4.4799	5.1618	4.7024	4.7899

Sample Name: CCV10 Acquired: 2/19/2019 21:56:31 Type: Unk
Method: P4-ICP2(v2878) 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 4.3046	4.742	4.6934	5.4232	F<.00000
Stddev	.0419	.014	.0596	.1994	.96883
%RSD	.97290	.2952	1.2694	3.6761	7.2643

#1	4.2826	4.726	4.6494	5.5679	-12.709
#2	4.2783	4.751	4.6696	5.5058	-14.453
#3	4.3529	4.749	4.7612	5.1958	-12.849

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2845.2	28689.	3130.5	12.968	2833.1
Stddev	14.1	404.	43.7	1.304	1.9
%RSD	.49447	1.4083	1.3971	10.054	.06742

#1	2847.7	28538.	3144.1	11.883	2831.0
#2	2857.8	28382.	3165.9	14.414	2833.7
#3	2830.0	29146.	3081.6	12.605	2834.7

Sample Name: CCB10 Acquired: 2/19/2019 22:00:30 Type: Unk
Method: P4-ICP2(v2878) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00208	.00104	.00274	-.00108	-.00090	-.02497	-.01196
Stddev	.00182	.00147	.00053	.00057	.00195	.01278	.01195
%RSD	87.481	141.32	19.183	52.957	217.37	51.159	99.920

#1	-.00191	-.00066	.00230	-.00072	-.00022	-.01442	.00154
#2	-.00397	.00185	.00260	-.00078	.00063	-.02132	-.02119
#3	-.00035	.00193	.00333	-.00174	-.00309	-.03918	-.01624

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00008	.00806	.00043	-.00030	-.00050	.00469
Stddev	.00019	.00005	.00598	.00014	.00002	.00043	.00179
%RSD	432.94	70.765	74.171	32.342	7.5182	84.964	38.262

#1	.00018	.00009	.00118	.00045	-.00027	-.00010	.00662
#2	.00013	.00002	.01199	.00055	-.00030	-.00095	.00308
#3	-.00018	.00012	.01101	.00028	-.00032	-.00046	.00437

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00870	-.00069	.00026	.11669	-.00027	.00119
Stddev	.00004	.00753	.00018	.00024	.02153	.00007	.00007
%RSD	150.89	86.599	26.432	93.126	18.450	24.517	5.6698

#1	-.00001	-.01350	-.00056	.00048	.13361	-.00021	.00118
#2	-.00007	-.01257	-.00061	.00000	.09246	-.00034	.00126
#3	.00000	-.00002	-.00090	.00030	.12401	-.00027	.00113

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32796	-.00003	.01357	-.00059	.00559	.00093	.00170
Stddev	.07127	.00016	.00532	.00574	.00206	.00038	.00190
%RSD	21.732	632.01	39.210	976.61	36.785	40.476	111.75

#1	.26823	.00012	.01916	-.00333	.00495	.00100	.00167
#2	.40685	-.00020	.00856	-.00445	.00790	.00052	.00361
#3	.30880	.00000	.01299	.00601	.00394	.00127	-.00019

Sample Name: CCB10 Acquired: 2/19/2019 22:00:30 Type: Unk
 Method: P4-ICP2(v2878) 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	.00174	.0010	.00007	F 3.9747	F<.00000
Stddev	.00124	.0015	.00018	.0413	6.1039
%RSD	71.356	152.4	267.61	1.0392	71.312
#1	.00041	.0019	.00021	3.9630	-6.2643
#2	.00194	-.0007	.00013	4.0205	-3.9357
#3	.00287	.0018	-.00014	3.9404	-15.478
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3006.2	30179.	3153.7	12.405	3211.6
Stddev	20.4	111.	174.0	.977	18.7
%RSD	.67903	.36719	5.5174	7.8749	.58132
#1	2982.6	30187.	2964.5	11.875	3190.1
#2	3017.9	30065.	3306.9	11.807	3222.7
#3	3018.0	30286.	3189.5	13.532	3222.0

Sample Name: K1513-06 Acquired: 2/19/2019 22:04:58 Type: Unk
Method: P4-ICP2(v2878) 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	-.00513	-.00302	.00862	.00371	-.00215	.02554	.04199
Stddev	.00271	.00065	.00056	.00269	.00149	.00629	.00828
%RSD	52.804	21.547	6.5100	72.457	69.337	24.616	19.725

#1	-.00212	-.00333	.00801	.00624	-.00043	.03186	.04561
#2	-.00591	-.00345	.00872	.00088	-.00293	.01929	.04785
#3	-.00737	-.00227	.00912	.00401	-.00309	.02546	.03251

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00032	132.52	.00502	-.00052	.00080	-.00287
Stddev	.00008	.00008	1.30	.00088	.00022	.00033	.00350
%RSD	275.24	25.924	.98035	17.572	41.437	41.378	121.84

#1	-.00002	-.00042	132.61	.00409	-.00027	.00061	-.00644
#2	.00012	-.00028	133.77	.00585	-.00061	.00118	.00056
#3	-.00001	-.00028	131.18	.00512	-.00068	.00061	-.00274

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01230	26.393	.00014	-.00008	240.61	.00178	.01754
Stddev	.00009	.058	.00040	.00071	.95	.00075	.00007
%RSD	.72952	.22033	283.89	930.71	.39633	41.777	.39553

#1	.01234	26.339	.00052	.00022	240.81	.00214	.01761
#2	.01236	26.454	-.00028	.00044	241.45	.00093	.01754
#3	.01220	26.386	.00018	-.00089	239.57	.00229	.01747

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7704	.00029	.04398	4.8039	5.0485	.00242	-.00059
Stddev	.0139	.00027	.00489	.0278	.0803	.00149	.00058
%RSD	.50243	94.370	11.120	.57952	1.5908	61.581	99.152

#1	2.7543	.00007	.03839	4.7721	5.1367	.00359	-.00015
#2	2.7795	.00059	.04607	4.8234	5.0294	.00294	-.00036
#3	2.7773	.00020	.04748	4.8163	4.9795	.00074	-.00125

Sample Name: K1513-06 Acquired: 2/19/2019 22:04:58 Type: Unk
 Method: P4-ICP2(v2878) 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	.02945	.0028	.59434	5.9995	F<.00000
Stddev	.00211	.0009	.00519	.0879	2.1811
%RSD	7.1541	30.94	.87348	1.4650	4.6882
#1	.02827	.0027	.59486	5.9209	-45.030
#2	.02819	.0038	.59924	6.0944	-49.027
#3	.03188	.0020	.58890	5.9832	-45.515
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2700.5	27187.	3071.5	12.210	2703.2
Stddev	13.5	26.	34.3	.629	15.8
%RSD	.50081	.09416	1.1173	5.1520	.58412
#1	2704.1	27169.	3048.7	11.642	2703.6
#2	2685.5	27175.	3054.9	12.102	2687.3
#3	2711.8	27216.	3111.0	12.887	2718.8

Sample Name: K1517-10 Acquired: 2/19/2019 22:09:33 Type: Unk
Method: P4-ICP2(v2878) 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	-.00272	-.00172	.00711	.00056	-.00161	.06538	.16203
Stddev	.00307	.00207	.00118	.00194	.00075	.00497	.00568
%RSD	112.63	120.07	16.614	349.22	46.618	7.6082	3.5072

#1	-.00486	-.00312	.00605	.00239	-.00217	.05965	.15780
#2	.00079	-.00271	.00691	.00076	-.00190	.06860	.16849
#3	-.00410	.00065	.00839	-.00148	-.00076	.06789	.15981

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00018	122.64	.00137	.00431	.00239	.11396
Stddev	.00009	.00005	.77	.00018	.00004	.00008	.00130
%RSD	317.21	29.080	.62607	13.451	.98930	3.4555	1.1381

#1	.00007	-.00023	121.85	.00116	.00435	.00236	.11545
#2	-.00008	-.00013	122.70	.00147	.00426	.00233	.11335
#3	.00009	-.00018	123.38	.00149	.00432	.00248	.11308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54497	21.683	.00498	-.00017	319.86	-.00018	.03034
Stddev	.00067	.151	.00035	.00029	4.88	.00058	.00009
%RSD	.12299	.69631	7.0318	168.10	1.5268	318.19	.30653

#1	.54439	21.519	.00537	-.00035	314.64	.00024	.03035
#2	.54482	21.714	.00469	.00016	320.64	.00006	.03043
#3	.54571	21.816	.00488	-.00033	324.31	-.00084	.03024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0529	-.00007	.02293	.70880	.69458	.00455	.00030
Stddev	.0308	.00039	.01031	.00936	.00056	.00117	.00165
%RSD	1.4998	582.68	44.975	1.3199	.08117	25.745	546.29

#1	2.0274	-.00026	.02657	.70988	.69489	.00490	.00007
#2	2.0871	.00038	.01129	.69895	.69393	.00551	.00206
#3	2.0442	-.00033	.03094	.71757	.69492	.00324	-.00122

Sample Name: K1517-10 Acquired: 2/19/2019 22:09:33 Type: Unk
Method: P4-ICP2(v2878) 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	.02039	.0009	.26527	5.6737	F<.00000
Stddev	.00179	.0004	.00086	.0266	3.1015
%RSD	8.7738	40.62	.32319	.46837	6.5681

#1	.01931	.0010	.26456	5.6617	-47.376
#2	.01941	.0005	.26503	5.7042	-50.242
#3	.02246	.0012	.26623	5.6553	-44.044

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2739.4	27500.	3103.1	13.081	2693.0
Stddev	3.8	161.	12.2	.474	5.1
%RSD	.13884	.58506	.39195	3.6203	.19030

#1	2738.8	27526.	3097.1	13.382	2692.4
#2	2743.4	27328.	3095.0	12.535	2698.4
#3	2735.9	27646.	3117.1	13.326	2688.2

Sample Name: K1519-01 Acquired: 2/19/2019 22:14:07 Type: Unk
Method: P4-ICP2(v2878) 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	-.00353	-.00339	.01722	.00066	-.00049	.04060	.21570
Stddev	.00094	.00132	.00076	.00249	.00118	.00088	.00238
%RSD	26.529	38.827	4.3948	375.30	242.07	2.1652	1.1050

#1	-.00401	-.00287	.01720	.00334	.00080	.04160	.21346
#2	-.00412	-.00489	.01799	.00023	-.00151	.04023	.21821
#3	-.00245	-.00242	.01648	-.00158	-.00076	.03996	.21543

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00521	143.77	.02506	.00045	.01324	.01292
Stddev	.00008	.00018	.51	.00034	.00021	.00048	.00141
%RSD	469.53	3.3662	.35682	1.3630	46.107	3.6535	10.915

#1	-.00009	.00505	143.21	.02495	.00060	.01320	.01168
#2	-.00004	.00540	143.87	.02479	.00021	.01279	.01445
#3	.00007	.00519	144.22	.02544	.00055	.01375	.01263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19654	2.4310	.00701	.00015	255.79	.00028	.07458
Stddev	.00049	.0347	.00013	.00059	1.21	.00038	.00027
%RSD	.24735	1.4273	1.7862	400.04	.47359	136.15	.35910

#1	.19605	2.3955	.00689	-.00037	257.19	.00060	.07465
#2	.19702	2.4648	.00714	.00079	255.08	.00037	.07481
#3	.19655	2.4328	.00701	.00002	255.11	-.00014	.07429

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5029	.00113	.01986	1.8941	3.6273	.00370	-.00341
Stddev	.0164	.00030	.00442	.0117	.0276	.00060	.00078
%RSD	1.0948	26.178	22.278	.61506	.75937	16.258	22.866

#1	1.5195	.00146	.01789	1.9003	3.6592	.00311	-.00255
#2	1.4866	.00103	.01677	1.9012	3.6117	.00369	-.00408
#3	1.5026	.00089	.02493	1.8806	3.6112	.00431	-.00358

Sample Name: K1519-01 Acquired: 2/19/2019 22:14:07 Type: Unk
Method: P4-ICP2(v2878) 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	.02772	.0065	.31348	5.6731	F<.00000
Stddev	.00144	.0029	.00050	.1004	3.5481
%RSD	5.1918	44.17	.15838	1.7695	7.7227

#1	.02680	.0047	.31333	5.7075	-41.870
#2	.02938	.0050	.31403	5.7516	-48.362
#3	.02699	.0098	.31307	5.5600	-47.597

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2725.3	27521.	3084.0	13.560	2719.7
Stddev	6.7	81.	20.4	.698	4.2
%RSD	.24487	.29603	.66212	5.1467	.15376

#1	2732.4	27601.	3063.1	12.763	2723.1
#2	2719.2	27438.	3085.1	14.064	2715.0
#3	2724.2	27524.	3103.9	13.853	2721.0

Sample Name: K1519-01DUP Acquired: 2/19/2019 22:18:40 Type: Unk
Method: P4-ICP2(v2878) 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	-.00234	-.00406	.31214	.00199	-.00075	.03888	.44786
Stddev	.00264	.00135	.00105	.00268	.00179	.00867	.00672
%RSD	112.85	33.215	.33578	134.83	238.83	22.291	1.5004

#1	.00061	-.00336	.31201	.00396	.00115	.03792	.45562
#2	-.00447	-.00562	.31116	-.00106	-.00242	.04798	.44407
#3	-.00317	-.00320	.31325	.00306	-.00098	.03073	.44389

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00491	86.534	.00546	.00067	.06539	.00780
Stddev	.00009	.00007	1.002	.00007	.00017	.00087	.00269
%RSD	173.70	1.4325	1.1582	1.3302	25.347	1.3327	34.510

#1	-.00004	.00497	86.436	.00548	.00068	.06483	.00650
#2	.00013	.00483	87.582	.00538	.00083	.06640	.01090
#3	.00005	.00492	85.585	.00552	.00050	.06495	.00601

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15213	2.7058	.00449	.00005	292.61	-.00016	.47430
Stddev	.00138	.1349	.00081	.00055	3.57	.00093	.00097
%RSD	.90856	4.9857	18.015	1224.2	1.2194	573.48	.20393

#1	.15137	2.8557	.00534	.00033	292.00	-.00110	.47433
#2	.15129	2.6676	.00442	-.00059	296.44	-.00013	.47332
#3	.15372	2.5941	.00373	.00040	289.38	.00075	.47525

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4614	-.00011	.02473	.47024	1.1031	.00369	-.00328
Stddev	.0486	.00009	.00649	.03122	.0079	.00011	.00142
%RSD	3.3241	83.873	26.249	6.6388	.71820	3.1051	43.229

#1	1.4957	-.00008	.02441	.43424	1.1092	.00381	-.00424
#2	1.4826	-.00004	.01840	.48986	1.1060	.00358	-.00165
#3	1.4058	-.00022	.03137	.48662	1.0941	.00368	-.00394

Sample Name: K1519-01DUP Acquired: 2/19/2019 22:18:40 Type: Unk
Method: P4-ICP2(v2878) 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	.01878	.0181	.32357	5.4746	F<.00000
Stddev	.00102	.0007	.00284	.1961	1.3929
%RSD	5.4430	3.869	.87918	3.5825	3.3159
#1	.01795	.0176	.32427	5.6499	-40.912
#2	.01992	.0189	.32600	5.5110	-43.574
#3	.01846	.0178	.32044	5.2628	-41.532
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2757.3	27822.	3155.5	13.093	2742.4
Stddev	10.8	88.	40.7	1.258	9.0
%RSD	.39014	.31689	1.2906	9.6064	.32856
#1	2745.3	27720.	3125.9	11.690	2732.0
#2	2760.4	27873.	3138.7	13.470	2747.2
#3	2766.1	27873.	3201.9	14.120	2748.0

Sample Name: K1519-01LX5 Acquired: 2/19/2019 22:23:11 Type: Unk
Method: P4-ICP2(v2878) 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	-.00357	-.00313	.83450	.00189	-.00028	.00976	.34728
Stddev	.00037	.00275	.00366	.00260	.00190	.01507	.00153
%RSD	10.396	87.817	.43810	137.70	671.97	154.35	.44142

#1	-.00318	-.00122	.83741	.00208	.00189	.01658	.34806
#2	-.00363	-.00190	.83568	.00438	-.00167	.02022	.34826
#3	-.00392	-.00629	.83039	-.00080	-.00107	-.00751	.34551

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00332	53.426	.00077	.00142	.10131	.00739
Stddev	.00007	.00005	.447	.00018	.00014	.00081	.00211
%RSD	830.17	1.4631	.83694	23.868	9.6393	.80030	28.581

#1	-.00007	.00338	53.250	.00098	.00158	.10197	.00570
#2	.00006	.00331	53.934	.00070	.00136	.10155	.00976
#3	.00003	.00329	53.094	.00064	.00132	.10040	.00671

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19768	1.4549	.00507	.00033	233.09	-.00042	.81681
Stddev	.00012	.0308	.00020	.00060	3.03	.00075	.00279
%RSD	.05891	2.1185	3.8731	179.11	1.3019	179.03	.34145

#1	.19773	1.4208	.00495	.00064	229.67	-.00111	.81947
#2	.19755	1.4632	.00496	.00071	234.14	.00038	.81706
#3	.19776	1.4808	.00530	-.00035	235.46	-.00054	.81391

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1572	-.00035	.02247	.44579	.74518	.00358	-.00109
Stddev	.0713	.00033	.00603	.01067	.01118	.00025	.00363
%RSD	6.1577	93.450	26.838	2.3941	1.5000	6.8946	333.39

#1	1.0875	-.00071	.02580	.45758	.73323	.00329	-.00353
#2	1.1541	-.00026	.02611	.44300	.74693	.00371	-.00282
#3	1.2299	-.00007	.01551	.43679	.75537	.00373	.00308

Sample Name: K1519-01LX5 Acquired: 2/19/2019 22:23:11 Type: Unk
Method: P4-ICP2(v2878) 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	.01306	.0188	.19250	5.3336	F<.00000
Stddev	.00294	.0012	.00075	.0749	6.1067
%RSD	22.529	6.161	.39034	1.4045	15.657

#1	.01251	.0182	.19189	5.3139	-41.070
#2	.01623	.0181	.19334	5.4164	-32.131
#3	.01043	.0201	.19229	5.2705	-43.808

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2794.8	28031.	3139.0	12.836	2800.0
Stddev	12.8	9.	14.0	.748	11.1
%RSD	.45927	.03250	.44521	5.8307	.39481

#1	2782.8	28041.	3153.0	12.639	2789.4
#2	2793.2	28028.	3125.1	13.664	2799.1
#3	2808.3	28024.	3138.9	12.206	2811.4

Sample Name: K1519-01MS Acquired: 2/19/2019 22:27:42 Type: Unk
Method: P4-ICP2(v2878) 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	-.00236	-.00310	.06900	.00080	-.00017	.04591	.22282
Stddev	.00208	.00251	.00056	.00149	.00141	.00895	.00170
%RSD	88.200	80.994	.80988	186.40	834.83	19.502	.76481

#1	-.00092	-.00094	.06933	.00187	.00036	.05009	.22199
#2	-.00141	-.00251	.06835	-.00090	-.00177	.03563	.22169
#3	-.00474	-.00585	.06931	.00143	.00090	.05200	.22478

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	.00136	12.315	.00050	.00715	.01307	1.1233
Stddev	.00006	.00008	.094	.00034	.00006	.00029	.0157
%RSD	20.313	5.6770	.76199	67.702	.82360	2.2516	1.3952

#1	.00029	.00129	12.206	.00085	.00721	.01294	1.1344
#2	.00034	.00135	12.371	.00048	.00714	.01286	1.1053
#3	.00023	.00145	12.367	.00017	.00709	.01340	1.1300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3307	1.5413	.01188	.00070	269.85	-.00181	.07000
Stddev	.0025	.0341	.00012	.00043	3.54	.00024	.00011
%RSD	.18693	2.2128	1.0294	61.156	1.3122	13.259	.16412

#1	1.3331	1.5039	.01202	.00105	272.03	-.00200	.07004
#2	1.3281	1.5706	.01183	.00083	265.76	-.00190	.07009
#3	1.3308	1.5493	.01179	.00022	271.75	-.00154	.06987

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3514	-.00046	.01519	.12420	.45879	.00300	-.00130
Stddev	.0775	.00011	.01005	.01626	.00835	.00074	.00301
%RSD	5.7366	24.467	66.164	13.094	1.8205	24.808	232.26

#1	1.4385	-.00060	.02670	.10579	.46485	.00217	-.00059
#2	1.2899	-.00039	.01068	.13659	.44926	.00361	.00130
#3	1.3260	-.00041	.00818	.13023	.46225	.00321	-.00460

Sample Name: K1519-01MS Acquired: 2/19/2019 22:27:42 Type: Unk
 Method: P4-ICP2(v2878) 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	.00790	-.0007	.06627	5.4610	F<.00000
Stddev	.00200	.0007	.00021	.1053	4.6793
%RSD	25.320	102.0	.31225	1.9283	23.573

#1	.00559	-.0010	.06603	5.5768	-21.783
#2	.00895	-.0012	.06638	5.4353	-23.254
#3	.00915	.0001	.06640	5.3709	-14.514

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2822.0	28123.	3175.0	13.644	2814.4
Stddev	11.1	109.	39.1	.859	7.5
%RSD	.39247	.38863	1.2325	6.2925	.26781

#1	2815.4	27997.	3138.4	12.973	2809.4
#2	2815.9	28185.	3216.3	13.348	2810.7
#3	2834.8	28187.	3170.2	14.611	2823.1

Sample Name: K1519-01MSD Acquired: 2/19/2019 22:32:15 Type: Unk
Method: P4-ICP2(v2878) 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	-.00066	-.00353	.06580	.00149	.00069	.04226	.29561
Stddev	.00110	.00283	.00115	.00454	.00222	.00737	.00524
%RSD	166.77	80.173	1.7500	305.01	320.33	17.434	1.7710

#1	.00034	-.00242	.06449	.00530	.00325	.03760	.29442
#2	-.00048	-.00675	.06624	-.00353	-.00069	.05075	.30134
#3	-.00184	-.00143	.06667	.00269	-.00048	.03843	.29108

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00716	52.711	.00064	.00817	.06227	.07029
Stddev	.00007	.00009	.601	.00051	.00013	.00004	.00075
%RSD	134.50	1.3209	1.1405	79.387	1.6289	.06744	1.0634

#1	-.00003	.00727	52.075	.00122	.00832	.06228	.06982
#2	.00008	.00712	53.270	.00025	.00806	.06222	.07115
#3	.00010	.00709	52.790	.00046	.00812	.06230	.06991

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0475	7.3027	.02039	.00106	291.46	-.00136	.23096
Stddev	.0020	.0515	.00008	.00013	3.93	.00016	.00026
%RSD	.19192	.70582	.38881	12.208	1.3491	11.710	.11445

#1	1.0463	7.2441	.02048	.00108	287.09	-.00128	.23086
#2	1.0498	7.3232	.02034	.00092	292.58	-.00126	.23076
#3	1.0465	7.3409	.02033	.00118	294.71	-.00155	.23126

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5072	-.00051	.02140	.18254	.91742	.00363	.00221
Stddev	.0155	.00035	.01371	.03404	.00235	.00102	.00344
%RSD	1.0280	68.723	64.036	18.645	.25572	28.003	155.77

#1	1.5096	-.00011	.03603	.17908	.91609	.00429	.00449
#2	1.5214	-.00064	.00886	.15037	.92013	.00415	.00389
#3	1.4907	-.00079	.01931	.21817	.91604	.00246	-.00175

Sample Name: K1519-01MSD Acquired: 2/19/2019 22:32:15 Type: Unk
Method: P4-ICP2(v2878) 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	.00983	.0070	.40707	5.6197	F<.00000
Stddev	.00310	.0013	.00360	.0863	1.9092
%RSD	31.517	18.79	.88545	1.5351	5.2393
#1	.00745	.0084	.40291	5.5283	-38.387
#2	.00870	.0060	.40910	5.6312	-34.571
#3	.01333	.0064	.40920	5.6997	-36.365
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2797.1	27859.	3135.3	13.915	2777.7
Stddev	7.9	27.	10.3	2.906	7.9
%RSD	.28372	.09751	.32848	20.885	.28577
#1	2787.9	27848.	3144.4	13.355	2770.3
#2	2801.7	27890.	3124.1	11.330	2786.1
#3	2801.6	27839.	3137.3	17.060	2776.8

Sample Name: K1519-01A Acquired: 2/19/2019 22:36:49 Type: Unk
Method: P4-ICP2(v2878) 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	-.00111	-.00256	.02717	.00091	-.00059	.08082	.19663
Stddev	.00045	.00083	.00087	.00384	.00026	.00768	.00229
%RSD	40.876	32.406	3.1869	421.85	43.483	9.4981	1.1622

#1	-.00064	-.00341	.02809	.00284	-.00031	.07922	.19885
#2	-.00155	-.00175	.02637	.00340	-.00082	.08916	.19429
#3	-.00115	-.00253	.02704	-.00351	-.00063	.07406	.19675

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.00308	19.587	.00066	.01295	.01280	.92727
Stddev	.00003	.00005	.205	.00029	.00013	.00066	.00595
%RSD	14.134	1.6985	1.0490	44.622	1.0221	5.1407	.64170

#1	.00021	.00308	19.371	.00089	.01287	.01354	.92530
#2	.00027	.00303	19.779	.00033	.01287	.01228	.93396
#3	.00026	.00313	19.611	.00077	.01310	.01258	.92256

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8027	2.2189	.02398	.00094	312.95	-.00234	.07897
Stddev	.0022	.0505	.00010	.00050	3.26	.00041	.00019
%RSD	.12279	2.2780	.40017	53.037	1.0416	17.445	.24364

#1	1.8037	2.1871	.02401	.00113	309.19	-.00273	.07884
#2	1.8002	2.2772	.02405	.00037	314.68	-.00191	.07889
#3	1.8043	2.1925	.02387	.00131	314.98	-.00238	.07919

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4018	-.00043	.01358	.19155	.61722	.00367	-.00151
Stddev	.0330	.00005	.01794	.01224	.00558	.00102	.00218
%RSD	1.3743	11.613	132.15	6.3881	.90412	27.844	144.44

#1	2.3737	-.00048	.02080	.20101	.61681	.00353	-.00309
#2	2.3936	-.00039	-.00685	.17773	.62299	.00272	.00098
#3	2.4381	-.00040	.02678	.19591	.61185	.00475	-.00242

Sample Name: K1519-01A Acquired: 2/19/2019 22:36:49 Type: Unk
 Method: P4-ICP2(v2878) 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	.01433	.0017	.08191	5.4908	F<.00000
Stddev	.00322	.0021	.00099	.1015	2.7375
%RSD	22.465	124.1	1.2108	1.8485	9.7916
#1	.01062	.0013	.08080	5.3759	-26.664
#2	.01616	.0040	.08270	5.5684	-31.102
#3	.01622	-.0002	.08222	5.5280	-26.107
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2818.3	28164.	3154.9	13.841	2799.7
Stddev	5.8	93.	36.2	1.477	.3
%RSD	.20677	.32853	1.1462	10.667	.01214
#1	2821.0	28147.	3168.4	12.686	2799.5
#2	2811.7	28263.	3114.0	13.332	2800.1
#3	2822.4	28080.	3182.4	15.505	2799.6

Sample Name: CCV11 Acquired: 2/19/2019 22:41:22 Type: Unk
Method: P4-ICP2(v2878) 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	F -.00110	F -.00257	F .02318	F .00027	F -.00172	F .03821	F .14707
Stddev	.00311	.00212	.00075	.00288	.00194	.00630	.00092
%RSD	283.39	82.584	3.2472	1084.1	112.43	16.478	.62332

#1	-.00452	-.00150	.02288	.00056	-.00031	.04421	.14718
#2	.00154	-.00119	.02263	-.00275	-.00093	.03876	.14610
#3	-.00030	-.00501	.02404	.00299	-.00393	.03165	.14793

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00001	F .00172	F 91.538	F .00200	F .00130	F .01267	F .01150
Stddev	.00011	.00007	.782	.00030	.00021	.00050	.00275
%RSD	1815.5	3.9573	.85397	15.213	16.063	3.9331	23.924

#1	.00013	.00180	91.429	.00178	.00111	.01219	.00915
#2	-.00009	.00171	90.817	.00187	.00152	.01263	.01082
#3	-.00003	.00166	92.369	.00235	.00126	.01318	.01453

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .25377	F 3.4496	F .00656	F .00013	F 277.20	F .00070	F .11848
Stddev	.00058	.0242	.00037	.00053	4.43	.00060	.00062
%RSD	.22872	.70256	5.6940	391.18	1.5964	85.904	.52252

#1	.25390	3.4276	.00623	-.00041	278.26	.00001	.11890
#2	.25427	3.4456	.00648	.00064	272.34	.00101	.11878
#3	.25313	3.4755	.00696	.00018	281.00	.00109	.11777

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.4343	F .00027	F .02556	F 1.0565	F 1.4767	F .00394	F -.00288
Stddev	.0167	.00019	.01544	.0372	.0168	.00008	.00042
%RSD	1.1667	69.028	60.386	3.5229	1.1400	2.1247	14.670

#1	1.4533	.00032	.01751	1.0895	1.4844	.00385	-.00247
#2	1.4278	.00042	.01582	1.0638	1.4574	.00401	-.00332
#3	1.4218	.00006	.04336	1.0161	1.4883	.00395	-.00286

Sample Name: CCV11 Acquired: 2/19/2019 22:41:22 Type: Unk
 Method: P4-ICP2(v2878) 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 .01506	F .0341	F .29237	F 5.5175	F<.00000
Stddev	.00052	.0011	.00133	.1839	.22680
%RSD	3.4512	3.241	.45499	3.3336	.48692
#1	.01485	.0329	.29325	5.5765	-46.406
#2	.01565	.0351	.29301	5.6648	-46.496
#3	.01467	.0343	.29084	5.3114	-46.836
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2794.2	28091.	3143.6	13.333	2780.5
Stddev	4.1	118.	32.4	.434	3.5
%RSD	.14691	.41929	1.0305	3.2569	.12427
#1	2798.8	28007.	3120.9	13.810	2776.5
#2	2792.8	28042.	3180.7	13.231	2782.7
#3	2790.9	28226.	3129.2	12.960	2782.3

Sample Name: CCB11 Acquired: 2/19/2019 22:45:55 Type: Unk
Method: P4-ICP2(v2878) 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	-.00133	-.00401	F .02754	.00072	-.00121	F .04584	F .23717
Stddev	.00135	.00082	.00115	.00252	.00053	.00811	.00090
%RSD	100.95	20.321	4.1632	348.71	43.741	17.686	.38036

#1	.00016	-.00453	.02791	.00364	-.00067	.04008	.23613
#2	-.00247	-.00444	.02846	-.00064	-.00124	.05511	.23766
#3	-.00169	-.00307	.02626	-.00082	-.00172	.04232	.23772

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	F .00256	F 47.949	.00105	.00623	F .02952	F .02516
Stddev	.00003	.00003	.164	.00043	.00018	.00053	.00063
%RSD	26.334	1.3239	.34151	41.342	2.9574	1.7824	2.4988

#1	.00013	.00252	47.934	.00076	.00631	.02902	.02546
#2	.00010	.00259	47.792	.00084	.00602	.03007	.02558
#3	.00008	.00256	48.119	.00155	.00636	.02947	.02444

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .40999	F 8.6326	F .01211	.00054	F 259.63	-.00047	F .17261
Stddev	.00149	.0528	.00023	.00079	3.36	.00063	.00013
%RSD	.36363	.61136	1.8988	145.66	1.2948	133.35	.07784

#1	.40827	8.6274	.01190	.00073	255.75	.00024	.17248
#2	.41095	8.5826	.01206	-.00032	261.72	-.00069	.17260
#3	.41074	8.6878	.01235	.00122	261.41	-.00097	.17275

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.3520	-.00004	.01126	F .16219	F .84827	.00332	-.00156
Stddev	.0200	.00017	.00646	.04802	.00548	.00068	.00299
%RSD	1.4826	403.38	57.397	29.609	.64577	20.350	191.19

#1	1.3302	-.00001	.01872	.13963	.85065	.00359	.00178
#2	1.3563	-.00023	.00743	.21734	.85216	.00382	-.00249
#3	1.3695	.00011	.00763	.12961	.84201	.00255	-.00398

Sample Name: CCB11 Acquired: 2/19/2019 22:45:55 Type: Unk
Method: P4-ICP2(v2878) 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 .01300	F .0278	F .14330	F 5.2194	F<.00000
Stddev	.00043	.0016	.00041	.0635	3.2361
%RSD	3.3427	5.841	.28951	1.2172	8.7730
#1	.01276	.0273	.14336	5.1476	-36.518
#2	.01273	.0265	.14286	5.2420	-40.291
#3	.01350	.0297	.14368	5.2685	-33.850
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2812.3	28344.	3199.1	13.092	2801.2
Stddev	8.2	101.	18.4	.460	7.1
%RSD	.29202	.35470	.57552	3.5110	.25280
#1	2803.2	28402.	3199.4	13.589	2793.2
#2	2819.0	28228.	3180.5	13.005	2806.6
#3	2814.8	28403.	3217.3	12.682	2803.9