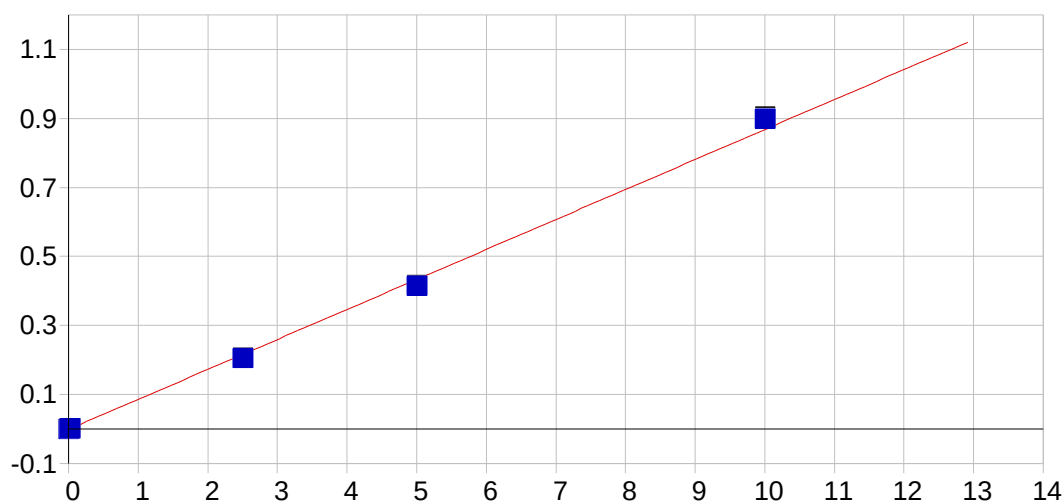




As 189.042 {478}

Date of Fit: 2/20/2019 12:07:34

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001114

Re-Slope: 1.000000

A1 (Gain): 0.086897

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999155

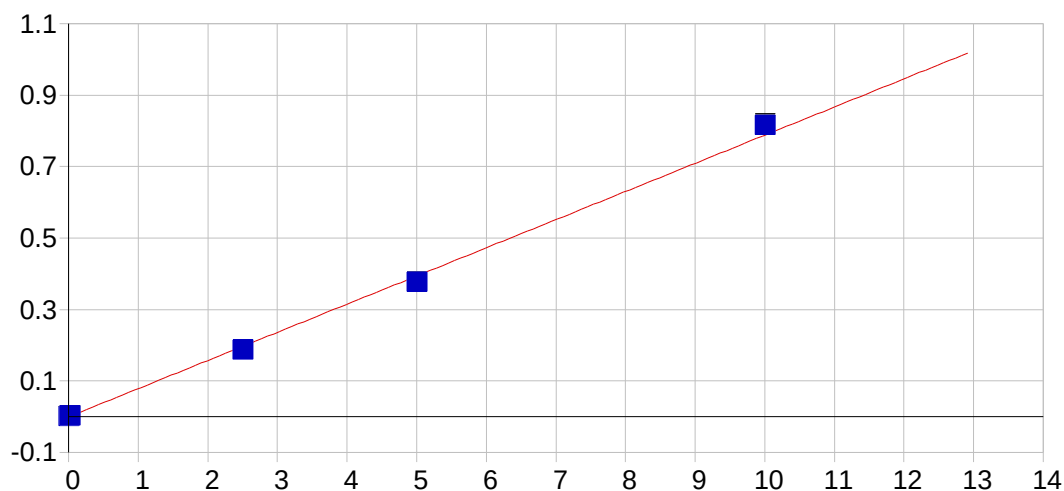
Status: OK.

Std Error of Est: 0.000086

Predicted MDL: 0.002835

Predicted MQL: 0.009449

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00111	.000	1
S1	.02000	.02184	.002	9.22	.00078	.000	1
S3	2.5000	2.3670	-.133	-5.32	.20455	.000	1
S4	5.0000	4.7777	-.222	-4.45	.41402	.001	1
S5	10.000	10.354	.354	3.54	.89852	.005	1



As 189.042 {479}

Date of Fit: 2/20/2019 12:07:34

Type of Fit: Linear

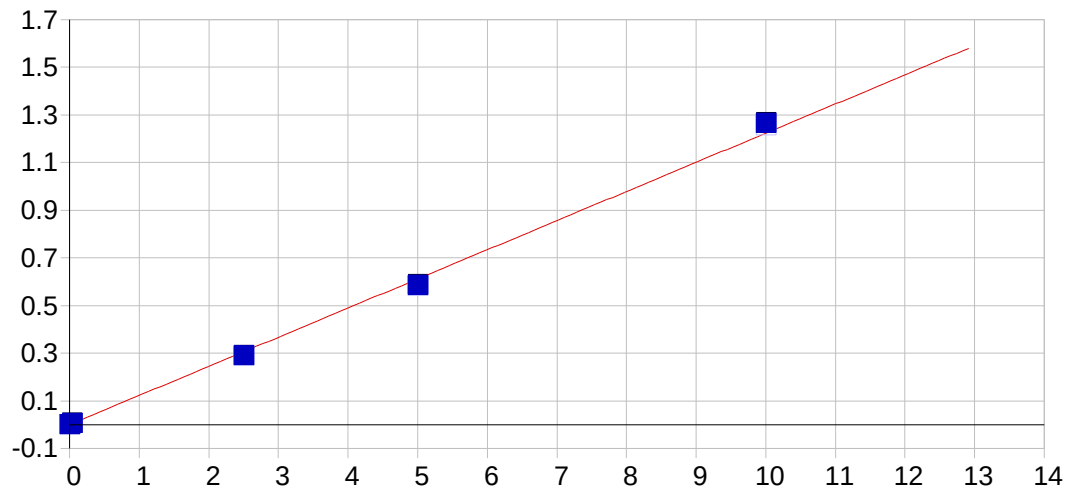
Weighting: 1/Conc

A0 (Offset): -0.000295

Re-Slope: 1.000000

A1 (Gain): 0.078831 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999182 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.002291
 Predicted MQL: 0.007638

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00030	.000	1
S1	.02000	.02251	.003	12.5	.00148	.000	1
S3	2.5000	2.3706	-.129	-5.18	.18658	.000	1
S4	5.0000	4.7801	-.220	-4.40	.37653	.000	1
S5	10.000	10.347	.347	3.47	.81536	.003	1

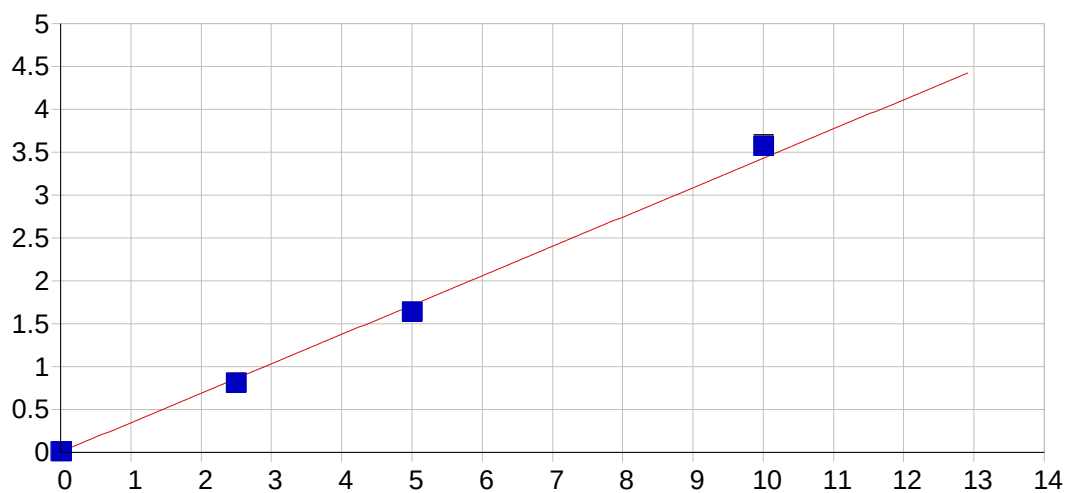


TI 190.856 {477}

Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000053 Re-Slope: 1.000000
 A1 (Gain): 0.122358 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999148 Status: OK.
 Std Error of Est: 0.000171
 Predicted MDL: 0.001535
 Predicted MQL: 0.005118

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.04000	.04674	.007	16.8	.00564	.000	1
S3	2.5000	2.3630	-.137	-5.48	.28604	.000	1
S4	5.0000	4.7883	-.212	-4.23	.57967	.001	1
S5	10.000	10.342	.342	3.42	1.2529	.003	1

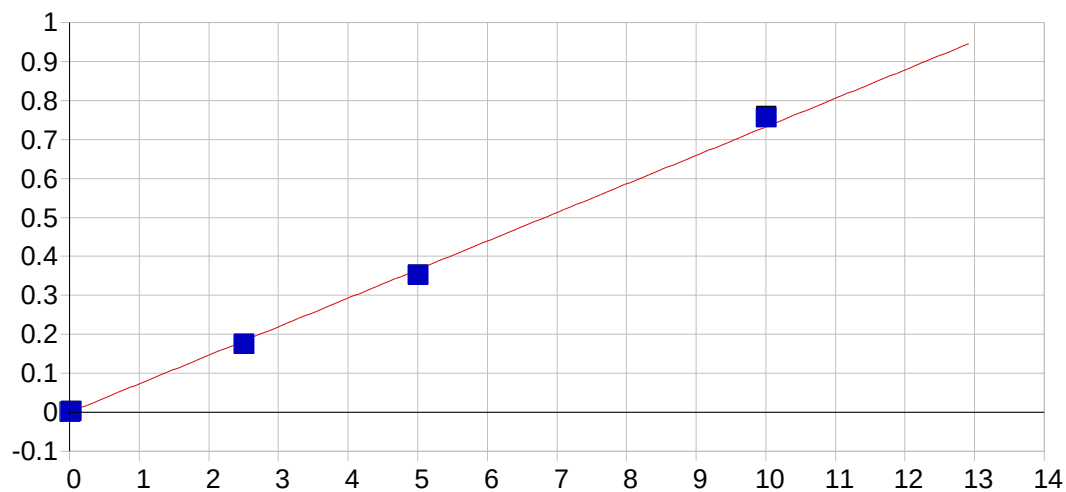


Pb 220.353 {453}

Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004990 Re-Slope: 1.000000
 A1 (Gain): 0.342381 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998858 Status: OK.
 Std Error of Est: 0.000306
 Predicted MDL: 0.000932
 Predicted MQL: 0.003107

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00499	.000	1
S1	.01200	.01311	.001	9.23	.00940	.000	1
S3	2.5000	2.3339	-.166	-6.64	.80301	.002	1
S4	5.0000	4.7549	-.245	-4.90	1.6308	.004	1
S5	10.000	10.410	.410	4.10	3.5649	.015	1



Se 196.090 {472}

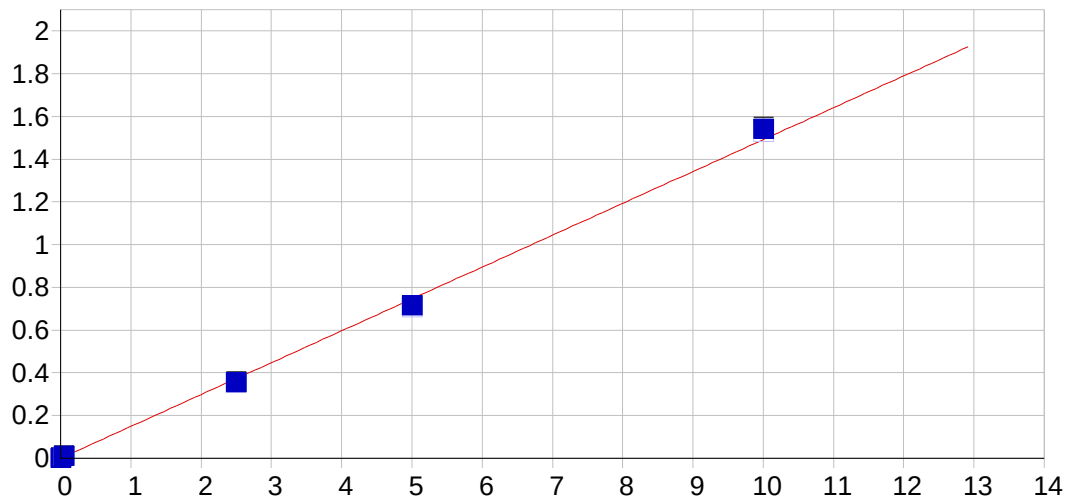
Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000052 Re-Slope: 1.000000
 A1 (Gain): 0.073227 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999296
 Std Error of Est: 0.000066
 Predicted MDL: 0.003102
 Predicted MQL: 0.010340

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.02000	.02216	.002	10.8	.00157	.000	1
S3	2.5000	2.3758	-.124	-4.97	.17390	.001	1
S4	5.0000	4.8007	-.199	-3.99	.35145	.001	1
S5	10.000	10.321	.321	3.21	.75566	.003	1



Sb 206.833 {463}

Date of Fit: 2/20/2019 12:07:34

Type of Fit: Linear

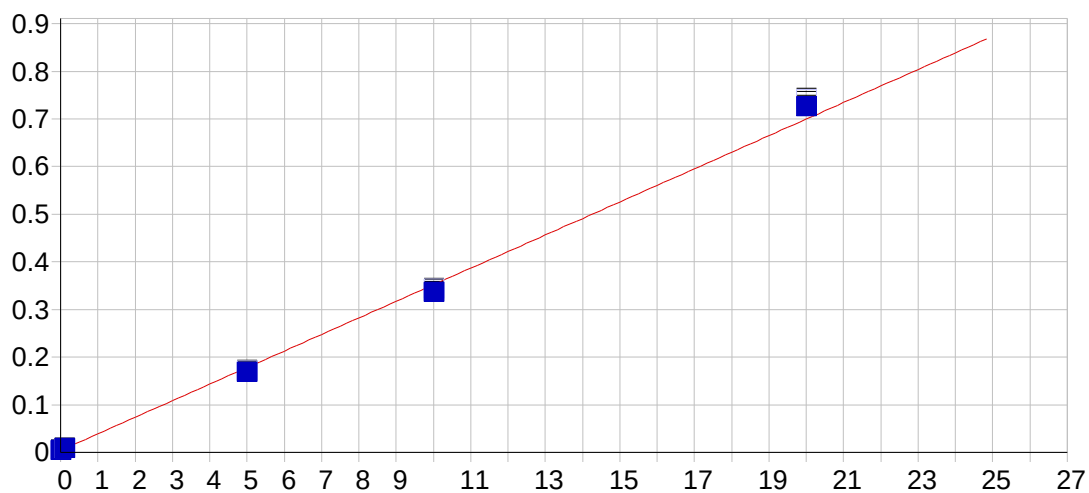
Weighting: 1/Conc

A0 (Offset): 0.000176
 A1 (Gain): 0.149148
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999209
 Std Error of Est: 0.000224
 Predicted MDL: 0.001858
 Predicted MQL: 0.006192

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	.00018	.000	1
S1	.05000	.05725	.007	14.5	.00853	.000	1
S3	2.5000	2.3784	-.122	-4.86	.35072	.001	1
S4	5.0000	4.7843	-.216	-4.31	.70537	.001	1
S5	10.000	10.330	.330	3.30	1.5241	.007	1

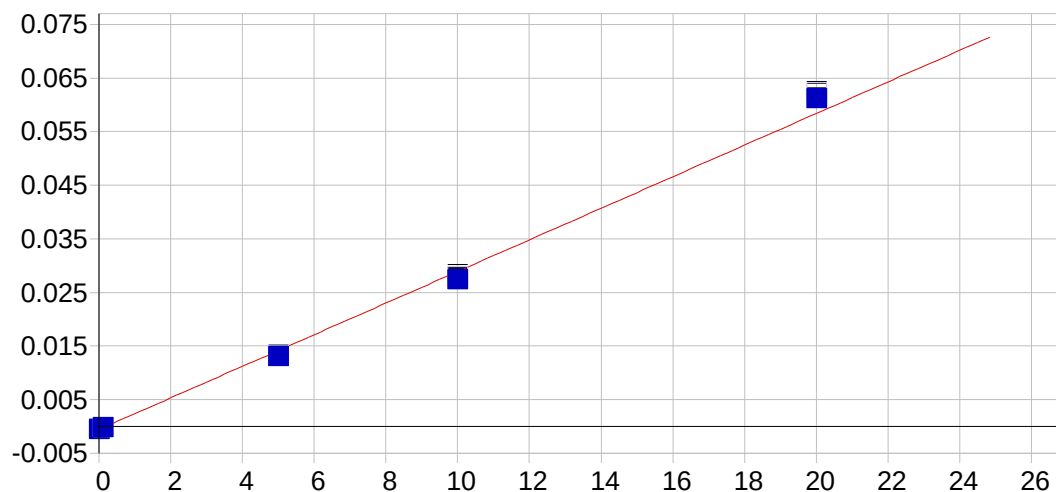


AI 308.215 {109}

Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004196 Re-Slope: 1.000000
 A1 (Gain): 0.034773 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999051 Status: OK.
 Std Error of Est: 0.000118
 Predicted MDL: 0.003099
 Predicted MQL: 0.010330

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00420	.000	1
S1	.10000	.11108	.011	11.1	.00830	.000	1
S3	5.0000	4.6960	-.304	-6.08	.17095	.001	1
S4	10.000	9.5383	-.462	-4.62	.34279	.001	1
S5	20.000	20.754	.754	3.77	.73972	.003	1



AI 309.271 {109}

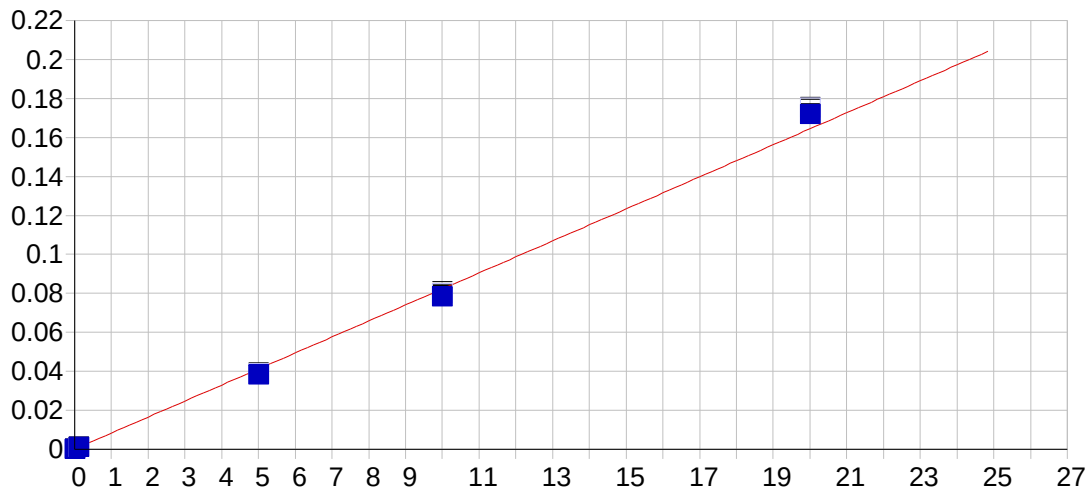
Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000563 Re-Slope: 1.000000
 A1 (Gain): 0.002947 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998605
 Std Error of Est: 0.000012
 Predicted MDL: 0.025803
 Predicted MQL: 0.086008

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00056	.000	1
S1	.10000	.10757	.008	7.57	-.00023	.000	1
S3	5.0000	4.5975	-.403	-8.05	.01328	.000	1
S4	10.000	9.4786	-.521	-5.21	.02795	.000	1
S5	20.000	20.916	.916	4.58	.06224	.000	1

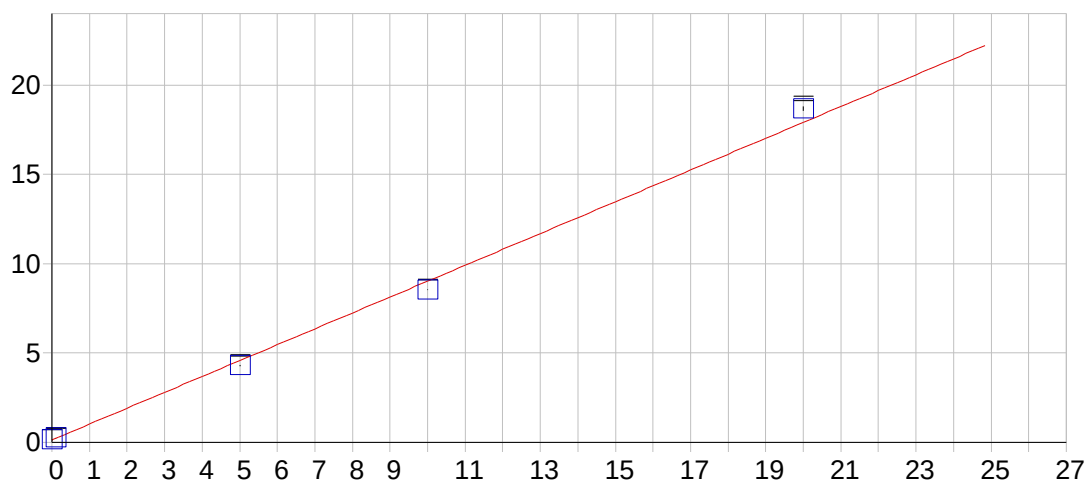


AI 396.152 { 85}

Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000143 Re-Slope: 1.000000
 A1 (Gain): 0.008214 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998712 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.014147
 Predicted MQL: 0.047156

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.10000	.10691	.007	6.91	.00108	.000	1
S3	5.0000	4.6145	-.386	-7.71	.03886	.000	1
S4	10.000	9.4976	-.502	-5.02	.07979	.001	1
S5	20.000	20.881	.881	4.40	.17492	.001	1

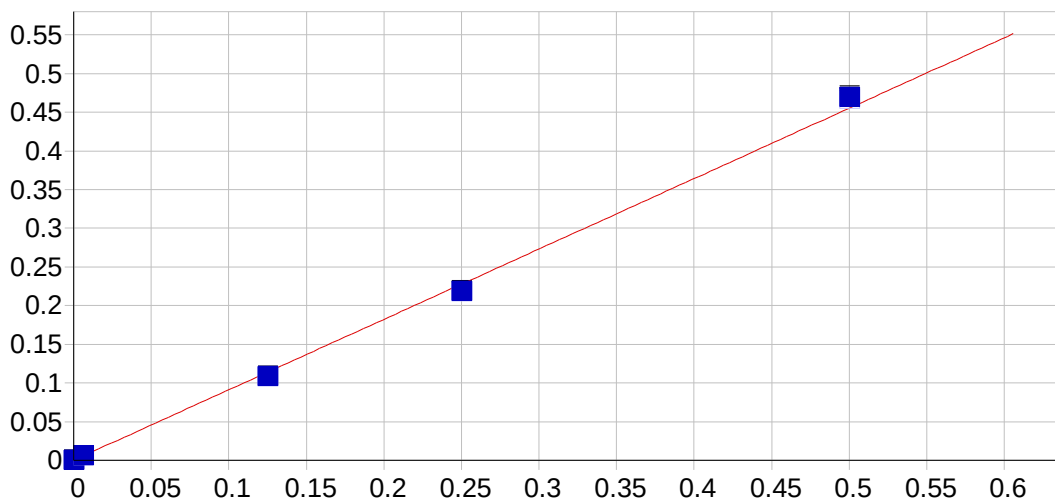


Ba 493.409 { 68}

Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.134242 Re-Slope: 1.000000
 A1 (Gain): 0.888822 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998737 Status: OK.
 Std Error of Est: 0.003418
 Predicted MDL: 0.003912
 Predicted MQL: 0.013041

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.13424	.001	1
S1	.10000	.11233	.012	12.3	.23408	.005	1
S3	5.0000	4.6748	-.325	-6.50	4.2893	.031	1
S5	20.000	20.856	.856	4.28	18.672	.129	1
S4	10.000	9.4567	-.543	-5.43	8.5395	.020	1



Be 234.861 {144}

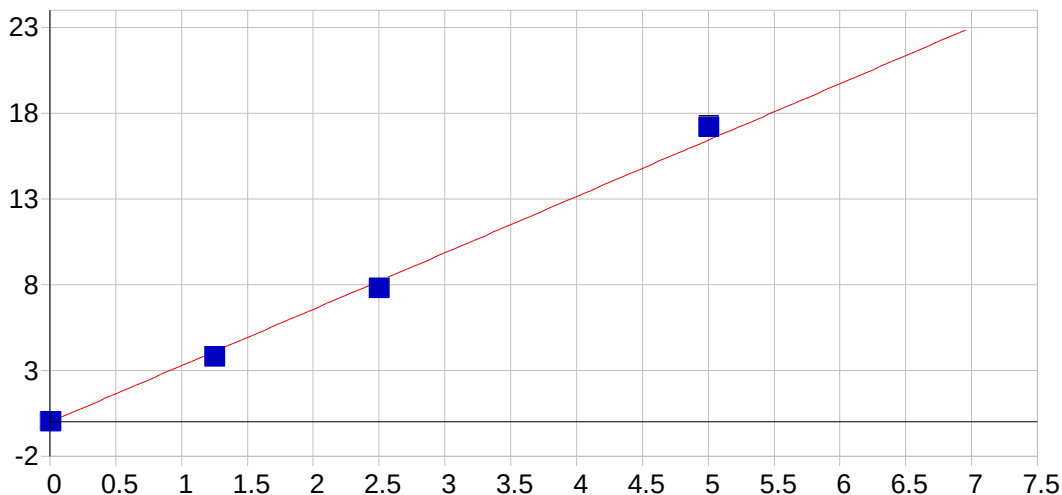
Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000127 Re-Slope: 1.000000
 A1 (Gain): 0.910124 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999289
 Std Error of Est: 0.000101
 Predicted MDL: 0.000072
 Predicted MQL: 0.000239

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00013	.000	1
S1	.00600	.00659	.001	9.88	.00607	.000	1
S3	.12500	.11874	-.006	-5.01	.10748	.000	1
S4	.25000	.24019	-.010	-3.92	.21730	.001	1
S5	.50000	.51549	.015	3.10	.46642	.002	1



Cd 226.502 {449}

Date of Fit: 2/20/2019 12:07:34

Type of Fit: Linear

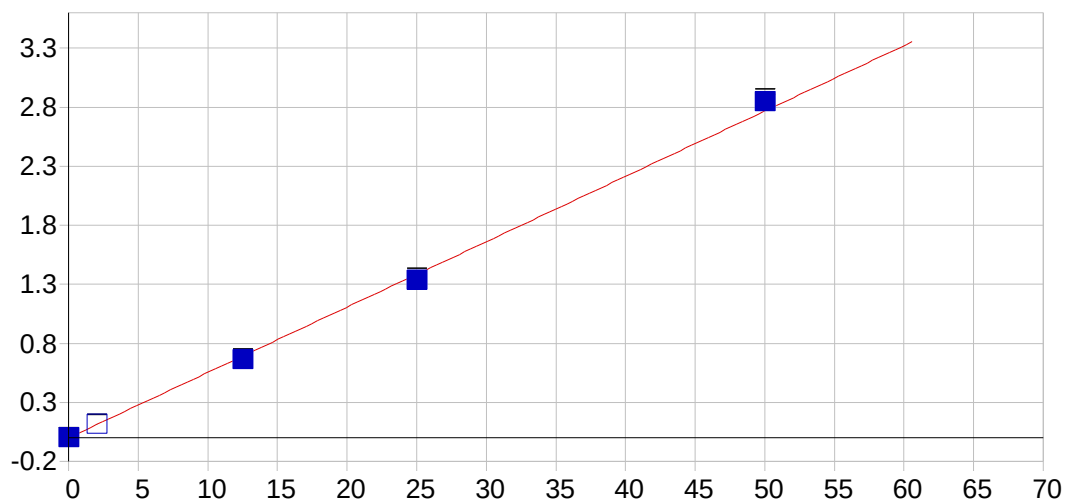
Weighting: 1/Conc

A0 (Offset): -0.002264
 A1 (Gain): 3.286329
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998629
 Std Error of Est: 0.001611
 Predicted MDL: 0.000101
 Predicted MQL: 0.000336

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	-.00226	.000	1
S1	.00600	.00617	.000	2.77	.01804	.000	1
S3	1.2500	1.1541	-.096	-7.67	3.7914	.008	1
S4	2.5000	2.3713	-.129	-5.15	7.7925	.012	1
S5	5.0000	5.2244	.224	4.49	17.171	.079	1

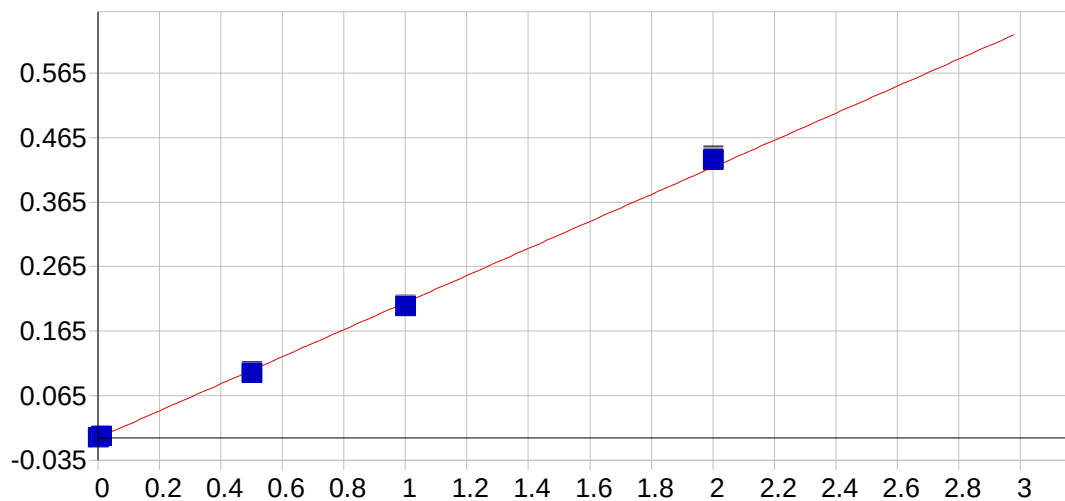


Ca 373.690 { 90}

Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000137 Re-Slope: 1.000000
 A1 (Gain): 0.055355 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999460 Status: OK.
 Std Error of Est: 0.000993
 Predicted MDL: 0.017345
 Predicted MQL: 0.057816

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0451	.045	2.25	.11307	.001	1
S0	.00000	.00006	.000	.000	-.00013	.001	1
S3	12.500	11.929	-.571	-4.56	.66059	.007	1
S4	25.000	24.126	-.874	-3.49	1.3361	.013	1
S5	50.000	51.399	1.40	2.80	2.8465	.023	1



Cr 267.716 {126}

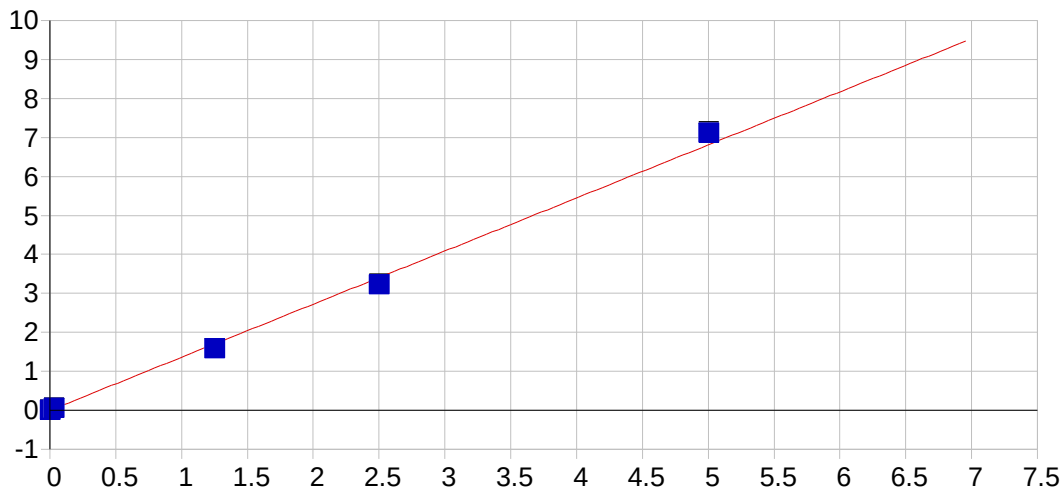
Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000201 Re-Slope: 1.000000
 A1 (Gain): 0.209523 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999501
 Std Error of Est: 0.000051
 Predicted MDL: 0.000449
 Predicted MQL: 0.001497

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00020	.000	1
S1	.01000	.01104	.001	10.4	.00212	.000	1
S3	.50000	.47762	-.022	-4.48	.10070	.001	1
S4	1.0000	.96798	-.032	-3.20	.20426	.001	1
S5	2.0000	2.0534	.053	2.67	.43332	.003	1



Co 228.616 {447}

Date of Fit: 2/20/2019 12:07:34

Type of Fit: Linear

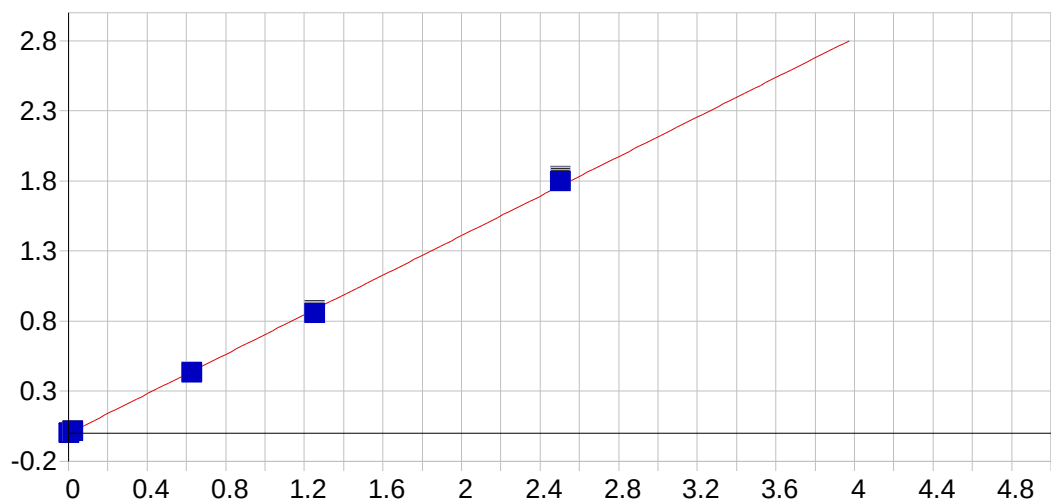
Weighting: 1/Conc

A0 (Offset): -0.000444
 A1 (Gain): 1.361893
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998624
 Std Error of Est: 0.001499
 Predicted MDL: 0.000225
 Predicted MQL: 0.000751

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	-.00045	.000	1
S1	.03000	.03456	.005	15.2	.04635	.000	1
S3	1.2500	1.1574	-.093	-7.41	1.5771	.002	1
S4	2.5000	2.3678	-.132	-5.29	3.2269	.003	1
S5	5.0000	5.2203	.220	4.41	7.1144	.021	1

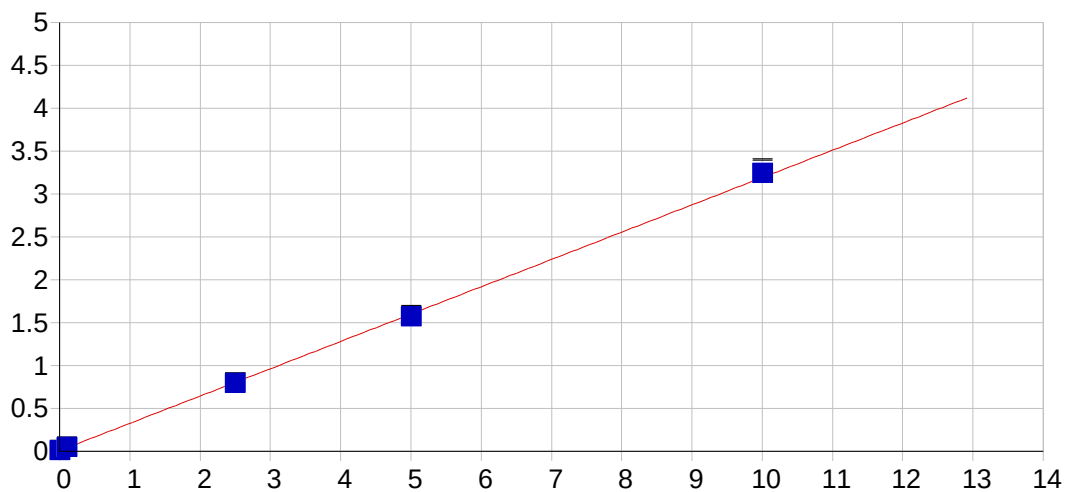


Cu 224.700 {450}

Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000169 Re-Slope: 1.000000
 A1 (Gain): 0.705011 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999689 Status: OK.
 Std Error of Est: 0.000216
 Predicted MDL: 0.000540
 Predicted MQL: 0.001799

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.02000	.02288	.003	14.4	.01618	.000	1
S3	.62500	.61031	-.015	-2.35	.43723	.001	1
S4	1.2500	1.2128	-.037	-2.97	.86913	.001	1
S5	2.5000	2.5490	.049	1.96	1.8254	.008	1



Fe 240.488 {140}

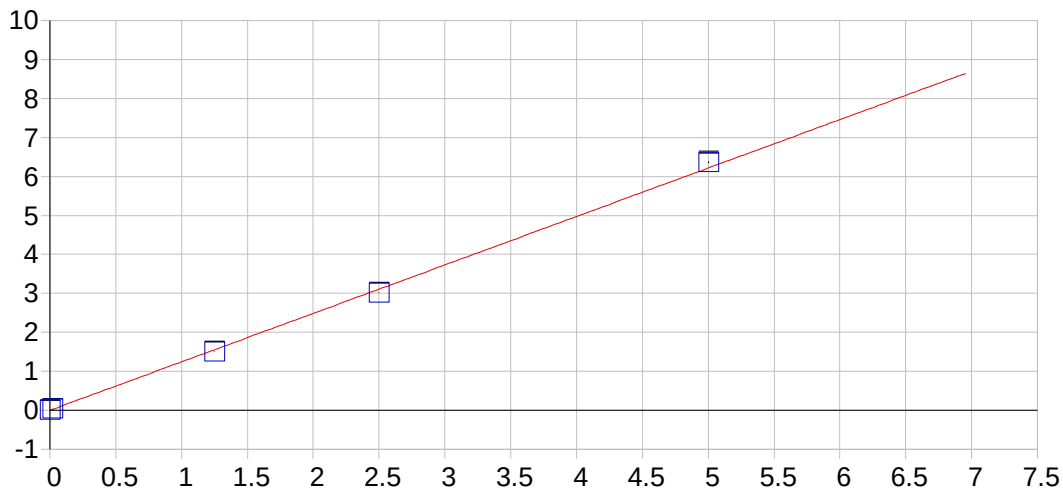
Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007824 Re-Slope: 1.000000
 A1 (Gain): 0.318415 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999785
 Std Error of Est: 0.000359
 Predicted MDL: 0.001784
 Predicted MQL: 0.005947

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00782	.001	1
S1	.10000	.11599	.016	16.0	.04491	.001	1
S3	2.5000	2.4589	-.041	-1.65	.79374	.005	1
S4	5.0000	4.8880	-.112	-2.24	1.5702	.009	1
S5	10.000	10.137	.137	1.37	3.2475	.042	1



Mn 257.610 {131}

Date of Fit: 2/20/2019 12:07:34

Type of Fit: Linear

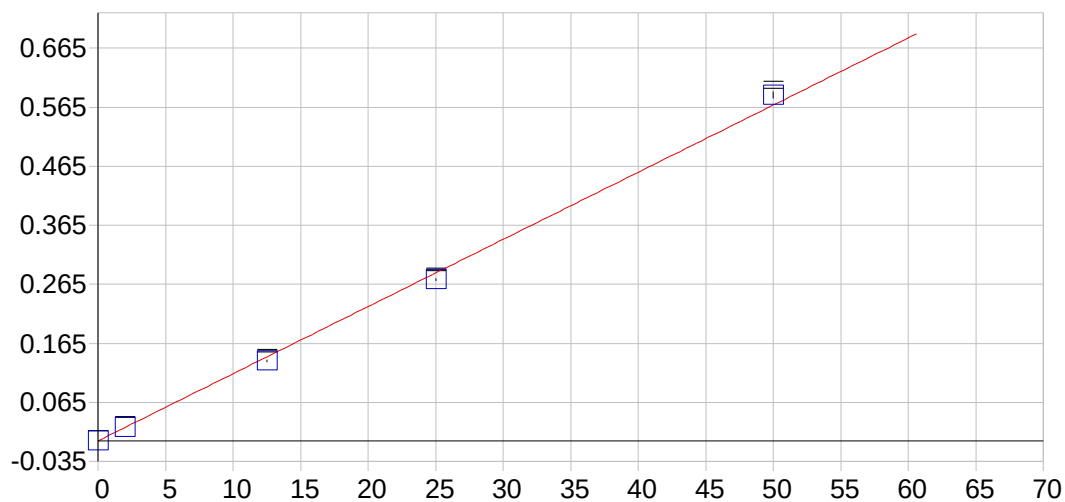
Weighting: 1/Conc

A0 (Offset): -0.000123
 A1 (Gain): 1.243069
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999580
 Std Error of Est: 0.000616
 Predicted MDL: 0.000067
 Predicted MQL: 0.000224

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	-.00013	.000	1
S1	.02000	.02369	.004	18.5	.02933	.000	1
S3	1.2500	1.2059	-.044	-3.53	1.4989	.006	1
S4	2.5000	2.4230	-.077	-3.08	3.0118	.008	1
S5	5.0000	5.1174	.117	2.35	6.3611	.025	1

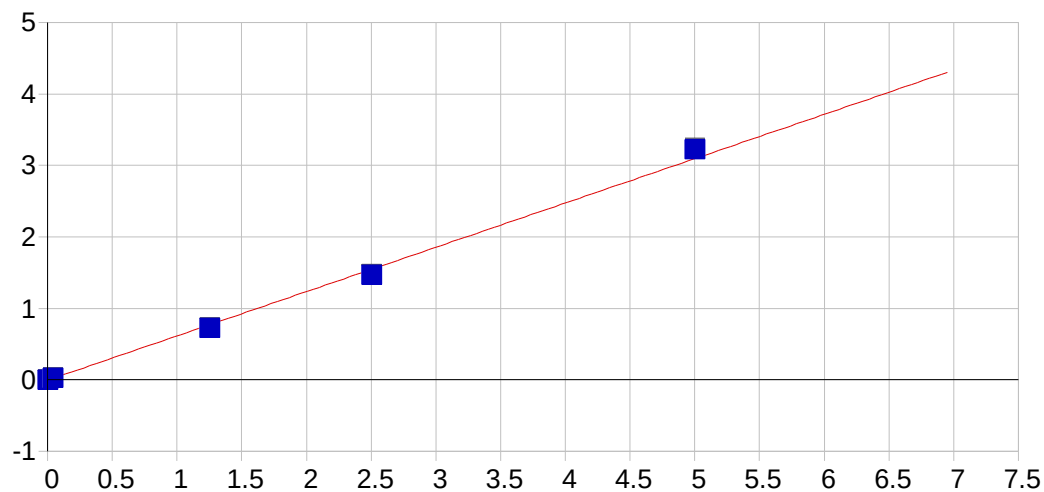


Mg 279.079 {121}

Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000233 Re-Slope: 1.000000
 A1 (Gain): 0.011375 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999391 Status: OK.
 Std Error of Est: 0.000217
 Predicted MDL: 0.041061
 Predicted MQL: 0.136871

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0354	.035	1.77	.02292	.000	1
S0	.00000	.00007	.000	.000	-.00023	.000	1
S3	12.500	11.924	-.576	-4.61	.13540	.002	1
S4	25.000	24.040	-.960	-3.84	.27322	.002	1
S5	50.000	51.501	1.50	3.00	.58559	.006	1



Ni 231.604 {445}

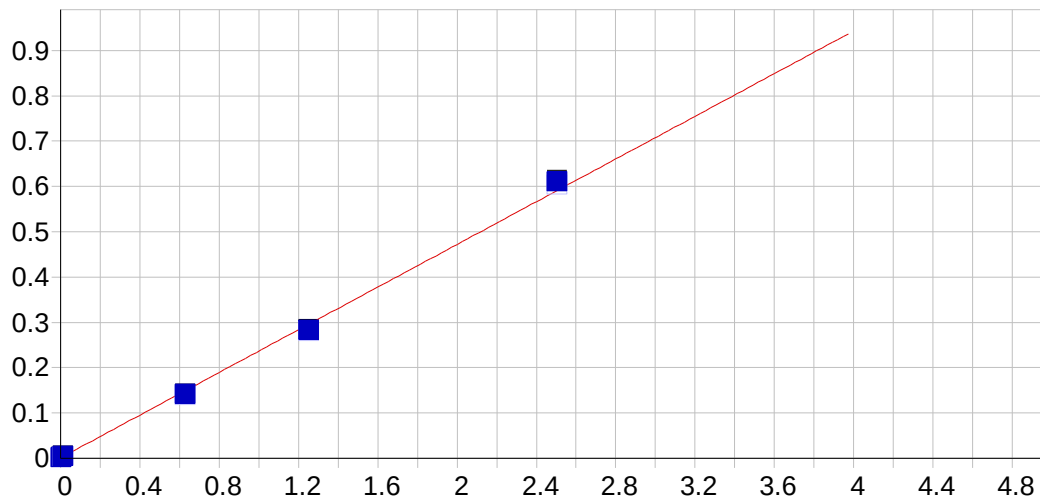
Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005307 Re-Slope: 1.000000
 A1 (Gain): 0.619991 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998835
 Std Error of Est: 0.000725
 Predicted MDL: 0.000459
 Predicted MQL: 0.001530

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00531	.000	1
S1	.04000	.04532	.005	13.3	.02280	.000	1
S3	1.2500	1.1705	-.079	-6.36	.72125	.002	1
S4	2.5000	2.3716	-.128	-5.14	1.4668	.004	1
S5	5.0000	5.2025	.203	4.05	3.2236	.011	1



Ag 328.068 {103}

Date of Fit: 2/20/2019 12:07:34

Type of Fit: Linear

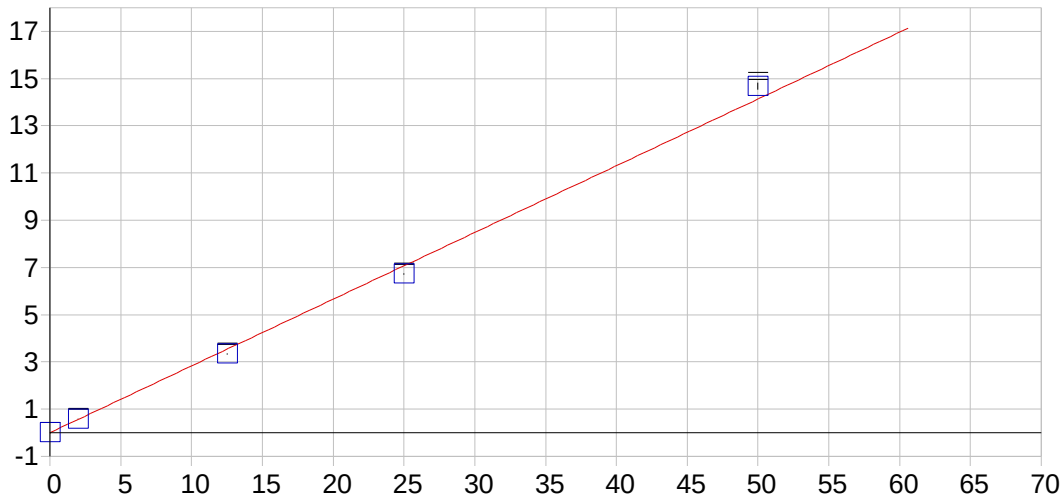
Weighting: 1/Conc

A0 (Offset): 0.001072
 A1 (Gain): 0.235498
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999209
 Std Error of Est: 0.000079
 Predicted MDL: 0.000588
 Predicted MQL: 0.001959

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	.00107	.000	1
S1	.01000	.01089	.001	8.87	.00359	.000	1
S3	.62500	.59275	-.032	-5.16	.13899	.000	1
S4	1.2500	1.1973	-.053	-4.22	.27970	.001	1
S5	2.5000	2.5841	.084	3.36	.60293	.003	1

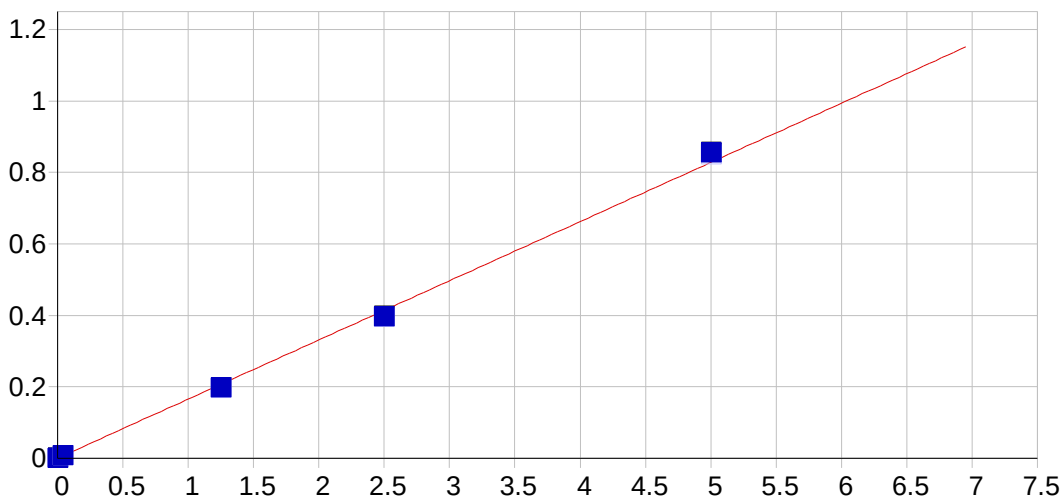


Na 589.592 { 57}

Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003629 Re-Slope: 1.000000
 A1 (Gain): 0.282694 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999024 Status: OK.
 Std Error of Est: 0.006822
 Predicted MDL: 0.011416
 Predicted MQL: 0.038055

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0372	.037	1.86	.57952	.007	1
S0	.00000	.00010	.000	.000	.00366	.004	1
S3	12.500	11.803	-.697	-5.57	3.3403	.027	1
S4	25.000	23.750	-1.25	-5.00	6.7177	.033	1
S5	50.000	51.909	1.91	3.82	14.678	.141	1



V 292.402 {115}

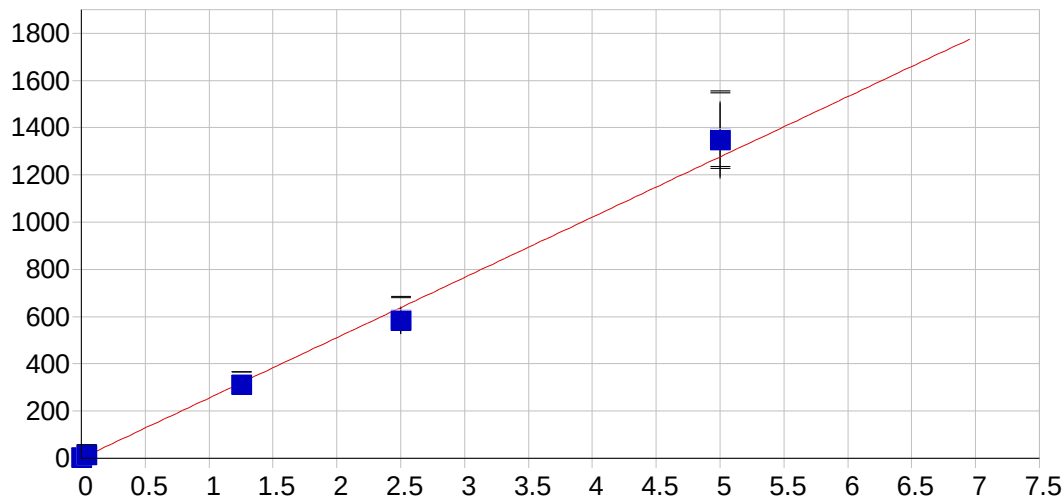
Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000209 Re-Slope: 1.000000
 A1 (Gain): 0.165547 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999185
 Std Error of Est: 0.000161
 Predicted MDL: 0.000581
 Predicted MQL: 0.001936

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00021	.000	1
S1	.04000	.04685	.007	17.1	.00786	.000	1
S3	1.2500	1.1860	-.064	-5.12	.19520	.001	1
S4	2.5000	2.3947	-.105	-4.21	.39394	.001	1
S5	5.0000	5.1625	.162	3.25	.84943	.002	1



Zn 206.200 {163}

Date of Fit: 2/20/2019 12:07:34

Type of Fit: Linear

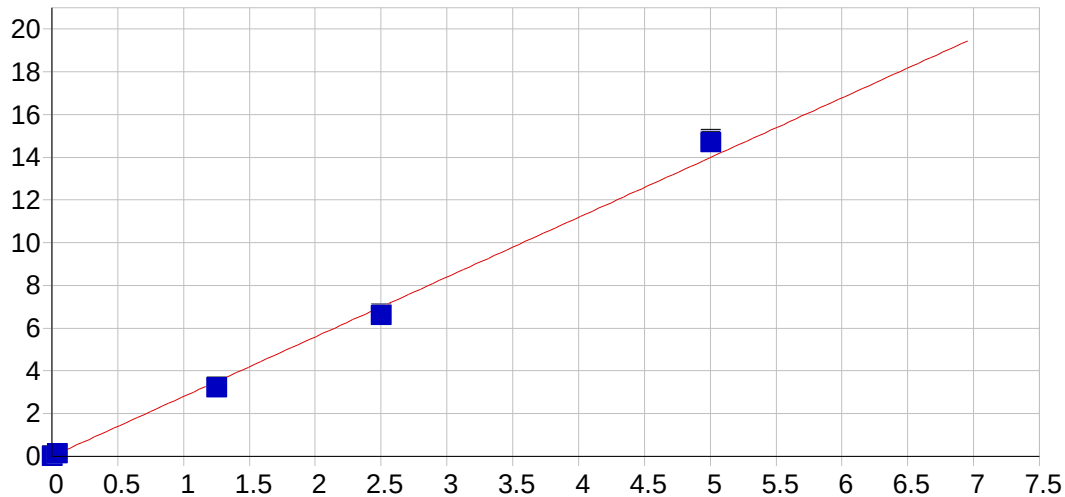
Weighting: 1/Conc

A0 (Offset): 0.453010
 A1 (Gain): 255.211328
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997936
 Std Error of Est: 0.399743
 Predicted MDL: 0.000255
 Predicted MQL: 0.000851

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	.45240	.176	1
S1	.04000	.04532	.005	13.3	12.087	1.54	1
S3	1.2500	1.2039	-.046	-3.69	309.64	13.9	1
S4	2.5000	2.2748	-.225	-9.01	584.86	56.3	1
S5	5.0000	5.2659	.266	5.32	1352.1	160.	1

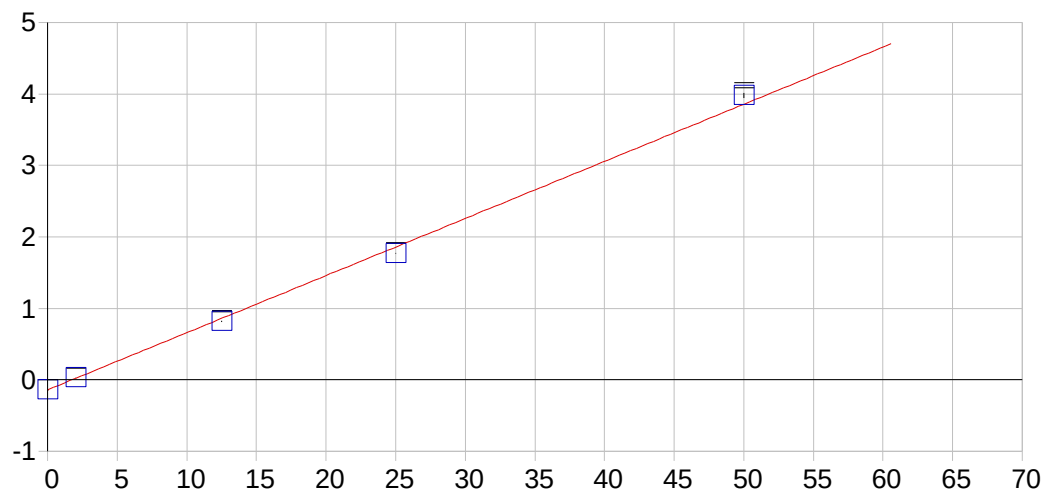


Zn 213.856 {458}

Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003129 Re-Slope: 1.000000
 A1 (Gain): 2.796279 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998316 Status: OK.
 Std Error of Est: 0.003956
 Predicted MDL: 0.000092
 Predicted MQL: 0.000306

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00313	.000	1
S1	.04000	.04348	.003	8.69	.12548	.000	1
S3	1.2500	1.1409	-.109	-8.73	3.2158	.006	1
S4	2.5000	2.3585	-.142	-5.66	6.6427	.006	1
S5	5.0000	5.2471	.247	4.94	14.765	.069	1



K 766.490 {44}

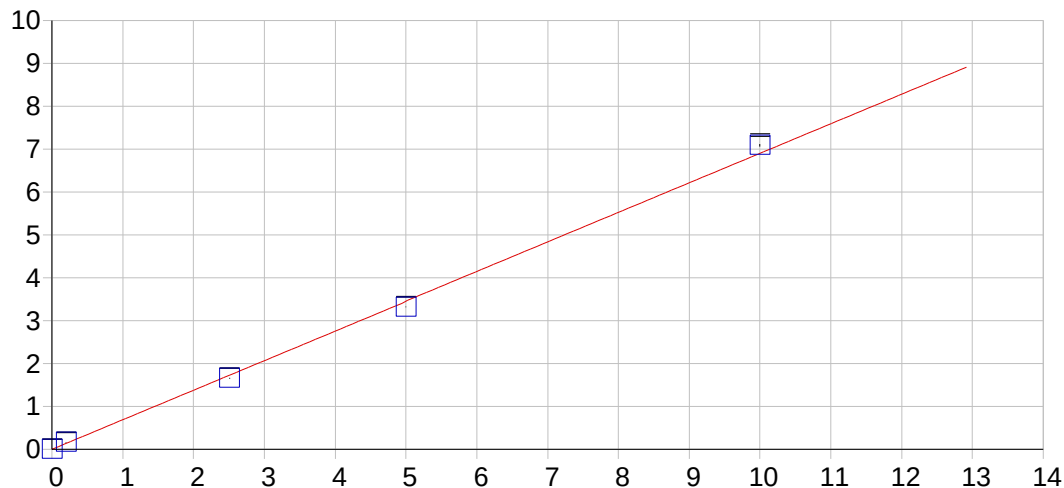
Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.139601 Re-Slope: 1.000000
 A1 (Gain): 0.079916 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999339
 Std Error of Est: 0.001587
 Predicted MDL: 0.044492
 Predicted MQL: 0.148307

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0776	.078	3.88	.02643	.004	1
S0	.00000	.00003	.000	.000	-.13960	.002	1
S3	12.500	12.007	-.493	-3.95	.81992	.009	1
S4	25.000	23.889	-1.11	-4.44	1.7695	.004	1
S5	50.000	51.526	1.53	3.05	3.9782	.038	1



Mo 202.030 {467}

Date of Fit: 2/20/2019 12:07:34

Type of Fit: Linear

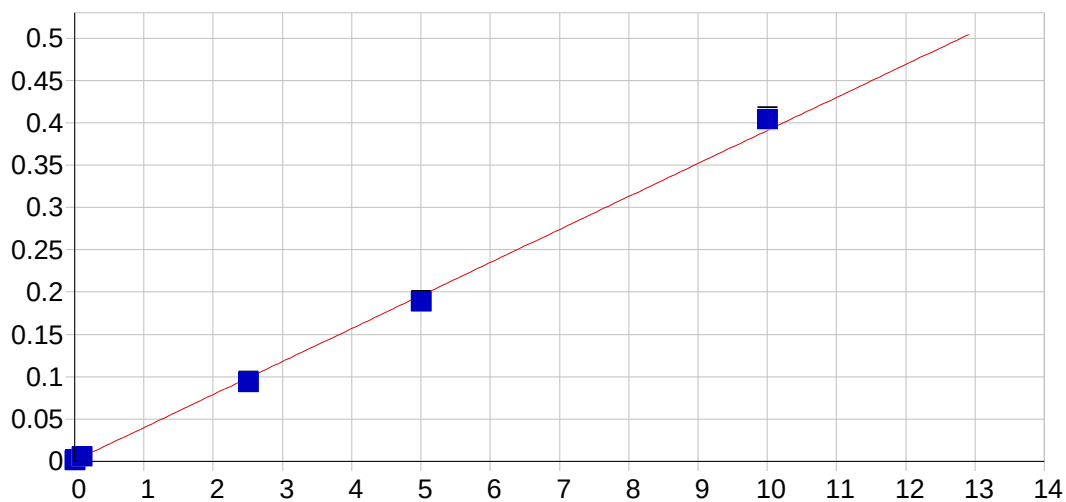
Weighting: 1/Conc

A0 (Offset): 0.000529
 A1 (Gain): 0.690265
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999379
 Std Error of Est: 0.001868
 Predicted MDL: 0.000320
 Predicted MQL: 0.001066

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	.00052	.000	1
S1	.20000	.22696	.027	13.5	.15719	.000	1
S3	2.5000	2.4013	-.099	-3.95	1.6581	.003	1
S4	5.0000	4.8069	-.193	-3.86	3.3186	.008	1
S5	10.000	10.265	.265	2.65	7.0860	.032	1

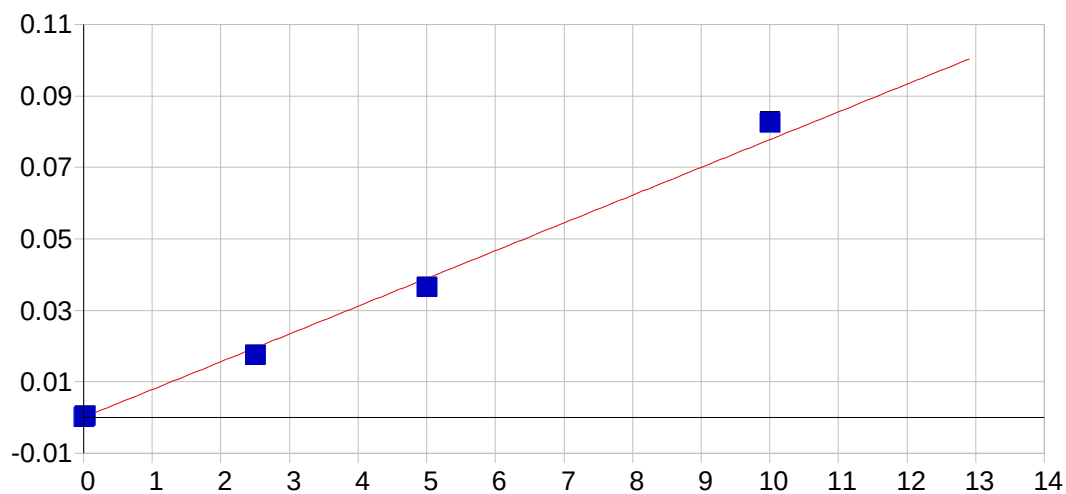


B 249.678 {135}

Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000945 Re-Slope: 1.000000
 A1 (Gain): 0.038997 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999288 Status: OK.
 Std Error of Est: 0.000079
 Predicted MDL: 0.008758
 Predicted MQL: 0.029192

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00095	.000	1
S1	.10000	.10487	.005	4.87	.00502	.000	1
S3	2.5000	2.3688	-.131	-5.25	.09309	.001	1
S4	5.0000	4.8057	-.194	-3.89	.18790	.001	1
S5	10.000	10.321	.321	3.21	.40251	.003	1



S 182.034 {485}

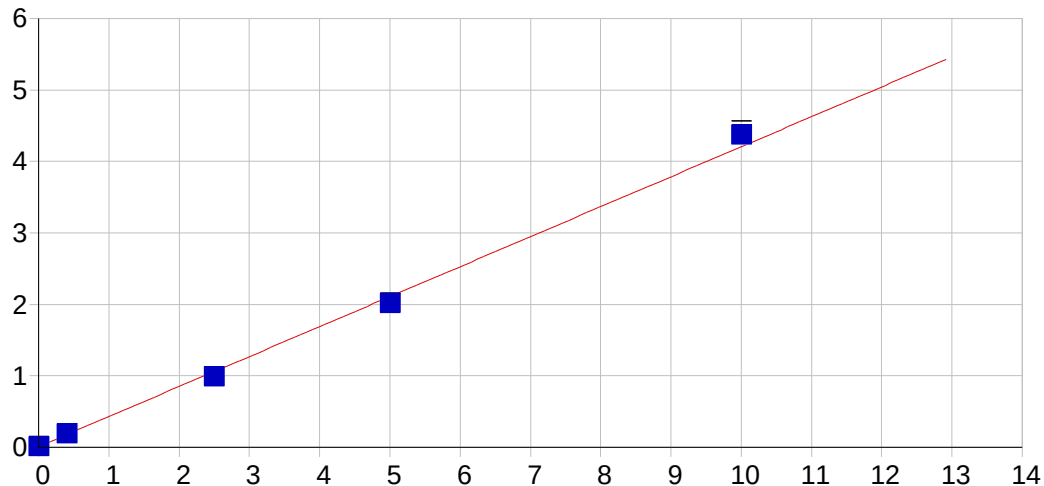
Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000084 Re-Slope: 1.000000
 A1 (Gain): 0.007769 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997254
 Std Error of Est: 0.000014
 Predicted MDL: 0.015479
 Predicted MQL: 0.051598

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00008	.000	1
S1	.02000	.03291	.013	64.6	.00033	.000	1
S3	2.5000	2.2229	-.277	-11.1	.01733	.000	1
S4	5.0000	4.6691	-.331	-6.62	.03632	.000	1
S5	10.000	10.595	.595	5.95	.08231	.000	1



Date of Fit: 2/20/2019 12:07:34

Type of Fit: Linear

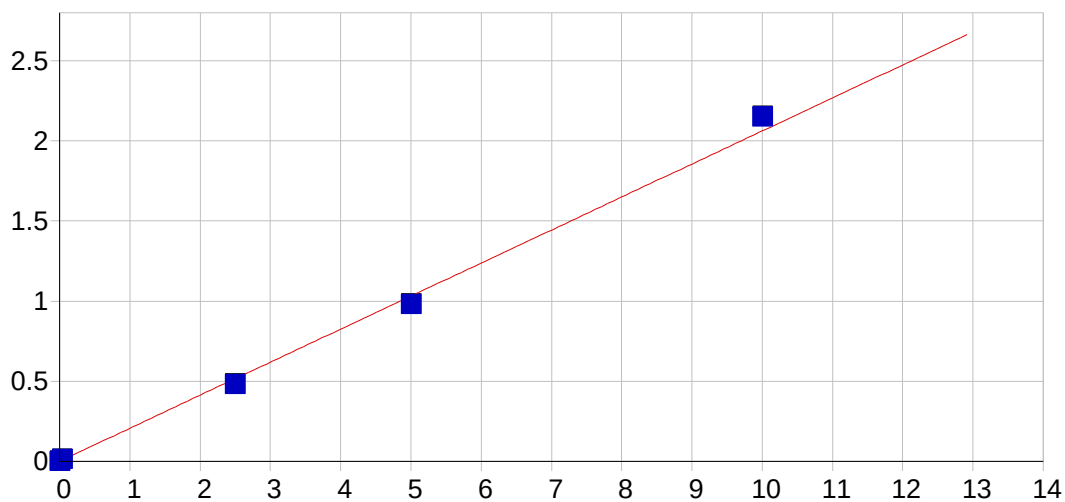
Weighting: 1/Conc

A0 (Offset): 0.011269
 A1 (Gain): 0.419432
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998920
 Std Error of Est: 0.002128
 Predicted MDL: 0.002616
 Predicted MQL: 0.008719

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	.01127	.001	1
S1	.40000	.42133	.021	5.33	.18785	.002	1
S3	2.5000	2.3260	-.174	-6.96	.98632	.001	1
S4	5.0000	4.7688	-.231	-4.62	2.0103	.007	1
S5	10.000	10.384	.384	3.84	4.3644	.057	1

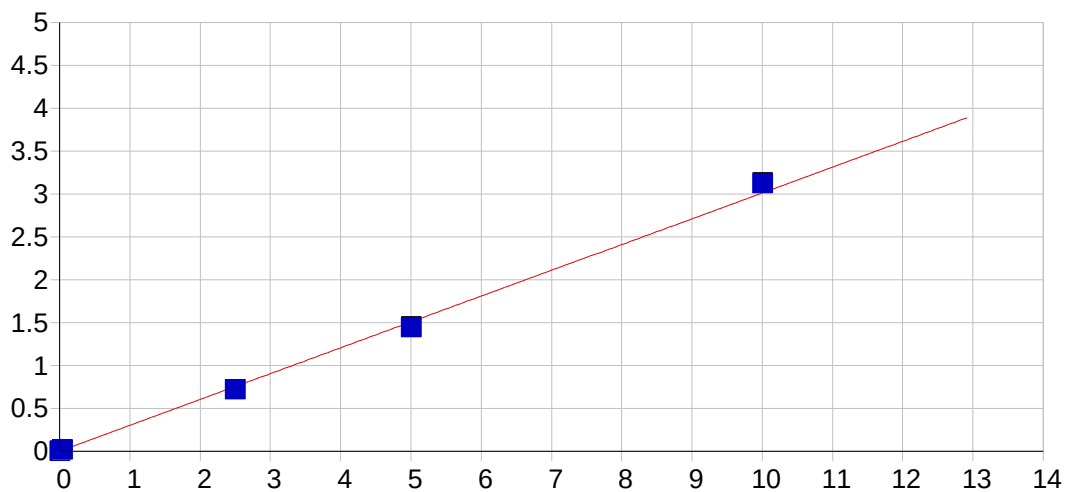


Sn 189.989 {477}

Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000919 Re-Slope: 1.000000
 A1 (Gain): 0.206115 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998774 Status: OK.
 Std Error of Est: 0.000349
 Predicted MDL: 0.000718
 Predicted MQL: 0.002394

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00092	.000	1
S1	.04000	.04586	.006	14.7	.01037	.000	1
S3	2.5000	2.3282	-.172	-6.87	.48088	.001	1
S4	5.0000	4.7465	-.253	-5.07	.97943	.003	1
S5	10.000	10.419	.419	4.19	2.1489	.006	1



Ti 336.121 {100}

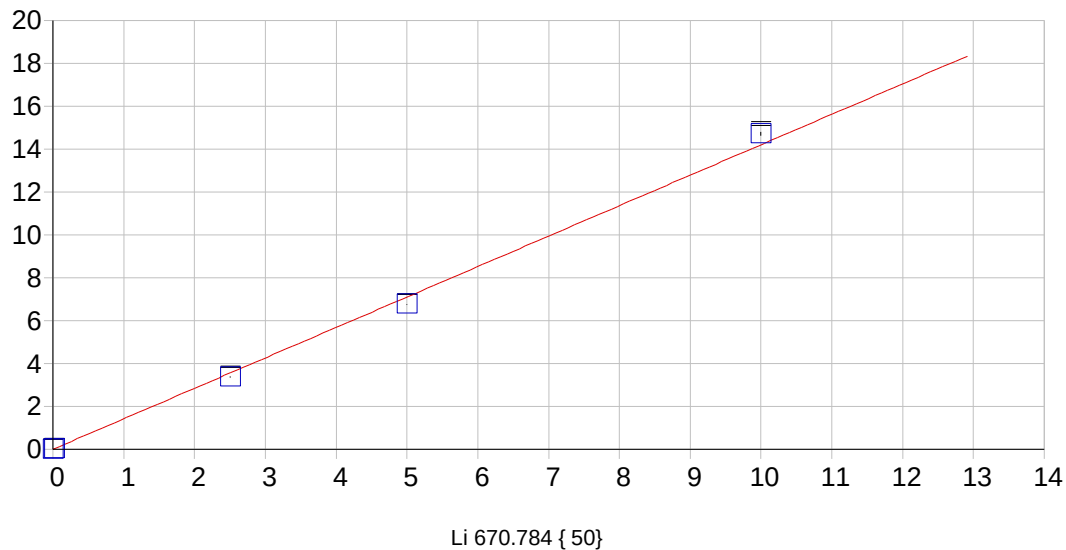
Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001518 Re-Slope: 1.000000
 A1 (Gain): 0.301178 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999157
 Std Error of Est: 0.000423
 Predicted MDL: 0.002355
 Predicted MQL: 0.007851

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00152	.000	1
S1	.04000	.04513	.005	12.8	.01510	.001	1
S3	2.5000	2.3656	-.134	-5.38	.71389	.006	1
S4	5.0000	4.7810	-.219	-4.38	1.4412	.010	1
S5	10.000	10.348	.348	3.48	3.1178	.012	1



Date of Fit: 2/20/2019 12:07:34

Type of Fit: Linear

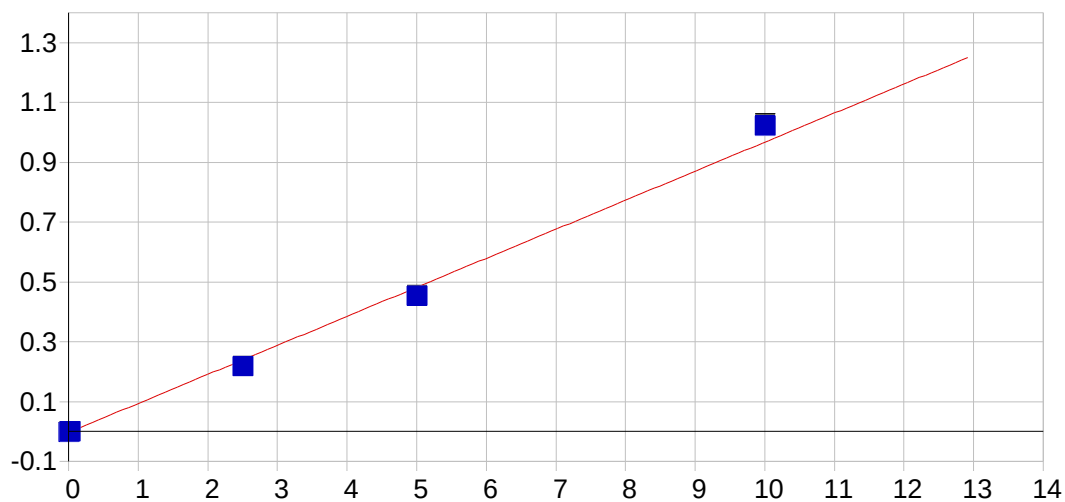
Weighting: 1/Conc

A0 (Offset): 0.001858
 A1 (Gain): 1.420294
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999115
 Std Error of Est: 0.001444
 Predicted MDL: 0.002448
 Predicted MQL: 0.008161

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	.00185	.002	1
S1	.02000	.02368	.004	18.4	.03549	.002	1
S3	2.5000	2.3775	-.122	-4.90	3.3787	.030	1
S4	5.0000	4.7601	-.240	-4.80	6.7626	.016	1
S5	10.000	10.359	.359	3.59	14.714	.094	1

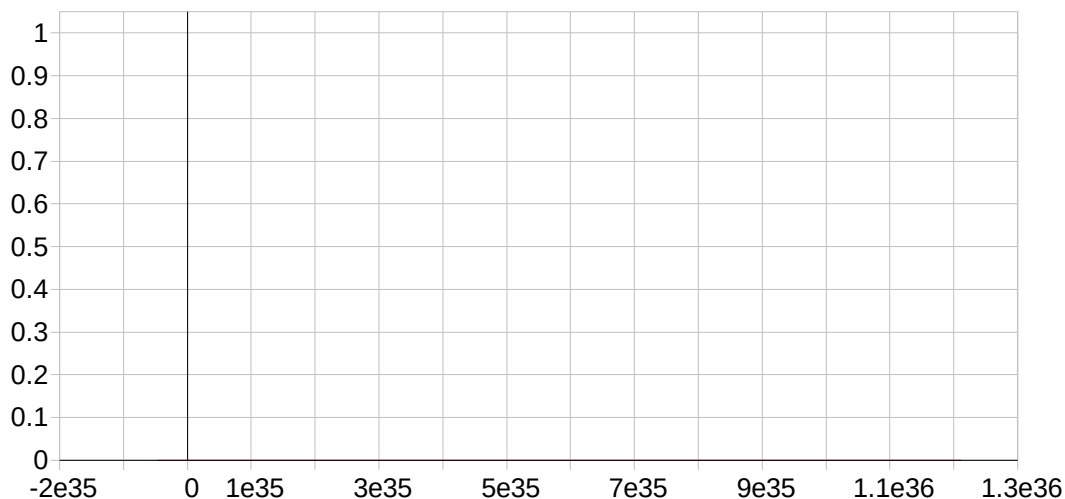


P 177.495 {490}

Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003433 Re-Slope: 1.000000
 A1 (Gain): 0.097084 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997973 Status: OK.
 Std Error of Est: 0.000149
 Predicted MDL: 0.001517
 Predicted MQL: 0.005057

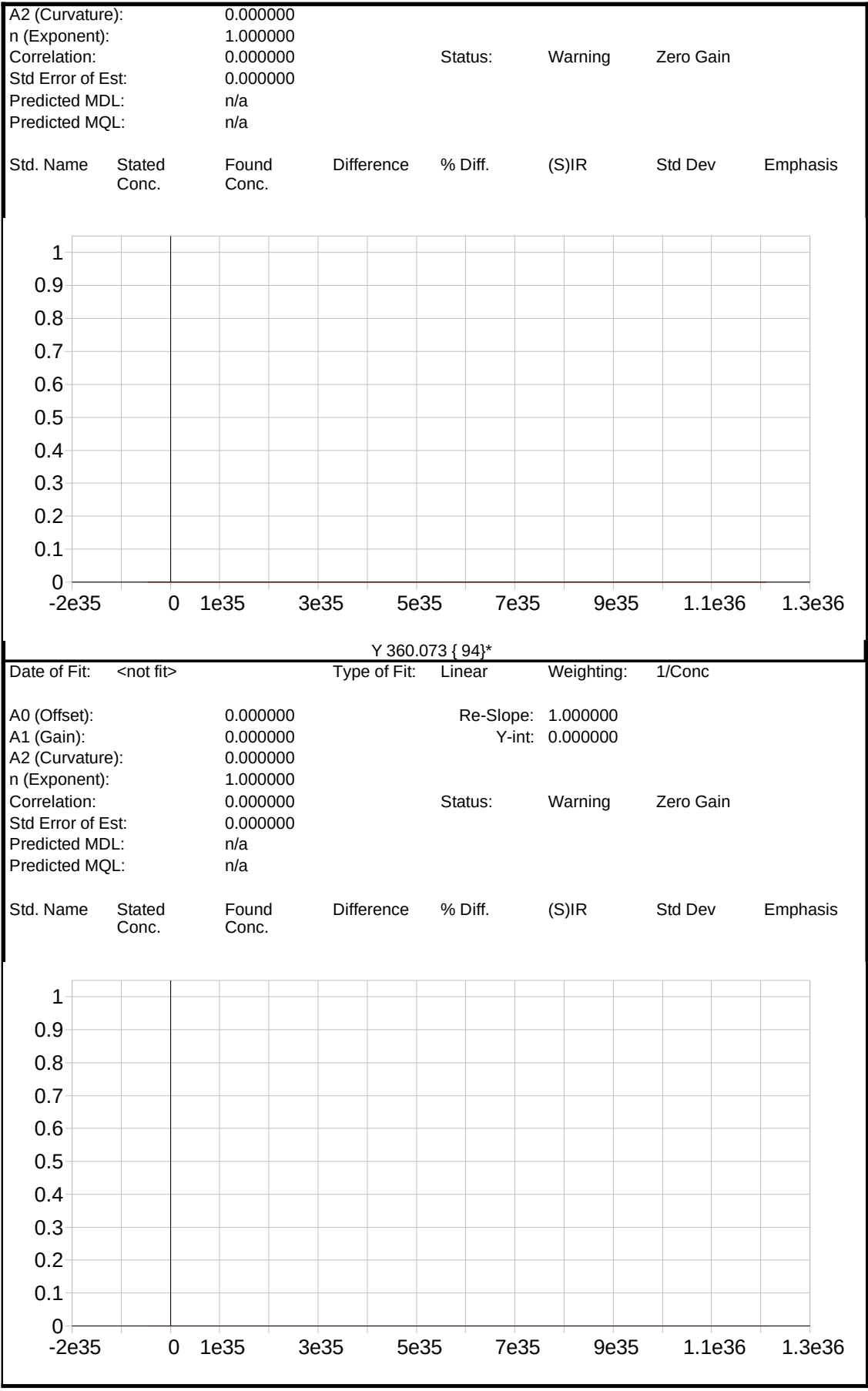
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00343	.000	1
S1	.02000	.01785	-.002	-10.8	-.00171	.000	1
S3	2.5000	2.2608	-.239	-9.57	.21570	.000	1
S4	5.0000	4.6974	-.303	-6.05	.45191	.002	1
S5	10.000	10.544	.544	5.44	1.0188	.008	1

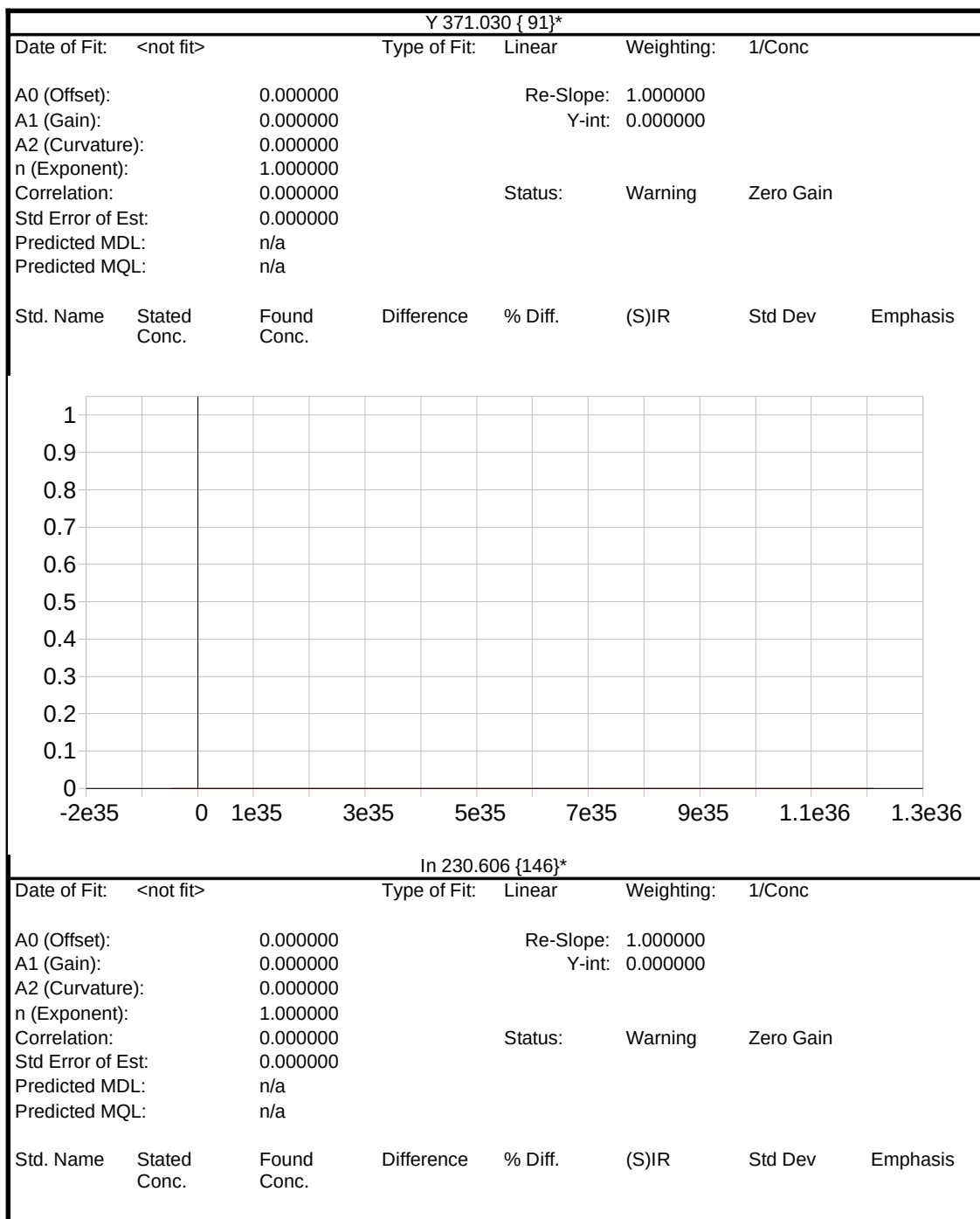


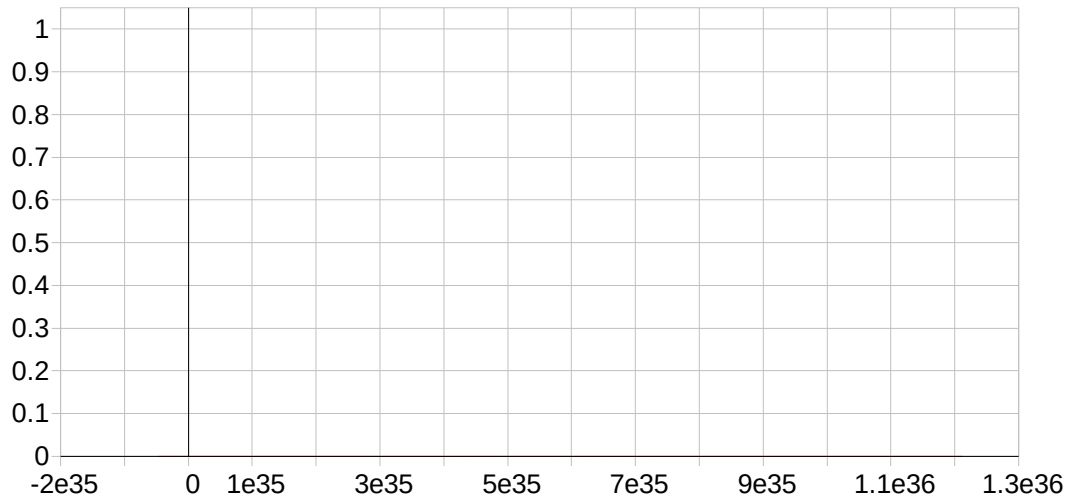
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

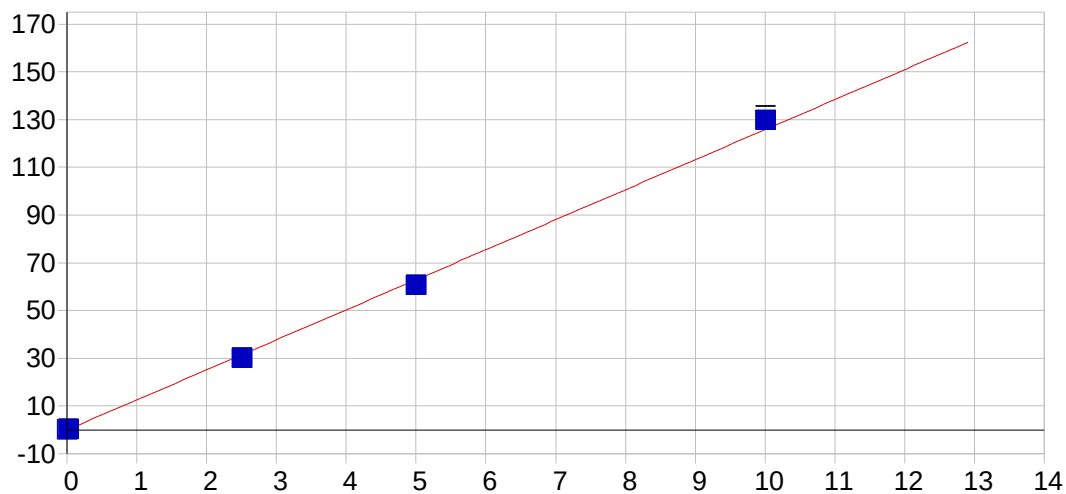
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 2/20/2019 12:07:34

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.013283

Re-Slope: 1.000000

A1 (Gain): 12.579321

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999361

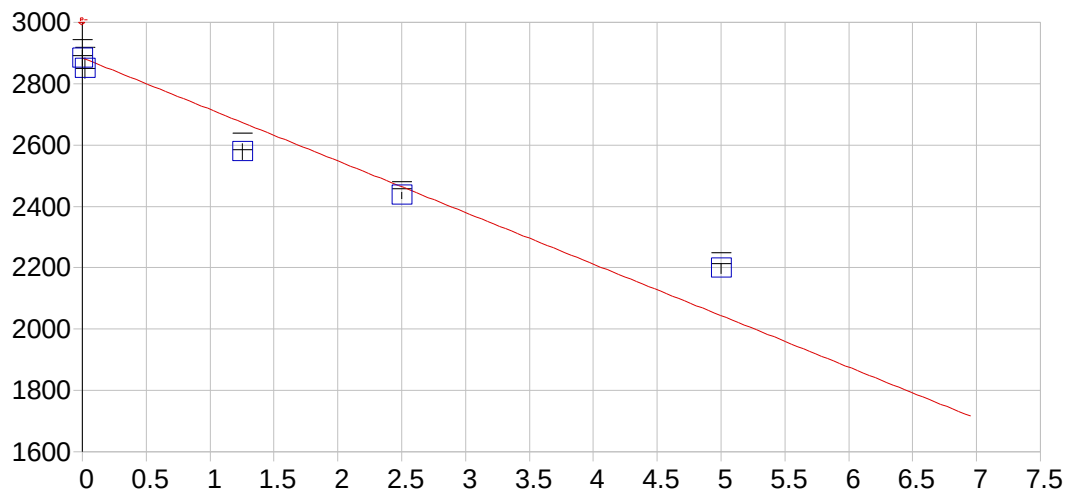
Status: OK.

Std Error of Est: 0.010882

Predicted MDL: 0.000109

Predicted MQL: 0.000363

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01329	.001	1
S1	.02000	.02155	.002	7.73	.25914	.004	1
S3	2.5000	2.3850	-.115	-4.60	30.024	.162	1
S4	5.0000	4.8054	-.195	-3.89	60.504	.116	1
S5	10.000	10.308	.308	3.08	129.79	1.71	1

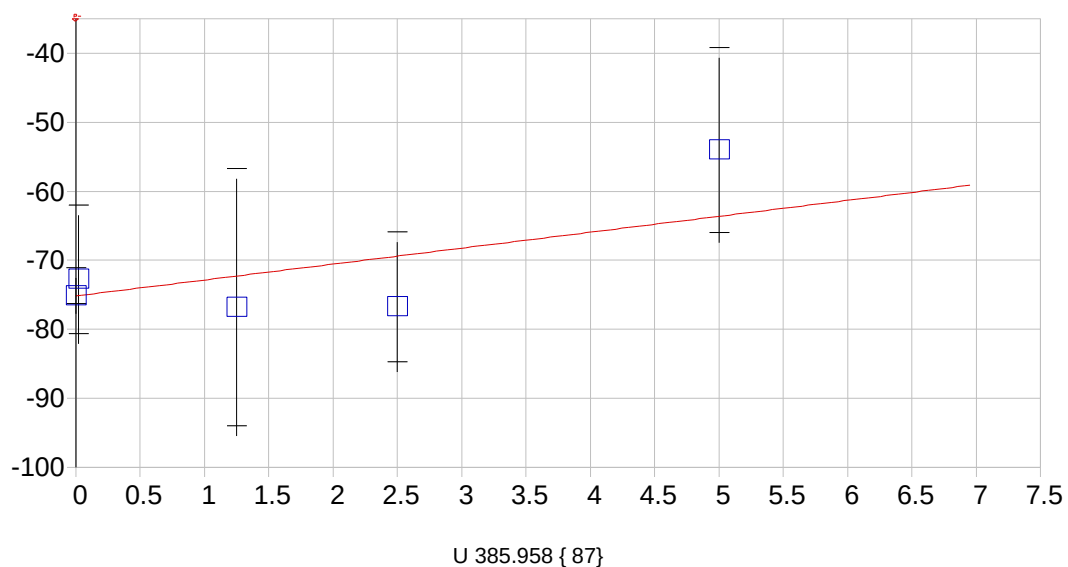


U 367.007 { 92 }

Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2884.043729 Re-Slope: 1.000000
A1 (Gain): -168.008850 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.898552 Status: Warning Negative Gain
Std Error of Est: 1.402268
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00019	-.000	.000	2884.1	25.6	1
S1	.02000	.20162	.182	908.	2850.2	34.5	1
S3	1.2500	1.8202	.570	45.6	2578.2	26.9	1
S4	2.5000	2.6687	.169	6.75	2435.7	10.6	1
S5	5.0000	4.0795	-.921	-18.4	2198.7	17.8	1



Date of Fit: 2/20/2019 12:07:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -75.159992 Re-Slope: 1.000000
 A1 (Gain): 2.306978 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.350567 Status: OK.
 Std Error of Est: 0.105319
 Predicted MDL: 5.313610
 Predicted MQL: 17.712035

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00098	-.001	.000	-75.162	2.62	1
S1	.02000	1.0388	1.02	5090.	-72.764	9.34	1
S3	1.2500	-.72068	-1.97	-158.	-76.823	18.6	1
S4	2.5000	-.69847	-3.20	-128.	-76.771	9.39	1
S5	5.0000	9.1504	4.15	83.0	-54.050	13.4	1

Sample Name: S0 Acquired: 2/20/2019 11:33:28 Type: Cal
Method: P4-ICP2(v2881) 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	-.00030	.00005	.00499	-.00005	.00018	.00014	.13424	.00013
Stddev	.00023	.00026	.00012	.00010	.00009	.00002	.00098	.00001
%RSD	78.510	497.67	2.4515	201.82	52.635	14.258	.73062	8.2213

#1	-.00052	-.00024	.00513	.00004	.00012	.00016	.13468	.00012
#2	-.00031	.00014	.00494	-.00017	.00028	.00012	.13492	.00013
#3	-.00006	.00026	.00490	-.00003	.00012	.00015	.13311	.00013

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	-.00226	-.00013	-.00020	-.00045	-.00017	.00782	-.00013	-.00023
Stddev	.00024	.00053	.00006	.00013	.00031	.00132	.00001	.00011
%RSD	10.772	394.79	29.452	29.320	179.41	16.891	10.536	45.639

#1	-.00199	-.00073	-.00019	-.00059	-.00004	.00900	-.00012	-.00034
#2	-.00244	.00026	-.00015	-.00041	-.00052	.00807	-.00012	-.00022
#3	-.00236	.00007	-.00026	-.00034	.00005	.00639	-.00014	-.00014

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	-.00531	.00107	.00366	.00021	.00313	-.13960	.00052	.00095
Stddev	.00033	.00007	.00405	.00006	.00013	.00236	.00014	.00038
%RSD	6.1558	6.3300	110.67	28.098	4.0623	1.6931	26.352	40.107

#1	-.00500	.00115	.00530	.00016	.00328	-.13692	.00046	.00137
#2	-.00565	.00104	.00663	.00027	.00305	-.14138	.00042	.00065
#3	-.00527	.00103	-.00095	.00019	.00307	-.14050	.00067	.00081

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	.00008	.01127	.00092	.00152	.00185	-.0034	-.01329	2884.1
Stddev	.00014	.00137	.00009	.00032	.00158	.0000	.00080	25.6
%RSD	172.08	12.129	10.059	21.045	85.220	1.227	6.0059	.88811

#1	-.00002	.01112	.00102	.00119	.00368	-.0035	-.01237	2878.8
#2	.00025	.01271	.00085	.00154	.00104	-.0035	-.01370	2861.5
#3	.00003	.00999	.00088	.00182	.00084	-.0034	-.01380	2911.9

Sample Name: S0 Acquired: 2/20/2019 11:33:28 Type: Cal
 Method: P4-ICP2(v2881) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-75.162
Stddev	2.622
%RSD	3.4890

#1	-77.997
#2	-74.666
#3	-72.823

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2844.9	44144.	3799.0	14.023	3211.1
Stddev	4.0	126.	34.1	.489	3.2
%RSD	.14141	.28506	.89806	3.4881	.10007

#1	2840.4	44189.	3769.0	14.368	3207.4
#2	2846.2	44002.	3791.8	13.464	3212.6
#3	2848.1	44242.	3836.1	14.239	3213.3

Sample Name: S1 Acquired: 2/20/2019 11:37:55 Type: Cal
Method: P4-ICP2(v2881) 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	.00148	.00564	.00940	.00157	.00853	.00108	.23408	.00607
Stddev	.00014	.00013	.00043	.00012	.00024	.00004	.00463	.00006
%RSD	9.3824	2.2724	4.5287	7.6555	2.8584	3.6271	1.9767	.93437

#1	.00143	.00556	.00912	.00154	.00836	.00109	.23178	.00603
#2	.00164	.00558	.00989	.00147	.00881	.00111	.23105	.00614
#3	.00137	.00579	.00920	.00170	.00842	.00104	.23941	.00604

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	.01804	.00212	.04635	.01618	.04491	.02933	.02280	.00359
Stddev	.00017	.00003	.00027	.00029	.00058	.00016	.00016	.00007
%RSD	.92174	1.2881	.58258	1.7981	1.2840	.55517	.69746	1.8453

#1	.01823	.00215	.04666	.01604	.04552	.02914	.02287	.00354
#2	.01792	.00213	.04616	.01651	.04485	.02945	.02262	.00366
#3	.01796	.00209	.04624	.01598	.04437	.02938	.02292	.00356

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	.00786	.12548	.15719	.00502	.00033	.18785	.01037	.01510
Stddev	.00007	.00010	.00047	.00030	.00006	.00155	.00018	.00068
%RSD	.93734	.08350	.30079	6.0403	17.345	.82562	1.7411	4.4927

#1	.00780	.12539	.15770	.00516	.00031	.18684	.01039	.01445
#2	.00785	.12559	.15711	.00523	.00040	.18963	.01054	.01505
#3	.00794	.12546	.15676	.00467	.00030	.18707	.01018	.01580

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03549	-.0017	.25914	2850.2	-72.764
Stddev	.00184	.0000	.00362	34.5	9.343
%RSD	5.1971	2.322	1.3978	1.2107	12.840

#1	.03737	-.0017	.25504	2812.3	-83.084
#2	.03368	-.0017	.26191	2879.7	-70.323
#3	.03541	-.0017	.26046	2858.5	-64.883

Sample Name: S1 Acquired: 2/20/2019 11:37:55 Type: Cal
Method: P4-ICP2(v2881) 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	2867.7	44131.	3864.5	15.911	3201.1
Stddev	10.8	90.	17.3	2.231	9.7
%RSD	.37731	.20436	.44747	14.021	.30207
#1	2859.1	44033.	3852.7	14.311	3193.4
#2	2879.9	44210.	3856.4	14.961	3212.0
#3	2864.1	44150.	3884.4	18.459	3197.9

Sample Name: S2 Acquired: 2/20/2019 11:42:20 Type: Cal
Method: P4-ICP2(v2881) 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	.11307	.02292	.57952	.02643
Stddev	.00144	.00037	.00709	.00380
%RSD	1.2753	1.6070	1.2240	14.385

#1	.11363	.02251	.58288	.02261
#2	.11143	.02303	.57137	.02647
#3	.11414	.02322	.58431	.03021

Int. Std.	Y_3710
Units	Cts/S
Avg	3791.0
Stddev	25.8
%RSD	.67948

#1	3775.9
#2	3820.7
#3	3776.2

Sample Name: S3 Acquired: 2/20/2019 11:46:36 Type: Cal
Method: P4-ICP2(v2881) 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	.18658	.28604	.80301	.17390	.35072	.03886	4.2893	.10748
Stddev	.00046	.00040	.00189	.00105	.00062	.00037	.0309	.00006
%RSD	.24504	.13846	.23584	.60559	.17584	.95984	.72080	.05741
#1	.18711	.28564	.80083	.17448	.35124	.03913	4.3085	.10753
#2	.18635	.28606	.80399	.17453	.35004	.03844	4.2536	.10749
#3	.18628	.28643	.80422	.17268	.35090	.03901	4.3058	.10741
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.7914	.66059	.10070	1.5771	.43723	.79374	1.4989	.13540
Stddev	.0084	.00661	.00085	.0021	.00110	.00521	.0063	.00182
%RSD	.22251	1.0001	.84160	.13537	.25250	.65621	.42338	1.3439
#1	3.7817	.65674	.10166	1.5750	.43778	.79939	1.5061	.13357
#2	3.7967	.65680	.10037	1.5769	.43795	.79268	1.4968	.13543
#3	3.7959	.66821	.10006	1.5793	.43596	.78913	1.4940	.13721
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	.72125	.13899	3.3403	.19520	3.2158	.81992	1.6581	.09309
Stddev	.00170	.00048	.0268	.00117	.0062	.00876	.0029	.00102
%RSD	.23635	.34653	.80169	.59683	.19363	1.0683	.17668	1.0980
#1	.71929	.13953	3.3699	.19636	3.2104	.82273	1.6559	.09267
#2	.72207	.13885	3.3178	.19521	3.2143	.81010	1.6614	.09236
#3	.72238	.13860	3.3333	.19403	3.2226	.82692	1.6569	.09426
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	.01733	.98632	.48088	.71389	3.3787	.2157	30.024	2578.2
Stddev	.00009	.00129	.00110	.00614	.0300	.0004	.162	26.9
%RSD	.51865	.13066	.22974	.85964	.88705	.1845	.53839	1.0445
#1	.01731	.98750	.47961	.71703	3.3986	.2157	30.097	2554.8
#2	.01726	.98653	.48157	.70682	3.3442	.2153	29.838	2607.7
#3	.01743	.98495	.48146	.71782	3.3932	.2161	30.136	2572.2

Sample Name: S3 Acquired: 2/20/2019 11:46:36 Type: Cal
Method: P4-ICP2(v2881) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-76.823
Stddev	18.645
%RSD	24.270

#1	-55.378
#2	-89.193
#3	-85.897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2765.6	42209.	3815.0	14.379	2943.8
Stddev	5.2	290.	21.5	.646	1.2
%RSD	.18679	.68638	.56366	4.4942	.03918

#1	2761.7	41885.	3790.8	14.252	2945.0
#2	2763.7	42444.	3831.9	13.805	2942.8
#3	2771.5	42298.	3822.3	15.079	2943.6

Sample Name: S4 Acquired: 2/20/2019 11:50:36 Type: Cal
Method: P4-ICP2(v2881) 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	.37653	.57967	1.6308	.35145	.70537	.07979	8.5395	.21730
Stddev	.00020	.00126	.0038	.00054	.00053	.00083	.0199	.00051
%RSD	.05258	.21759	.23125	.15433	.07492	1.0384	.23305	.23421

#1	.37645	.57910	1.6267	.35084	.70486	.07894	8.5509	.21705
#2	.37639	.57879	1.6317	.35161	.70591	.07984	8.5166	.21695
#3	.37676	.58111	1.6341	.35188	.70534	.08059	8.5512	.21788

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.7925	1.3361	.20426	3.2269	.86913	1.5702	3.0118	.27322
Stddev	.0122	.0126	.00081	.0026	.00139	.0093	.0075	.00224
%RSD	.15703	.94100	.39660	.08184	.16025	.59274	.24905	.82096

#1	7.7790	1.3221	.20397	3.2239	.86753	1.5771	3.0078	.27071
#2	7.7954	1.3463	.20364	3.2281	.87010	1.5596	3.0072	.27391
#3	7.8030	1.3400	.20518	3.2288	.86975	1.5738	3.0205	.27504

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	1.4668	.27970	6.7177	.39394	6.6427	1.7695	3.3186	.18790
Stddev	.0037	.00091	.0326	.00115	.0064	.0043	.0081	.00116
%RSD	.25598	.32449	.48564	.29271	.09586	.24221	.24355	.61914

#1	1.4627	.27963	6.7472	.39343	6.6364	1.7709	3.3094	.18666
#2	1.4674	.27882	6.6827	.39313	6.6425	1.7647	3.3247	.18807
#3	1.4702	.28063	6.7232	.39526	6.6491	1.7730	3.3216	.18897

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	.03632	2.0103	.97943	1.4412	6.7626	.4519	60.504	2435.7
Stddev	.00006	.0066	.00301	.0099	.0164	.0015	.116	10.6
%RSD	.15488	.32927	.30692	.68644	.24206	.3376	.19229	.43629

#1	.03628	2.0107	.97646	1.4299	6.7582	.4525	60.452	2446.8
#2	.03628	2.0035	.97936	1.4478	6.7488	.4502	60.423	2434.6
#3	.03638	2.0168	.98247	1.4461	6.7807	.4531	60.637	2425.6

Sample Name: S4 Acquired: 2/20/2019 11:50:36 Type: Cal
 Method: P4-ICP2(v2881) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-76.771
Stddev	9.386
%RSD	12.226

#1	-65.992
#2	-81.189
#3	-83.133

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2727.2	41157.	3778.1	15.026	2818.0
Stddev	2.0	130.	15.2	1.437	3.6
%RSD	.07163	.31661	.40307	9.5601	.12643

#1	2729.4	41213.	3764.3	13.455	2822.0
#2	2725.7	41250.	3794.4	15.349	2816.7
#3	2726.4	41008.	3775.5	16.273	2815.2

Sample Name: S5 Acquired: 2/20/2019 11:54:36 Type: Cal
Method: P4-ICP2(v2881) 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	.81536	1.2529	3.5649	.75566	1.5241	.17492	18.672	.46642
Stddev	.00269	.0031	.0154	.00294	.0066	.00056	.129	.00171
%RSD	.32937	.25016	.43240	.38915	.43039	.31909	.69119	.36733
#1	.81678	1.2551	3.5786	.75839	1.5315	.17456	18.690	.46832
#2	.81705	1.2544	3.5679	.75606	1.5221	.17556	18.535	.46596
#3	.81227	1.2493	3.5482	.75255	1.5188	.17464	18.791	.46499
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	17.171	2.8465	.43332	7.1144	1.8254	3.2475	6.3611	.58559
Stddev	.079	.0227	.00251	.0208	.0083	.0419	.0252	.00575
%RSD	.45984	.79649	.58000	.29205	.45312	1.2891	.39680	.98222
#1	17.253	2.8349	.43619	7.1351	1.8343	3.2610	6.3903	.58455
#2	17.164	2.8321	.43148	7.1144	1.8238	3.2006	6.3463	.58043
#3	17.095	2.8727	.43231	7.0936	1.8180	3.2810	6.3469	.59179
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	3.2236	.60293	14.678	.84943	14.765	3.9782	7.0860	.40251
Stddev	.0115	.00309	.141	.00198	.069	.0382	.0321	.00340
%RSD	.35548	.51330	.95837	.23361	.47064	.96157	.45348	.84451
#1	3.2336	.60643	14.676	.85146	14.837	3.9843	7.1148	.40261
#2	3.2261	.60055	14.539	.84935	14.759	3.9372	7.0918	.39907
#3	3.2111	.60182	14.820	.84749	14.699	4.0130	7.0514	.40586
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	.08231	4.3644	2.1489	3.1178	14.714	1.019	129.79	2198.7
Stddev	.00030	.0570	.0058	.0124	.094	.008	1.71	17.8
%RSD	.37029	1.3068	.26832	.39711	.63753	.7678	1.3191	.81054
#1	.08266	4.3706	2.1539	3.1157	14.724	1.027	129.69	2182.0
#2	.08212	4.3045	2.1502	3.1066	14.616	1.017	128.13	2217.5
#3	.08216	4.4180	2.1426	3.1311	14.803	1.012	131.55	2196.5

Sample Name: S5 Acquired: 2/20/2019 11:54:36 Type: Cal
 Method: P4-ICP2(v2881) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-54.050
Stddev	13.431
%RSD	24.849

#1	-61.363
#2	-38.550
#3	-62.238

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2548.4	38538.	3612.7	12.809	2525.2
Stddev	15.5	135.	39.1	1.467	16.0
%RSD	.60828	.34939	1.0826	11.452	.63202

#1	2533.0	38383.	3601.8	11.227	2508.9
#2	2548.2	38618.	3656.1	13.073	2526.0
#3	2564.0	38614.	3580.1	14.125	2540.8

Sample Name: ICV01 Acquired: 2/20/2019 12:04:15 Type: Unk
Method: P4-ICP2(v2881) 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	1.0463	1.0293	1.0168	1.0421	1.0376	2.6018	.52255	.50289
Stddev	.0027	.0027	.0012	.0034	.0005	.0494	.00706	.00159
%RSD	.25876	.26011	.11457	.32692	.04948	1.8996	1.3516	.31579
#1	1.0475	1.0322	1.0181	1.0430	1.0377	2.5841	.51606	.50303
#2	1.0482	1.0284	1.0163	1.0449	1.0381	2.5637	.52151	.50124
#3	1.0432	1.0271	1.0158	1.0383	1.0371	2.6576	.53007	.50440
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49145	10.463	.51081	.50146	.52614	5.2263	.51995	6.1708
Stddev	.00114	.032	.00283	.00027	.00220	.0372	.00144	.1865
%RSD	.23169	.30334	.55322	.05320	.41837	.71101	.27704	3.0217
#1	.49183	10.431	.51278	.50116	.52866	5.2108	.51978	6.0157
#2	.49236	10.463	.50757	.50168	.52514	5.2687	.51860	6.1189
#3	.49017	10.495	.51207	.50153	.52461	5.1993	.52147	6.3777
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50397	.51178	10.028	.50862	.98969	10.348	F 3.1318	F 3.1511
Stddev	.00111	.00399	.100	.00058	.00288	.038	.0144	.0191
%RSD	.22092	.77995	1.0010	.11425	.29130	.36756	.45886	.60713
#1	.50515	.51282	10.032	.50926	.99044	10.312	3.1422	3.1301
#2	.50384	.50737	10.126	.50812	.99213	10.345	3.1379	3.1557
#3	.50293	.51515	9.9257	.50847	.98651	10.388	3.1154	3.1675
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.9593	F 2.8791	F 3.0386	F 3.1807	F 3.1685	F 2.979	F 3.1154	F 3.2063
Stddev	.0126	.0273	.0037	.0150	.0162	.011	.0160	.1373
%RSD	.42408	.94724	.12169	.47064	.50994	.3628	.51225	4.2816
#1	2.9737	2.8734	3.0379	3.1642	3.1679	2.978	3.1140	3.1326
#2	2.9506	2.9087	3.0426	3.1845	3.1849	2.990	3.1320	3.1216
#3	2.9536	2.8551	3.0353	3.1935	3.1526	2.968	3.1001	3.3647

Sample Name: ICV01 Acquired: 2/20/2019 12:04:15 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 38.480
Stddev	1.281
%RSD	3.3282

#1	39.732
#2	37.172
#3	38.537

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2623.3	39908.	3694.9	15.374	2821.8
Stddev	15.9	165.	27.9	.814	14.2
%RSD	.60449	.41448	.75529	5.2961	.50500

#1	2611.4	39864.	3691.6	14.515	2815.5
#2	2617.2	40091.	3668.8	16.134	2811.7
#3	2641.3	39769.	3724.3	15.474	2838.1

Sample Name: LLICV01 Acquired: 2/20/2019 12:08:20 Type: Unk
Method: P4-ICP2(v2881) 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	.02061	.04482	.01348	.02028	.05343	.10091	.10864
Stddev	.00294	.00020	.00090	.00236	.00157	.01245	.00051
%RSD	14.255	.44212	6.7042	11.645	2.9326	12.335	.46707

#1	.01738	.04464	.01256	.01819	.05520	.11526	.10854
#2	.02314	.04503	.01437	.01981	.05284	.09307	.10918
#3	.02130	.04480	.01351	.02284	.05224	.09440	.10818

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00605	.00563	2.1411	.01025	.03200	.02128	.10603
Stddev	.00008	.00002	.0036	.00016	.00035	.00037	.00259
%RSD	1.2727	.36728	.16826	1.5879	1.0996	1.7350	2.4382

#1	.00610	.00565	2.1436	.01007	.03185	.02128	.10413
#2	.00596	.00562	2.1370	.01035	.03174	.02165	.10498
#3	.00608	.00561	2.1427	.01034	.03240	.02091	.10897

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02178	2.1443	.04143	.01120	2.0401	.04322	.04248
Stddev	.00015	.0507	.00015	.00037	.0213	.00060	.00013
%RSD	.70172	2.3621	.35583	3.2718	1.0430	1.3918	.30250

#1	.02163	2.1674	.04160	.01079	2.0621	.04255	.04236
#2	.02176	2.1792	.04133	.01130	2.0196	.04339	.04262
#3	.02194	2.0862	.04136	.01150	2.0387	.04371	.04248

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0984	.21012	.10031	F .05427	.42711	.04217	.04403
Stddev	.0473	.00039	.00511	.01725	.00383	.00058	.00125
%RSD	2.2529	.18600	5.0982	31.783	.89710	1.3708	2.8442

#1	2.0454	.21048	.10023	.04686	.42339	.04164	.04282
#2	2.1136	.20970	.09524	.07399	.43104	.04279	.04532
#3	2.1362	.21017	.10547	.04197	.42690	.04208	.04395

Sample Name: LLICV01 Acquired: 2/20/2019 12:08:20 Type: Unk
 Method: P4-ICP2(v2881) 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	.01919	.0183	.02005	F 2.5991	F<.00000
Stddev	.00063	.0002	.00011	.1803	.94074
%RSD	3.2866	.8302	.55091	6.9369	49.901

#1	.01855	.0183	.02018	2.7978	-2.6782
#2	.01919	.0185	.02002	2.4459	-.84579
#3	.01981	.0182	.01996	2.5536	-2.1317

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2633.9	40820.	3685.7	13.386	2950.5
Stddev	5.5	63.	17.6	1.827	5.7
%RSD	.21046	.15391	.47864	13.647	.19390

#1	2627.9	40796.	3690.8	11.357	2944.6
#2	2635.0	40772.	3666.0	14.900	2950.8
#3	2638.9	40891.	3700.1	13.900	2956.0

Sample Name: ICB01 Acquired: 2/20/2019 12:12:46 Type: Unk
Method: P4-ICP2(v2881) 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	-.00103	.00035	.00024	-.00047	-.00022	-.00901	.00471
Stddev	.00163	.00123	.00039	.00219	.00065	.01356	.00166
%RSD	157.39	356.83	162.16	465.70	301.72	150.58	35.182

#1	-.00009	-.00103	.00064	-.00280	-.00093	-.02023	.00631
#2	-.00291	.00136	-.00015	-.00017	.00036	-.01285	.00483
#3	-.00010	.00070	.00025	.00155	-.00009	.00606	.00300

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00010	.02317	.00011	.00010	-.00023	-.00138
Stddev	.00003	.00004	.00090	.00010	.00010	.00064	.00105
%RSD	112.11	44.059	3.8781	92.828	99.497	276.84	75.648

#1	.00003	-.00005	.02406	.00016	.00013	.00038	-.00145
#2	-.00000	-.00014	.02226	-.00001	.00017	-.00089	-.00031
#3	.00006	-.00010	.02321	.00017	-.00001	-.00018	-.00240

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.03708	-.00010	.00068	-.00606	.00028	.00011
Stddev	.00000	.02723	.00061	.00065	.00757	.00019	.00003
%RSD	15.578	73.434	618.89	94.537	124.89	67.522	30.626

#1	-.00004	.01553	.00056	.00022	-.01363	.00012	.00008
#2	-.00003	.06768	-.00022	.00040	-.00605	.00023	.00015
#3	-.00003	.02802	-.00063	.00142	.00150	.00048	.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00159	-.00011	-.00774	F .02115	.00215	.00074	-.00149
Stddev	.02210	.00042	.00253	.01547	.00266	.00022	.00050
%RSD	1387.6	369.89	32.645	73.177	123.52	29.544	33.303

#1	.00524	-.00029	-.00802	.02422	.00330	.00050	-.00181
#2	-.02631	-.00042	-.01011	.03485	.00404	.00082	-.00092
#3	.01629	.00037	-.00508	.00436	-.00089	.00092	-.00175

Sample Name: ICB01 Acquired: 2/20/2019 12:12:46 Type: Unk
 Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00099	-0.0019	-0.00007	F 2.7951	F<.00000
Stddev	.00161	.0011	.00005	.1015	6.3173
%RSD	162.37	58.60	68.540	3.6323	225.62

#1	.00086	-0.0014	-0.00004	2.7413	4.4859
#2	-0.00208	-0.0011	-0.00004	2.9122	-6.7520
#3	-0.00174	-0.0032	-0.00012	2.7318	-6.1338

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2631.7	40723.	3642.0	13.846	2980.7
Stddev	10.8	81.	10.1	1.697	12.7
%RSD	.41210	.19894	.27654	12.257	.42739

#1	2628.5	40761.	3648.3	14.441	2971.7
#2	2622.9	40630.	3630.4	11.932	2975.2
#3	2643.8	40778.	3647.3	15.166	2995.3

Sample Name: CRI01 Acquired: 2/20/2019 12:17:13 Type: Unk
Method: P4-ICP2(v2881) 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	.01896	.04571	.01403	.02036	.05600	.10639	.11005
Stddev	.00206	.00067	.00033	.00054	.00226	.01038	.00483
%RSD	10.886	1.4755	2.3574	2.6407	4.0303	9.7521	4.3932

#1	.01783	.04495	.01366	.02069	.05860	.11807	.11257
#2	.02135	.04624	.01413	.02065	.05482	.10287	.11310
#3	.01771	.04594	.01429	.01974	.05457	.09823	.10447

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00639	.00580	2.2164	.01086	.03339	.02192	.11065
Stddev	.00005	.00005	.0320	.00041	.00020	.00026	.00117
%RSD	.74440	.82963	1.4451	3.7353	.60570	1.1732	1.0604

#1	.00634	.00577	2.1818	.01076	.03315	.02214	.10969
#2	.00644	.00586	2.2450	.01051	.03351	.02164	.11196
#3	.00639	.00577	2.2226	.01130	.03349	.02196	.11030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02274	2.1965	.04339	.01201	2.1003	.04581	.04412
Stddev	.00004	.0696	.00016	.00048	.0133	.00044	.00009
%RSD	.19058	3.1683	.37473	3.9561	.63512	.96218	.20255

#1	.02272	2.2432	.04325	.01206	2.1048	.04553	.04418
#2	.02279	2.1166	.04357	.01152	2.1107	.04632	.04401
#3	.02271	2.2298	.04335	.01246	2.0852	.04558	.04415

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1784	.22001	.09824	F .04223	.43348	.04459	.04415
Stddev	.0323	.00024	.01604	.01565	.00312	.00067	.00197
%RSD	1.4821	.10895	16.331	37.067	.71946	1.4999	4.4512

#1	2.1656	.21999	.11676	.02813	.43207	.04503	.04548
#2	2.2151	.22026	.08852	.03949	.43705	.04382	.04507
#3	2.1544	.21978	.08945	.05907	.43131	.04492	.04189

Sample Name: CRI01 Acquired: 2/20/2019 12:17:13 Type: Unk
 Method: P4-ICP2(v2881) 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	.02142	.0194	.02094	F 3.0611	F<.00000
Stddev	.00140	.0023	.00006	.0813	1.9035
%RSD	6.5165	11.82	.30013	2.6546	104.42
#1	.02092	.0172	.02090	3.0262	-3.9968
#2	.02300	.0191	.02102	3.0031	-.45532
#3	.02035	.0218	.02092	3.1539	-1.0167
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2627.4	40478.	3712.7	15.088	2943.4
Stddev	15.7	75.	25.7	1.857	14.3
%RSD	.59695	.18442	.69289	12.304	.48549
#1	2610.0	40395.	3685.9	14.230	2928.4
#2	2640.4	40540.	3714.8	17.218	2956.8
#3	2631.8	40499.	3737.2	13.816	2945.2

Sample Name: ICSA01 Acquired: 2/20/2019 12:21:39 Type: Unk
Method: P4-ICP2(v2881) 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	-.01155	.00174	.00042	-.00100	-.00966	281.91	.00593	-.00014
Stddev	.00234	.00174	.00313	.00307	.00196	1.95	.00332	.00008
%RSD	20.281	100.25	743.41	306.80	20.265	.69056	56.038	58.131
#1	-.00983	.00220	-.00298	.00163	-.01149	279.69	.00247	-.00015
#2	-.01061	.00320	.00319	-.00437	-.00759	282.77	.00909	-.00020
#3	-.01422	-.00019	.00106	-.00027	-.00991	283.29	.00624	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	252.83	.05800	-.00024	-.00619	94.139	.01605	270.86
Stddev	.00004	.50	.00013	.00025	.00050	.956	.00006	1.08
%RSD	2.7197	.19585	.23227	102.01	8.0369	1.0160	.37264	.39789
#1	-.00167	253.12	.05816	-.00027	-.00675	95.172	.01611	271.10
#2	-.00168	253.11	.05792	-.00048	-.00604	93.960	.01600	271.80
#3	-.00160	252.26	.05793	.00002	-.00578	93.284	.01602	269.69
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00597	-.00341	.02436	.00137	-.01400	.07784	.00098	-.00448
Stddev	.00045	.00041	.01323	.00080	.00030	.01221	.00031	.00699
%RSD	7.6051	12.026	54.302	58.698	2.1247	15.681	31.082	156.07
#1	.00598	-.00388	.03662	.00092	-.01433	.07595	.00064	.00337
#2	.00551	-.00324	.01034	.00230	-.01376	.06668	.00122	-.00677
#3	.00642	-.00311	.02611	.00090	-.01390	.09088	.00109	-.01004
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04900	-.00822	.01249	-.00385	F .02813	.0002	.00198	4.2446
Stddev	.02357	.00350	.00076	.00181	.00028	.0019	.00118	.1103
%RSD	48.106	42.580	6.0872	47.149	.98479	894.2	59.571	2.5985
#1	.07105	-.00646	.01165	-.00498	.02823	-.0015	.00077	4.1290
#2	.05179	-.00595	.01270	-.00176	.02782	.0023	.00205	4.2561
#3	.02416	-.01225	.01313	-.00482	.02835	-.0002	.00313	4.3487

Sample Name: ICSA01 Acquired: 2/20/2019 12:21:39 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1108.0
Stddev	9.0
%RSD	.81247

#1	1114.9
#2	1111.3
#3	1097.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2424.8	36470.	3599.0	12.949	2382.0
Stddev	3.4	25.	37.7	.956	3.6
%RSD	.14127	.06779	1.0469	7.3865	.15310

#1	2421.0	36488.	3557.5	13.866	2381.5
#2	2427.7	36479.	3608.2	11.958	2385.8
#3	2425.7	36441.	3631.2	13.022	2378.6

Sample Name: ICSAB01 Acquired: 2/20/2019 12:41:18 Type: Unk
Method: P4-ICP2(v2881) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09270	.09171	.05470	.05292	.62439	267.35	.51087	.54817	1.0178
Stddev	.00289	.00249	.00104	.00483	.00497	1.47	.00238	.00166	.0016
%RSD	3.1158	2.7131	1.9033	9.1313	.79544	.55167	.46624	.30368	.15889
#1	.09602	.08902	.05475	.05019	.62806	267.13	.50813	.54769	1.0179
#2	.09073	.09393	.05572	.05007	.61874	268.92	.51204	.55002	1.0194
#3	.09135	.09219	.05364	.05850	.62636	266.00	.51244	.54680	1.0162
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	237.98	.56773	.51478	.50002	88.158	.53020	254.74	1.0266	.18786
Stddev	.52	.00222	.00090	.00249	.421	.00065	1.30	.0017	.00089
%RSD	.21763	.39138	.17473	.49834	.47779	.12336	.50846	.16182	.47389
#1	237.61	.56970	.51472	.50288	87.896	.52977	253.36	1.0283	.18825
#2	238.57	.56818	.51571	.49827	87.935	.53095	254.92	1.0265	.18684
#3	237.76	.56532	.51392	.49893	88.644	.52988	255.93	1.0250	.18849
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	.02716	.50794	1.0858	.08989	1.1138	1.1053	1.1785	.95831	1.1462
Stddev	.00601	.00032	.0035	.05106	.0035	.0046	.0455	.00562	.0029
%RSD	22.125	.06203	.31850	56.800	.31752	.42031	3.8631	.58696	.25318
#1	.02147	.50801	1.0869	.14874	1.1174	1.1001	1.1346	.95226	1.1442
#2	.02657	.50759	1.0885	.05730	1.1103	1.1092	1.1753	.95929	1.1495
#3	.03344	.50821	1.0819	.06363	1.1138	1.1065	1.2255	.96338	1.1448
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	1.1299	1.1759	1.150	1.1406	5.0554	1032.6			
Stddev	.0113	.0053	.003	.0036	.0298	5.3			
%RSD	.99967	.44941	.2428	.31096	.59033	.51626			
#1	1.1186	1.1709	1.151	1.1417	5.0438	1026.8			
#2	1.1299	1.1753	1.147	1.1435	5.0893	1037.3			
#3	1.1412	1.1814	1.152	1.1366	5.0332	1033.5			

Sample Name: ICSAB01 Acquired: 2/20/2019 12:41:18 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 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	2388.9	35858.	3601.1	12.810	2358.1
Stddev	10.6	54.	7.7	.434	7.7
%RSD	.44495	.15047	.21250	3.3859	.32560
#1	2376.6	35840.	3608.2	13.310	2350.2
#2	2395.9	35815.	3602.0	12.579	2358.6
#3	2394.0	35919.	3593.0	12.541	2365.5

Sample Name: CCV01 Acquired: 2/20/2019 12:45:35 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1731	4.9584	4.9904	5.0746	5.0894	10.089	9.9838	.24914
Stddev	.0123	.0094	.0056	.0052	.0095	.139	.1182	.00018
%RSD	.23735	.18863	.11272	.10154	.18590	1.3778	1.1834	.07125
#1	5.1845	4.9687	4.9850	5.0781	5.1002	9.9469	10.109	.24934
#2	5.1601	4.9561	4.9901	5.0770	5.0851	10.095	9.9673	.24903
#3	5.1746	4.9504	4.9962	5.0686	5.0828	10.225	9.8748	.24903
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4677	24.899	.99642	2.4901	1.2619	4.9314	2.5031	25.069
Stddev	.0049	.044	.00613	.0067	.0027	.0455	.0046	.156
%RSD	.19844	.17714	.61558	.27080	.21014	.92212	.18277	.62273
#1	2.4621	24.889	.99408	2.4823	1.2648	4.9839	2.4987	24.980
#2	2.4694	24.948	.99180	2.4942	1.2596	4.9048	2.5029	24.978
#3	2.4715	24.861	1.0034	2.4938	1.2613	4.9055	2.5078	25.250
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4915	1.2660	25.671	2.4733	2.5099	24.350	5.0711	4.8997
Stddev	.0071	.0105	.347	.0039	.0008	.325	.0014	.0537
%RSD	.28475	.82788	1.3518	.15618	.02988	1.3345	.02791	1.0970
#1	2.4847	1.2630	26.055	2.4695	2.5090	24.665	5.0697	4.9407
#2	2.4908	1.2573	25.577	2.4732	2.5101	24.370	5.0725	4.8389
#3	2.4988	1.2776	25.380	2.4772	2.5105	24.016	5.0711	4.9196
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9150	F 4.6104	4.9444	5.0309	4.9109	4.994	5.0058	5.1394
Stddev	.0267	.0411	.0171	.0197	.0524	.009	.0586	.1082
%RSD	.54252	.89076	.34674	.39054	1.0659	.1777	1.1708	2.1045
#1	4.9363	4.6578	4.9312	5.0385	4.9689	5.002	5.0611	5.1715
#2	4.8851	4.5884	4.9382	5.0086	4.8966	4.984	5.0119	5.0188
#3	4.9236	4.5850	4.9638	5.0456	4.8672	4.996	4.9444	5.2279

Sample Name: CCV01 Acquired: 2/20/2019 12:45:35 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6985
Stddev	4.4498
%RSD	164.90

#1	4.6753
#2	5.8174
#3	-2.3972

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2473.1	37970.	3643.9	14.159	2580.5
Stddev	2.5	116.	48.5	.967	1.3
%RSD	.10097	.30433	1.3315	6.8278	.05049

#1	2472.4	38023.	3588.3	13.550	2581.6
#2	2471.0	38050.	3665.7	13.654	2579.0
#3	2475.9	37837.	3677.6	15.274	2580.8

Sample Name: LLCCV01 Acquired: 2/20/2019 12:49:34 Type: Unk
Method: P4-ICP2(v2881) 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	.02074	.04417	.01420	.01814	.05681	.10454	.11007
Stddev	.00078	.00110	.00064	.00120	.00066	.01214	.00159
%RSD	3.7470	2.4918	4.5034	6.6356	1.1572	11.615	1.4473

#1	.01987	.04536	.01360	.01953	.05647	.11828	.11050
#2	.02101	.04394	.01487	.01740	.05639	.10008	.10831
#3	.02135	.04319	.01411	.01748	.05757	.09526	.11141

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00636	.00584	2.2154	.01070	.03333	.02213	.11414
Stddev	.00005	.00017	.0248	.00016	.00025	.00035	.00152
%RSD	.71096	2.9636	1.1181	1.5220	.75289	1.5932	1.3329

#1	.00638	.00594	2.2218	.01088	.03361	.02246	.11584
#2	.00640	.00564	2.2363	.01067	.03312	.02176	.11364
#3	.00631	.00594	2.1880	.01056	.03325	.02216	.11292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02280	2.2191	.04302	.01118	2.0327	.04492	.04432
Stddev	.00016	.0335	.00015	.00018	.0089	.00065	.00019
%RSD	.67998	1.5075	.35215	1.5860	.43943	1.4563	.42230

#1	.02279	2.1805	.04292	.01125	2.0426	.04444	.04416
#2	.02296	2.2384	.04294	.01097	2.0253	.04567	.04453
#3	.02265	2.2384	.04319	.01131	2.0303	.04465	.04429

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0910	.21894	.10506	F .06766	.43322	.04534	.04621
Stddev	.0493	.00082	.01337	.00769	.00408	.00082	.00184
%RSD	2.3581	.37251	12.728	11.359	.94174	1.7976	3.9875

#1	2.0878	.21806	.09451	.05920	.43433	.04621	.04831
#2	2.1418	.21967	.10056	.07421	.43662	.04521	.04488
#3	2.0433	.21908	.12010	.06958	.42869	.04460	.04543

Sample Name: LLCCV01 Acquired: 2/20/2019 12:49:34 Type: Unk
 Method: P4-ICP2(v2881) 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	.02040	.0190	.02097	F 4.1529	F<.00000
Stddev	.00103	.0004	.00025	.0347	3.0204
%RSD	5.0273	2.302	1.1781	.83645	108.94

#1	.01945	.0195	.02126	4.1909	.67621
#2	.02148	.0187	.02080	4.1228	-4.0477
#3	.02026	.0188	.02086	4.1450	-4.9463

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2559.1	39432.	3657.7	13.478	2879.4
Stddev	4.1	122.	42.4	.672	6.2
%RSD	.15945	.30890	1.1585	4.9888	.21507

#1	2554.9	39295.	3617.1	13.370	2872.3
#2	2563.0	39474.	3654.3	14.198	2883.7
#3	2559.5	39527.	3701.6	12.866	2882.3

Sample Name: CCB01 Acquired: 2/20/2019 12:54:02 Type: Unk
Method: P4-ICP2(v2881) 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	-.00110	.00060	.00031	.00037	-.00161	-.00756	.00558
Stddev	.00206	.00149	.00028	.00148	.00120	.00465	.00311
%RSD	187.70	249.85	92.041	399.34	74.540	61.425	55.734

#1	-.00319	-.00113	.00054	.00174	-.00026	-.00532	.00438
#2	-.00103	.00151	.00038	.00058	-.00254	-.01291	.00325
#3	.00093	.00141	-.00001	-.00120	-.00203	-.00447	.00911

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00013	.00738	-.00001	.00009	-.00044	-.00222
Stddev	.00003	.00003	.01158	.00028	.00006	.00055	.00210
%RSD	293.11	25.992	156.96	2029.5	66.097	126.08	94.703

#1	-.00001	-.00017	.01711	.00013	.00016	-.00084	-.00027
#2	-.00001	-.00012	-.00543	.00017	.00005	.00019	-.00445
#3	.00004	-.00010	.01046	-.00034	.00007	-.00067	-.00194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00085	-.00077	.00079	-.00697	.00051	.00009
Stddev	.00004	.03532	.00015	.00052	.00255	.00010	.00004
%RSD	501.82	4166.2	19.933	65.839	36.528	19.901	47.733

#1	.00006	.02580	-.00067	.00139	-.00405	.00054	.00007
#2	-.00001	-.03957	-.00095	.00054	-.00874	.00059	.00013
#3	-.00002	.01631	-.00070	.00044	-.00813	.00040	.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03476	.00000	-.00927	F .04734	.00335	.00138	-.00029
Stddev	.04512	.00049	.00871	.00648	.00302	.00036	.00106
%RSD	129.80	26843.	93.954	13.690	90.028	25.832	372.95

#1	.07976	.00050	-.00070	.04047	.00673	.00179	.00057
#2	-.01047	-.00002	-.00900	.04821	.00239	.00120	-.00148
#3	.03499	-.00048	-.01811	.05334	.00093	.00115	.00005

Sample Name: CCB01 Acquired: 2/20/2019 12:54:02 Type: Unk
 Method: P4-ICP2(v2881) 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	-0.00024	-0.0028	-0.00003	F 3.8688	F<.00000
Stddev	.00011	.0006	.00005	.2003	.96815
%RSD	45.632	23.25	154.37	5.1770	67.569

#1	-0.00023	-0.0030	-0.00006	3.6910	-2.2072
#2	-0.00035	-0.0020	-0.00006	4.0858	-1.7440
#3	-0.00014	-0.0032	.00002	3.8296	-.34736

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2569.0	39734.	3617.9	13.889	2920.5
Stddev	3.4	187.	34.8	1.977	4.6
%RSD	.13362	.47032	.96071	14.232	.15641

#1	2567.9	39617.	3594.6	12.964	2923.2
#2	2572.8	39635.	3601.3	16.159	2923.0
#3	2566.2	39949.	3657.9	12.545	2915.2

Sample Name: LR CHECK 1 Acquired: 2/20/2019 12:58:01 Type: Unk
Method: P4-ICP2(v2881) 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	-.15981	-.12080	.00248	-.28580	-.07064	2032.6	-.00371	.02353
Stddev	.01142	.00373	.00334	.00643	.00529	9.7	.00683	.00026
%RSD	7.1469	3.0874	134.55	2.2494	7.4928	.47732	184.19	1.0959

#1	-.14737	-.12511	-.00019	-.28998	-.07579	2023.9	-.00576	.02323
#2	-.16226	-.11878	.00141	-.28902	-.06521	2030.9	-.00927	.02363
#3	-.16982	-.11852	.00622	-.27840	-.07092	2043.1	.00391	.02372

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17975	1818.2	-.03183	.10406	.19123	868.45	.01296	1897.5
Stddev	.00062	4.2	.00132	.00010	.00215	4.59	.00038	5.6
%RSD	.34749	.23167	4.1423	.09286	1.1233	.52854	2.9713	.29775

#1	.18046	1817.6	-.03078	.10409	.19111	865.43	.01261	1900.2
#2	.17929	1822.7	-.03331	.10414	.19343	873.73	.01288	1901.4
#3	.17950	1814.3	-.03140	.10396	.18914	866.19	.01337	1891.1

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35265	-.21511	1844.2	.02201	.26273	1076.3	.01744	-1.3024
Stddev	.00252	.00080	22.4	.00138	.00135	5.5	.00189	.0146
%RSD	.71332	.37001	1.2123	6.2500	.51501	.50649	10.839	1.1238

#1	.35067	-.21436	1860.8	.02102	.26351	1072.5	.01677	-1.2947
#2	.35180	-.21502	1853.0	.02358	.26117	1082.6	.01598	-1.3193
#3	.35548	-.21594	1818.8	.02143	.26350	1073.9	.01957	-1.2932

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02561	-.02685	.12902	-.07310	.25514	.1116	-.93863	<.00000
Stddev	.11803	.00142	.00062	.00279	.00292	.0037	.00501	.19556
%RSD	460.94	5.2876	.47866	3.8138	1.1456	3.304	.53351	1.9654

#1	-.07257	-.02775	.12835	-.07346	.25847	.1089	-.93527	-9.7743
#2	-.00718	-.02758	.12957	-.07569	.25391	.1158	-.94439	-9.9155
#3	.15657	-.02521	.12913	-.07015	.25302	.1102	-.93623	-10.161

Sample Name: LR CHECK 1 Acquired: 2/20/2019 12:58:01 Type: Unk
 Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	20963.
Stddev	61.
%RSD	.29148

#1	20917.
#2	21032.
#3	20940.

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1881.5	27998.	3252.1	13.541	1366.2
Stddev	11.7	31.	10.2	1.381	3.7
%RSD	.62030	.11107	.31299	10.201	.27132

#1	1893.3	28003.	3260.3	12.197	1369.6
#2	1870.0	27965.	3240.7	13.468	1362.2
#3	1881.1	28026.	3255.3	14.957	1366.7

Sample Name: LR CHECK 2 Acquired: 2/20/2019 13:03:06 Type: Unk
Method: P4-ICP2(v2881) 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	-.00231	-.01561	254.47	.02658	-.08112	-.30032	101.59	-.00040
Stddev	.00249	.00157	1.87	.00106	.00567	.00018	1.20	.00001
%RSD	107.44	10.066	.73287	4.0005	6.9934	.05946	1.1857	3.7197

#1	-.00255	-.01719	255.62	.02560	-.08517	-.30012	102.95	-.00041
#2	-.00468	-.01558	255.48	.02771	-.08355	-.30047	100.68	-.00038
#3	.00028	-.01405	252.32	.02644	-.07463	-.30036	101.12	-.00040

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01373	.26800	-.13533	-.01454	274.56	-.73953	44.679	-.04385
Stddev	.00034	.00549	.00067	.00014	2.98	.00502	.445	.04027
%RSD	2.5014	2.0473	.49462	.94767	1.0847	.67918	.99613	91.830

#1	-.01382	.26327	-.13602	-.01470	277.20	-.74390	45.176	-.07356
#2	-.01403	.26672	-.13529	-.01448	275.14	-.74064	44.543	-.05998
#3	-.01335	.27402	-.13468	-.01445	271.33	-.73405	44.318	.00198

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.627	.00911	1.0049	-.08231	37.688	.90266	-.00513	-.01737
Stddev	.402	.00046	.0838	.00037	.293	.07863	.00012	.00647
%RSD	.74958	5.0141	8.3404	.44460	.77792	8.7113	2.4147	37.252

#1	53.869	.00957	1.0975	-.08191	37.920	.97371	-.00525	-.02178
#2	53.849	.00866	.98283	-.08264	37.786	.91610	-.00500	-.02040
#3	53.163	.00908	.93428	-.08237	37.359	.81818	-.00513	-.00994

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05405	.00350	.00463	.02596	.00161	.0719	.00260	4.0952
Stddev	.02600	.00009	.00035	.00103	.00234	.0084	.00002	.0894
%RSD	48.108	2.5697	7.4607	3.9513	144.99	11.63	.89050	2.1834

#1	-.08405	.00355	.00425	.02705	-.00061	.0677	.00257	4.1968
#2	-.04017	.00340	.00471	.02502	.00405	.0664	.00261	4.0284
#3	-.03794	.00356	.00493	.02581	.00139	.0815	.00261	4.0605

Sample Name: LR CHECK 2 Acquired: 2/20/2019 13:03:06 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	6.1135
%RSD	4.1998

#1	-149.77
#2	-148.38
#3	-138.55

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2417.0	41329.	3828.7	12.880	2757.3
Stddev	18.8	208.	40.0	1.201	20.0
%RSD	.77628	.50314	1.0448	9.3239	.72485

#1	2407.1	41106.	3782.7	14.027	2744.2
#2	2405.3	41363.	3854.9	11.632	2747.3
#3	2438.7	41517.	3848.7	12.982	2780.3

Sample Name: K1512-04DLX100 Acquired: 2/20/2019 13:07:25 Type: Unk
Method: P4-ICP2(v2881) 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	.00201	.00010	.04873	.00220	-.02423	.18602	.01730	-.00013
Stddev	.00153	.00141	.00072	.00256	.00121	.01575	.00209	.00007
%RSD	76.195	1389.7	1.4808	116.71	5.0095	8.4649	12.098	55.214
#1	.00227	.00169	.04816	.00346	-.02368	.20160	.01531	-.00021
#2	.00339	-.00038	.04954	-.00075	-.02339	.18636	.01948	-.00006
#3	.00036	-.00101	.04848	.00389	-.02562	.17011	.01711	-.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00632	.65409	.24489	.00458	4.6373	20.303	.09723	.26282
Stddev	.00003	.01199	.00074	.00037	.0182	.213	.00057	.03821
%RSD	.53084	1.8328	.30053	8.0975	.39308	1.0479	.58290	14.538
#1	-.00628	.66288	.24515	.00468	4.6163	20.512	.09787	.28088
#2	-.00635	.65895	.24546	.00489	4.6488	20.087	.09704	.21893
#3	-.00631	.64043	.24406	.00417	4.6467	20.310	.09678	.28866
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.859	.00008	43.421	.00109	.33684	19.527	.00346	.85690
Stddev	.070	.00058	.329	.00014	.00054	.152	.00016	.02061
%RSD	.30443	741.78	.75742	13.320	.16068	.78075	4.5588	2.4056
#1	22.783	-.00060	43.731	.00106	.33741	19.661	.00330	.88004
#2	22.919	.00044	43.076	.00124	.33675	19.560	.00362	.85012
#3	22.875	.00039	43.455	.00096	.33634	19.361	.00346	.84052
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.546	.89584	-.00954	.01390	.00461	2.324	-.01488	4.6814
Stddev	.045	.00874	.00075	.00092	.00198	.005	.00022	.0971
%RSD	.13950	.97524	7.8582	6.6056	42.985	.1982	1.5103	2.0740
#1	32.582	.90571	-.00898	.01459	.00681	2.322	-.01507	4.7777
#2	32.495	.88908	-.01039	.01286	.00407	2.321	-.01463	4.6828
#3	32.562	.89274	-.00925	.01424	.00296	2.330	-.01494	4.5835

Sample Name: K1512-04DLX100 Acquired: 2/20/2019 13:07:25 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 219.40
Stddev	4.09
%RSD	1.8625

#1	219.45
#2	215.30
#3	223.47

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2523.7	38876.	3730.5	13.521	2718.2
Stddev	7.4	96.	35.2	.198	5.8
%RSD	.29461	.24772	.94231	1.4623	.21158

#1	2531.6	38769.	3698.9	13.668	2723.1
#2	2516.9	38906.	3768.4	13.599	2711.9
#3	2522.7	38955.	3724.1	13.296	2719.6

Sample Name: K1512-05DLX100 Acquired: 2/20/2019 13:11:44 Type: Unk
Method: P4-ICP2(v2881) 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	-.00311	-.00290	.24826	.00029	-.05551	.58897	.09476	-.00014
Stddev	.00172	.00069	.00079	.00077	.00138	.00539	.00203	.00014
%RSD	55.250	23.895	.31913	265.20	2.4901	.91552	2.1417	97.786
#1	-.00505	-.00274	.24898	.00118	-.05555	.59300	.09387	-.00001
#2	-.00247	-.00366	.24838	-.00016	-.05410	.58285	.09333	-.00029
#3	-.00180	-.00230	.24741	-.00015	-.05686	.59107	.09708	-.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01116	5.2714	1.9756	.07062	38.930	21.423	.24616	1.0101
Stddev	.00009	.0277	.0340	.00030	.121	.293	.00409	.0343
%RSD	.80004	.52455	1.7194	.42060	.31116	1.3666	1.6595	3.3941
#1	-.01112	5.2583	1.9794	.07082	39.043	21.161	.24777	1.0378
#2	-.01111	5.3032	1.9398	.07028	38.945	21.368	.24152	1.0208
#3	-.01127	5.2529	2.0074	.07076	38.802	21.739	.24920	.97179
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 53.514	.00086	2.3168	.00258	4.0308	4.7865	.00085	.17592
Stddev	.130	.00063	.0123	.00041	.0150	.0063	.00013	.01152
%RSD	.24243	73.751	.53008	15.753	.37110	.13250	15.651	6.5496
#1	53.662	.00150	2.3301	.00268	4.0465	4.7922	.00096	.16356
#2	53.462	.00084	2.3059	.00214	4.0293	4.7796	.00070	.17785
#3	53.418	.00024	2.3143	.00293	4.0167	4.7876	.00089	.18636
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3984	4.2714	.00634	.02809	.00238	4.539	.00961	4.4564
Stddev	.0235	.1058	.00070	.00309	.00378	.016	.00037	.3262
%RSD	1.6780	2.4768	11.127	10.991	158.80	.3579	3.8823	7.3210
#1	1.3871	4.1818	.00562	.02799	.00266	4.547	.00988	4.4228
#2	1.3827	4.2442	.00636	.03122	.00602	4.520	.00976	4.1483
#3	1.4254	4.3881	.00703	.02505	-.00153	4.550	.00919	4.7982

Sample Name: K1512-05DLX100 Acquired: 2/20/2019 13:11:44 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 227.55
Stddev 3.37
%RSD 1.4809

#1 223.75
#2 228.76
#3 230.15

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2512.4	39802.	3754.2	14.112	2761.3
Stddev	10.4	529.	28.3	1.074	13.1
%RSD	.41518	1.3281	.75451	7.6076	.47304

#1	2501.0	39632.	3786.0	14.859	2746.6
#2	2514.9	40395.	3745.0	12.882	2765.9
#3	2521.5	39379.	3731.7	14.595	2771.4

Sample Name: K1512-06DLX100 Acquired: 2/20/2019 13:15:58 Type: Unk
Method: P4-ICP2(v2881) 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	.00034	-.00077	.07377	.00127	-.02556	.28989	.01327	-.00008
Stddev	.00265	.00053	.00047	.00402	.00123	.00283	.00542	.00003
%RSD	769.47	68.623	.64044	316.82	4.8244	.97457	40.849	42.201

#1	.00249	-.00019	.07344	.00562	-.02423	.28801	.01499	-.00004
#2	.00116	-.00091	.07356	.00048	-.02579	.29314	.00720	-.00011
#3	-.00262	-.00122	.07431	-.00230	-.02667	.28853	.01763	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00649	.30836	1.1245	.00540	4.3423	7.3568	.09167	.12077
Stddev	.00013	.01812	.0114	.00033	.0059	.0573	.00044	.06370
%RSD	2.0273	5.8748	1.0123	6.0939	.13660	.77849	.47672	52.746

#1	-.00637	.31271	1.1138	.00503	4.3366	7.3156	.09149	.18897
#2	-.00663	.32390	1.1232	.00554	4.3419	7.3325	.09135	.06280
#3	-.00647	.28846	1.1364	.00564	4.3484	7.4222	.09217	.11056

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.263	.00417	.58967	.00177	1.7385	.82566	.00071	.10306
Stddev	.084	.00039	.00327	.00025	.0048	.02999	.00026	.00477
%RSD	.31988	9.2652	.55386	13.941	.27475	3.6327	36.441	4.6253

#1	26.174	.00438	.59342	.00151	1.7333	.85580	.00088	.09806
#2	26.340	.00441	.58808	.00179	1.7427	.79582	.00084	.10356
#3	26.275	.00373	.58750	.00201	1.7396	.82537	.00041	.10755

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94360	2.8913	.00530	.01806	-.00093	1.308	-.00383	4.3261
Stddev	.00966	.0213	.00042	.00031	.00201	.004	.00003	.1180
%RSD	1.0237	.73611	7.8388	1.6932	216.07	.2840	.79672	2.7273

#1	.93400	2.8713	.00510	.01823	-.00125	1.304	-.00383	4.2769
#2	.95332	2.8888	.00502	.01826	.00122	1.311	-.00380	4.4608
#3	.94347	2.9137	.00577	.01771	-.00277	1.310	-.00386	4.2408

Sample Name: K1512-06DLX100 Acquired: 2/20/2019 13:15:58 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	74.186
Stddev	4.065
%RSD	5.4799

#1	78.776
#2	72.742
#3	71.039

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2582.6	40050.	3735.0	14.547	2875.7
Stddev	.4	77.	5.6	1.103	6.9
%RSD	.01360	.19272	.14864	7.5793	.24056

#1	2582.3	40123.	3737.4	15.375	2881.8
#2	2582.6	39970.	3728.6	14.970	2868.2
#3	2583.0	40058.	3738.9	13.295	2877.1

Sample Name: K1512-10 Acquired: 2/20/2019 13:20:15 Type: Unk
Method: P4-ICP2(v2881) 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	-.00456	-.00770	.11462	-.00002	-.05414	.02956	.02497
Stddev	.00340	.00354	.00442	.00163	.00088	.00797	.00458
%RSD	74.612	45.913	3.8605	6633.7	1.6176	26.962	18.325

#1	-.00521	-.00380	.11646	-.00015	-.05373	.03862	.02720
#2	-.00088	-.01069	.10957	.00167	-.05353	.02365	.02800
#3	-.00758	-.00861	.11782	-.00159	-.05514	.02641	.01971

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01287	12.389	.03283	.01104	28.565	.13683
Stddev	.00012	.00016	.107	.00070	.00033	.051	.00187
%RSD	1072.2	1.2320	.86392	2.1275	3.0030	.17917	1.3650

#1	-.00013	-.01269	12.266	.03210	.01071	28.590	.13679
#2	.00012	-.01297	12.457	.03290	.01105	28.599	.13498
#3	.00004	-.01296	12.445	.03349	.01137	28.506	.13871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36819	4.7210	48.847	.00424	F 2710.0	.00348	.09955
Stddev	.00109	.0524	.149	.00022	28.3	.00046	.00141
%RSD	.29552	1.1089	.30452	5.2363	1.0434	13.166	1.4131

#1	.36713	4.6992	48.928	.00449	2742.6	.00385	.09864
#2	.36931	4.6830	48.938	.00416	2691.8	.00297	.09885
#3	.36813	4.7807	48.676	.00406	2695.7	.00362	.10117

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1432.2	.04721	F 63.132	F 2254.9	F 12.442	-.84005	.02282
Stddev	9.1	.00017	.745	13.7	.154	.00545	.00250
%RSD	.63796	.36932	1.1797	.60606	1.2358	.64892	10.962

#1	1422.1	.04702	62.272	2263.1	12.265	-.84266	.02567
#2	1439.9	.04737	63.536	2262.4	12.516	-.84371	.02099
#3	1434.7	.04724	63.587	2239.1	12.545	-.83379	.02181

Sample Name: K1512-10 Acquired: 2/20/2019 13:20:15 Type: Unk
 Method: P4-ICP2(v2881) 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	.13793	1.859	.11944	8.8058	F<.00000
Stddev	.00450	.003	.00093	.0528	3.8752
%RSD	3.2653	.1601	.77762	.59979	5.5313

#1	.13306	1.856	.11875	8.7518	-71.254
#2	.13879	1.862	.12049	8.8573	-65.727
#3	.14195	1.859	.11907	8.8082	-73.197

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2073.2	30458.	3551.8	12.204	1953.1
Stddev	16.8	145.	35.0	.718	19.1
%RSD	.80984	.47648	.98456	5.8833	.97895

#1	2057.5	30422.	3590.9	13.029	1936.0
#2	2071.2	30335.	3523.4	11.717	1949.5
#3	2090.9	30618.	3541.2	11.867	1973.8

Sample Name: K1512-10DLX10 Acquired: 2/20/2019 13:24:49 Type: Unk
Method: P4-ICP2(v2881) 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	.00018	-.00023	.01354	-.00180	-.00638	-.00122	.00576
Stddev	.00201	.00205	.00028	.00470	.00182	.00762	.00274
%RSD	1115.4	907.79	2.0418	262.02	28.472	623.52	47.492

#1	.00238	-.00248	.01359	.00250	-.00429	-.00655	.00336
#2	-.00027	.00153	.01378	-.00106	-.00735	-.00462	.00519
#3	-.00157	.00027	.01323	-.00682	-.00751	.00750	.00874

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00144	1.4225	.00424	.00080	3.2476	.06535
Stddev	.00002	.00015	.0089	.00011	.00009	.0116	.00258
%RSD	55.084	10.457	.62889	2.4955	11.156	.35722	3.9518

#1	.00005	-.00138	1.4155	.00417	.00077	3.2546	.06628
#2	.00002	-.00162	1.4195	.00419	.00072	3.2539	.06243
#3	.00002	-.00133	1.4326	.00436	.00089	3.2342	.06734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04028	.49904	5.0267	.00110	341.21	.00042	.02693
Stddev	.00020	.01618	.0105	.00067	7.69	.00032	.00032
%RSD	.50248	3.2428	.20932	60.774	2.2548	74.496	1.1968

#1	.04005	.51650	5.0375	.00047	339.32	.00072	.02663
#2	.04040	.49607	5.0262	.00103	334.63	.00046	.02727
#3	.04039	.48455	5.0165	.00180	349.67	.00009	.02687

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.36	.00483	7.0846	F 289.54	1.4426	-.10622	.00128
Stddev	1.80	.00031	.0495	.71	.0253	.00064	.00274
%RSD	1.1817	6.3703	.69942	.24519	1.7523	.60001	213.82

#1	153.24	.00447	7.0274	290.26	1.4532	-.10679	.00070
#2	150.29	.00499	7.1131	289.53	1.4138	-.10635	-.00112
#3	153.55	.00502	7.1134	288.84	1.4610	-.10553	.00427

Sample Name: K1512-10DLX10 Acquired: 2/20/2019 13:24:49 Type: Unk
 Method: P4-ICP2(v2881) 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	.02019	.1669	.01239	5.7955	F<.00000
Stddev	.00154	.0031	.00006	.2975	3.0351
%RSD	7.6389	1.829	.51696	5.1327	12.045

#1	.01852	.1700	.01232	5.8509	-27.944
#2	.02049	.1669	.01244	6.0613	-25.714
#3	.02157	.1639	.01242	5.4742	-21.939

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.6	36233.	3642.9	14.739	2457.7
Stddev	6.6	221.	50.4	.258	4.4
%RSD	.27663	.61044	1.3825	1.7483	.17713

#1	2379.4	36261.	3606.7	14.733	2454.7
#2	2378.2	35998.	3700.4	14.485	2455.7
#3	2390.2	36438.	3621.5	15.000	2462.7

Sample Name: K1512-08 Acquired: 2/20/2019 13:33:55 Type: Unk
Method: P4-ICP2(v2881) 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	-.00479	-.00229	.00599	.00023	-.00123	.02700	.05401
Stddev	.00311	.00041	.00112	.00065	.00109	.01046	.00786
%RSD	64.995	17.817	18.645	287.56	89.044	38.739	14.561

#1	-.00244	-.00188	.00720	-.00035	-.00003	.02557	.04982
#2	-.00361	-.00269	.00500	.00094	-.00148	.03810	.04912
#3	-.00832	-.00230	.00575	.00009	-.00216	.01732	.06308

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00043	5.4830	.01000	.00179	.63344	.47931
Stddev	.00006	.00007	.0441	.00027	.00019	.00155	.00799
%RSD	669.62	16.575	.80409	2.6633	10.548	.24546	1.6675

#1	.00006	-.00051	5.5069	.01013	.00200	.63264	.48076
#2	-.00005	-.00038	5.4321	.00970	.00176	.63246	.47070
#3	-.00003	-.00040	5.5100	.01018	.00162	.63523	.48648

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08218	.91127	1.1080	.00074	162.86	.00026	.09436
Stddev	.00073	.06812	.0027	.00040	2.38	.00054	.00027
%RSD	.88632	7.4752	.23960	53.419	1.4645	209.02	.28227

#1	.08194	.97782	1.1076	.00038	163.06	-.00033	.09422
#2	.08160	.91432	1.1108	.00116	160.38	.00072	.09466
#3	.08300	.84168	1.1055	.00068	165.13	.00038	.09418

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	93.213	.00592	3.8290	F 107.86	1.8736	-.03880	-.00058
Stddev	1.148	.00037	.0228	.43	.0342	.00082	.00087
%RSD	1.2313	6.2297	.59540	.39838	1.8240	2.1170	151.65

#1	93.738	.00582	3.8358	108.21	1.8788	-.03836	-.00134
#2	91.897	.00561	3.8035	107.99	1.8371	-.03975	-.00076
#3	94.005	.00633	3.8476	107.39	1.9048	-.03829	.00037

Sample Name: K1512-08 Acquired: 2/20/2019 13:33:55 Type: Unk
 Method: P4-ICP2(v2881) 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	.01765	.5271	.07232	4.9410	F<.00000
Stddev	.00247	.0018	.00013	.2751	1.3687
%RSD	13.994	.3362	.17980	5.5679	13.982

#1	.01943	.5286	.07222	5.1790	-8.2122
#2	.01869	.5276	.07228	5.0040	-10.482
#3	.01483	.5251	.07247	4.6398	-10.672

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2485.2	38327.	3791.7	14.049	2663.9
Stddev	1.7	133.	52.0	2.300	5.5
%RSD	.06777	.34810	1.3716	16.372	.20498

#1	2483.2	38221.	3756.1	11.398	2659.3
#2	2486.1	38283.	3851.3	15.239	2662.4
#3	2486.2	38477.	3767.6	15.510	2669.9

Sample Name: K1512-09 Acquired: 2/20/2019 13:38:14 Type: Unk
Method: P4-ICP2(v2881) 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	-.00211	-.00236	.00147	.00330	-.00176	.00672	.01062	-.00012
Stddev	.00265	.00053	.00039	.00298	.00091	.00978	.00414	.00008
%RSD	125.59	22.537	26.522	90.350	51.646	145.43	38.995	62.179

#1	.00092	-.00246	.00133	.00076	-.00145	-.00219	.01079	-.00018
#2	-.00400	-.00178	.00117	.00255	-.00278	.00518	.01467	-.00015
#3	-.00324	-.00283	.00191	.00658	-.00104	.01718	.00639	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	3.6209	.00404	.00088	.17679	.19570	.07434	.59956
Stddev	.00004	.0106	.00014	.00010	.00062	.00284	.00018	.01711
%RSD	11.331	.29272	3.4663	11.174	.34884	1.4486	.23906	2.8540

#1	-.00033	3.6110	.00389	.00078	.17610	.19424	.07454	.58480
#2	-.00027	3.6196	.00415	.00087	.17698	.19390	.07426	.61832
#3	-.00033	3.6321	.00409	.00098	.17729	.19897	.07421	.59558

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93052	.00077	47.666	.00026	.07097	27.973	.00167	1.2037
Stddev	.00086	.00035	.239	.00074	.00016	.173	.00044	.0151
%RSD	.09281	45.864	.50212	287.38	.22525	.61887	26.088	1.2546

#1	.93152	.00060	47.540	-.00060	.07090	27.865	.00168	1.2119
#2	.92997	.00118	47.516	.00064	.07116	27.882	.00124	1.2131
#3	.93008	.00054	47.942	.00073	.07087	28.173	.00211	1.1863

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 25.936	1.0719	-.00813	.00124	.00931	.0482	.04233	4.3395
Stddev	.088	.0094	.00059	.00230	.00042	.0032	.00004	.1265
%RSD	.34116	.87852	7.2894	185.10	4.5050	6.607	.08507	2.9155

#1	26.037	1.0728	-.00879	.00313	.00923	.0518	.04237	4.3262
#2	25.873	1.0621	-.00765	.00191	.00976	.0471	.04232	4.4721
#3	25.898	1.0809	-.00795	-.00132	.00893	.0458	.04229	4.2201

Sample Name: K1512-09 Acquired: 2/20/2019 13:38:14 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.2536
%RSD 151.29

#1 -2.2737
#2 -.17964
#3 -.03249

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2549.5	39871.	3826.7	14.850	2841.6
Stddev	7.7	220.	34.1	.950	8.0
%RSD	.30058	.55074	.88988	6.3971	.28034

#1	2547.4	39675.	3814.9	14.479	2835.4
#2	2543.1	39830.	3865.1	14.141	2838.8
#3	2558.0	40108.	3800.2	15.929	2850.6

Sample Name: CCV02 Acquired: 2/20/2019 13:42:35 Type: Unk
Method: P4-ICP2(v2881) 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	5.2966	5.0703	5.0855	5.1854	5.2161	10.335	10.278	.25363	2.5007
Stddev	.0126	.0177	.0195	.0175	.0147	.131	.172	.00042	.0062
%RSD	.23752	.34957	.38283	.33707	.28085	1.2632	1.6770	.16405	.24807
#1	5.2854	5.0506	5.0671	5.1655	5.2000	10.243	10.429	.25385	2.4936
#2	5.2942	5.0752	5.1058	5.1923	5.2196	10.484	10.091	.25390	2.5039
#3	5.3102	5.0851	5.0835	5.1983	5.2286	10.277	10.315	.25315	2.5046
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.493	1.0242	2.5383	1.2836	5.0478	2.5493	25.711	2.5343	1.3015
Stddev	.119	.0010	.0084	.0019	.1041	.0059	.146	.0067	.0037
%RSD	.46535	.09387	.33229	.15179	2.0615	.23213	.56716	.26304	.28731
#1	25.596	1.0251	2.5291	1.2817	5.1331	2.5529	25.800	2.5268	1.3055
#2	25.363	1.0232	2.5458	1.2856	4.9318	2.5525	25.543	2.5369	1.3011
#3	25.520	1.0242	2.5399	1.2837	5.0783	2.5425	25.790	2.5393	1.2980
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	26.091	2.5158	2.5605	25.250	5.1804	5.0810	5.1654	4.8470	5.0368
Stddev	.466	.0060	.0086	.454	.0128	.0368	.0355	.1012	.0245
%RSD	1.7876	.24002	.33677	1.7994	.24693	.72400	.68692	2.0870	.48602
#1	26.509	2.5138	2.5507	25.681	5.1659	5.1018	5.2010	4.9316	5.0094
#2	25.588	2.5226	2.5668	24.775	5.1901	5.0385	5.1300	4.7349	5.0445
#3	26.175	2.5110	2.5640	25.292	5.1852	5.1026	5.1653	4.8744	5.0566
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	5.1556	5.0549	5.129	5.1443	5.3091	2.5422			
Stddev	.0414	.0826	.014	.0780	.1736	4.3000			
%RSD	.80217	1.6338	.2748	1.5163	3.2690	169.15			
#1	5.1928	5.1205	5.144	5.2070	5.4955	4.8446			
#2	5.1111	4.9621	5.127	5.0569	5.2796	-2.4188			
#3	5.1629	5.0820	5.116	5.1690	5.1522	5.2007			

Sample Name: CCV02 Acquired: 2/20/2019 13:42:35 Type: Unk
Method: P4-ICP2(v2881) 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	2483.9	38131.	3666.7	13.945	2597.6
Stddev	4.7	70.	73.7	.112	6.9
%RSD	.18754	.18271	2.0096	.80563	.26468
#1	2489.0	38078.	3604.5	13.863	2605.5
#2	2479.8	38106.	3748.1	13.898	2594.3
#3	2483.1	38210.	3647.6	14.073	2593.0

Sample Name: CCB02 Acquired: 2/20/2019 13:46:35 Type: Unk
Method: P4-ICP2(v2881) 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	-.00028	-.00039	-.00022	-.00185	-.00280	.00239	.00003
Stddev	.00102	.00069	.00053	.00100	.00069	.01254	.00224	.00002
%RSD	123.58	249.25	136.69	446.91	37.242	447.64	93.929	53.572

#1	-.00029	-.00107	-.00074	.00079	-.00186	.01078	.00471	.00005
#2	.00107	.00018	-.00065	-.00025	-.00115	-.00526	.00222	.00002
#3	.00170	.00006	.00022	-.00120	-.00253	-.01393	.00023	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00062	.00015	.00004	-.00026	-.00314	-.00000	.02178
Stddev	.00009	.01130	.00075	.00020	.00038	.00147	.00002	.04435
%RSD	408.24	1810.5	482.05	486.73	149.12	46.717	3658.4	203.62

#1	-.00006	-.01225	.00030	.00027	-.00065	-.00454	.00001	-.02938
#2	.00001	.01032	-.00065	-.00005	-.00023	-.00162	.00001	.04926
#3	.00012	.00006	.00082	-.00010	.00011	-.00325	-.00003	.04546

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00093	.18593	-.00004	-.00009	.24431	.00005	.03675
Stddev	.00022	.00082	.01579	.00067	.00006	.04676	.00002	.00317
%RSD	221.02	87.714	8.4919	1544.2	60.004	19.142	30.890	8.6385

#1	-.00000	.00011	.19047	-.00043	-.00016	.22926	.00003	.03719
#2	-.00005	.00095	.19896	-.00043	-.00005	.20691	.00006	.03968
#3	.00036	.00174	.16837	.00073	-.00007	.29674	.00006	.03338

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10618	.00521	.00053	.00003	.00341	.0000	.00006	4.0671
Stddev	.02284	.00057	.00023	.00182	.00228	.0005	.00004	.1111
%RSD	21.512	10.941	43.583	6154.7	67.000	1315.	77.124	2.7320

#1	.13254	.00575	.00072	.00180	.00167	-.0006	.00011	4.0123
#2	.09389	.00461	.00027	-.00183	.00599	.0004	.00002	3.9941
#3	.09212	.00528	.00059	.00012	.00256	.0003	.00004	4.1950

Sample Name: CCB02 Acquired: 2/20/2019 13:46:35 Type: Unk
 Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1143
 Stddev 2.3206
 %RSD 208.26

#1 1.6917
 #2 -1.4405
 #3 3.0917

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2573.4	40062.	3684.1	15.900	2948.8
Stddev	4.9	13.	22.6	.955	3.2
%RSD	.19115	.03286	.61334	6.0085	.10969

#1	2573.4	40076.	3679.9	16.195	2945.2
#2	2578.4	40061.	3663.9	14.832	2950.0
#3	2568.5	40050.	3708.5	16.673	2951.4

Sample Name: K1512-11 Acquired: 2/20/2019 13:51:03 Type: Unk
Method: P4-ICP2(v2881) 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	-.00007	-.00097	.01282	.00504	-.00273	.02951	.04515
Stddev	.00171	.00215	.00015	.00404	.00166	.00521	.00467
%RSD	2413.2	221.35	1.1308	80.059	60.885	17.660	10.348

#1	.00190	.00042	.01281	.00333	-.00268	.02351	.04299
#2	-.00092	-.00344	.01298	.00965	-.00110	.03292	.05051
#3	-.00119	.00011	.01269	.00214	-.00443	.03211	.04194

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00067	23.206	.00004	.00395	3.1657	-.00016
Stddev	.00003	.00012	.148	.00016	.00012	.0012	.00161
%RSD	24.391	18.279	.63904	434.56	2.9413	.03626	1029.3

#1	-.00016	-.00081	23.044	-.00009	.00404	3.1646	-.00168
#2	-.00010	-.00062	23.336	.00022	.00399	3.1656	.00153
#3	-.00012	-.00059	23.236	-.00002	.00382	3.1669	-.00032

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12785	2.3710	1.8072	.00063	212.42	.00009	.05272
Stddev	.00051	.0279	.0030	.00027	.61	.00062	.00018
%RSD	.40103	1.1778	.16451	42.255	.28524	677.11	.33750

#1	.12738	2.3457	1.8040	.00061	212.95	.00080	.05281
#2	.12778	2.4009	1.8098	.00091	211.76	-.00026	.05283
#3	.12840	2.3663	1.8079	.00038	212.56	-.00027	.05251

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	125.77	.01872	4.7196	F 121.66	4.8194	-.04315	.00060
Stddev	.98	.00012	.0148	.30	.0297	.00060	.00181
%RSD	.77637	.66594	.31299	.25013	.61582	1.3964	301.79

#1	124.75	.01863	4.7148	121.51	4.7858	-.04288	.00212
#2	126.70	.01867	4.7077	121.46	4.8422	-.04384	.00108
#3	125.86	.01886	4.7361	122.01	4.8300	-.04273	-.00140

Sample Name: K1512-11 Acquired: 2/20/2019 13:51:03 Type: Unk
Method: P4-ICP2(v2881) 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	.02588	2.696	.10523	5.3317	F<.00000
Stddev	.00230	.004	.00053	.1386	5.8482
%RSD	8.8710	.1688	.49931	2.5989	21.493

#1	.02396	2.700	.10468	5.2718	-21.917
#2	.02527	2.691	.10573	5.4901	-33.488
#3	.02842	2.696	.10527	5.2331	-26.225

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2414.1	37632.	3756.2	13.583	2593.8
Stddev	7.3	77.	15.7	.611	9.4
%RSD	.30214	.20391	.41663	4.4962	.36239

#1	2407.5	37607.	3773.4	13.063	2583.6
#2	2412.8	37570.	3742.8	14.256	2595.5
#3	2421.9	37718.	3752.5	13.432	2602.1

Sample Name: K1512-12 Acquired: 2/20/2019 13:55:31 Type: Unk
Method: P4-ICP2(v2881) 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	-.00241	-.00002	.00281	.00252	-.00517	.01622	.01905
Stddev	.00077	.00040	.00111	.00251	.00108	.01341	.00407
%RSD	32.041	2100.6	39.602	99.385	20.822	82.682	21.390

#1	-.00191	.00043	.00388	.00365	-.00627	.02610	.01461
#2	-.00330	-.00031	.00166	-.00035	-.00412	.02161	.02261
#3	-.00202	-.00018	.00289	.00427	-.00511	.00095	.01992

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00101	2.8188	.00184	.00123	.05147	.00780
Stddev	.00007	.00006	.0196	.00044	.00005	.00037	.00059
%RSD	163.70	5.8588	.69508	23.708	4.0855	.71069	7.5572

#1	-.00011	-.00099	2.8312	.00229	.00126	.05187	.00832
#2	.00002	-.00107	2.8291	.00183	.00126	.05138	.00792
#3	-.00003	-.00096	2.7963	.00142	.00117	.05115	.00716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11784	.46027	4.5814	-.00012	52.050	.00055	.03713
Stddev	.00045	.02846	.0220	.00020	.466	.00015	.00020
%RSD	.37826	6.1843	.48055	166.61	.89591	27.235	.53274

#1	.11835	.48302	4.5825	-.00033	52.589	.00072	.03725
#2	.11754	.42835	4.6029	.00006	51.775	.00051	.03690
#3	.11762	.46942	4.5589	-.00008	51.787	.00042	.03723

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.437	.00862	1.6106	F 19.814	1.6772	-.00553	.00287
Stddev	.168	.00013	.0199	.067	.0134	.00066	.00025
%RSD	.58921	1.5266	1.2345	.33783	.79716	12.005	8.5617

#1	28.626	.00857	1.6185	19.807	1.6916	-.00513	.00276
#2	28.307	.00877	1.6253	19.884	1.6749	-.00629	.00269
#3	28.377	.00853	1.5880	19.750	1.6651	-.00516	.00315

Sample Name: K1512-12 Acquired: 2/20/2019 13:55:31 Type: Unk
Method: P4-ICP2(v2881) 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	.00861	.3829	.04127	4.1552	F<.00000
Stddev	.00082	.0013	.00026	.1697	1.7029
%RSD	9.5279	.3266	.62127	4.0842	50.816
#1	.00816	.3842	.04155	4.0262	-4.8564
#2	.00812	.3818	.04120	4.3474	-3.6940
#3	.00956	.3828	.04105	4.0920	-1.5028
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2525.4	39902.	3827.1	14.957	2821.9
Stddev	21.5	184.	31.8	.659	18.9
%RSD	.85082	.46151	.83076	4.4085	.67096
#1	2508.3	39863.	3791.4	14.470	2810.6
#2	2518.3	39740.	3837.3	14.693	2811.3
#3	2549.5	40103.	3852.5	15.707	2843.8

Sample Name: K1512-12DUP Acquired: 2/20/2019 13:59:56 Type: Unk
Method: P4-ICP2(v2881) 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	-.00089	-.00218	.00413	-.00069	-.00687	.00577	.01528
Stddev	.00103	.00083	.00098	.00070	.00123	.01067	.00090
%RSD	115.64	37.920	23.817	101.63	17.953	185.07	5.8827

#1	-.00011	-.00290	.00463	-.00115	-.00747	-.00014	.01444
#2	-.00050	-.00128	.00475	.00012	-.00769	-.00065	.01519
#3	-.00206	-.00235	.00299	-.00103	-.00545	.01808	.01623

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00094	2.8993	.00197	.00119	.05326	.00632
Stddev	.00007	.00013	.0232	.00039	.00021	.00067	.00077
%RSD	105.80	14.096	.80115	20.049	17.293	1.2526	12.128

#1	.00001	-.00080	2.8788	.00159	.00137	.05403	.00704
#2	-.00009	-.00096	2.9245	.00238	.00096	.05291	.00641
#3	-.00013	-.00106	2.8945	.00192	.00123	.05284	.00551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12135	.45874	4.7382	.00018	54.069	.00090	.03759
Stddev	.00033	.01792	.0108	.00039	.052	.00024	.00010
%RSD	.27497	3.9056	.22761	217.02	.09672	26.710	.27085

#1	.12123	.47917	4.7493	.00054	54.039	.00089	.03756
#2	.12110	.44570	4.7375	.00023	54.130	.00066	.03771
#3	.12173	.45134	4.7278	-.00023	54.039	.00114	.03751

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.460	.00834	1.6403	F 20.321	1.7328	-.00606	.00069
Stddev	.119	.00021	.0092	.040	.0085	.00071	.00024
%RSD	.40403	2.4819	.56344	.19462	.48955	11.734	35.211

#1	29.379	.00821	1.6351	20.356	1.7265	-.00541	.00082
#2	29.597	.00822	1.6509	20.278	1.7296	-.00594	.00084
#3	29.405	.00857	1.6347	20.330	1.7425	-.00682	.00041

Sample Name: K1512-12DUP Acquired: 2/20/2019 13:59:56 Type: Unk
Method: P4-ICP2(v2881) 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	.01009	.3949	.04244	4.3887	F<.00000
Stddev	.00200	.0020	.00014	.1302	1.7358
%RSD	19.825	.5032	.33878	2.9677	40.574

#1	.01011	.3971	.04228	4.5202	-2.3972
#2	.01209	.3933	.04252	4.3860	-5.8181
#3	.00808	.3944	.04254	4.2598	-4.6189

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2497.8	39515.	3781.6	15.614	2790.1
Stddev	8.6	190.	2.6	1.715	11.8
%RSD	.34375	.48080	.06825	10.983	.42335

#1	2491.3	39300.	3778.7	14.638	2777.8
#2	2494.6	39660.	3783.7	14.611	2791.3
#3	2507.5	39585.	3782.4	17.595	2801.4

Sample Name: K1512-12LX5 Acquired: 2/20/2019 14:04:19 Type: Unk
Method: P4-ICP2(v2881) 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	.00242	-.00195	.00102	.00045	-.00260	.00064	.00644	-.00003
Stddev	.00061	.00148	.00042	.00203	.00083	.02085	.00214	.00006
%RSD	25.248	75.975	41.185	449.65	31.846	3258.4	33.256	175.36

#1	.00312	-.00038	.00143	.00271	-.00289	.00538	.00651	-.00002
#2	.00196	-.00333	.00059	-.00014	-.00323	.01871	.00854	.00001
#3	.00219	-.00214	.00105	-.00122	-.00166	-.02217	.00426	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	.65781	.00020	.00011	.01129	-.00076	.02627	.10643
Stddev	.00003	.00399	.00016	.00015	.00063	.00032	.00021	.02363
%RSD	10.632	.60601	80.843	136.37	5.5563	42.419	.79937	22.204

#1	-.00025	.65991	.00017	.00003	.01057	-.00040	.02646	.08596
#2	-.00029	.66031	.00005	.00002	.01175	-.00102	.02604	.13229
#3	-.00031	.65322	.00037	.00028	.01154	-.00087	.02630	.10104

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0299	.00009	11.471	-.00021	.00810	6.5171	.00177	.36221
Stddev	.0023	.00088	.147	.00022	.00011	.0440	.00017	.00864
%RSD	.22013	1003.5	1.2796	106.59	1.3901	.67543	9.8296	2.3850

#1	1.0274	.00072	11.560	-.00006	.00798	6.5678	.00162	.37212
#2	1.0319	.00046	11.302	-.00010	.00811	6.4884	.00173	.35821
#3	1.0304	-.00092	11.553	-.00046	.00821	6.4952	.00196	.35628

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3956	.39007	-.00057	.00043	.00124	.0855	.00905	3.9667
Stddev	.0468	.01080	.00088	.00022	.00198	.0010	.00009	.1217
%RSD	1.0636	2.7686	155.59	52.824	160.37	1.225	.96833	3.0681

#1	4.3646	.39778	-.00036	.00029	-.00072	.0843	.00905	3.8644
#2	4.4493	.37772	-.00154	.00068	.00324	.0864	.00896	4.1013
#3	4.3728	.39470	.00019	.00030	.00118	.0857	.00913	3.9344

Sample Name: K1512-12LX5 Acquired: 2/20/2019 14:04:19 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 4.5308
%RSD 568.49

#1 -4.6670
#2 4.1868
#3 -1.9108

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2523.5	39937.	3707.5	14.254	2862.5
Stddev	7.4	103.	58.1	1.250	6.4
%RSD	.29336	.25719	1.5683	8.7724	.22374

#1	2515.5	39911.	3670.2	15.068	2859.4
#2	2524.8	39850.	3774.5	12.814	2858.4
#3	2530.1	40051.	3677.7	14.880	2869.9

Sample Name: K1512-12MS Acquired: 2/20/2019 14:08:44 Type: Unk
Method: P4-ICP2(v2881) 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	.92935	2.1531	1.0728	2.2455	.93626	2.2644	.24394	.21371
Stddev	.00254	.0072	.0006	.0015	.00410	.0379	.00144	.00021
%RSD	.27345	.33360	.05959	.06910	.43762	1.6758	.59040	.09807
#1	.92649	2.1515	1.0734	2.2443	.94091	2.2225	.24454	.21389
#2	.93023	2.1610	1.0728	2.2473	.93317	2.2740	.24499	.21348
#3	.93134	2.1469	1.0721	2.2449	.93471	2.2966	.24230	.21375
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21061	3.9217	.45322	.22287	.39954	3.3570	.33951	2.7440
Stddev	.00012	.0250	.00211	.00053	.00063	.0121	.00082	.0664
%RSD	.05590	.63660	.46514	.23572	.15870	.36082	.24194	2.4188
#1	.21063	3.9185	.45087	.22247	.39885	3.3622	.33856	2.7778
#2	.21071	3.8986	.45384	.22266	.39968	3.3657	.33995	2.6675
#3	.21048	3.9482	.45494	.22346	.40009	3.3432	.34002	2.7866
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0782	.07922	55.288	.34220	.24902	39.549	.50739	1.9335
Stddev	.0153	.00073	.190	.00447	.00048	.125	.00070	.0078
%RSD	.30036	.92724	.34349	1.3062	.19236	.31513	.13749	.40549
#1	5.0954	.07986	55.240	.34731	.24875	39.467	.50758	1.9379
#2	5.0730	.07939	55.497	.33902	.24958	39.692	.50797	1.9381
#3	5.0663	.07842	55.126	.34026	.24874	39.488	.50662	1.9245
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.563	2.6413	.77308	.24318	.24830	6.637	.26555	4.3204
Stddev	.023	.0283	.00146	.00472	.00082	.012	.00046	.1526
%RSD	.11951	1.0727	.18895	1.9408	.32947	.1816	.17368	3.5330
#1	19.589	2.6705	.77414	.24367	.24790	6.644	.26603	4.1442
#2	19.546	2.6395	.77367	.24763	.24775	6.643	.26511	4.4057
#3	19.552	2.6139	.77141	.23823	.24924	6.623	.26551	4.4113

Sample Name: K1512-12MS Acquired: 2/20/2019 14:08:44 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 78.779
Stddev 6.151
%RSD 7.8080

#1 79.437
#2 84.575
#3 72.325

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2499.4	39948.	3782.3	15.349	2781.5
Stddev	15.3	38.	20.1	.237	17.0
%RSD	.61170	.09509	.53183	1.5418	.61206

#1	2483.1	39983.	3775.1	15.081	2763.1
#2	2501.8	39954.	3766.7	15.531	2784.7
#3	2513.4	39907.	3805.0	15.434	2796.7

Sample Name: K1512-12MSD Acquired: 2/20/2019 14:12:48 Type: Unk
Method: P4-ICP2(v2881) 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	.92549	2.1498	1.0729	2.2355	.93288	2.2632	.24919	.21307
Stddev	.00349	.0062	.0016	.0126	.00289	.0172	.00161	.00027
%RSD	.37698	.28791	.15311	.56371	.30948	.75977	.64520	.12744
#1	.92906	2.1528	1.0732	2.2320	.93271	2.2441	.25047	.21305
#2	.92532	2.1427	1.0712	2.2494	.93585	2.2774	.24971	.21335
#3	.92209	2.1539	1.0744	2.2249	.93009	2.2682	.24739	.21281
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21003	3.9462	.45246	.22226	.39577	3.3917	.33957	2.7540
Stddev	.00040	.0110	.00206	.00039	.00052	.0306	.00125	.0234
%RSD	.18873	.27971	.45438	.17497	.13074	.90338	.36947	.84860
#1	.21027	3.9412	.45068	.22195	.39622	3.3958	.33948	2.7425
#2	.20958	3.9385	.45198	.22270	.39521	3.3592	.33837	2.7809
#3	.21026	3.9588	.45471	.22214	.39589	3.4201	.34087	2.7386
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0959	.07940	55.888	.33949	.24762	39.754	.50621	1.9466
Stddev	.0117	.00046	.356	.00147	.00080	.329	.00104	.0097
%RSD	.23008	.57597	.63622	.43334	.32487	.82668	.20523	.49937
#1	5.1071	.07890	55.911	.33796	.24852	39.951	.50712	1.9414
#2	5.0837	.07949	55.521	.34089	.24696	39.375	.50642	1.9406
#3	5.0970	.07980	56.231	.33962	.24740	39.937	.50508	1.9578
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.630	2.6316	.77276	.24389	.24837	6.606	.26422	4.7031
Stddev	.058	.0250	.00055	.00322	.00230	.020	.00137	.0827
%RSD	.29798	.94789	.07071	1.3205	.92687	.2974	.51954	1.7585
#1	19.667	2.6367	.77339	.24478	.25035	6.628	.26520	4.6096
#2	19.562	2.6046	.77239	.24032	.24585	6.600	.26265	4.7332
#3	19.661	2.6537	.77250	.24657	.24892	6.590	.26481	4.7666

Sample Name: K1512-12MSD Acquired: 2/20/2019 14:12:48 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	75.620
Stddev	4.020
%RSD	5.3164

#1	71.089
#2	77.012
#3	78.759

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2475.9	39497.	3707.5	16.123	2747.8
Stddev	7.7	67.	14.2	.632	10.9
%RSD	.31120	.16970	.38397	3.9177	.39492

#1	2467.1	39574.	3699.7	16.270	2736.1
#2	2481.4	39455.	3723.9	15.431	2757.5
#3	2479.2	39462.	3698.8	16.668	2750.0

Sample Name: K1512-12A Acquired: 2/20/2019 14:16:53 Type: Unk
Method: P4-ICP2(v2881) 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	.94287	2.1931	1.0927	2.2719	.94988	2.3160	.25712	.21688
Stddev	.00081	.0061	.0013	.0050	.00289	.0051	.00352	.00049
%RSD	.08591	.27962	.12174	.21773	.30379	.22034	1.3674	.22386
#1	.94317	2.1887	1.0925	2.2753	.95056	2.3103	.25438	.21646
#2	.94348	2.2001	1.0915	2.2663	.95236	2.3201	.26109	.21677
#3	.94195	2.1906	1.0941	2.2742	.94671	2.3176	.25591	.21741
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21432	4.0205	.46209	.22662	.40320	3.4481	.34611	2.8369
Stddev	.00039	.0114	.00263	.00016	.00120	.0127	.00057	.0180
%RSD	.18207	.28250	.56819	.06846	.29652	.36801	.16528	.63492
#1	.21464	4.0179	.45935	.22673	.40356	3.4385	.34545	2.8570
#2	.21442	4.0330	.46234	.22669	.40417	3.4433	.34637	2.8318
#3	.21388	4.0107	.46459	.22645	.40186	3.4624	.34651	2.8221
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1684	.08004	56.562	.34641	.25303	40.190	.51602	1.9784
Stddev	.0079	.00052	.020	.00181	.00048	.064	.00138	.0059
%RSD	.15309	.64573	.03546	.52159	.18962	.15976	.26686	.29628
#1	5.1607	.07944	56.585	.34493	.25338	40.151	.51460	1.9852
#2	5.1765	.08036	56.546	.34587	.25249	40.153	.51735	1.9753
#3	5.1680	.08032	56.557	.34842	.25324	40.264	.51611	1.9747
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.835	2.6776	.78390	.24702	.25494	6.723	.26959	4.7810
Stddev	.021	.0045	.00088	.00225	.00154	.002	.00067	.0749
%RSD	.10431	.16698	.11269	.91176	.60251	.0230	.24915	1.5669
#1	19.832	2.6760	.78361	.24918	.25320	6.723	.26922	4.7216
#2	19.857	2.6741	.78319	.24719	.25611	6.725	.26919	4.8652
#3	19.816	2.6826	.78489	.24469	.25552	6.722	.27037	4.7562

Sample Name: K1512-12A Acquired: 2/20/2019 14:16:53 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	75.761
Stddev	1.844
%RSD	2.4336

#1	77.662
#2	73.981
#3	75.640

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.9	39542.	3720.7	14.225	2754.9
Stddev	5.9	78.	9.9	.434	4.4
%RSD	.23961	.19631	.26632	3.0521	.15906

#1	2477.7	39600.	3732.1	13.904	2751.6
#2	2475.4	39573.	3716.4	14.052	2753.2
#3	2486.6	39454.	3713.8	14.719	2759.8

Sample Name: K1513-06 Acquired: 2/20/2019 14:20:58 Type: Unk
Method: P4-ICP2(v2881) 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	-.00376	-.00359	.00682	.00178	-.00304	.04935	.05045
Stddev	.00173	.00050	.00095	.00207	.00043	.00883	.00333
%RSD	46.024	13.808	13.926	116.33	14.208	17.895	6.6028

#1	-.00472	-.00406	.00576	.00030	-.00259	.04141	.04685
#2	-.00176	-.00363	.00759	.00089	-.00308	.05886	.05108
#3	-.00480	-.00307	.00710	.00414	-.00345	.04779	.05342

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00038	129.56	.00445	-.00031	.00060	.00401
Stddev	.00006	.00005	1.63	.00023	.00029	.00034	.00225
%RSD	535.56	12.910	1.2619	5.1778	94.296	56.886	56.225

#1	-.00001	-.00044	130.61	.00459	-.00049	.00096	.00470
#2	-.00004	-.00036	127.68	.00419	.00003	.00054	.00149
#3	.00008	-.00034	130.40	.00458	-.00048	.00029	.00584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01198	25.745	.00040	.00013	250.81	.00119	.01767
Stddev	.00007	.064	.00013	.00057	5.09	.00043	.00015
%RSD	.60867	.24681	33.198	431.04	2.0307	35.747	.86220

#1	.01200	25.682	.00025	.00062	255.14	.00108	.01784
#2	.01203	25.809	.00044	-.00050	245.20	.00084	.01755
#3	.01189	25.743	.00051	.00028	252.07	.00166	.01763

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7972	.00039	.05054	4.9142	4.6816	.00199	-.00332
Stddev	.0193	.00011	.00577	.0193	.0875	.00096	.00118
%RSD	.68823	28.676	11.417	.39305	1.8689	48.337	35.467

#1	2.7828	.00048	.05117	4.9072	4.7488	.00167	-.00271
#2	2.7897	.00026	.05597	4.8993	4.5826	.00123	-.00467
#3	2.8190	.00043	.04448	4.9360	4.7132	.00307	-.00257

Sample Name: K1513-06 Acquired: 2/20/2019 14:20:58 Type: Unk
Method: P4-ICP2(v2881) 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	.02904	.0019	.60868	5.2529	F<.00000
Stddev	.00053	.0023	.00813	.0807	6.2977
%RSD	1.8403	122.0	1.3363	1.5369	13.811

#1	.02853	.0042	.61436	5.2642	-38.434
#2	.02899	.0017	.59937	5.1671	-50.261
#3	.02960	-.0003	.61233	5.3273	-48.100

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.5	37405.	3768.0	14.045	2528.6
Stddev	5.6	56.	71.5	.399	1.4
%RSD	.23540	.14955	1.8978	2.8387	.05421

#1	2367.9	37352.	3708.4	14.052	2530.2
#2	2363.3	37400.	3847.3	14.440	2527.8
#3	2374.4	37464.	3748.4	13.642	2527.8

Sample Name: K1517-10 Acquired: 2/20/2019 14:25:32 Type: Unk
Method: P4-ICP2(v2881) 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	-.00569	-.00524	.00425	.00127	-.00512	.09796	.16740
Stddev	.00148	.00243	.00077	.00066	.00058	.00305	.00331
%RSD	26.004	46.468	18.043	51.714	11.324	3.1169	1.9743

#1	-.00703	-.00321	.00466	.00202	-.00540	.09565	.16462
#2	-.00594	-.00794	.00473	.00104	-.00550	.10142	.16653
#3	-.00410	-.00457	.00337	.00077	-.00445	.09681	.17106

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00034	119.04	.00072	.00426	.00209	.09691
Stddev	.00005	.00008	1.86	.00017	.00032	.00020	.00179
%RSD	186.56	22.592	1.5599	23.255	7.4976	9.7002	1.8495

#1	.00003	-.00029	116.90	.00086	.00463	.00186	.09486
#2	-.00003	-.00043	120.19	.00077	.00408	.00214	.09818
#3	-.00008	-.00030	120.03	.00054	.00408	.00226	.09770

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52845	21.045	.00622	.00003	337.64	.00021	.02952
Stddev	.00142	.085	.00026	.00072	4.57	.00024	.00006
%RSD	.26876	.40448	4.1804	2545.7	1.3550	115.51	.20392

#1	.53002	20.972	.00595	.00086	332.37	-.00007	.02957
#2	.52807	21.139	.00646	-.00040	339.99	.00032	.02953
#3	.52726	21.026	.00626	-.00038	340.56	.00037	.02945

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9474	.00016	.01668	.73150	.63662	.00429	-.00297
Stddev	.0253	.00037	.01700	.01643	.00376	.00050	.00227
%RSD	1.3001	223.91	101.93	2.2458	.59118	11.620	76.506

#1	1.9195	.00059	.00252	.73693	.63518	.00383	-.00157
#2	1.9690	-.00001	.03553	.74452	.63378	.00482	-.00174
#3	1.9535	-.00008	.01198	.71304	.64089	.00423	-.00558

Sample Name: K1517-10 Acquired: 2/20/2019 14:25:32 Type: Unk
Method: P4-ICP2(v2881) 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	.01814	.0012	.26675	5.2443	F<.00000
Stddev	.00087	.0011	.00265	.1295	5.6979
%RSD	4.7822	92.07	.99345	2.4689	12.383

#1	.01901	.0024	.26395	5.3891	-40.387
#2	.01815	.0003	.26922	5.2038	-45.871
#3	.01727	.0008	.26707	5.1399	-51.780

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2384.6	37624.	3825.3	14.915	2507.9
Stddev	13.0	172.	50.0	.524	15.5
%RSD	.54545	.45583	1.3082	3.5160	.61872

#1	2373.0	37430.	3880.3	15.476	2491.8
#2	2382.0	37686.	3782.4	14.437	2509.2
#3	2398.7	37756.	3813.3	14.831	2522.8

Sample Name: K1519-01 Acquired: 2/20/2019 14:30:05 Type: Unk
Method: P4-ICP2(v2881) 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	.00031	-.00274	.00245	.00097	-.00129	.02398	.02487
Stddev	.00253	.00081	.00034	.00103	.00233	.00238	.00132
%RSD	821.44	29.663	13.998	106.42	181.07	9.9383	5.3108

#1	-.00111	-.00216	.00253	.00121	.00079	.02606	.02627
#2	-.00119	-.00238	.00274	-.00016	-.00085	.02138	.02364
#3	.00323	-.00366	.00207	.00185	-.00380	.02450	.02472

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00021	26.877	.00077	-.00006	-.00020	.00610
Stddev	.00006	.00004	.063	.00018	.00011	.00028	.00077
%RSD	256.84	19.277	.23560	22.804	203.03	140.50	12.702

#1	-.00009	-.00017	26.841	.00077	.00007	.00012	.00547
#2	-.00002	-.00020	26.950	.00059	-.00014	-.00033	.00696
#3	.00003	-.00025	26.840	.00094	-.00010	-.00038	.00587

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09393	3.9018	-.00026	.00009	37.122	.00227	.00438
Stddev	.00004	.0798	.00043	.00034	.195	.00025	.00012
%RSD	.04307	2.0446	164.86	391.75	.52467	11.149	2.7417

#1	.09394	3.9143	-.00053	-.00005	36.905	.00222	.00437
#2	.09388	3.8166	-.00050	.00047	37.281	.00205	.00450
#3	.09396	3.9747	.00024	-.00016	37.180	.00255	.00426

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3317	.00124	.03589	4.7036	2.2667	.00039	-.00101
Stddev	.0387	.00036	.00362	.0083	.0225	.00041	.00264
%RSD	1.6589	29.067	10.096	.17663	.99067	105.46	261.36

#1	2.3641	.00145	.03465	4.6976	2.2410	.00074	.00113
#2	2.3420	.00144	.03998	4.7002	2.2764	-.00007	-.00396
#3	2.2889	.00082	.03306	4.7131	2.2826	.00051	-.00020

Sample Name: K1519-01 Acquired: 2/20/2019 14:30:05 Type: Unk
 Method: P4-ICP2(v2881) 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	.00479	.0383	.15556	4.2916	F<.00000
Stddev	.00115	.0013	.00019	.1938	3.8310
%RSD	23.934	3.362	.12244	4.5169	21.433
#1	.00508	.0380	.15563	4.5149	-22.263
#2	.00576	.0397	.15570	4.1662	-15.199
#3	.00352	.0372	.15534	4.1938	-16.162
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2498.2	39723.	3739.2	13.826	2790.7
Stddev	5.4	183.	29.4	.966	2.1
%RSD	.21427	.46040	.78495	6.9847	.07677
#1	2502.1	39592.	3773.0	14.929	2789.4
#2	2492.1	39932.	3724.3	13.132	2789.5
#3	2500.4	39645.	3720.3	13.417	2793.2

Sample Name: CCV03 Acquired: 2/20/2019 14:42:59 Type: Unk
Method: P4-ICP2(v2881) 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	5.2435	4.9256	4.9847	5.0879	5.1569	10.001	10.016	.24587
Stddev	.0126	.0265	.0170	.0080	.0192	.039	.041	.00063
%RSD	.24019	.53853	.34202	.15632	.37168	.38644	.41129	.25710
#1	5.2497	4.9225	4.9834	5.0909	5.1602	10.044	10.055	.24636
#2	5.2290	4.9008	4.9683	5.0789	5.1363	9.9689	9.9730	.24515
#3	5.2517	4.9536	5.0023	5.0939	5.1742	9.9901	10.021	.24609
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4371	24.749	.98138	2.4829	1.2563	4.9074	2.4762	25.056
Stddev	.0095	.114	.00461	.0112	.0032	.0220	.0027	.068
%RSD	.38864	.46042	.46980	.45042	.25533	.44729	.10812	.27081
#1	2.4355	24.639	.98473	2.4774	1.2553	4.9245	2.4793	25.031
#2	2.4285	24.741	.97612	2.4755	1.2537	4.8827	2.4746	25.005
#3	2.4473	24.866	.98328	2.4957	1.2599	4.9151	2.4746	25.133
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4822	1.2594	24.667	2.4512	2.5096	24.778	5.1059	4.9286
Stddev	.0100	.0030	.121	.0018	.0098	.141	.0166	.0120
%RSD	.40319	.23519	.49010	.07524	.38968	.56955	.32519	.24414
#1	2.4858	1.2597	24.729	2.4526	2.5090	24.927	5.1043	4.9259
#2	2.4709	1.2563	24.528	2.4518	2.5002	24.646	5.0901	4.9182
#3	2.4899	1.2622	24.745	2.4491	2.5197	24.761	5.1232	4.9418
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9077	4.6721	4.9303	5.0630	4.9995	5.018	5.0698	5.4219
Stddev	.0372	.0110	.0418	.0129	.0208	.003	.0125	.1753
%RSD	.75820	.23582	.84751	.25481	.41667	.0501	.24602	3.2338
#1	4.9100	4.6766	4.9717	5.0777	5.0218	5.020	5.0831	5.5959
#2	4.8693	4.6596	4.8882	5.0580	4.9806	5.019	5.0584	5.2453
#3	4.9437	4.6802	4.9310	5.0534	4.9960	5.016	5.0680	5.4245

Sample Name: CCV03 Acquired: 2/20/2019 14:42:59 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .88301
Stddev	2.6027
%RSD	294.75

#1	-1.5710
#2	3.6124
#3	.60762

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2425.2	37810.	3596.4	13.962	2555.9
Stddev	7.6	111.	7.3	1.567	9.9
%RSD	.31451	.29439	.20394	11.224	.38765

#1	2425.3	37708.	3589.0	15.033	2555.3
#2	2432.7	37929.	3603.7	14.689	2566.0
#3	2417.5	37793.	3596.6	12.163	2546.2

Sample Name: CCB03 Acquired: 2/20/2019 14:46:58 Type: Unk
Method: P4-ICP2(v2881) 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	-.00081	.00003	.00014	.00026	-.00029	-.01338	.00239
Stddev	.00145	.00118	.00134	.00288	.00063	.00393	.00165
%RSD	179.39	3393.6	954.37	1119.9	216.91	29.376	68.762

#1	-.00078	.00111	.00062	-.00286	-.00054	-.01359	.00151
#2	.00063	.00022	.00117	.00082	-.00076	-.00935	.00137
#3	-.00227	-.00123	-.00137	.00282	.00043	-.01720	.00429

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00001	.00593	.00017	-.00008	-.00015	-.00139
Stddev	.00000	.00006	.01357	.00016	.00010	.00020	.00084
%RSD	1.6368	844.71	228.80	93.562	125.84	133.61	60.211

#1	.00007	-.00007	.02107	.00031	.00004	-.00022	-.00220
#2	.00007	-.00000	.00186	.00000	-.00014	-.00031	-.00146
#3	.00006	.00005	-.00514	.00019	-.00014	.00008	-.00052

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.02157	.00003	.00031	.04251	-.00035	.00001
Stddev	.00002	.02350	.00014	.00045	.01426	.00019	.00003
%RSD	132.38	108.97	414.55	145.43	33.530	54.444	493.53

#1	-.00000	.03580	.00003	.00019	.05638	-.00040	.00004
#2	.00001	-.00556	.00018	.00080	.02790	-.00050	-.00002
#3	.00004	.03447	-.00010	-.00007	.04326	-.00014	-.00000

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14930	.00009	.00586	F .05663	.00637	.00071	.00024
Stddev	.05419	.00016	.00476	.01045	.00264	.00117	.00164
%RSD	36.295	165.98	81.315	18.450	41.385	165.12	693.99

#1	.15061	-.00007	.00592	.06499	.00437	.00031	-.00080
#2	.09447	.00011	.00106	.05998	.00936	-.00021	.00213
#3	.20283	.00024	.01059	.04492	.00538	.00203	-.00062

Sample Name: CCB03 Acquired: 2/20/2019 14:46:58 Type: Unk
 Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00097	-.0020	.00010	F 4.3097	F<.00000
Stddev	.00197	.0004	.00007	.1170	3.7252
%RSD	201.66	18.50	69.874	2.7150	999.54
#1	-.00116	-.0021	.00017	4.4160	.41306
#2	.00272	-.0016	.00010	4.3288	-4.4281
#3	.00136	-.0023	.00003	4.1843	2.8970
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2494.6	39522.	3682.2	14.848	2870.0
Stddev	2.2	89.	43.4	.558	2.0
%RSD	.08824	.22601	1.1786	3.7554	.07046
#1	2493.5	39442.	3726.2	15.464	2870.5
#2	2497.2	39506.	3639.4	14.702	2867.8
#3	2493.2	39619.	3680.9	14.377	2871.8

Sample Name: K1519-01DUP Acquired: 2/20/2019 14:51:26 Type: Unk
Method: P4-ICP2(v2881) 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	.00009	-.00170	.00202	.00361	-.00355	.01466	.00966
Stddev	.00221	.00092	.00094	.00291	.00119	.00095	.00183
%RSD	2447.8	53.989	46.476	80.737	33.382	6.4910	18.968

#1	.00240	-.00126	.00231	.00566	-.00248	.01417	.00835
#2	-.00199	-.00109	.00098	.00489	-.00483	.01406	.00888
#3	-.00015	-.00276	.00279	.00027	-.00335	.01576	.01175

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00010	25.113	.00152	-.00000	.00055	.00905
Stddev	.00008	.00006	.204	.00024	.00002	.00020	.00064
%RSD	526.61	54.306	.81118	15.704	3738.3	35.955	7.1239

#1	.00004	-.00017	24.915	.00124	.00002	.00052	.00845
#2	.00002	-.00006	25.103	.00162	-.00002	.00036	.00973
#3	-.00010	-.00009	25.322	.00168	-.00000	.00076	.00898

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09070	3.5810	.00055	.00002	35.108	.00092	.00626
Stddev	.00021	.0421	.00027	.00048	.141	.00062	.00010
%RSD	.23531	1.1754	48.628	2735.0	.40038	67.982	1.6670

#1	.09047	3.5481	.00079	-.00011	34.955	.00053	.00636
#2	.09074	3.5664	.00059	-.00038	35.137	.00058	.00615
#3	.09090	3.6284	.00026	.00055	35.231	.00163	.00627

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2756	.00128	.03989	4.2409	2.0732	.00070	.00005
Stddev	.0606	.00035	.00303	.0264	.0194	.00056	.00181
%RSD	2.6642	27.455	7.6005	.62212	.93725	79.530	3345.7

#1	2.3453	.00090	.04269	4.2569	2.0697	.00132	.00076
#2	2.2345	.00159	.04030	4.2104	2.0557	.00024	-.00201
#3	2.2472	.00136	.03667	4.2553	2.0941	.00054	.00141

Sample Name: K1519-01DUP Acquired: 2/20/2019 14:51:26 Type: Unk
Method: P4-ICP2(v2881) 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	.00528	.0359	.14742	4.4793	F<.00000
Stddev	.00254	.0015	.00053	.1696	2.7228
%RSD	48.117	4.301	.36238	3.7864	15.620

#1	.00238	.0368	.14681	4.2836	-19.410
#2	.00635	.0341	.14768	4.5706	-14.326
#3	.00712	.0368	.14778	4.5837	-18.559

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2455.2	39254.	3741.5	14.654	2780.0
Stddev	13.5	106.	12.4	.568	7.5
%RSD	.54907	.26982	.33275	3.8735	.27048

#1	2443.5	39340.	3750.9	14.176	2773.1
#2	2452.1	39136.	3746.2	14.504	2778.9
#3	2469.9	39288.	3727.3	15.281	2788.0

Sample Name: K1519-01LX5 Acquired: 2/20/2019 15:00:11 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00192	-.00101	.00122	.00159	-.00054	-.00164	.00755
Stddev	.00121	.00076	.00103	.00392	.00084	.00138	.00458
%RSD	63.264	75.222	84.743	246.92	157.56	84.176	60.737

#1	-.00083	-.00150	.00011	.00038	.00042	-.00134	.00281
#2	-.00170	-.00141	.00214	-.00159	-.00087	-.00044	.01197
#3	-.00322	-.00013	.00140	.00596	-.00116	-.00315	.00786

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00014	5.6802	.00043	-.00000	-.00013	.00006
Stddev	.00009	.00008	.0409	.00019	.00004	.00019	.00075
%RSD	427.11	53.588	.71977	44.484	1604.6	143.77	1252.9

#1	-.00010	-.00020	5.6411	.00064	.00004	-.00006	.00057
#2	.00007	-.00017	5.6769	.00040	-.00005	-.00034	.00041
#3	-.00004	-.00006	5.7227	.00026	.00000	.00001	-.00081

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02048	.82006	-.00041	-.00000	7.8337	.00015	.00121
Stddev	.00024	.04722	.00021	.00045	.0343	.00057	.00017
%RSD	1.1818	5.7580	50.849	11581.	.43751	378.44	13.799

#1	.02026	.87121	-.00058	-.00012	7.8111	.00037	.00140
#2	.02074	.77813	-.00045	-.00038	7.8731	.00057	.00116
#3	.02043	.81084	-.00018	.00049	7.8169	-.00049	.00108

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63333	.00026	.00538	1.0347	.49661	.00110	.00047
Stddev	.05466	.00010	.00291	.0101	.00870	.00046	.00193
%RSD	8.6303	37.158	53.986	.97603	1.7527	41.400	412.69

#1	.64615	.00038	.00276	1.0248	.48718	.00120	.00030
#2	.68043	.00019	.00850	1.0450	.50434	.00061	-.00137
#3	.57340	.00022	.00489	1.0344	.49831	.00150	.00247

Sample Name: K1519-01LX5 Acquired: 2/20/2019 15:00:11 Type: Unk
Method: P4-ICP2(v2881) 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	.00160	.0096	.03322	4.5560	F<.00000
Stddev	.00058	.0019	.00035	.2820	.27215
%RSD	36.422	19.85	1.0469	6.1897	4.5469
#1	.00103	.0086	.03303	4.7757	-6.2809
#2	.00219	.0084	.03302	4.2380	-5.7452
#3	.00158	.0118	.03363	4.6543	-5.9299
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2445.6	38835.	3613.1	14.558	2793.8
Stddev	8.1	227.	11.9	.383	5.2
%RSD	.33264	.58554	.33011	2.6281	.18467
#1	2436.9	38607.	3617.0	14.411	2788.1
#2	2446.7	39062.	3599.7	14.993	2795.4
#3	2453.1	38836.	3622.6	14.272	2798.0

Sample Name: K1519-01MS Acquired: 2/20/2019 15:04:38 Type: Unk
Method: P4-ICP2(v2881) 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	.88229	2.0432	1.0104	2.1330	.90431	2.1756	.23624	.20370	.19716
Stddev	.00108	.0050	.0013	.0050	.00246	.0163	.00168	.00045	.00040
%RSD	.12264	.24661	.12797	.23502	.27159	.74750	.71174	.21970	.20264
#1	.88104	2.0482	1.0090	2.1273	.90709	2.1929	.23561	.20352	.19692
#2	.88293	2.0433	1.0114	2.1368	.90245	2.1732	.23496	.20421	.19694
#3	.88288	2.0381	1.0109	2.1349	.90338	2.1606	.23814	.20337	.19763
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.854	.42247	.20731	.32591	3.1342	.30306	5.9586	.51489	.07553
Stddev	.063	.00243	.00028	.00007	.0263	.00103	.0436	.00030	.00037
%RSD	.22550	.57462	.13618	.02234	.83794	.34052	.73188	.05782	.49068
#1	27.804	.42341	.20751	.32588	3.1089	.30407	5.9149	.51500	.07557
#2	27.833	.41971	.20743	.32599	3.1325	.30201	5.9588	.51511	.07514
#3	27.925	.42428	.20699	.32585	3.1613	.30310	6.0021	.51455	.07587
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	40.468	.32178	.20697	13.037	.47530	.36293	4.5781	3.1282	.74009
Stddev	.127	.00130	.00019	.082	.00076	.00285	.0233	.0050	.00196
%RSD	.31470	.40333	.09266	.62809	.15920	.78643	.50778	.16081	.26494
#1	40.336	.32324	.20690	13.114	.47482	.36167	4.5928	3.1225	.73783
#2	40.590	.32075	.20682	12.951	.47617	.36092	4.5513	3.1298	.74113
#3	40.479	.32135	.20719	13.047	.47490	.36620	4.5903	3.1322	.74132
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22636	.23111	6.040	.36715	4.8546	56.115			
Stddev	.00195	.00046	.004	.00114	.1158	4.678			
%RSD	.85943	.20024	.0589	.31104	2.3862	8.3366			
#1	.22620	.23063	6.038	.36630	4.9448	55.283			
#2	.22838	.23156	6.044	.36845	4.7239	51.908			
#3	.22449	.23113	6.037	.36670	4.8949	61.153			

Sample Name: K1519-01MS Acquired: 2/20/2019 15:04:38 Type: Unk
 Method: P4-ICP2(v2881) 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	2435.9	38801.	3676.8	15.186	2712.5
Stddev	6.6	229.	2.9	1.005	3.2
%RSD	.26991	.59055	.07942	6.6171	.11935
#1	2439.4	38537.	3674.6	16.346	2715.8
#2	2428.3	38931.	3680.1	14.603	2709.3
#3	2439.9	38936.	3675.7	14.608	2712.3

Sample Name: K1519-01MSD Acquired: 2/20/2019 15:08:45 Type: Unk
Method: P4-ICP2(v2881) 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	.87522	2.0152	1.0007	2.1066	.89124	2.1475	.23396	.20093	.19459
Stddev	.00327	.0094	.0034	.0113	.00269	.0290	.00119	.00055	.00035
%RSD	.37352	.46388	.33468	.53431	.30149	1.3489	.50659	.27403	.17825

#1	.87602	2.0162	1.0034	2.1149	.88984	2.1551	.23390	.20157	.19452
#2	.87162	2.0054	.99693	2.0938	.88954	2.1719	.23280	.20063	.19427
#3	.87801	2.0240	1.0018	2.1110	.89433	2.1155	.23517	.20059	.19496

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.503	.41696	.20447	.32302	3.1262	.30029	5.9128	.50981	.07328
Stddev	.102	.00222	.00066	.00050	.0253	.00068	.0415	.00040	.00108
%RSD	.37080	.53188	.32062	.15625	.81025	.22560	.70256	.07765	1.4772

#1	27.386	.41951	.20471	.32247	3.1355	.30107	5.9032	.50994	.07270
#2	27.575	.41591	.20373	.32347	3.0975	.29992	5.9582	.50937	.07453
#3	27.547	.41547	.20497	.32312	3.1455	.29988	5.8768	.51013	.07262

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	39.962	.31860	.20425	12.981	.47231	.35087	4.5018	3.1020	.73000
Stddev	.420	.00113	.00024	.045	.00126	.01559	.0337	.0434	.00129
%RSD	1.0520	.35413	.11573	.34994	.26752	4.4439	.74895	1.3995	.17724

#1	40.243	.31830	.20417	13.032	.47375	.34601	4.4641	3.1374	.73096
#2	39.479	.31765	.20407	12.945	.47178	.36831	4.5119	3.0536	.73050
#3	40.165	.31985	.20452	12.966	.47140	.33829	4.5292	3.1151	.72853

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22739	.22860	5.969	.36046	4.7465	61.444
Stddev	.00051	.00290	.007	.00322	.1222	4.874
%RSD	.22636	1.2705	.1173	.89457	2.5738	7.9330

#1	.22744	.22848	5.977	.36243	4.6347	60.412
#2	.22685	.23156	5.965	.35674	4.8769	57.168
#3	.22788	.22576	5.964	.36221	4.7280	66.751

Sample Name: K1519-01MSD Acquired: 2/20/2019 15:08:45 Type: Unk
Method: P4-ICP2(v2881) 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	2437.9	39096.	3700.5	14.476	2716.7
Stddev	3.9	242.	26.7	1.166	2.7
%RSD	.15920	.61973	.72218	8.0549	.09759
#1	2440.8	38872.	3688.1	13.795	2717.4
#2	2433.5	39064.	3731.2	15.822	2713.8
#3	2439.4	39353.	3682.2	13.811	2719.0

Sample Name: K1519-01A Acquired: 2/20/2019 15:12:50 Type: Unk
Method: P4-ICP2(v2881) 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	.88682	2.0329	1.0081	2.1110	.90335	2.1470	.23486	.20237	.19672
Stddev	.00264	.0050	.0029	.0116	.00087	.0227	.00291	.00066	.00035
%RSD	.29802	.24575	.28462	.54704	.09594	1.0580	1.2377	.32540	.17807

#1	.88789	2.0338	1.0068	2.1212	.90318	2.1275	.23227	.20302	.19659
#2	.88877	2.0373	1.0114	2.1132	.90429	2.1719	.23800	.20171	.19712
#3	.88382	2.0275	1.0062	2.0985	.90258	2.1416	.23431	.20238	.19645

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.665	.41876	.20693	.32612	3.1221	.30117	5.9457	.51481	.07444
Stddev	.042	.00172	.00098	.00044	.0180	.00039	.0597	.00067	.00052
%RSD	.15166	.40967	.47364	.13547	.57616	.12980	1.0037	.12920	.69398

#1	27.692	.41802	.20604	.32645	3.1126	.30130	5.8772	.51426	.07490
#2	27.687	.41753	.20798	.32629	3.1109	.30073	5.9740	.51555	.07388
#3	27.617	.42072	.20678	.32562	3.1428	.30148	5.9860	.51462	.07455

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	40.506	.32055	.20753	13.075	.47685	.36572	4.5295	3.1327	.73794
Stddev	.265	.00023	.00063	.059	.00056	.00489	.0302	.0293	.00250
%RSD	.65409	.07261	.30257	.45237	.11778	1.3360	.66649	.93669	.33873

#1	40.518	.32075	.20706	13.142	.47683	.36704	4.5468	3.1276	.73751
#2	40.236	.32029	.20824	13.053	.47743	.36031	4.5471	3.1062	.74063
#3	40.765	.32060	.20728	13.031	.47630	.36981	4.4947	3.1642	.73569

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22871	.23082	6.031	.36448	4.5229	57.485
Stddev	.00171	.00067	.014	.00257	.0651	1.792
%RSD	.74668	.29140	.2283	.70540	1.4392	3.1178

#1	.22820	.23083	6.042	.36373	4.5169	58.465
#2	.23062	.23148	6.036	.36236	4.5907	58.574
#3	.22732	.23014	6.016	.36734	4.4610	55.416

Sample Name: K1519-01A Acquired: 2/20/2019 15:12:50 Type: Unk
Method: P4-ICP2(v2881) 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	2430.6	39327.	3703.5	15.405	2711.6
Stddev	8.3	50.	11.3	1.181	8.8
%RSD	.34073	.12653	.30429	7.6638	.32367
#1	2424.2	39315.	3707.6	14.673	2706.9
#2	2427.7	39284.	3712.1	16.767	2706.1
#3	2439.9	39382.	3690.7	14.775	2721.7

Sample Name: K1512-05DL2X200 Acquired: 2/20/2019 15:16:55 Type: Unk
Method: P4-ICP2(v2881) 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	-.00504	-.00040	.12860	.00025	-.03030	.30308	.05427	-.00008
Stddev	.00253	.00140	.00057	.00068	.00149	.01583	.00040	.00004
%RSD	50.225	350.73	.43962	276.75	4.9112	5.2237	.74575	49.130

#1	-.00792	-.00199	.12795	-.00027	-.02903	.29514	.05388	-.00012
#2	-.00318	.00065	.12899	.00101	-.03194	.29279	.05469	-.00007
#3	-.00401	.00014	.12886	-.00000	-.02994	.32131	.05423	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00589	2.7409	1.0201	.03539	20.083	11.224	.12903	.52739
Stddev	.00016	.0301	.0094	.00003	.052	.033	.00166	.03702
%RSD	2.7220	1.0984	.92355	.08016	.25922	.29297	1.2884	7.0190

#1	-.00586	2.7101	1.0129	.03536	20.127	11.201	.12816	.51020
#2	-.00574	2.7702	1.0308	.03540	20.026	11.261	.13095	.56987
#3	-.00606	2.7425	1.0167	.03542	20.096	11.209	.12798	.50209

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.579	-.00022	1.1741	.00110	2.0504	2.5237	.00044	.09411
Stddev	.052	.00028	.0058	.00015	.0052	.0335	.00020	.00548
%RSD	.18945	127.50	.49642	13.772	.25098	1.3270	45.973	5.8183

#1	27.616	-.00045	1.1806	.00127	2.0556	2.5169	.00066	.10040
#2	27.519	-.00030	1.1722	.00098	2.0453	2.4941	.00028	.09147
#3	27.602	.00009	1.1695	.00104	2.0502	2.5600	.00038	.09044

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69773	2.3405	.00396	.01295	.00211	2.284	.00479	4.3717
Stddev	.01641	.0296	.00031	.00114	.00380	.008	.00017	.2414
%RSD	2.3524	1.2652	7.9348	8.8338	179.60	.3656	3.5819	5.5217

#1	.71164	2.3118	.00408	.01168	.00033	2.289	.00466	4.4982
#2	.67963	2.3709	.00360	.01391	.00647	2.288	.00473	4.0934
#3	.70194	2.3387	.00419	.01325	-.00046	2.274	.00499	4.5237

Sample Name: K1512-05DL2X200 Acquired: 2/20/2019 15:16:55 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 119.25
Stddev 6.50
%RSD 5.4498

#1 112.01
#2 124.60
#3 121.13

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2467.3	39793.	3639.9	14.112	2783.4
Stddev	4.2	96.	13.4	1.045	4.6
%RSD	.16985	.24076	.36762	7.4024	.16547

#1	2463.9	39759.	3641.5	13.527	2779.3
#2	2472.0	39718.	3625.7	13.491	2788.4
#3	2466.1	39901.	3652.3	15.318	2782.6

Sample Name: PB117227BL Acquired: 2/20/2019 15:21:11 Type: Unk
Method: P4-ICP2(v2881) 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	.00121	-.00025	-.00003	.00038	-.00113	-.00497	.00676	.00005
Stddev	.00149	.00019	.00045	.00260	.00091	.00736	.00163	.00006
%RSD	123.07	76.611	1647.1	679.07	80.461	148.20	24.103	116.99

#1	.00175	-.00042	.00027	.00062	-.00011	-.01340	.00800	.00012
#2	.00235	-.00028	-.00054	.00286	-.00185	-.00165	.00492	.00000
#3	-.00047	-.00004	.00019	-.00233	-.00144	.00015	.00738	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00766	.00043	-.00006	-.00039	-.00123	-.00001	.00171
Stddev	.00003	.01688	.00032	.00045	.00021	.00161	.00003	.04273
%RSD	26.035	220.46	73.422	794.72	53.637	130.79	415.39	2506.1

#1	-.00010	-.00399	.00007	.00006	-.00021	-.00251	-.00000	-.03731
#2	-.00014	-.00006	.00056	.00032	-.00062	.00058	-.00003	.04738
#3	-.00009	.02702	.00066	-.00056	-.00035	-.00177	.00002	-.00495

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00056	.01763	-.00020	.00022	.10297	-.00014	-.01215
Stddev	.00007	.00030	.00407	.00042	.00009	.02387	.00044	.00621
%RSD	121.45	54.485	23.100	207.72	42.178	23.185	312.97	51.102

#1	.00004	.00076	.02223	-.00068	.00032	.07591	-.00065	-.01774
#2	-.00000	.00070	.01616	.00013	.00018	.11196	.00015	-.00546
#3	.00014	.00021	.01450	-.00006	.00015	.12104	.00008	-.01326

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .05112	.01379	.00005	-.00108	.00089	-.0014	-.00001	F 4.1341
Stddev	.01454	.00085	.00074	.00346	.00325	.0007	.00008	.2895
%RSD	28.446	6.1540	1470.8	320.66	364.77	54.86	534.67	7.0039

#1	.06696	.01476	.00058	-.00502	-.00112	-.0021	-.00010	3.9451
#2	.04803	.01341	.00036	.00150	.00464	-.0006	.00004	3.9897
#3	.03837	.01320	-.00079	.00028	-.00085	-.0013	.00002	4.4674

Sample Name: PB117227BL Acquired: 2/20/2019 15:21:11 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7132
Stddev 4.1166
%RSD 240.28

#1 -2.8944
#2 5.0289
#3 3.0051

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2470.6	39610.	3632.4	15.820	2860.3
Stddev	4.9	107.	40.4	.933	2.4
%RSD	.19643	.27025	1.1111	5.8943	.08372

#1	2465.3	39732.	3610.6	15.230	2861.1
#2	2471.9	39567.	3607.6	16.895	2857.6
#3	2474.7	39531.	3679.0	15.336	2862.1

Sample Name: PB117226BL Acquired: 2/20/2019 15:29:43 Type: Unk
Method: P4-ICP2(v2881) 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	-.00049	-.00020	.00043	.00363	-.00073	-.01471	.00551	.00007
Stddev	.00191	.00058	.00060	.00255	.00297	.01613	.00344	.00009
%RSD	389.62	288.82	141.07	70.297	409.32	109.65	62.473	123.46
#1	.00153	.00042	-.00026	.00316	-.00153	-.03272	.00938	.00004
#2	-.00226	-.00030	.00066	.00134	.00257	-.00982	.00281	.00017
#3	-.00074	-.00073	.00088	.00638	-.00321	-.00159	.00433	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.01714	.00029	-.00017	.00018	-.00280	-.00006	.01243
Stddev	.00010	.00746	.00024	.00011	.00026	.00204	.00006	.01172
%RSD	96.606	43.494	81.037	62.819	145.51	72.820	100.76	94.290
#1	-.00022	.01808	.00027	-.00029	-.00004	-.00220	-.00007	.01936
#2	-.00003	.00926	.00054	-.00009	.00011	-.00508	.00001	-.00110
#3	-.00006	.02409	.00007	-.00012	.00046	-.00113	-.00011	.01904
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00065	.00959	-.00075	-.00008	.13851	-.00012	-.01231
Stddev	.00030	.00043	.01119	.00042	.00010	.03363	.00018	.00986
%RSD	304.68	66.659	116.64	55.368	125.81	24.281	148.63	80.111
#1	.00026	.00032	.00057	-.00122	-.00005	.09979	-.00029	-.00146
#2	-.00025	.00049	.02211	-.00040	-.00019	.15522	.00007	-.02072
#3	.00028	.00113	.00610	-.00064	.00000	.16051	-.00014	-.01474
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .06165	.00638	.00077	-.00102	-.00001	-.0020	-.00006	F 4.1004
Stddev	.02384	.00161	.00066	.00196	.00124	.0009	.00007	.1978
%RSD	38.670	25.298	85.690	192.12	11355.	43.34	113.50	4.8229
#1	.06134	.00536	.00049	.00124	-.00063	-.0010	-.00013	3.9861
#2	.08565	.00553	.00029	-.00203	.00141	-.0024	.00001	4.3287
#3	.03797	.00824	.00152	-.00227	-.00082	-.0026	-.00008	3.9863

Sample Name: PB117226BL Acquired: 2/20/2019 15:29:43 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .28139
Stddev 5.1196
%RSD 1819.4

#1 -.29836
#2 5.6662
#3 -4.5236

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2468.8	39777.	3631.6	14.223	2857.3
Stddev	3.3	86.	11.4	.151	3.9
%RSD	.13279	.21574	.31388	1.0635	.13687

#1	2465.1	39679.	3620.1	14.370	2853.6
#2	2470.2	39810.	3631.9	14.230	2861.4
#3	2471.2	39841.	3642.8	14.068	2856.8

Sample Name: PB117226BS Acquired: 2/20/2019 15:34:10 Type: Unk
Method: P4-ICP2(v2881) 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	.87354	2.0471	1.0089	2.1002	.86448	2.1165	.21336	.19654
Stddev	.00372	.0040	.0044	.0194	.00171	.0176	.00201	.00025
%RSD	.42528	.19632	.43742	.92313	.19803	.83107	.94329	.12591
#1	.87048	2.0463	1.0110	2.1116	.86618	2.1240	.21456	.19665
#2	.87767	2.0514	1.0038	2.1113	.86449	2.0964	.21449	.19626
#3	.87247	2.0435	1.0118	2.0779	.86276	2.1291	.21104	.19672
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19385	1.1121	.42141	.20549	.33295	3.2015	.21418	2.2281
Stddev	.00009	.0102	.00108	.00044	.00121	.0087	.00053	.0039
%RSD	.04509	.91855	.25600	.21187	.36407	.27279	.24770	.17606
#1	.19393	1.1004	.42257	.20506	.33218	3.1956	.21430	2.2322
#2	.19388	1.1188	.42044	.20547	.33435	3.2115	.21360	2.2276
#3	.19376	1.1172	.42122	.20593	.33233	3.1973	.21464	2.2244
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51374	.07442	3.1613	.31734	.19749	11.066	.46177	.32029
Stddev	.00140	.00033	.0236	.00101	.00026	.020	.00108	.00055
%RSD	.27183	.44599	.74788	.31888	.13192	.17958	.23353	.17050
#1	.51289	.07464	3.1497	.31637	.19774	11.059	.46076	.31977
#2	.51298	.07458	3.1885	.31726	.19722	11.089	.46165	.32086
#3	.51535	.07403	3.1458	.31839	.19750	11.051	.46291	.32025
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03132	.92039	.69515	.22287	.23253	5.650	.21680	F 4.2894
Stddev	.01932	.00716	.00171	.00029	.00232	.008	.00065	.0535
%RSD	61.691	.77841	.24596	.13076	.99790	.1352	.30200	1.2465
#1	.03801	.92576	.69676	.22276	.23405	5.656	.21606	4.3508
#2	.04642	.91225	.69335	.22320	.23368	5.652	.21702	4.2637
#3	.00954	.92315	.69532	.22265	.22986	5.642	.21732	4.2536

Sample Name: PB117226BS Acquired: 2/20/2019 15:34:10 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 79.116
Stddev 4.148
%RSD 5.2434

#1 81.691
#2 81.326
#3 74.331

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2476.4	40261.	3739.4	14.859	2852.5
Stddev	8.2	128.	12.5	1.452	8.9
%RSD	.33241	.31817	.33370	9.7714	.31097

#1	2473.5	40118.	3728.6	13.959	2846.4
#2	2470.0	40365.	3736.5	16.534	2848.5
#3	2485.7	40300.	3753.1	14.084	2862.7

Sample Name: CCV04 Acquired: 2/20/2019 15:44:16 Type: Unk
Method: P4-ICP2(v2881) 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	5.4108	4.9955	5.0670	5.1856	5.2862	10.166	10.084	.24846
Stddev	.0135	.0054	.0099	.0141	.0127	.144	.113	.00062
%RSD	.24991	.10764	.19512	.27228	.24108	1.4136	1.1164	.25124
#1	5.4175	4.9897	5.0716	5.1992	5.3001	10.017	10.193	.24792
#2	5.3953	4.9964	5.0738	5.1710	5.2752	10.177	10.092	.24831
#3	5.4197	5.0003	5.0557	5.1866	5.2832	10.304	9.9682	.24914
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4680	25.004	.98103	2.5220	1.2811	4.8913	2.4867	25.509
Stddev	.0025	.096	.00691	.0023	.0042	.0555	.0079	.195
%RSD	.10285	.38363	.70405	.09280	.32408	1.1339	.31868	.76529
#1	2.4696	25.039	.97784	2.5246	1.2859	4.9538	2.4802	25.592
#2	2.4694	25.078	.97630	2.5214	1.2783	4.8717	2.4844	25.286
#3	2.4651	24.896	.98896	2.5201	1.2791	4.8482	2.4955	25.649
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5305	1.2706	24.742	2.4639	2.5671	24.865	5.2409	5.0125
Stddev	.0006	.0061	.316	.0010	.0048	.234	.0054	.0023
%RSD	.02473	.48234	1.2776	.04245	.18843	.94003	.10291	.04573
#1	2.5299	1.2677	25.052	2.4637	2.5704	25.111	5.2471	5.0109
#2	2.5311	1.2664	24.753	2.4630	2.5693	24.839	5.2373	5.0152
#3	2.5306	1.2776	24.420	2.4651	2.5615	24.645	5.2382	5.0115
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9755	4.6778	4.9915	5.1338	4.9935	5.104	5.0569	F 5.6406
Stddev	.0254	.0452	.0099	.0117	.0495	.006	.0483	.1156
%RSD	.51033	.96692	.19846	.22772	.99154	.1228	.95593	2.0489
#1	4.9525	4.7156	4.9893	5.1302	5.0381	5.110	5.1053	5.7055
#2	5.0027	4.6900	5.0024	5.1244	5.0022	5.098	5.0567	5.5072
#3	4.9712	4.6277	4.9830	5.1469	4.9402	5.103	5.0086	5.7092

Sample Name: CCV04 Acquired: 2/20/2019 15:44:16 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.6914
Stddev 7.2309
%RSD 427.51

#1 .18397
#2 -4.6670
#3 9.5571

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2370.6	37615.	3608.8	12.715	2516.8
Stddev	7.3	186.	46.0	.754	8.2
%RSD	.30832	.49580	1.2736	5.9267	.32591

#1	2362.2	37663.	3560.5	11.884	2509.7
#2	2373.6	37773.	3614.0	12.906	2514.9
#3	2375.8	37409.	3652.0	13.355	2525.8

Sample Name: CCB04 Acquired: 2/20/2019 15:48:15 Type: Unk
Method: P4-ICP2(v2881) 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	-.00170	.00035	.00099	-.00066	-.00229	-.00575	.00571
Stddev	.00187	.00232	.00080	.00154	.00089	.00489	.00447
%RSD	110.45	667.27	81.521	235.14	39.014	85.042	78.259

#1	-.00253	.00113	.00191	-.00168	-.00143	-.00541	.01088
#2	.00045	-.00226	.00050	-.00141	-.00322	-.01080	.00323
#3	-.00301	.00217	.00055	.00112	-.00223	-.00104	.00303

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00007	.02573	.00055	.00016	-.00037	-.00123
Stddev	.00005	.00007	.01033	.00030	.00023	.00037	.00119
%RSD	84.186	99.576	40.131	54.014	141.18	99.639	96.271

#1	.00009	-.00010	.03712	.00046	.00010	.00005	-.00242
#2	.00010	.00001	.01697	.00088	.00042	-.00064	-.00005
#3	.00000	-.00012	.02310	.00031	-.00003	-.00053	-.00123

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00136	-.00050	.00045	.03334	-.00009	-.00007
Stddev	.00001	.05568	.00014	.00021	.00702	.00035	.00009
%RSD	28.261	4080.1	27.584	48.163	21.049	388.10	132.43

#1	-.00003	-.00132	-.00064	.00048	.02598	.00006	.00001
#2	-.00002	-.05292	-.00036	.00064	.03407	.00016	-.00017
#3	-.00002	.05833	-.00051	.00022	.03996	-.00049	-.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16388	-.00016	-.00340	F .05963	.00534	-.00003	.00135
Stddev	.04466	.00037	.00483	.01173	.00133	.00027	.00255
%RSD	27.249	237.95	141.83	19.666	24.887	859.15	189.83

#1	.13362	-.00058	-.00452	.07208	.00676	.00026	-.00155
#2	.21517	.00008	.00188	.04880	.00512	-.00008	.00232
#3	.14286	.00003	-.00758	.05800	.00413	-.00028	.00327

Sample Name: CCB04 Acquired: 2/20/2019 15:48:15 Type: Unk
Method: P4-ICP2(v2881) 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	.00057	-.0017	.00002	F 4.3627	F<.00000
Stddev	.00138	.0016	.00002	.0600	4.6891
%RSD	241.75	93.18	133.43	1.3765	1040.3
#1	-.00071	.0000	.00004	4.4061	4.9624
#2	.00203	-.0020	.00002	4.3878	-3.0525
#3	.00039	-.0031	-.00001	4.2941	-3.2622
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2465.5	39489.	3646.4	14.052	2855.0
Stddev	11.7	191.	60.7	1.697	13.5
%RSD	.47325	.48259	1.6642	12.076	.47402
#1	2468.6	39308.	3595.8	12.339	2846.0
#2	2475.3	39472.	3713.7	15.732	2870.5
#3	2452.6	39688.	3629.7	14.084	2848.3

Sample Name: PB117227BS Acquired: 2/20/2019 15:52:42 Type: Unk
Method: P4-ICP2(v2881) 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	.90959	2.1046	1.0424	2.1731	.91029	2.2034	.21979	.20328
Stddev	.00310	.0047	.0017	.0067	.00135	.0441	.00321	.00017
%RSD	.34114	.22515	.16508	.30898	.14856	1.9996	1.4612	.08207
#1	.90944	2.1088	1.0415	2.1655	.91185	2.1659	.22262	.20339
#2	.91277	2.0995	1.0412	2.1778	.90952	2.1924	.21630	.20309
#3	.90657	2.1056	1.0443	2.1762	.90949	2.2519	.22044	.20336
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20000	1.1337	.43670	.21350	.34396	3.3118	.22159	2.2263
Stddev	.00040	.0184	.00391	.00068	.00023	.0470	.00061	.0450
%RSD	.19987	1.6238	.89507	.31812	.06791	1.4189	.27382	2.0203
#1	.20024	1.1410	.43306	.21290	.34370	3.3377	.22096	2.1749
#2	.19954	1.1128	.43620	.21337	.34405	3.3400	.22217	2.2587
#3	.20023	1.1474	.44083	.21424	.34414	3.2575	.22164	2.2452
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53121	.07605	3.2743	.32866	.20445	11.422	F .48765	.33458
Stddev	.00036	.00177	.0272	.00247	.00030	.023	.00078	.01764
%RSD	.06705	2.3304	.83010	.75280	.14509	.19902	.15992	5.2712
#1	.53080	.07495	3.3057	.32655	.20478	11.398	.48839	.33696
#2	.53148	.07511	3.2572	.32804	.20421	11.443	.48774	.35090
#3	.53134	.07810	3.2602	.33138	.20435	11.424	.48683	.31587
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04693	.96987	.73387	.23414	.23844	5.845	.22409	F 4.5217
Stddev	.01775	.01391	.00190	.00324	.00136	.013	.00052	.1018
%RSD	37.825	1.4338	.25843	1.3832	.56979	.2239	.23070	2.2515
#1	.06266	.97247	.73528	.23478	.23983	5.858	.22459	4.5432
#2	.05045	.98230	.73171	.23063	.23838	5.832	.22411	4.4109
#3	.02768	.95485	.73461	.23701	.23712	5.846	.22356	4.6111

Sample Name: PB117227BS Acquired: 2/20/2019 15:52:42 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 83.229
Stddev	2.346
%RSD	2.8191

#1	84.513
#2	80.521
#3	84.653

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2451.6	40039.	3732.5	14.128	2830.4
Stddev	8.0	109.	59.9	.517	13.9
%RSD	.32497	.27157	1.6044	3.6590	.49006

#1	2448.3	40068.	3686.9	14.341	2825.2
#2	2460.7	40131.	3710.3	13.539	2846.1
#3	2445.9	39919.	3800.3	14.505	2819.9

Sample Name: K1525-03 Acquired: 2/20/2019 15:56:47 Type: Unk
Method: P4-ICP2(v2881) 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	.01587	-.03622	.29900	.00533	-.00932	162.00	.80649	.00787
Stddev	.00209	.00078	.00138	.00187	.00261	1.06	.01022	.00009
%RSD	13.172	2.1640	.46179	35.061	27.955	.65264	1.2671	1.1871
#1	.01526	-.03533	.30060	.00455	-.00797	160.80	.81278	.00795
#2	.01820	-.03679	.29825	.00747	-.01233	162.42	.81198	.00790
#3	.01415	-.03655	.29817	.00399	-.00767	162.79	.79469	.00777
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00282	31.517	.16857	.12363	.31268	179.14	5.6718	59.069
Stddev	.00003	.349	.00144	.00020	.00273	2.06	.0274	.730
%RSD	1.0052	1.1064	.85435	.16007	.87181	1.1502	.48251	1.2355
#1	.00279	31.732	.16970	.12362	.31118	180.71	5.6455	59.432
#2	.00283	31.705	.16695	.12383	.31102	179.92	5.7001	59.547
#3	.00284	31.115	.16906	.12344	.31582	176.81	5.6697	58.229
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27827	-.00782	12.749	.26369	.77697	20.924	.00161	.01706
Stddev	.00070	.00009	.086	.00080	.00068	.160	.00077	.00357
%RSD	.25173	1.1774	.67167	.30314	.08770	.76313	47.902	20.920
#1	.27750	-.00777	12.814	.26426	.77725	21.019	.00086	.01782
#2	.27845	-.00776	12.780	.26278	.77619	21.013	.00158	.01318
#3	.27887	-.00793	12.652	.26405	.77746	20.739	.00240	.02020
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4653	2.6921	.02372	1.9248	.28812	6.901	-.01264	<.00000
Stddev	.0135	.0503	.00083	.0079	.00207	.008	.00260	.15937
%RSD	.91781	1.8701	3.4840	.41244	.71887	.1221	20.549	21.843
#1	1.4662	2.7377	.02448	1.9285	.28928	6.892	-.01472	-.87796
#2	1.4783	2.7005	.02385	1.9157	.28936	6.907	-.01346	-.56113
#3	1.4514	2.6381	.02284	1.9302	.28573	6.905	-.00973	-.74973

Sample Name: K1525-03 Acquired: 2/20/2019 15:56:47 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3102.9
Stddev 15.5
%RSD .49962

#1 3089.8
#2 3099.0
#3 3120.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2890.5	45532.	4501.7	13.346	2469.7
Stddev	24.8	115.	51.8	1.375	7.0
%RSD	.85713	.25181	1.1517	10.300	.28531

#1	2890.3	45664.	4462.8	12.251	2463.3
#2	2915.3	45452.	4481.7	12.898	2477.2
#3	2865.8	45481.	4560.5	14.889	2468.7

Sample Name: K1525-03DUP Acquired: 2/20/2019 16:01:24 Type: Unk
Method: P4-ICP2(v2881) 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	.01936	-.03805	.30272	.00431	-.01048	161.94	.79671	.00777
Stddev	.00175	.00067	.00132	.00417	.00310	.69	.00291	.00012
%RSD	9.0378	1.7726	.43686	96.757	29.578	.42915	.36571	1.5903
#1	.02001	-.03825	.30121	-.00050	-.01326	162.74	.79884	.00769
#2	.02069	-.03860	.30326	.00692	-.01103	161.61	.79339	.00770
#3	.01738	-.03730	.30368	.00650	-.00714	161.48	.79790	.00791
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00309	31.402	.16904	.12441	.31380	176.85	5.7061	58.233
Stddev	.00032	.234	.00165	.00052	.00062	1.88	.0261	.334
%RSD	10.197	.74404	.97589	.42166	.19896	1.0636	.45710	.57408
#1	.00320	31.331	.16735	.12390	.31434	175.23	5.6775	58.317
#2	.00334	31.212	.16913	.12495	.31395	176.41	5.7285	57.864
#3	.00274	31.663	.17065	.12437	.31312	178.91	5.7124	58.516
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27991	-.00826	12.603	.26350	.78182	20.732	.00164	-.00149
Stddev	.00228	.00017	.043	.00094	.00518	.031	.00010	.00273
%RSD	.81617	2.0430	.34313	.35552	.66236	.14755	6.1740	183.84
#1	.27891	-.00814	12.643	.26243	.78168	20.740	.00174	.00040
#2	.28253	-.00845	12.557	.26391	.78707	20.697	.00164	-.00462
#3	.27830	-.00818	12.609	.26416	.77672	20.757	.00154	-.00023
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5064	2.5873	.02345	1.9278	.28970	6.942	-.00942	<.00000
Stddev	.0228	.0299	.00099	.0221	.00365	.029	.00134	.21611
%RSD	1.5155	1.1538	4.2367	1.1442	1.2601	.4228	14.228	43.673
#1	1.4957	2.5692	.02406	1.9316	.28926	6.937	-.00801	-.48562
#2	1.4909	2.5709	.02399	1.9040	.28629	6.974	-.00957	-.28350
#3	1.5326	2.6217	.02230	1.9476	.29355	6.915	-.01068	-.71542

Sample Name: K1525-03DUP Acquired: 2/20/2019 16:01:24 Type: Unk
 Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3112.4
 Stddev 13.3
 %RSD .42594

#1 3100.1
 #2 3110.7
 #3 3126.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2883.1	45354.	4538.9	14.444	2453.6
Stddev	12.1	41.	23.5	.367	17.1
%RSD	.42034	.09099	.51884	2.5411	.69810

#1	2885.6	45352.	4557.6	14.733	2457.0
#2	2869.9	45315.	4546.6	14.567	2435.0
#3	2893.7	45397.	4512.4	14.031	2468.7

Sample Name: K1525-03LX5 Acquired: 2/20/2019 16:06:00 Type: Unk
Method: P4-ICP2(v2881) 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	.00445	-.00457	.06050	.00354	-.00040	38.870	.20605	.00161
Stddev	.00061	.00073	.00060	.00185	.00072	.020	.00084	.00006
%RSD	13.700	15.968	.98448	52.458	178.38	.05243	.40803	3.7092
#1	.00447	-.00521	.05982	.00183	-.00068	38.846	.20692	.00167
#2	.00506	-.00378	.06076	.00551	.00041	38.884	.20600	.00159
#3	.00384	-.00473	.06092	.00327	-.00094	38.879	.20524	.00156
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00148	7.8814	.04135	.02578	.08075	52.292	1.4469	14.890
Stddev	.00011	.0398	.00053	.00014	.00017	.412	.0015	.087
%RSD	7.7065	.50567	1.2810	.54736	.20648	.78844	.10320	.58448
#1	-.00160	7.9212	.04077	.02594	.08078	52.768	1.4478	14.790
#2	-.00145	7.8415	.04146	.02568	.08057	52.065	1.4477	14.944
#3	-.00138	7.8814	.04182	.02571	.08090	52.044	1.4452	14.936
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05715	-.00066	3.2849	.06496	.16424	5.4177	.00031	.00460
Stddev	.00024	.00103	.0086	.00016	.00061	.0378	.00003	.00763
%RSD	.41612	155.60	.26067	.25175	.37246	.69768	8.8813	165.68
#1	.05720	-.00054	3.2884	.06481	.16370	5.4455	.00032	.01253
#2	.05689	.00030	3.2751	.06495	.16411	5.3746	.00027	.00395
#3	.05735	-.00175	3.2910	.06513	.16490	5.4328	.00032	-.00268
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33145	.68906	.00613	.48154	.07325	1.416	-.01113	3.6830
Stddev	.02903	.00986	.00044	.00459	.00181	.002	.00021	.1143
%RSD	8.7591	1.4312	7.1521	.95242	2.4765	.1592	1.8761	3.1026
#1	.32128	.69949	.00563	.48633	.07331	1.417	-.01130	3.8015
#2	.30886	.67988	.00641	.48109	.07503	1.418	-.01090	3.6739
#3	.36419	.68780	.00636	.47719	.07141	1.414	-.01119	3.5735

Sample Name: K1525-03LX5 Acquired: 2/20/2019 16:06:00 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 633.15
Stddev	3.79
%RSD	.59932

#1	631.15
#2	630.78
#3	637.53

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2550.3	40409.	3808.4	14.502	2669.1
Stddev	6.1	112.	38.3	.413	3.8
%RSD	.23994	.27676	1.0059	2.8490	.14190

#1	2552.2	40331.	3764.3	14.663	2668.9
#2	2555.2	40358.	3833.3	14.032	2672.9
#3	2543.4	40537.	3827.6	14.810	2665.4

Sample Name: K1525-03MS Acquired: 2/20/2019 16:10:20 Type: Unk
Method: P4-ICP2(v2881) 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	.78370	2.1688	1.3648	1.7313	.13209	171.13	.95966	.19774
Stddev	.00182	.0048	.0016	.0067	.00229	.97	.00619	.00034
%RSD	.23223	.21930	.11860	.38512	1.7311	.56969	.64492	.17155
#1	.78532	2.1736	1.3630	1.7387	.13410	170.03	.96518	.19757
#2	.78403	2.1687	1.3660	1.7295	.12960	171.88	.96083	.19813
#3	.78173	2.1641	1.3655	1.7258	.13255	171.49	.95297	.19752
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22169	43.524	.51781	.34655	.58024	168.86	5.9713	62.536
Stddev	.00051	.382	.00055	.00117	.00057	.91	.0124	.238
%RSD	.22965	.87759	.10692	.33811	.09811	.53875	.20826	.38006
#1	.22212	43.892	.51727	.34788	.57976	169.62	5.9569	62.663
#2	.22182	43.550	.51838	.34611	.58009	167.85	5.9785	62.682
#3	.22112	43.130	.51779	.34566	.58087	169.10	5.9785	62.261
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83315	.06221	15.401	.51646	1.0752	30.777	.33804	.22410
Stddev	.00200	.00043	.063	.00064	.0027	.089	.00010	.00266
%RSD	.24004	.68959	.40910	.12444	.25091	.29006	.02948	1.1873
#1	.83438	.06260	15.414	.51611	1.0782	30.875	.33809	.22660
#2	.83422	.06228	15.457	.51608	1.0730	30.755	.33793	.22130
#3	.83084	.06175	15.333	.51721	1.0745	30.700	.33812	.22441
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4832	4.0119	.78785	1.9588	.49892	F 13.07	.21413	.45887
Stddev	.0105	.0853	.00228	.0142	.00173	.03	.00245	.08037
%RSD	.70708	2.1259	.28898	.72585	.34653	.2523	1.1423	17.514
#1	1.4892	4.0873	.78936	1.9644	.49808	13.09	.21497	.39439
#2	1.4711	4.0291	.78897	1.9426	.49776	13.03	.21604	.43333
#3	1.4893	3.9193	.78524	1.9694	.50090	13.08	.21137	.54891

Sample Name: K1525-03MS Acquired: 2/20/2019 16:10:20 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2807.6
Stddev 10.9
%RSD .39002

#1 2809.7
#2 2795.7
#3 2817.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2822.2	44317.	4347.0	14.756	2429.7
Stddev	6.5	77.	34.4	.851	4.2
%RSD	.22921	.17383	.79173	5.7706	.17243

#1	2823.7	44332.	4311.0	14.926	2426.8
#2	2827.8	44234.	4350.4	13.832	2434.5
#3	2815.1	44386.	4379.6	15.509	2427.8

Sample Name: K1525-03MSD Acquired: 2/20/2019 16:14:44 Type: Unk
Method: P4-ICP2(v2881) 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	.78823	2.1838	1.3699	1.7356	.13428	172.38	.96756	.19884
Stddev	.00782	.0086	.0022	.0011	.00186	1.35	.01579	.00039
%RSD	.99257	.39518	.15661	.06119	1.3864	.78413	1.6324	.19762
#1	.78522	2.1937	1.3683	1.7359	.13517	173.87	.97833	.19867
#2	.79712	2.1796	1.3691	1.7345	.13214	172.04	.94942	.19928
#3	.78237	2.1781	1.3723	1.7366	.13552	171.23	.97491	.19855
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22210	45.393	.52158	.34905	.58052	172.22	5.9915	63.386
Stddev	.00029	.524	.00357	.00071	.00178	2.92	.0312	.999
%RSD	.12909	1.1533	.68485	.20448	.30583	1.6934	.52082	1.5766
#1	.22243	45.730	.52571	.34945	.58201	173.91	6.0217	63.715
#2	.22195	44.790	.51943	.34822	.58100	168.86	5.9934	62.263
#3	.22192	45.660	.51961	.34947	.57856	173.91	5.9594	64.178
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83724	.06273	15.359	.52060	1.0694	30.941	.33873	.21926
Stddev	.00217	.00063	.174	.00078	.0012	.335	.00168	.00373
%RSD	.25917	1.0050	1.1319	.14990	.11519	1.0827	.49600	1.7007
#1	.83843	.06340	15.490	.52147	1.0689	31.133	.33830	.22312
#2	.83474	.06215	15.162	.51997	1.0686	30.554	.34058	.21568
#3	.83857	.06264	15.425	.52034	1.0708	31.136	.33731	.21899
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5343	4.1731	.78938	1.9667	.50418	F 13.17	.21403	.72058
Stddev	.0193	.0712	.00157	.0086	.00113	.02	.00138	.18485
%RSD	1.2593	1.7064	.19846	.43453	.22372	.1515	.64522	25.653
#1	1.5562	4.1964	.78929	1.9739	.50403	13.15	.21496	.90914
#2	1.5267	4.0932	.78786	1.9573	.50313	13.17	.21244	.53967
#3	1.5198	4.2298	.79099	1.9690	.50537	13.19	.21468	.71294

Sample Name: K1525-03MSD Acquired: 2/20/2019 16:14:44 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2850.3
Stddev 17.1
%RSD .60000

#1 2870.0
#2 2839.1
#3 2841.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2826.4	44154.	4336.9	13.750	2426.5
Stddev	8.5	236.	56.8	.831	1.9
%RSD	.30161	.53337	1.3094	6.0460	.07752

#1	2832.0	43884.	4307.2	12.792	2428.4
#2	2816.6	44260.	4402.3	14.278	2426.4
#3	2830.6	44317.	4301.1	14.181	2424.7

Sample Name: K1525-03A Acquired: 2/20/2019 16:19:06 Type: Unk
Method: P4-ICP2(v2881) 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	.78555	2.1946	1.3807	1.7392	.13633	173.65	.97418	.19964
Stddev	.00175	.0053	.0045	.0015	.00253	.60	.00852	.00057
%RSD	.22221	.24006	.32401	.08714	1.8568	.34412	.87447	.28648
#1	.78676	2.1958	1.3778	1.7380	.13684	172.97	.97064	.19995
#2	.78634	2.1888	1.3859	1.7409	.13857	173.88	.98390	.19898
#3	.78355	2.1991	1.3785	1.7388	.13359	174.10	.96801	.19999
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22340	47.138	.52300	.35095	.58175	172.89	6.0393	64.423
Stddev	.00047	.326	.00187	.00058	.00094	.60	.0151	.789
%RSD	.21212	.69216	.35804	.16523	.16240	.34918	.24952	1.2248
#1	.22336	46.846	.52390	.35096	.58223	172.77	6.0227	63.597
#2	.22388	47.490	.52084	.35037	.58237	172.36	6.0430	65.168
#3	.22294	47.077	.52425	.35153	.58067	173.55	6.0522	64.505
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84136	.06381	15.417	.52449	1.0701	31.230	.33951	.22163
Stddev	.00142	.00058	.177	.00288	.0009	.313	.00212	.01280
%RSD	.16820	.90333	1.1452	.54933	.08091	1.0038	.62388	5.7752
#1	.84238	.06396	15.346	.52139	1.0696	30.973	.34155	.23432
#2	.84196	.06317	15.618	.52498	1.0695	31.580	.33966	.20872
#3	.83974	.06429	15.287	.52709	1.0711	31.139	.33732	.22185
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5481	4.5271	.79268	1.9978	.50479	F 13.23	.21821	.58408
Stddev	.0296	.0465	.00432	.0162	.00335	.02	.00468	.21806
%RSD	1.9088	1.0274	.54447	.80936	.66279	.1633	2.1443	37.334
#1	1.5245	4.5054	.79106	1.9845	.50302	13.26	.21548	.73298
#2	1.5813	4.5805	.78941	2.0158	.50864	13.22	.22361	.33378
#3	1.5385	4.4954	.79758	1.9930	.50269	13.23	.21554	.68547

Sample Name: K1525-03A Acquired: 2/20/2019 16:19:06 Type: Unk
 Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2873.5
 Stddev 22.2
 %RSD .77340

#1 2859.9
 #2 2861.3
 #3 2899.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2817.9	44049.	4313.8	14.256	2414.1
Stddev	3.1	117.	24.6	2.092	3.2
%RSD	.11008	.26624	.56922	14.675	.13217

#1	2814.8	43966.	4321.8	14.339	2414.2
#2	2821.0	44183.	4286.3	12.124	2417.2
#3	2817.8	43998.	4333.4	16.306	2410.9

Sample Name: K1528-01 Acquired: 2/20/2019 16:23:27 Type: Unk
Method: P4-ICP2(v2881) 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	-.00534	-.21864	.19002	-.01444	-.01593	295.88	.46471	.00678
Stddev	.00321	.00372	.00227	.00420	.00324	.50	.00206	.00028
%RSD	60.099	1.6993	1.1948	29.067	20.339	.16828	.44374	4.1272
#1	-.00648	-.21462	.18843	-.00960	-.01507	295.73	.46696	.00688
#2	-.00172	-.21936	.18902	-.01654	-.01321	296.44	.46292	.00646
#3	-.00782	-.22195	.19262	-.01717	-.01951	295.48	.46424	.00699
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02466	359.40	.08245	.22651	.14058	204.53	8.3867	61.300
Stddev	.00034	2.34	.00007	.00104	.00077	2.00	.0392	.640
%RSD	1.3882	.65118	.08346	.46032	.54553	.97591	.46794	1.0446
#1	.02456	358.95	.08238	.22584	.14043	204.08	8.3778	61.091
#2	.02504	357.32	.08248	.22771	.14141	202.80	8.3527	60.791
#3	.02438	361.94	.08251	.22597	.13990	206.71	8.4297	62.019
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24506	-.02328	52.255	.36604	1.0707	33.461	.00010	.24103
Stddev	.00035	.00031	.330	.00046	.0019	.172	.00039	.00207
%RSD	.14201	1.3434	.63181	.12577	.17591	.51549	387.37	.85788
#1	.24501	-.02361	52.340	.36614	1.0727	33.582	-.00011	.24158
#2	.24473	-.02325	51.891	.36554	1.0690	33.263	-.00014	.23875
#3	.24542	-.02299	52.535	.36644	1.0704	33.537	.00056	.24278
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9124	F 66.197	.04620	9.7343	.15819	F 39.94	.90320	<.00000
Stddev	.0366	.646	.00075	.0421	.00231	.09	.00357	.02610
%RSD	1.2581	.97617	1.6174	.43237	1.4601	.2225	.39479	.47044
#1	2.9367	66.013	.04635	9.7636	.15599	40.03	.90673	-5.5628
#2	2.9301	65.663	.04685	9.6861	.15799	39.85	.89960	-5.5624
#3	2.8702	66.916	.04538	9.7533	.16060	39.94	.90326	-5.5174

Sample Name: K1528-01 Acquired: 2/20/2019 16:23:27 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 5577.0
Stddev	14.7
%RSD	.26345

#1	5591.7
#2	5577.0
#3	5562.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3356.1	53331.	5616.7	11.885	2134.1
Stddev	12.3	126.	45.9	.754	7.5
%RSD	.36592	.23718	.81757	6.3456	.35139

#1	3345.6	53185.	5599.1	11.323	2125.5
#2	3353.1	53405.	5668.9	11.590	2138.1
#3	3369.6	53403.	5582.2	12.742	2138.8

Sample Name: K1528-01DUP Acquired: 2/20/2019 16:28:01 Type: Unk
Method: P4-ICP2(v2881) 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	-.00597	-.21340	.19332	-.01412	-.01727	293.90	.46624	.00688
Stddev	.00242	.00445	.00365	.00336	.00158	.20	.00451	.00005
%RSD	40.541	2.0837	1.8889	23.784	9.1395	.06900	.96827	.69305
#1	-.00758	-.20839	.19245	-.01761	-.01547	294.08	.46106	.00691
#2	-.00714	-.21490	.19732	-.01091	-.01840	293.94	.46840	.00690
#3	-.00319	-.21690	.19018	-.01384	-.01796	293.68	.46927	.00683
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02406	363.10	.08107	.22679	.14085	206.78	8.4306	61.791
Stddev	.00025	2.93	.00143	.00020	.00080	1.45	.0178	.494
%RSD	1.0283	.80779	1.7594	.08785	.57001	.70252	.21089	.79913
#1	.02432	359.72	.08272	.22657	.14144	205.64	8.4480	61.238
#2	.02403	365.00	.08026	.22683	.13994	206.28	8.4125	61.947
#3	.02383	364.58	.08024	.22696	.14117	208.42	8.4313	62.188
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24513	-.02333	52.382	.36725	1.0711	33.622	-.00003	.24789
Stddev	.00186	.00014	.337	.00107	.0008	.235	.00027	.00496
%RSD	.75780	.58665	.64370	.29232	.07532	.69963	879.51	1.9995
#1	.24423	-.02337	52.024	.36698	1.0705	33.378	.00026	.24314
#2	.24727	-.02318	52.694	.36634	1.0709	33.847	-.00006	.24750
#3	.24390	-.02345	52.429	.36843	1.0720	33.643	-.00029	.25303
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9229	F 67.739	.04697	9.7220	.15847	F 40.13	.90474	<.00000
Stddev	.0416	.468	.00169	.0707	.00078	.02	.00774	.34994
%RSD	1.4230	.69052	3.5924	.72705	.49007	.0572	.85503	5.9959
#1	2.8775	67.202	.04640	9.6509	.15782	40.12	.89692	-5.4740
#2	2.9592	67.952	.04886	9.7923	.15933	40.11	.91239	-6.1724
#3	2.9320	68.061	.04563	9.7227	.15826	40.15	.90492	-5.8624

Sample Name: K1528-01DUP Acquired: 2/20/2019 16:28:01 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 5550.2
Stddev	24.4
%RSD	.44026

#1	5576.0
#2	5527.4
#3	5547.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3344.6	53343.	5573.4	13.783	2123.7
Stddev	9.9	274.	17.7	1.170	4.4
%RSD	.29653	.51381	.31741	8.4874	.20650

#1	3333.6	53028.	5593.3	14.065	2118.8
#2	3347.3	53523.	5559.5	14.785	2127.2
#3	3352.9	53479.	5567.3	12.497	2125.2

Sample Name: K1528-01LX5 Acquired: 2/20/2019 16:32:35 Type: Unk
Method: P4-ICP2(v2881) 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	-.00115	-.04951	.03048	.00772	-.00570	81.577	.14603	.00146
Stddev	.00138	.00095	.00203	.00451	.00125	.865	.00420	.00011
%RSD	119.86	1.9223	6.6711	58.466	21.990	1.0609	2.8753	7.4063
#1	.00044	-.05007	.02816	.00550	-.00426	80.605	.14837	.00135
#2	-.00195	-.05005	.03132	.01291	-.00633	82.264	.14118	.00147
#3	-.00196	-.04841	.03195	.00475	-.00652	81.862	.14854	.00156
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	113.90	.02359	.04765	.04094	85.139	2.7635	19.824
Stddev	.00013	.29	.00034	.00025	.00063	.794	.0072	.049
%RSD	11.282	.25702	1.4468	.52442	1.5404	.93280	.26066	.24851
#1	-.00129	114.22	.02323	.04752	.04058	86.051	2.7679	19.827
#2	-.00103	113.83	.02364	.04794	.04167	84.767	2.7674	19.872
#3	-.00123	113.65	.02391	.04749	.04057	84.600	2.7552	19.773
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04922	-.00395	15.490	.11243	.20996	10.395	-.00036	.10821
Stddev	.00086	.00027	.051	.00064	.00056	.080	.00024	.00252
%RSD	1.7379	6.8841	.32831	.57317	.26501	.77328	65.677	2.3288
#1	.05019	-.00368	15.549	.11284	.20985	10.477	-.00063	.10530
#2	.04893	-.00423	15.459	.11168	.21056	10.392	-.00024	.10952
#3	.04856	-.00395	15.462	.11276	.20946	10.316	-.00020	.10980
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63209	F 22.308	.01217	3.0180	.05066	8.578	.25149	3.1025
Stddev	.03173	.265	.00055	.0165	.00161	.016	.00088	.1912
%RSD	5.0200	1.1893	4.5392	.54758	3.1787	.1916	.35182	6.1635
#1	.64246	22.613	.01176	2.9989	.05201	8.585	.25047	3.0705
#2	.59647	22.133	.01195	3.0266	.05110	8.590	.25193	3.3077
#3	.65734	22.178	.01280	3.0284	.04888	8.559	.25207	2.9293

Sample Name: K1528-01LX5 Acquired: 2/20/2019 16:32:35 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1122.6
Stddev 9.2
%RSD .81723

#1 1129.8
#2 1112.3
#3 1125.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2606.7	40993.	3942.3	12.406	2447.5
Stddev	12.9	140.	43.2	.716	18.8
%RSD	.49309	.34165	1.0961	5.7729	.76780

#1	2611.2	40984.	3892.4	12.063	2451.2
#2	2592.2	40857.	3966.9	11.927	2427.1
#3	2616.7	41137.	3967.7	13.230	2464.2

Sample Name: CCV05 Acquired: 2/20/2019 16:36:52 Type: Unk
Method: P4-ICP2(v2881) 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	5.2246	4.8885	4.9523	5.0768	5.1445	9.7650	10.030
Stddev	.0086	.0063	.0086	.0094	.0142	.0272	.037
%RSD	.16430	.12936	.17255	.18454	.27656	.27815	.36873

#1	5.2151	4.8838	4.9575	5.0826	5.1574	9.7394	9.9878
#2	5.2318	4.8862	4.9570	5.0819	5.1470	9.7622	10.055
#3	5.2270	4.8957	4.9425	5.0660	5.1292	9.7935	10.049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24365	2.4115	24.501	.96432	2.4640	1.2552	4.8733
Stddev	.00007	.0010	.112	.00306	.0012	.0017	.0217
%RSD	.02895	.04189	.45522	.31752	.04903	.13556	.44600

#1	.24358	2.4112	24.378	.96139	2.4644	1.2557	4.8640
#2	.24365	2.4126	24.595	.96750	2.4649	1.2567	4.8981
#3	.24372	2.4106	24.530	.96407	2.4626	1.2534	4.8578

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4358	24.835	2.4677	1.2413	24.580	2.4133	2.5071
Stddev	.0017	.039	.0040	.0044	.018	.0060	.0013
%RSD	.06960	.15596	.16296	.35573	.07344	.24662	.04998

#1	2.4339	24.825	2.4709	1.2409	24.559	2.4107	2.5066
#2	2.4366	24.802	2.4690	1.2459	24.589	2.4092	2.5085
#3	2.4370	24.878	2.4632	1.2371	24.591	2.4202	2.5062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.552	5.0913	4.8383	4.8136	5.4486	4.8723	4.9950
Stddev	.027	.0094	.0235	.0078	.0325	.0117	.0053
%RSD	.10880	.18530	.48532	.16131	.59615	.24009	.10523

#1	24.531	5.0981	4.8252	4.8182	5.4790	4.8604	4.9898
#2	24.544	5.0954	4.8244	4.8179	5.4524	4.8838	4.9948
#3	24.582	5.0805	4.8654	4.8046	5.4144	4.8727	5.0004

Sample Name: CCV05 Acquired: 2/20/2019 16:36:52 Type: Unk
Method: P4-ICP2(v2881) 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	4.9475	4.974	4.9936	F 5.8035	F<.00000
Stddev	.0179	.007	.0281	.0588	5.9297
%RSD	.36167	.1370	.56293	1.0127	335.90
#1	4.9287	4.982	4.9621	5.8562	4.4122
#2	4.9644	4.971	5.0162	5.7401	-2.2968
#3	4.9494	4.970	5.0025	5.8143	-7.4113
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2347.5	37154.	3504.2	12.764	2491.3
Stddev	8.2	16.	11.6	2.311	6.3
%RSD	.34917	.04290	.33055	18.108	.25297
#1	2341.2	37138.	3493.8	14.128	2485.9
#2	2344.5	37170.	3502.1	10.095	2489.9
#3	2356.8	37154.	3516.7	14.068	2498.2

Sample Name: CCB05 Acquired: 2/20/2019 16:40:51 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00094	.00103	.00140	.00109	-.00034	.00604	.01138
Stddev	.00189	.00133	.00091	.00191	.00151	.00348	.00621
%RSD	200.92	129.26	65.204	175.19	450.79	57.566	54.545

#1	.00196	.00210	.00238	.00248	-.00166	.00220	.00468
#2	.00211	.00144	.00059	-.00108	.00131	.00898	.01694
#3	-.00124	-.00046	.00122	.00187	-.00066	.00693	.01254

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00008	.01130	.00009	.00017	-.00039	.00017
Stddev	.00003	.00002	.00699	.00016	.00006	.00060	.00290
%RSD	26.075	22.579	61.857	173.33	36.702	152.71	1670.7

#1	.00012	-.00006	.01917	.00001	.00011	-.00013	.00348
#2	.00008	-.00008	.00893	-.00001	.00023	.00003	-.00101
#3	.00009	-.00010	.00580	.00027	.00018	-.00108	-.00195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.01188	-.00040	.00051	.03050	.00030	-.00001
Stddev	.00011	.01385	.00008	.00022	.00838	.00026	.00013
%RSD	167.82	116.62	21.031	42.622	27.471	88.349	1218.5

#1	.00007	.00142	-.00048	.00058	.02715	.00004	.00013
#2	.00016	.02759	-.00032	.00027	.04003	.00056	-.00004
#3	-.00005	.00663	-.00039	.00068	.02432	.00028	-.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11782	.00025	-.01409	F .05239	.02248	.00051	-.00049
Stddev	.01840	.00021	.00685	.02177	.00262	.00010	.00202
%RSD	15.613	82.169	48.606	41.546	11.658	18.950	414.20

#1	.11704	.00035	-.01615	.05950	.02212	.00053	.00173
#2	.09982	.00040	-.00645	.06972	.02526	.00059	-.00098
#3	.13659	.00001	-.01967	.02796	.02005	.00040	-.00222

Sample Name: CCB05 Acquired: 2/20/2019 16:40:51 Type: Unk
 Method: P4-ICP2(v2881) 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	.00181	-.0016	.00012	F 4.9158	F<.00000
Stddev	.00023	.0019	.00013	.1328	2.4729
%RSD	12.607	118.8	106.96	2.7020	141.29
#1	.00168	-.0035	.00013	5.0637	-3.6584
#2	.00167	-.0015	-.00001	4.8068	1.0435
#3	.00207	.0002	.00024	4.8769	-2.6360
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2436.1	38623.	3550.2	12.985	2814.5
Stddev	5.1	107.	18.5	.819	2.7
%RSD	.20886	.27816	.52246	6.3036	.09713
#1	2430.2	38514.	3567.6	12.882	2814.1
#2	2439.0	38729.	3530.7	13.850	2817.4
#3	2439.1	38625.	3552.2	12.223	2811.9

Sample Name: K1528-05 Acquired: 2/20/2019 16:45:19 Type: Unk
Method: P4-ICP2(v2881) 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	.61031	1.9168	1.2614	1.4731	.38146	295.38	.59559	.15893
Stddev	.00126	.0100	.0027	.0087	.00312	2.25	.00381	.00024
%RSD	.20622	.52166	.21571	.59272	.81674	.76314	.63938	.15213
#1	.60889	1.9183	1.2601	1.4631	.38282	292.78	.59793	.15906
#2	.61128	1.9061	1.2595	1.4774	.38367	296.54	.59764	.15866
#3	.61076	1.9260	1.2645	1.4788	.37790	296.82	.59119	.15909
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23526	347.18	.35535	.42946	.34118	200.77	8.0704	60.451
Stddev	.00048	1.18	.00123	.00198	.00104	1.28	.0276	.026
%RSD	.20546	.33902	.34714	.46056	.30459	.63744	.34236	.04241
#1	.23523	346.85	.35638	.42974	.33999	202.24	8.0473	60.421
#2	.23480	348.49	.35399	.42736	.34170	200.20	8.1010	60.467
#3	.23577	346.20	.35569	.43129	.34187	199.88	8.0630	60.464
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77478	.03625	54.635	.55134	1.2185	39.051	.33423	.45652
Stddev	.00117	.00029	.322	.00107	.0034	.160	.00066	.00413
%RSD	.15046	.81317	.58945	.19452	.27915	.40906	.19603	.90403
#1	.77608	.03644	54.629	.55247	1.2220	39.007	.33349	.45750
#2	.77445	.03641	54.960	.55122	1.2152	39.228	.33470	.46006
#3	.77382	.03591	54.316	.55034	1.2184	38.917	.33451	.45199
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6236	F 72.874	.91804	9.3134	.31011	F 42.62	1.0551	<.00000
Stddev	.0456	.534	.00337	.0245	.00209	.13	.0059	.03280
%RSD	1.7363	.73321	.36742	.26281	.67407	.3139	.55690	.77774
#1	2.5947	73.413	.92132	9.2933	.31116	42.76	1.0531	-4.1974
#2	2.6000	72.864	.91458	9.3407	.30770	42.50	1.0617	-4.2549
#3	2.6762	72.344	.91822	9.3061	.31146	42.58	1.0505	-4.1988

Sample Name: K1528-05 Acquired: 2/20/2019 16:45:19 Type: Unk
 Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 5115.0
Stddev	30.0
%RSD	.58721

#1	5111.8
#2	5086.7
#3	5146.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3267.3	51813.	5383.5	13.414	2140.9
Stddev	10.6	61.	44.5	.456	7.7
%RSD	.32465	.11712	.82685	3.3981	.35759

#1	3260.2	51746.	5340.2	12.928	2132.2
#2	3262.3	51864.	5381.2	13.833	2146.2
#3	3279.5	51828.	5429.1	13.481	2144.5

Sample Name: K1512-07 Acquired: 2/20/2019 16:49:46 Type: Unk
Method: P4-ICP2(v2881) 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	-.00186	-.00073	.00734	.00319	-.00489	.03399	.01576
Stddev	.00119	.00188	.00110	.00174	.00183	.02234	.00539
%RSD	63.838	256.36	14.936	54.659	37.359	65.718	34.190

#1	-.00052	.00142	.00698	.00154	-.00648	.01129	.01034
#2	-.00279	-.00202	.00857	.00501	-.00531	.05595	.01581
#3	-.00228	-.00159	.00647	.00301	-.00289	.03474	.02112

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00033	4.7769	.01503	.00366	.08415	.23687
Stddev	.00000	.00011	.0086	.00020	.00007	.00121	.00499
%RSD	2.8622	35.192	.17997	1.3352	1.8929	1.4391	2.1045

#1	.00012	-.00037	4.7715	.01490	.00358	.08537	.24177
#2	.00012	-.00041	4.7723	.01527	.00371	.08414	.23181
#3	.00012	-.00019	4.7868	.01493	.00369	.08295	.23704

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19793	1.6599	.67811	.00032	1016.0	.00063	.04875
Stddev	.00121	.0454	.00021	.00020	13.1	.00103	.00016
%RSD	.61124	2.7321	.03113	60.444	1.2912	163.71	.33295

#1	.19807	1.6298	.67828	.00044	1030.1	-.00053	.04858
#2	.19907	1.7120	.67818	.00010	1004.1	.00144	.04891
#3	.19666	1.6377	.67787	.00043	1013.8	.00097	.04877

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	462.80	.00163	F 20.529	F 848.94	4.7071	-.31569	-.00121
Stddev	5.84	.00044	.109	2.83	.0341	.00072	.00053
%RSD	1.2626	26.842	.52891	.33336	.72463	.22721	43.642

#1	468.61	.00189	20.494	849.21	4.7307	-.31617	-.00061
#2	456.93	.00188	20.443	845.99	4.6680	-.31604	-.00144
#3	462.86	.00113	20.651	851.63	4.7227	-.31487	-.00159

Sample Name: K1512-07 Acquired: 2/20/2019 16:49:46 Type: Unk
 Method: P4-ICP2(v2881) 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	.03055	2.657	.05539	5.7961	F<.00000
Stddev	.00062	.005	.00012	.0941	3.6874
%RSD	2.0408	.2029	.22008	1.6242	8.1214
#1	.03119	2.652	.05553	5.7901	-42.132
#2	.02994	2.656	.05532	5.7051	-49.399
#3	.03053	2.663	.05531	5.8931	-44.677
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2421.0	36635.	3798.0	15.742	2416.3
Stddev	9.4	98.	34.3	.808	10.9
%RSD	.38838	.26690	.90432	5.1300	.44952
#1	2413.9	36682.	3779.7	15.785	2410.8
#2	2431.7	36523.	3837.6	14.914	2428.8
#3	2417.5	36701.	3776.6	16.528	2409.2

Sample Name: K1528-06 Acquired: 2/20/2019 16:54:16 Type: Unk
Method: P4-ICP2(v2881) 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	.61038	1.9233	1.2689	1.4736	.38302	301.49	.60280	.15882
Stddev	.00268	.0131	.0031	.0042	.00314	2.57	.00356	.00043
%RSD	.43896	.67894	.24530	.28402	.81866	.85218	.59123	.26820
#1	.60782	1.9180	1.2697	1.4710	.37946	298.64	.60009	.15839
#2	.61317	1.9136	1.2655	1.4784	.38421	302.19	.60684	.15882
#3	.61016	1.9381	1.2716	1.4713	.38538	303.64	.60148	.15924
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23807	347.35	.35418	.43535	.34126	202.21	8.0211	60.898
Stddev	.00093	1.65	.00119	.00087	.00101	.53	.0415	.301
%RSD	.38906	.47395	.33721	.20033	.29712	.26430	.51697	.49428
#1	.23868	345.45	.35280	.43538	.34149	201.76	7.9976	60.595
#2	.23701	348.38	.35479	.43446	.34213	202.80	8.0689	60.902
#3	.23852	348.21	.35494	.43621	.34014	202.07	7.9967	61.197
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78403	.03557	54.203	.55734	1.2493	39.569	.33559	.48118
Stddev	.00362	.00015	.155	.00081	.0047	.038	.00017	.00825
%RSD	.46117	.43365	.28586	.14589	.37766	.09703	.05162	1.7143
#1	.78250	.03572	54.026	.55647	1.2506	39.528	.33564	.47680
#2	.78142	.03559	54.315	.55746	1.2440	39.577	.33573	.49069
#3	.78816	.03541	54.268	.55808	1.2531	39.603	.33539	.47604
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7458	F 72.274	.93395	9.5526	.31884	F 43.33	1.0703	<.00000
Stddev	.0076	.312	.00425	.0512	.00148	.16	.0049	.19690
%RSD	.27547	.43140	.45524	.53617	.46506	.3688	.45345	4.7216
#1	2.7437	72.442	.93273	9.4962	.31960	43.38	1.0652	-3.9528
#2	2.7542	72.465	.93045	9.5962	.31980	43.15	1.0748	-4.2211
#3	2.7395	71.914	.93868	9.5654	.31713	43.46	1.0708	-4.3366

Sample Name: K1528-06 Acquired: 2/20/2019 16:54:16 Type: Unk
 Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 5163.6
 Stddev 15.2
 %RSD .29483

#1 5153.0
 #2 5181.0
 #3 5156.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3254.4	51542.	5373.1	13.146	2113.7
Stddev	16.6	241.	43.3	1.054	8.5
%RSD	.51006	.46790	.80636	8.0139	.40314

#1	3239.0	51340.	5336.6	11.932	2103.9
#2	3252.3	51478.	5361.7	13.683	2119.8
#3	3272.0	51809.	5421.0	13.822	2117.2

Sample Name: K1528-01A Acquired: 2/20/2019 16:58:44 Type: Unk
Method: P4-ICP2(v2881) 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	.61107	1.9271	1.2715	1.4641	.38430	300.67	.60080	.16000
Stddev	.00170	.0096	.0066	.0062	.00281	2.79	.00800	.00086
%RSD	.27743	.50042	.51898	.41985	.73238	.92906	1.3318	.53520
#1	.60938	1.9275	1.2778	1.4639	.38387	297.45	.60174	.15901
#2	.61277	1.9365	1.2720	1.4581	.38730	302.42	.59236	.16049
#3	.61106	1.9172	1.2646	1.4704	.38173	302.15	.60828	.16050
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23872	348.87	.35734	.43587	.34211	205.15	8.1261	61.445
Stddev	.00111	3.76	.00128	.00018	.00085	2.35	.0130	.740
%RSD	.46347	1.0777	.35829	.04179	.24810	1.1437	.15959	1.2051
#1	.23997	347.29	.35600	.43599	.34116	204.67	8.1126	61.050
#2	.23833	346.16	.35856	.43566	.34281	203.07	8.1385	60.987
#3	.23786	353.16	.35744	.43597	.34235	207.69	8.1270	62.300
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78625	.03599	54.967	.55991	1.2480	39.467	.33510	.46792
Stddev	.00169	.00042	.304	.00172	.0040	.337	.00081	.01189
%RSD	.21484	1.1666	.55312	.30676	.31926	.85451	.24084	2.5407
#1	.78764	.03551	54.976	.55828	1.2515	39.454	.33498	.47535
#2	.78673	.03614	54.658	.55975	1.2488	39.137	.33436	.45421
#3	.78437	.03631	55.266	.56170	1.2436	39.811	.33596	.47420
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6237	F 73.174	.93694	9.4902	.31752	F 43.33	1.0595	<.00000
Stddev	.0222	.818	.00164	.1100	.00147	.13	.0112	.07484
%RSD	.84736	1.1178	.17455	1.1592	.46260	.2909	1.0556	1.8040
#1	2.5988	73.428	.93729	9.4553	.31855	43.44	1.0549	-4.2220
#2	2.6415	72.259	.93837	9.4019	.31818	43.36	1.0514	-4.0724
#3	2.6307	73.835	.93516	9.6134	.31584	43.19	1.0723	-4.1508

Sample Name: K1528-01A Acquired: 2/20/2019 16:58:44 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 5156.1
Stddev 48.4
%RSD .93821

#1 5159.5
#2 5106.1
#3 5202.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3263.3	51567.	5371.6	12.231	2115.5
Stddev	4.9	89.	49.5	.983	9.0
%RSD	.15006	.17217	.92116	8.0408	.42727

#1	3257.7	51594.	5340.9	12.904	2105.8
#2	3265.9	51468.	5428.7	11.102	2117.0
#3	3266.3	51639.	5345.3	12.686	2123.7

Sample Name: K1528-02 Acquired: 2/20/2019 17:03:13 Type: Unk
Method: P4-ICP2(v2881) 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	.01199	-.17462	.81996	-.01268	-.01839	365.70	.89745	.01052
Stddev	.00034	.00438	.00455	.00368	.00151	3.28	.00304	.00019
%RSD	2.8555	2.5065	.55477	28.996	8.2136	.89682	.33914	1.7693
#1	.01162	-.17686	.82463	-.01610	-.01764	361.92	.89423	.01071
#2	.01208	-.17742	.81971	-.00879	-.01740	367.44	.90028	.01052
#3	.01228	-.16957	.81554	-.01316	-.02012	367.75	.89783	.01034
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03379	213.64	.11289	.26976	.23479	255.49	9.3108	64.735
Stddev	.00006	1.26	.00032	.00099	.00107	1.53	.0662	.216
%RSD	.18604	.58895	.28451	.36636	.45639	.59884	.71083	.33344
#1	.03385	212.29	.11317	.27050	.23464	254.25	9.2488	64.488
#2	.03372	214.78	.11295	.26864	.23380	255.03	9.3031	64.887
#3	.03381	213.85	.11254	.27013	.23593	257.20	9.3804	64.831
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30296	-.02785	68.206	.40952	1.8353	27.160	.00131	.18552
Stddev	.00301	.00047	.152	.00469	.0054	.081	.00007	.01043
%RSD	.99192	1.6819	.22304	1.1444	.29233	.29825	5.5617	5.6230
#1	.30193	-.02753	68.117	.40482	1.8392	27.133	.00140	.17431
#2	.30061	-.02839	68.382	.41419	1.8292	27.251	.00128	.18732
#3	.30634	-.02763	68.119	.40954	1.8376	27.096	.00127	.19493
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.270	F 67.754	.08023	7.1424	.16995	F 33.45	.96930	<.00000
Stddev	.030	.059	.00214	.0199	.00119	.15	.00658	.15621
%RSD	.24703	.08676	2.6726	.27829	.69950	.4366	.67874	2.2927
#1	12.270	67.749	.08226	7.1194	.16965	33.49	.96798	-6.8764
#2	12.239	67.815	.08045	7.1543	.16894	33.29	.97645	-6.9283
#3	12.300	67.698	.07799	7.1534	.17126	33.57	.96349	-6.6355

Sample Name: K1528-02 Acquired: 2/20/2019 17:03:13 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 7394.5
Stddev 31.5
%RSD .42561

#1 7392.4
#2 7364.2
#3 7427.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3445.3	53691.	5617.4	13.081	2108.2
Stddev	8.1	84.	20.6	.790	3.3
%RSD	.23478	.15572	.36678	6.0368	.15740

#1	3436.3	53787.	5599.1	13.902	2104.7
#2	3447.7	53632.	5613.4	12.327	2111.3
#3	3452.0	53654.	5639.8	13.012	2108.4

Sample Name: K1528-03 Acquired: 2/20/2019 17:07:48 Type: Unk
Method: P4-ICP2(v2881) 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	-.00256	-.47608	.27266	-.03899	-.02212	457.46	.76711	.01339
Stddev	.00242	.00685	.00567	.00349	.00087	4.00	.00430	.00025
%RSD	94.586	1.4386	2.0792	8.9591	3.9202	.87418	.56089	1.9026

#1	-.00068	-.46928	.27757	-.03794	-.02295	452.92	.76339	.01330
#2	-.00171	-.48298	.26645	-.03615	-.02220	460.44	.77182	.01319
#3	-.00528	-.47598	.27394	-.04289	-.02122	459.03	.76611	.01368

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09120	316.14	.12621	.61183	.21383	243.23	6.7602	77.325
Stddev	.00028	1.16	.00029	.00174	.00091	1.43	.0224	.383
%RSD	.31148	.36574	.22903	.28485	.42710	.58933	.33200	.49560

#1	.09129	315.72	.12623	.61038	.21279	244.27	6.7495	77.311
#2	.09144	317.44	.12649	.61134	.21450	243.83	6.7860	77.715
#3	.09089	315.25	.12591	.61376	.21420	241.59	6.7452	76.949

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64170	-.04535	55.153	.56772	2.7786	34.511	-.00183	-.07596
Stddev	.00074	.00103	.388	.00074	.0034	.247	.00040	.00499
%RSD	.11596	2.2792	.70313	.13003	.12181	.71456	21.640	6.5733

#1	.64208	-.04439	54.859	.56687	2.7779	34.332	-.00214	-.07609
#2	.64084	-.04645	55.592	.56822	2.7823	34.792	-.00197	-.07090
#3	.64218	-.04521	55.007	.56806	2.7757	34.409	-.00138	-.08089

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3842	F 51.427	.10186	F 12.940	.22234	F 119.3	1.1557	<.00000
Stddev	.0584	.254	.00159	.039	.00170	.3	.0046	.22725
%RSD	2.4507	.49319	1.5593	.29836	.76315	.2594	.39546	1.1692

#1	2.4255	51.533	.10332	12.915	.22038	119.4	1.1527	-19.338
#2	2.4098	51.609	.10210	12.985	.22345	119.4	1.1610	-19.274
#3	2.3174	51.137	.10017	12.921	.22317	118.9	1.1534	-19.696

Sample Name: K1528-03 Acquired: 2/20/2019 17:07:48 Type: Unk
 Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 12457.
 Stddev 44.
 %RSD .35600

#1 12407.
 #2 12488.
 #3 12478.

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4707.9	74379.	7862.1	11.431	1873.0
Stddev	9.4	313.	57.3	2.290	4.7
%RSD	.19898	.42107	.72894	20.033	.25181

#1	4700.4	74423.	7830.6	14.032	1870.5
#2	4704.9	74046.	7827.4	10.541	1870.2
#3	4718.4	74667.	7928.2	9.7199	1878.5

Sample Name: K1528-04 Acquired: 2/20/2019 17:12:19 Type: Unk
Method: P4-ICP2(v2881) 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	-.00365	-.13594	.10167	-.00019	-.01053	227.02	.40277	.00417
Stddev	.00074	.00369	.00146	.00228	.00122	.36	.00320	.00004
%RSD	20.255	2.7158	1.4323	1208.3	11.627	.15907	.79366	.88627

#1	-.00438	-.13955	.10246	.00224	-.01037	226.98	.39986	.00421
#2	-.00367	-.13610	.10256	-.00051	-.00940	226.69	.40226	.00417
#3	-.00290	-.13218	.09999	-.00229	-.01183	227.40	.40619	.00413

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00657	160.10	.06455	.11811	.09528	171.21	6.7941	39.705
Stddev	.00018	.64	.00020	.00048	.00044	.50	.0301	.356
%RSD	2.6703	.40107	.31673	.40622	.46335	.29136	.44283	.89568

#1	.00677	159.39	.06451	.11816	.09561	170.64	6.7639	39.296
#2	.00650	160.26	.06437	.11856	.09544	171.60	6.7943	39.938
#3	.00644	160.65	.06477	.11760	.09478	171.38	6.8241	39.881

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14635	-.01268	38.739	.26358	.62896	34.718	.00016	.15863
Stddev	.00082	.00034	.165	.00236	.00123	.110	.00076	.00883
%RSD	.55799	2.6807	.42636	.89630	.19527	.31779	465.97	5.5691

#1	.14563	-.01306	38.896	.26630	.62982	34.825	-.00068	.14902
#2	.14618	-.01241	38.567	.26238	.62950	34.604	.00037	.16639
#3	.14723	-.01256	38.755	.26206	.62755	34.725	.00080	.16049

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2747	F 84.729	.02747	7.6696	.10157	F 19.61	2.0325	<.00000
Stddev	.0590	.182	.00146	.0545	.00157	.06	.0023	.21013
%RSD	.81153	.21436	5.3165	.71113	1.5465	.3161	.11526	19.046

#1	7.3070	84.525	.02907	7.6095	.10216	19.65	2.0331	-1.3145
#2	7.3105	84.874	.02710	7.6832	.09979	19.64	2.0299	-.89426
#3	7.2066	84.788	.02622	7.7161	.10275	19.53	2.0345	-1.1011

Sample Name: K1528-04 Acquired: 2/20/2019 17:12:19 Type: Unk
 Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3223.4
Stddev	33.8
%RSD	1.0493

#1	3198.8
#2	3262.0
#3	3209.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2968.9	46635.	4646.6	13.127	2312.5
Stddev	21.4	97.	6.1	1.474	10.3
%RSD	.72250	.20810	.13212	11.232	.44699

#1	2961.2	46533.	4640.2	11.425	2307.4
#2	2952.3	46646.	4647.1	14.003	2305.6
#3	2993.1	46726.	4652.4	13.954	2324.4

Sample Name: K1528-07 Acquired: 2/20/2019 17:16:56 Type: Unk
Method: P4-ICP2(v2881) 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	-.00348	-.37340	.19573	-.02435	-.01875	407.49	.76278	.01093
Stddev	.00360	.00500	.00191	.00250	.00184	2.57	.00551	.00020
%RSD	103.67	1.3392	.97834	10.276	9.8324	.63100	.72210	1.8260
#1	.00040	-.36789	.19476	-.02540	-.01770	405.61	.76780	.01108
#2	-.00673	-.37466	.19449	-.02616	-.02088	406.45	.76365	.01101
#3	-.00409	-.37765	.19793	-.02150	-.01767	410.42	.75689	.01071
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05335	269.90	.12045	.34923	.18164	241.00	8.3672	73.633
Stddev	.00026	1.08	.00068	.00036	.00094	1.82	.0426	.205
%RSD	.48489	.39905	.56156	.10187	.51923	.75543	.50902	.27802
#1	.05311	270.96	.11967	.34962	.18063	242.88	8.3585	73.857
#2	.05331	269.93	.12083	.34911	.18249	240.88	8.3297	73.457
#3	.05363	268.80	.12084	.34894	.18180	239.25	8.4135	73.583
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44060	-.03494	50.682	.47726	1.9176	38.706	-.00078	-.02564
Stddev	.00088	.00024	.461	.00307	.0088	.292	.00064	.01212
%RSD	.20014	.68577	.90864	.64374	.46099	.75451	82.004	47.290
#1	.44162	-.03467	51.209	.48015	1.9156	39.042	-.00145	-.02674
#2	.44005	-.03504	50.478	.47759	1.9098	38.520	-.00069	-.01300
#3	.44013	-.03512	50.359	.47404	1.9272	38.555	-.00019	-.03717
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8050	F 56.692	.07233	F 13.252	.19755	F 75.06	2.6049	<.00000
Stddev	.1351	.475	.00125	.062	.00043	.29	.0153	.29310
%RSD	1.7307	.83839	1.7268	.47083	.21865	.3921	.58881	2.3362
#1	7.7992	57.148	.07367	13.312	.19794	75.02	2.6215	-12.848
#2	7.9428	56.730	.07119	13.258	.19762	74.79	2.6018	-12.526
#3	7.6729	56.199	.07214	13.187	.19708	75.37	2.5913	-12.263

Sample Name: K1528-07 Acquired: 2/20/2019 17:16:56 Type: Unk
 Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 9114.9
 Stddev 33.2
 %RSD .36378

#1 9085.6
 #2 9108.1
 #3 9150.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4027.3	63575.	6658.4	12.892	2015.8
Stddev	2.3	115.	80.4	.497	6.0
%RSD	.05713	.18129	1.2071	3.8576	.29919

#1	4029.7	63451.	6573.0	12.756	2012.7
#2	4025.1	63679.	6669.6	13.443	2022.8
#3	4027.2	63595.	6732.6	12.477	2012.0

Sample Name: K1349-09 Acquired: 2/20/2019 17:21:30 Type: Unk
Method: P4-ICP2(v2881) 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	.02197	-.08754	.41477	.00701	-.01075	142.52	.58614	.00628
Stddev	.00496	.00145	.00465	.00277	.00095	.71	.00184	.00011
%RSD	22.552	1.6548	1.1209	39.507	8.8107	.49582	.31390	1.7070
#1	.01920	-.08900	.41880	.00487	-.01088	142.58	.58497	.00624
#2	.01902	-.08750	.40968	.00602	-.00975	141.79	.58518	.00620
#3	.02769	-.08611	.41582	.01014	-.01163	143.19	.58826	.00640
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00552	71.349	.17455	.12581	.36748	203.82	3.9490	55.565
Stddev	.00024	.108	.00222	.00035	.00019	.78	.0089	.239
%RSD	4.3110	.15067	1.2708	.27617	.05225	.38055	.22498	.42989
#1	.00534	71.255	.17690	.12574	.36770	204.72	3.9569	55.323
#2	.00579	71.326	.17249	.12550	.36735	203.39	3.9394	55.570
#3	.00542	71.466	.17426	.12618	.36738	203.37	3.9507	55.801
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25416	-.01241	9.4484	.48269	1.1333	14.830	.00377	.03668
Stddev	.00054	.00075	.0340	.00291	.0060	.080	.00027	.00454
%RSD	.21202	6.0448	.35969	.60358	.52831	.54207	7.1900	12.371
#1	.25409	-.01315	9.4695	.48547	1.1339	14.923	.00371	.03832
#2	.25366	-.01244	9.4092	.48295	1.1270	14.789	.00354	.03155
#3	.25473	-.01165	9.4664	.47966	1.1390	14.778	.00407	.04017
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0605	3.2309	.04065	5.1561	.18233	7.249	.04303	<.00000
Stddev	.0533	.0353	.00102	.0232	.00181	.012	.00129	.25871
%RSD	1.0538	1.0927	2.5070	.45016	.99368	.1617	2.9915	21.299
#1	5.0993	3.2717	.03986	5.1356	.18059	7.253	.04174	-1.0976
#2	4.9997	3.2094	.04028	5.1513	.18217	7.235	.04431	-1.5112
#3	5.0826	3.2117	.04180	5.1813	.18421	7.257	.04305	-1.0351

Sample Name: K1349-09 Acquired: 2/20/2019 17:21:30 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3663.9
Stddev 11.8
%RSD .32174

#1 3675.5
#2 3664.2
#3 3652.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2969.0	46267.	4515.1	13.287	2459.5
Stddev	14.3	89.	14.5	1.209	15.2
%RSD	.48189	.19216	.32218	9.0960	.61938

#1	2970.0	46209.	4505.9	11.891	2457.3
#2	2982.8	46369.	4507.5	13.995	2475.7
#3	2954.3	46222.	4531.9	13.974	2445.5

Sample Name: K1349-09DUP Acquired: 2/20/2019 17:25:56 Type: Unk
Method: P4-ICP2(v2881) 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	.02488	-.09092	.41702	.00637	-.01022	143.87	.58450	.00650
Stddev	.00103	.00086	.00380	.00360	.00219	.35	.00324	.00010
%RSD	4.1591	.94151	.91075	56.547	21.385	.24209	.55381	1.5949
#1	.02470	-.09108	.41768	.00959	-.00828	143.74	.58816	.00659
#2	.02600	-.09169	.41294	.00704	-.00979	143.60	.58332	.00639
#3	.02395	-.09000	.42045	.00248	-.01259	144.26	.58202	.00653
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00609	70.957	.17370	.12627	.36488	200.70	3.9519	54.995
Stddev	.00006	.135	.00186	.00034	.00096	.86	.0052	.118
%RSD	.95483	.19087	1.0702	.27146	.26252	.42629	.13188	.21535
#1	.00603	71.113	.17480	.12662	.36419	201.44	3.9543	55.004
#2	.00610	70.881	.17474	.12594	.36597	200.90	3.9554	54.873
#3	.00614	70.876	.17155	.12627	.36447	199.76	3.9459	55.109
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25406	-.01292	9.4450	.48246	1.1386	14.814	.00337	.03927
Stddev	.00046	.00054	.0681	.00347	.0047	.031	.00014	.00705
%RSD	.18180	4.1953	.72099	.71985	.41637	.20997	4.2524	17.948
#1	.25418	-.01317	9.5025	.48463	1.1341	14.840	.00347	.04336
#2	.25355	-.01330	9.4626	.48430	1.1382	14.822	.00321	.04333
#3	.25445	-.01230	9.3698	.47846	1.1435	14.779	.00343	.03113
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0279	3.1824	.04170	5.1581	.18146	7.267	.04663	<.00000
Stddev	.0504	.0663	.00025	.0129	.00068	.019	.00081	.14411
%RSD	1.0026	2.0842	.59530	.25064	.37281	.2617	1.7346	13.882
#1	5.0461	3.2034	.04152	5.1442	.18190	7.283	.04639	-.93256
#2	4.9709	3.2357	.04159	5.1698	.18068	7.246	.04597	-1.2023
#3	5.0667	3.1082	.04198	5.1602	.18181	7.272	.04753	-.97952

Sample Name: K1349-09DUP Acquired: 2/20/2019 17:25:56 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3621.0
Stddev 5.3
%RSD .14588

#1 3626.3
#2 3621.0
#3 3615.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2927.6	45857.	4529.7	14.747	2424.0
Stddev	14.6	172.	32.8	1.765	7.3
%RSD	.49705	.37577	.72437	11.969	.30271

#1	2943.2	45658.	4496.7	13.225	2432.3
#2	2914.4	45955.	4530.1	14.335	2421.3
#3	2925.1	45958.	4562.3	16.682	2418.4

Sample Name: CCV06 Acquired: 2/20/2019 17:30:22 Type: Unk
Method: P4-ICP2(v2881) 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	5.1473	4.8469	4.8824	5.0431	5.0906	9.9490	9.7267
Stddev	.0359	.0296	.0175	.0415	.0377	.0381	.0662
%RSD	.69782	.61000	.35834	.82330	.74162	.38325	.68035

#1	5.1653	4.8485	4.8890	5.0693	5.1113	9.9112	9.7430
#2	5.1706	4.8756	4.8957	5.0649	5.1135	9.9875	9.7832
#3	5.1059	4.8166	4.8626	4.9953	5.0470	9.9484	9.6539

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24382	2.3863	24.071	.96889	2.4358	1.2450	4.7203
Stddev	.00041	.0120	.115	.00082	.0096	.0076	.0237
%RSD	.16891	.50472	.47639	.08498	.39428	.61460	.50260

#1	.24366	2.3889	24.125	.96796	2.4388	1.2467	4.7055
#2	.24428	2.3969	24.149	.96953	2.4436	1.2516	4.7477
#3	.24351	2.3732	23.940	.96918	2.4251	1.2366	4.7078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4330	24.463	2.4342	1.2418	23.770	2.4123	2.4635
Stddev	.0023	.126	.0112	.0032	.181	.0006	.0116
%RSD	.09633	.51448	.45968	.25708	.76000	.02688	.47181

#1	2.4303	24.319	2.4370	1.2417	23.827	2.4116	2.4655
#2	2.4344	24.552	2.4437	1.2387	23.916	2.4126	2.4740
#3	2.4343	24.518	2.4219	1.2450	23.568	2.4128	2.4510

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.915	5.0274	4.8098	4.7850	5.4718	4.8559	4.9459
Stddev	.246	.0374	.0321	.0449	.0299	.0309	.0300
%RSD	1.0270	.74429	.66820	.93858	.54703	.63606	.60631

#1	23.915	5.0395	4.7790	4.8209	5.5001	4.8747	4.9128
#2	24.160	5.0572	4.8431	4.7995	5.4749	4.8202	4.9713
#3	23.669	4.9854	4.8072	4.7346	5.4405	4.8728	4.9537

Sample Name: CCV06 Acquired: 2/20/2019 17:30:22 Type: Unk
 Method: P4-ICP2(v2881) 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	4.7926	4.926	4.8465	F 5.8950	F<.00000
Stddev	.0300	.011	.0335	.0584	2.5131
%RSD	.62551	.2183	.69195	.98999	36.938
#1	4.8069	4.937	4.8541	5.9529	-5.1285
#2	4.8128	4.916	4.8755	5.8362	-5.5889
#3	4.7582	4.923	4.8098	5.8960	-9.6932
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2369.2	36869.	3592.5	13.486	2512.7
Stddev	15.7	28.	18.4	1.047	11.0
%RSD	.66297	.07492	.51098	7.7674	.43919
#1	2364.8	36881.	3592.2	14.251	2508.2
#2	2356.2	36838.	3574.3	13.914	2504.6
#3	2386.7	36889.	3611.0	12.292	2525.3

Sample Name: CCB06 Acquired: 2/20/2019 17:34:21 Type: Unk
Method: P4-ICP2(v2881) 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	-.00116	.00091	.00100	-.00122	.00090	.00862
Stddev	.00213	.00282	.00025	.00268	.00063	.00133	.00301
%RSD	72.584	243.20	26.876	268.22	51.895	149.10	34.927

#1	-.00537	-.00336	.00119	-.00013	-.00074	.00034	.01062
#2	-.00196	.00201	.00080	-.00093	-.00098	.00242	.00516
#3	-.00146	-.00213	.00074	.00406	-.00193	-.00007	.01009

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00012	.00786	.00002	.00024	-.00041	-.00160
Stddev	.00006	.00007	.00708	.00043	.00002	.00009	.00167
%RSD	167.29	55.199	90.052	1931.4	7.4364	21.966	104.35

#1	-.00010	-.00010	.01011	.00049	.00023	-.00037	.00005
#2	.00002	-.00007	-.00007	-.00036	.00022	-.00035	-.00329
#3	-.00002	-.00020	.01354	-.00006	.00025	-.00051	-.00157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00157	-.00040	.00010	.04689	.00011	.00007
Stddev	.00006	.03150	.00034	.00035	.00911	.00047	.00011
%RSD	337.17	2000.8	83.893	361.54	19.432	425.87	146.50

#1	.00003	.01207	-.00006	.00035	.03640	-.00003	.00018
#2	-.00009	.02649	-.00040	-.00031	.05282	-.00027	-.00003
#3	.00000	-.03384	-.00074	.00026	.05146	.00063	.00007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21328	-.00004	-.00091	F .04916	.02467	.00075	-.00140
Stddev	.01891	.00011	.00878	.00117	.00154	.00068	.00189
%RSD	8.8649	267.58	967.87	2.3789	6.2366	90.768	135.57

#1	.20686	-.00002	.00857	.04938	.02638	.00154	-.00308
#2	.23456	.00005	-.00252	.05020	.02423	.00030	-.00176
#3	.19842	-.00016	-.00877	.04789	.02340	.00042	.00065

Sample Name: CCB06 Acquired: 2/20/2019 17:34:21 Type: Unk
 Method: P4-ICP2(v2881) 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	.00317	-.0006	.00010	F 4.4471	F<.00000
Stddev	.00228	.0018	.00006	.2403	2.5687
%RSD	71.989	313.4	54.612	5.4039	44.323
#1	.00565	.0005	.00017	4.7116	-7.7824
#2	.00270	-.0027	.00007	4.3873	-2.8948
#3	.00116	.0004	.00007	4.2423	-6.7087
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2453.3	38973.	3555.5	14.356	2826.9
Stddev	7.9	180.	29.2	.850	12.8
%RSD	.32165	.46118	.82096	5.9188	.45214
#1	2444.3	38767.	3523.6	13.727	2812.8
#2	2456.8	39058.	3580.9	15.323	2830.2
#3	2458.9	39095.	3561.9	14.018	2837.7

Sample Name: K1349-09LX5 Acquired: 2/20/2019 17:38:48 Type: Unk
Method: P4-ICP2(v2881) 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	.00578	-.01950	.08352	.00703	-.00554	34.219	.14953	.00117
Stddev	.00373	.00080	.00109	.00246	.00247	.096	.00508	.00009
%RSD	64.508	4.1050	1.3061	35.029	44.646	.28032	3.3994	7.5510
#1	.00241	-.01881	.08356	.00944	-.00269	34.109	.15039	.00118
#2	.00515	-.02037	.08459	.00452	-.00715	34.266	.14408	.00126
#3	.00979	-.01931	.08241	.00713	-.00678	34.282	.15413	.00108
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00155	17.994	.04341	.02571	.09412	59.963	1.0014	13.908
Stddev	.00002	.097	.00060	.00012	.00053	.521	.0003	.074
%RSD	1.4576	.53881	1.3863	.48269	.55873	.86947	.03284	.53177
#1	-.00153	18.011	.04346	.02580	.09465	60.237	1.0010	13.881
#2	-.00157	17.889	.04398	.02557	.09360	59.362	1.0016	13.851
#3	-.00154	18.081	.04278	.02576	.09411	60.291	1.0015	13.992
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05134	-.00213	2.3903	.11924	.22624	3.8160	.00040	.01919
Stddev	.00043	.00032	.0108	.00136	.00039	.0013	.00024	.00591
%RSD	.83208	14.885	.45015	1.1392	.17220	.03338	59.532	30.778
#1	.05156	-.00244	2.3944	.11891	.22666	3.8174	.00016	.02401
#2	.05162	-.00216	2.3781	.12073	.22616	3.8148	.00040	.02096
#3	.05085	-.00180	2.3984	.11807	.22590	3.8158	.00064	.01260
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0240	.82263	.00916	1.2872	.04439	1.454	.00141	3.8499
Stddev	.0095	.01512	.00010	.0092	.00152	.002	.00044	.0311
%RSD	.93142	1.8379	1.1058	.71752	3.4203	.1139	31.071	.80862
#1	1.0318	.83846	.00928	1.2922	.04610	1.456	.00113	3.8194
#2	1.0133	.82108	.00910	1.2766	.04320	1.453	.00191	3.8487
#3	1.0268	.80834	.00912	1.2929	.04387	1.455	.00118	3.8816

Sample Name: K1349-09LX5 Acquired: 2/20/2019 17:38:48 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 720.91
Stddev 5.37
%RSD .74451

#1 725.00
#2 722.89
#3 714.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2556.2	40019.	3793.0	14.209	2656.2
Stddev	6.0	45.	40.3	1.400	9.0
%RSD	.23527	.11224	1.0620	9.8498	.33781

#1	2554.6	40044.	3767.4	12.834	2662.5
#2	2562.8	39967.	3839.4	15.632	2660.2
#3	2551.2	40046.	3772.2	14.162	2646.0

Sample Name: K1349-09MS Acquired: 2/20/2019 17:43:07 Type: Unk
Method: P4-ICP2(v2881) 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	.77460	2.1266	2.4451	1.8246	.19369	153.19	.75185	.19258
Stddev	.00398	.0047	.0023	.0070	.00188	.90	.00644	.00026
%RSD	.51331	.21923	.09233	.38629	.97192	.58462	.85636	.13285
#1	.77231	2.1214	2.4458	1.8292	.19158	154.16	.75373	.19286
#2	.77919	2.1283	2.4468	1.8280	.19519	152.39	.75713	.19235
#3	.77230	2.1302	2.4425	1.8164	.19429	153.02	.74468	.19254
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22612	88.806	.53115	.35516	.59311	197.02	3.7194	65.379
Stddev	.00049	.233	.00222	.00089	.00082	1.16	.0074	.068
%RSD	.21763	.26292	.41808	.25073	.13853	.58816	.20001	.10328
#1	.22668	88.720	.53332	.35540	.59402	197.10	3.7274	65.434
#2	.22577	89.070	.53124	.35591	.59288	198.14	3.7180	65.399
#3	.22589	88.628	.52888	.35418	.59243	195.83	3.7128	65.304
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79828	.05609	12.742	.72709	1.3686	24.719	.37129	.30082
Stddev	.00096	.00030	.058	.00224	.0034	.047	.00193	.01008
%RSD	.11986	.53376	.45217	.30810	.24691	.18930	.51878	3.3515
#1	.79751	.05598	12.762	.72896	1.3670	24.770	.37319	.30928
#2	.79935	.05643	12.786	.72772	1.3725	24.710	.37134	.28966
#3	.79798	.05586	12.677	.72461	1.3664	24.678	.36934	.30351
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9601	3.1383	.80443	5.6769	.37842	F 14.17	.26997	.23981
Stddev	.0449	.0023	.00101	.0149	.00307	.04	.00078	.13164
%RSD	.75346	.07411	.12511	.26239	.81257	.2541	.28813	54.891
#1	5.9745	3.1407	.80529	5.6597	.37594	14.14	.27083	.38908
#2	5.9960	3.1360	.80467	5.6855	.38186	14.21	.26931	.19003
#3	5.9097	3.1381	.80332	5.6855	.37746	14.16	.26979	.14033

Sample Name: K1349-09MS Acquired: 2/20/2019 17:43:07 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3478.8
Stddev	10.9
%RSD	.31279

#1	3488.0
#2	3481.6
#3	3466.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2869.5	44435.	4411.9	14.915	2367.4
Stddev	13.5	228.	25.2	1.275	8.9
%RSD	.46917	.51297	.57028	8.5460	.37754

#1	2864.3	44186.	4416.2	16.117	2369.2
#2	2859.3	44484.	4384.9	15.049	2357.7
#3	2884.7	44634.	4434.7	13.579	2375.2

Sample Name: K1349-09MSD Acquired: 2/20/2019 17:47:27 Type: Unk
Method: P4-ICP2(v2881) 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	.77244	2.1197	2.4599	1.8139	.19338	153.62	.75239	.19328
Stddev	.00249	.0139	.0197	.0118	.00165	.31	.00239	.00064
%RSD	.32294	.65546	.79979	.64762	.85331	.20438	.31753	.33081
#1	.77504	2.1318	2.4767	1.8204	.19234	153.27	.75355	.19388
#2	.77006	2.1045	2.4383	1.8003	.19528	153.73	.74965	.19335
#3	.77223	2.1227	2.4648	1.8208	.19251	153.87	.75399	.19260
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22515	89.496	.53453	.35251	.58817	197.01	3.7215	65.499
Stddev	.00239	.055	.00243	.00274	.00495	.79	.0092	.208
%RSD	1.0617	.06143	.45400	.77655	.84229	.40048	.24643	.31746
#1	.22734	89.433	.53659	.35449	.59209	197.00	3.7301	65.467
#2	.22260	89.530	.53186	.34938	.58260	196.23	3.7118	65.309
#3	.22551	89.526	.53515	.35365	.58982	197.81	3.7225	65.721
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79491	.05583	12.799	.72750	1.3639	24.741	.36971	.30853
Stddev	.00607	.00063	.058	.00103	.0097	.108	.00208	.00880
%RSD	.76411	1.1289	.45449	.14165	.71313	.43687	.56214	2.8533
#1	.80031	.05570	12.743	.72744	1.3714	24.621	.37072	.31712
#2	.78833	.05527	12.795	.72651	1.3529	24.831	.36732	.30893
#3	.79608	.05651	12.859	.72857	1.3674	24.770	.37110	.29953
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0030	3.1263	.80367	5.6403	.37876	F 14.10	.27188	.35836
Stddev	.0833	.0110	.00820	.0110	.00328	.07	.00140	.13324
%RSD	1.3872	.35118	1.0202	.19458	.86504	.5199	.51606	37.180
#1	6.0889	3.1157	.81235	5.6276	.37681	14.16	.27231	.45491
#2	5.9227	3.1376	.79606	5.6461	.38255	14.02	.27301	.20635
#3	5.9975	3.1255	.80260	5.6472	.37694	14.11	.27031	.41383

Sample Name: K1349-09MSD Acquired: 2/20/2019 17:47:27 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3473.1
Stddev 17.7
%RSD .50971

#1 3474.7
#2 3489.9
#3 3454.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2884.0	44312.	4399.6	14.141	2375.0
Stddev	16.4	163.	14.7	.717	16.1
%RSD	.56977	.36854	.33307	5.0733	.67763

#1	2870.5	44184.	4397.8	13.905	2361.3
#2	2902.3	44496.	4415.0	14.947	2392.7
#3	2879.3	44255.	4385.9	13.572	2371.1

Sample Name: K1349-09A Acquired: 2/20/2019 17:51:47 Type: Unk
Method: P4-ICP2(v2881) 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	.77617	2.1294	2.7652	1.8210	.19222	152.34	.75450	.19378
Stddev	.00275	.0072	.0097	.0060	.00065	1.57	.00529	.00107
%RSD	.35425	.33587	.35155	.33111	.33925	1.0302	.70068	.55299
#1	.77430	2.1376	2.7761	1.8251	.19282	150.64	.74842	.19318
#2	.77488	2.1247	2.7618	1.8140	.19232	153.73	.75808	.19501
#3	.77932	2.1258	2.7575	1.8237	.19153	152.65	.75699	.19314
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22625	93.573	.53264	.35313	.59705	195.13	3.7222	65.895
Stddev	.00046	.424	.00231	.00090	.00083	.83	.0138	.113
%RSD	.20246	.45326	.43312	.25409	.13977	.42780	.37033	.17194
#1	.22678	93.088	.53026	.35416	.59799	195.47	3.7085	65.766
#2	.22602	93.877	.53487	.35251	.59642	194.18	3.7360	65.938
#3	.22596	93.753	.53277	.35273	.59673	195.75	3.7222	65.980
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79770	.05587	12.747	.71972	1.3997	24.145	.37258	.29772
Stddev	.00313	.00084	.054	.00382	.0072	.108	.00106	.01157
%RSD	.39216	1.4964	.42626	.53041	.51138	.44828	.28324	3.8877
#1	.80105	.05501	12.724	.71629	1.4067	24.132	.37349	.28439
#2	.79720	.05593	12.809	.72383	1.3924	24.259	.37143	.30522
#3	.79485	.05668	12.708	.71904	1.4000	24.044	.37283	.30356
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0110	3.0859	.80720	5.4758	.37845	F 14.06	.27850	.22094
Stddev	.0210	.0289	.00294	.0157	.00150	.06	.00235	.09514
%RSD	.34956	.93697	.36456	.28704	.39679	.3923	.84546	43.064
#1	6.0182	3.1178	.80959	5.4650	.37984	14.12	.27772	.11978
#2	6.0275	3.0786	.80810	5.4939	.37864	14.01	.28115	.30864
#3	5.9873	3.0614	.80391	5.4687	.37686	14.04	.27664	.23439

Sample Name: K1349-09A Acquired: 2/20/2019 17:51:47 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3409.3
Stddev	23.5
%RSD	.68817

#1	3408.8
#2	3386.1
#3	3433.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2878.2	44396.	4397.0	13.378	2370.1
Stddev	16.3	238.	14.4	1.019	11.9
%RSD	.56782	.53656	.32708	7.6141	.50223

#1	2862.6	44611.	4381.8	14.475	2357.3
#2	2895.2	44140.	4399.0	13.197	2380.8
#3	2876.6	44436.	4410.3	12.462	2372.3

Sample Name: K1349-11 Acquired: 2/20/2019 17:56:07 Type: Unk
Method: P4-ICP2(v2881) 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	.01600	-.08296	.26311	.00677	-.01182	136.95	.59079	.00681
Stddev	.00305	.00270	.00357	.00206	.00211	.89	.00736	.00010
%RSD	19.076	3.2522	1.3569	30.443	17.874	.64890	1.2465	1.4587
#1	.01381	-.08018	.26120	.00908	-.01388	135.98	.59795	.00682
#2	.01471	-.08311	.26091	.00511	-.00966	137.13	.58324	.00691
#3	.01949	-.08557	.26723	.00614	-.01192	137.73	.59119	.00671
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00300	68.922	.18829	.12401	.28036	192.65	3.9999	58.263
Stddev	.00023	.327	.00111	.00022	.00095	2.63	.0091	.388
%RSD	7.5213	.47405	.58715	.17435	.33920	1.3647	.22800	.66628
#1	.00302	69.166	.18909	.12410	.28018	195.23	3.9950	58.505
#2	.00322	68.551	.18703	.12376	.28139	189.97	3.9943	57.815
#3	.00277	69.049	.18876	.12417	.27952	192.75	4.0104	58.469
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23032	-.01259	11.277	.42993	.71334	15.291	.00296	.01361
Stddev	.00246	.00040	.082	.00264	.00270	.116	.00018	.01289
%RSD	1.0695	3.1608	.72274	.61471	.37835	.76011	6.2305	94.724
#1	.23020	-.01237	11.368	.43297	.71115	15.378	.00282	.02613
#2	.22792	-.01234	11.210	.42818	.71251	15.159	.00317	.00037
#3	.23285	-.01305	11.252	.42863	.71636	15.335	.00289	.01433
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4866	3.5737	.02765	4.8521	.14847	7.018	.04746	<.00000
Stddev	.0219	.0444	.00052	.0150	.00048	.025	.00145	.14399
%RSD	.62903	1.2410	1.8712	.30883	.32236	.3593	3.0566	39.960
#1	3.5099	3.6120	.02823	4.8395	.14792	7.032	.04641	-.51806
#2	3.4664	3.5840	.02745	4.8481	.14874	6.988	.04911	-.23589
#3	3.4835	3.5251	.02725	4.8686	.14876	7.032	.04685	-.32709

Sample Name: K1349-11 Acquired: 2/20/2019 17:56:07 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3267.2
Stddev 19.4
%RSD .59360

#1 3245.7
#2 3272.5
#3 3283.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2916.3	44733.	4419.0	14.343	2423.0
Stddev	8.8	54.	44.1	.802	9.2
%RSD	.30323	.12182	.99719	5.5912	.37884

#1	2922.8	44674.	4369.0	14.769	2427.8
#2	2919.9	44781.	4452.4	13.418	2428.8
#3	2906.2	44744.	4435.6	14.842	2412.4

Sample Name: K1527-01 Acquired: 2/20/2019 18:00:33 Type: Unk
Method: P4-ICP2(v2881) 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	.06355	-.08285	.29166	.00518	-.01123	172.82	.57958	.00721
Stddev	.00520	.00135	.00379	.00033	.00197	1.07	.00547	.00005
%RSD	8.1810	1.6294	1.3010	6.3522	17.559	.62015	.94309	.64475
#1	.06013	-.08254	.29138	.00500	-.01204	171.78	.58017	.00726
#2	.06954	-.08169	.28801	.00556	-.00898	172.75	.57384	.00717
#3	.06099	-.08433	.29558	.00498	-.01267	173.92	.58473	.00720
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00387	26.295	.42576	.14747	.33045	257.98	1.5600	46.153
Stddev	.00016	.129	.00574	.00077	.00085	1.66	.0031	.178
%RSD	4.0534	.49209	1.3478	.52092	.25870	.64395	.20132	.38674
#1	.00403	26.315	.42670	.14667	.33076	258.94	1.5582	46.291
#2	.00388	26.157	.41962	.14821	.32948	256.06	1.5582	45.951
#3	.00371	26.414	.43098	.14753	.33110	258.93	1.5637	46.216
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23040	-.01737	2.3413	.48847	.59060	26.590	.00575	.04211
Stddev	.00183	.00070	.0160	.00308	.00253	.177	.00017	.00644
%RSD	.79217	4.0157	.68448	.63142	.42784	.66544	2.9495	15.297
#1	.22872	-.01660	2.3403	.48596	.59344	26.794	.00561	.03698
#2	.23014	-.01753	2.3578	.48754	.58976	26.494	.00571	.04001
#3	.23234	-.01797	2.3258	.49191	.58861	26.481	.00594	.04934
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.679	3.4293	.04139	5.0943	.14137	6.999	-.19590	<.00000
Stddev	.045	.0355	.00090	.0151	.00178	.015	.00216	.07940
%RSD	.32825	1.0360	2.1686	.29647	1.2560	.2161	1.1005	10.061
#1	13.694	3.4281	.04037	5.0770	.14325	6.983	-.19717	-.87927
#2	13.629	3.3944	.04205	5.1050	.14115	7.014	-.19341	-.72910
#3	13.715	3.4654	.04174	5.1009	.13972	7.000	-.19712	-.75943

Sample Name: K1527-01 Acquired: 2/20/2019 18:00:33 Type: Unk
 Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 4481.8
 Stddev 22.4
 %RSD .49985

#1 4461.6
 #2 4478.0
 #3 4505.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2863.5	43585.	4301.2	14.535	2441.8
Stddev	15.0	159.	27.2	.505	8.4
%RSD	.52420	.36470	.63206	3.4753	.34531

#1	2847.0	43571.	4275.4	14.927	2432.0
#2	2876.2	43750.	4329.6	14.713	2447.0
#3	2867.4	43433.	4298.8	13.965	2446.3

Sample Name: K1518-02 Acquired: 2/20/2019 18:05:00 Type: Unk
Method: P4-ICP2(v2881) 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	-.00395	-.00504	.01702	.00015	-.00265	.09350	.24308
Stddev	.00343	.00144	.00122	.00299	.00082	.01635	.00158
%RSD	86.702	28.672	7.1924	2021.1	30.788	17.491	.64922

#1	-.00033	-.00586	.01804	.00343	-.00357	.08370	.24283
#2	-.00437	-.00588	.01735	-.00056	-.00235	.08443	.24477
#3	-.00715	-.00337	.01566	-.00243	-.00203	.11238	.24165

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00522	144.85	.02466	.00057	.01431	.01046
Stddev	.00005	.00003	1.84	.00123	.00007	.00074	.00142
%RSD	2895.7	.57847	1.2712	4.9842	12.641	5.1665	13.617

#1	-.00006	.00518	142.77	.02599	.00058	.01347	.01159
#2	.00003	.00524	146.26	.02356	.00064	.01486	.01093
#3	.00002	.00523	145.52	.02443	.00050	.01461	.00886

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19787	2.4551	.00742	.00025	281.06	.00010	.07508
Stddev	.00224	.0728	.00022	.00072	6.57	.00086	.00015
%RSD	1.1339	2.9641	3.0210	288.37	2.3384	854.68	.19750

#1	.20045	2.3837	.00767	.00072	274.87	-.00032	.07515
#2	.19641	2.4522	.00734	.00060	287.96	.00109	.07491
#3	.19673	2.5292	.00724	-.00058	280.37	-.00047	.07519

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4593	.00152	-.00094	2.0073	3.4965	.00444	-.00283
Stddev	.0127	.00021	.00302	.0496	.0284	.00030	.00147
%RSD	.87265	13.612	320.93	2.4714	.81171	6.8189	51.971

#1	1.4462	.00170	-.00177	2.0456	3.5263	.00415	-.00294
#2	1.4601	.00129	-.00345	2.0251	3.4934	.00476	-.00131
#3	1.4716	.00156	.00241	1.9513	3.4698	.00442	-.00425

Sample Name: K1518-02 Acquired: 2/20/2019 18:05:00 Type: Unk
 Method: P4-ICP2(v2881) 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	.02384	.0085	.33100	6.0356	F<.00000
Stddev	.00074	.0005	.00328	.2369	5.1413
%RSD	3.1057	5.540	.99177	3.9253	10.381

#1	.02456	.0083	.32723	5.7851	-46.548
#2	.02308	.0091	.33260	6.0656	-46.563
#3	.02387	.0082	.33318	6.2561	-55.461

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2278.6	35567.	3583.1	13.197	2427.7
Stddev	6.9	104.	23.1	1.777	7.0
%RSD	.30334	.29269	.64404	13.466	.28655

#1	2286.6	35535.	3603.1	15.247	2435.5
#2	2274.9	35684.	3557.9	12.093	2425.3
#3	2274.3	35484.	3588.4	12.251	2422.2

Sample Name: K1518-04 Acquired: 2/20/2019 18:09:32 Type: Unk
Method: P4-ICP2(v2881) 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	-.00536	-.00414	.31802	.00141	-.00033	.07724	.51084
Stddev	.00321	.00176	.00065	.00369	.00086	.02837	.00231
%RSD	59.984	42.440	.20509	261.25	259.87	36.732	.45200

#1	-.00859	-.00256	.31730	.00212	.00065	.11000	.51228
#2	-.00216	-.00382	.31819	.00470	-.00093	.06079	.50818
#3	-.00532	-.00603	.31857	-.00258	-.00071	.06093	.51207

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00500	89.589	.00562	.00107	.06840	.00248
Stddev	.00005	.00014	.799	.00030	.00006	.00081	.00150
%RSD	250.50	2.7776	.89206	5.3852	5.8700	1.1833	60.218

#1	-.00003	.00489	89.945	.00596	.00114	.06748	.00390
#2	.00004	.00497	88.673	.00537	.00102	.06872	.00092
#3	.00005	.00516	90.148	.00553	.00104	.06901	.00263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15507	2.8566	.00515	-.00013	324.48	-.00065	.48921
Stddev	.00059	.0268	.00016	.00037	6.96	.00052	.00080
%RSD	.37944	.93966	3.0827	292.03	2.1448	80.998	.16279

#1	.15558	2.8730	.00531	.00019	331.06	-.00121	.49013
#2	.15519	2.8711	.00516	-.00003	317.20	-.00018	.48876
#3	.15443	2.8256	.00499	-.00053	325.18	-.00055	.48874

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2986	.00039	-.00158	.56362	1.0950	.00510	-.00232
Stddev	.0318	.00024	.00174	.02294	.0134	.00062	.00304
%RSD	2.4490	61.861	110.33	4.0703	1.2190	12.123	130.88

#1	1.2741	.00049	-.00108	.58357	1.1099	.00464	-.00406
#2	1.3345	.00056	-.00014	.53855	1.0842	.00581	-.00410
#3	1.2870	.00011	-.00351	.56874	1.0908	.00486	.00119

Sample Name: K1518-04 Acquired: 2/20/2019 18:09:32 Type: Unk
 Method: P4-ICP2(v2881) 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	.01867	.0195	.34771	6.0011	F<.00000
Stddev	.00021	.0016	.00271	.0143	7.0564
%RSD	1.1205	8.112	.77875	.23864	15.711

#1	.01890	.0177	.35000	5.9850	-37.551
#2	.01859	.0203	.34472	6.0056	-51.617
#3	.01850	.0205	.34840	6.0125	-45.573

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2290.7	35603.	3586.8	13.477	2428.0
Stddev	10.7	43.	50.4	.379	11.5
%RSD	.46759	.12144	1.4050	2.8106	.47216

#1	2282.3	35585.	3537.2	13.882	2417.2
#2	2287.1	35571.	3637.9	13.131	2426.8
#3	2302.8	35652.	3585.1	13.419	2440.1

Sample Name: K1518-06 Acquired: 2/20/2019 18:14:04 Type: Unk
Method: P4-ICP2(v2881) 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	-.00359	-.00540	.84403	.00055	-.00266	.05739	.39595
Stddev	.00121	.00293	.00256	.00229	.00297	.02534	.00495
%RSD	33.604	54.348	.30323	416.69	111.86	44.149	1.2491

#1	-.00473	-.00203	.84235	.00146	.00009	.08661	.39087
#2	-.00233	-.00682	.84277	-.00205	-.00225	.04388	.40075
#3	-.00370	-.00736	.84698	.00224	-.00581	.04167	.39623

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00337	54.398	.00063	.00176	.10631	.00096
Stddev	.00008	.00005	.364	.00044	.00019	.00065	.00209
%RSD	153.06	1.5874	.66988	69.648	11.027	.61599	217.42

#1	-.00001	.00332	53.989	.00097	.00154	.10639	-.00144
#2	-.00015	.00336	54.516	.00077	.00190	.10692	.00198
#3	.00000	.00343	54.689	.00014	.00185	.10562	.00234

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20520	1.5142	.00567	-.00021	257.66	-.00013	.83806
Stddev	.00060	.0149	.00025	.00053	2.04	.00045	.00147
%RSD	.29086	.98325	4.3940	255.77	.79343	338.29	.17499

#1	.20452	1.5314	.00566	-.00078	259.75	.00009	.83965
#2	.20540	1.5057	.00592	-.00010	255.66	.00016	.83677
#3	.20566	1.5055	.00542	.00026	257.58	-.00065	.83776

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0505	.00006	-.00854	.53318	.73354	.00324	-.00256
Stddev	.0504	.00029	.00900	.02660	.00979	.00069	.00093
%RSD	4.7987	486.52	105.40	4.9891	1.3342	21.188	36.414

#1	.99660	.00007	-.00121	.54139	.74158	.00274	-.00355
#2	1.0965	.00034	-.01858	.50344	.73641	.00402	-.00241
#3	1.0586	-.00023	-.00583	.55471	.72264	.00295	-.00171

Sample Name: K1518-06 Acquired: 2/20/2019 18:14:04 Type: Unk
 Method: P4-ICP2(v2881) 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	.01230	.0202	.20468	6.0471	F<.00000
Stddev	.00090	.0011	.00049	.0291	1.3615
%RSD	7.2889	5.511	.23698	.48127	3.5492
#1	.01334	.0189	.20519	6.0435	-37.449
#2	.01178	.0205	.20462	6.0200	-37.707
#3	.01179	.0211	.20423	6.0779	-39.925
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2331.2	35766.	3567.2	14.176	2483.7
Stddev	2.7	64.	12.2	1.017	2.8
%RSD	.11564	.17874	.34142	7.1778	.11331
#1	2328.8	35820.	3558.9	13.658	2481.3
#2	2330.6	35696.	3581.2	15.348	2482.9
#3	2334.1	35783.	3561.5	13.522	2486.8

Sample Name: K1518-08 Acquired: 2/20/2019 18:18:33 Type: Unk
Method: P4-ICP2(v2881) 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	-.00176	-.00381	.06773	.00348	-.00047	.06677	.25673
Stddev	.00146	.00147	.00040	.00211	.00108	.00959	.00554
%RSD	83.282	38.569	.58829	60.722	230.61	14.361	2.1593

#1	-.00025	-.00212	.06801	.00341	.00048	.05584	.25110
#2	-.00318	-.00456	.06789	.00141	-.00164	.07375	.25692
#3	-.00184	-.00475	.06727	.00563	-.00024	.07072	.26218

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00136	12.626	.00061	.00750	.01367	1.1059
Stddev	.00003	.00003	.079	.00042	.00028	.00046	.0183
%RSD	13.825	2.0483	.62288	68.826	3.7809	3.3758	1.6556

#1	.00021	.00136	12.536	.00108	.00753	.01413	1.1029
#2	.00028	.00134	12.683	.00045	.00776	.01368	1.0892
#3	.00024	.00139	12.659	.00029	.00720	.01321	1.1255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3528	1.6632	.01288	.00075	295.25	-.00210	.07067
Stddev	.0011	.0347	.00051	.00060	2.78	.00023	.00019
%RSD	.08243	2.0876	3.9484	80.407	.94238	11.170	.26292

#1	1.3537	1.7032	.01231	.00054	292.14	-.00215	.07052
#2	1.3516	1.6410	.01329	.00143	296.14	-.00185	.07088
#3	1.3531	1.6454	.01303	.00028	297.49	-.00231	.07062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2779	-.00018	-.01499	.17900	.45432	.00304	-.00005
Stddev	.0283	.00013	.00712	.00949	.00596	.00060	.00126
%RSD	2.2120	71.031	47.482	5.3030	1.3128	19.681	2613.5

#1	1.2455	-.00024	-.02164	.16811	.45408	.00236	.00140
#2	1.2911	-.00003	-.00748	.18551	.44848	.00350	-.00062
#3	1.2972	-.00026	-.01586	.18338	.46041	.00324	-.00092

Sample Name: K1518-08 Acquired: 2/20/2019 18:18:33 Type: Unk
Method: P4-ICP2(v2881) 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	.00720	.0023	.07038	5.8991	F<.00000
Stddev	.00244	.0009	.00004	.0797	1.3923
%RSD	33.958	37.71	.06284	1.3510	11.929

#1	.00675	.0014	.07037	5.9871	-13.107
#2	.00501	.0032	.07035	5.8782	-11.581
#3	.00984	.0023	.07043	5.8318	-10.327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.3	36109.	3622.9	14.311	2514.0
Stddev	9.4	22.	34.9	.960	5.4
%RSD	.39560	.06004	.96437	6.7061	.21418

#1	2358.4	36088.	3639.7	15.089	2508.7
#2	2369.3	36131.	3646.3	13.239	2513.7
#3	2377.1	36110.	3582.7	14.607	2519.5

Sample Name: CCV07 Acquired: 2/20/2019 18:23:06 Type: Unk
Method: P4-ICP2(v2881) 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	4.9658	4.9123	4.8703	5.0392	5.0299	10.035	9.9987
Stddev	.0108	.0274	.0132	.0233	.0158	.042	.1417
%RSD	.21700	.55797	.27103	.46327	.31420	.41710	1.4176

#1	4.9663	4.9069	4.8606	5.0626	5.0433	10.069	9.8357
#2	4.9762	4.9419	4.8853	5.0393	5.0341	9.9881	10.093
#3	4.9547	4.8879	4.8650	5.0159	5.0125	10.047	10.067

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24699	2.4084	25.036	1.0089	2.4409	1.2552	4.9730
Stddev	.00055	.0080	.131	.0038	.0095	.0040	.0583
%RSD	.22361	.33064	.52336	.37551	.38728	.31454	1.1731

#1	.24639	2.4075	24.886	1.0077	2.4407	1.2556	4.9096
#2	.24711	2.4168	25.129	1.0059	2.4505	1.2589	5.0243
#3	.24747	2.4010	25.093	1.0132	2.4316	1.2510	4.9852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4882	24.964	2.4265	1.2652	24.565	2.4612	2.4621
Stddev	.0044	.154	.0077	.0011	.398	.0056	.0064
%RSD	.17656	.61814	.31665	.08987	1.6187	.22732	.26037

#1	2.4911	24.796	2.4242	1.2656	24.113	2.4634	2.4613
#2	2.4832	25.099	2.4351	1.2639	24.862	2.4548	2.4689
#3	2.4904	24.998	2.4202	1.2661	24.720	2.4654	2.4562

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.320	4.9747	4.8597	4.8137	5.3627	4.8555	4.9864
Stddev	.218	.0148	.0426	.0256	.0632	.0289	.0385
%RSD	.89634	.29689	.87581	.53073	1.1789	.59532	.77153

#1	24.070	4.9819	4.8153	4.8253	5.2949	4.8562	4.9437
#2	24.470	4.9845	4.8637	4.8314	5.4201	4.8840	4.9973
#3	24.420	4.9577	4.9002	4.7844	5.3730	4.8262	5.0183

Sample Name: CCV07 Acquired: 2/20/2019 18:23:06 Type: Unk
 Method: P4-ICP2(v2881) 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	4.9030	4.870	4.9532	F 5.8898	F<.00000
Stddev	.0662	.001	.0640	.1349	5.0084
%RSD	1.3502	.0209	1.2912	2.2900	204.95
#1	4.8278	4.870	4.8803	5.9298	-3.1322
#2	4.9524	4.869	5.0001	5.7394	-7.0723
#3	4.9289	4.871	4.9790	6.0001	2.8732
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2402.5	36361.	3470.2	13.220	2515.0
Stddev	7.1	76.	37.6	.356	7.6
%RSD	.29421	.20845	1.0840	2.6936	.30113
#1	2396.5	36310.	3510.7	13.532	2514.2
#2	2400.6	36448.	3436.4	12.832	2507.9
#3	2410.3	36325.	3463.6	13.296	2523.0

Sample Name: CCB07 Acquired: 2/20/2019 18:27:05 Type: Unk
Method: P4-ICP2(v2881) 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	-.00096	-.00189	.00165	.00167	-.00074	.00085	.00865
Stddev	.00150	.00108	.00053	.00202	.00060	.01109	.00042
%RSD	157.24	57.135	32.263	121.16	82.233	1297.3	4.9139

#1	-.00004	-.00092	.00106	.00036	-.00044	.00573	.00829
#2	-.00269	-.00306	.00210	.00400	-.00033	-.01184	.00912
#3	-.00014	-.00171	.00178	.00065	-.00143	.00867	.00853

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00015	.01887	.00025	-.00008	-.00055	-.00172
Stddev	.00009	.00011	.00684	.00044	.00007	.00041	.00175
%RSD	121.58	72.215	36.229	176.57	90.926	74.735	101.96

#1	-.00002	-.00003	.01521	-.00022	-.00002	-.00091	-.00343
#2	.00015	-.00022	.01465	.00032	-.00016	-.00010	-.00180
#3	.00008	-.00019	.02676	.00065	-.00007	-.00065	.00007

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.02094	-.00036	.00048	.07377	-.00069	.00004
Stddev	.00006	.03522	.00022	.00020	.01406	.00047	.00014
%RSD	1987.5	168.22	59.751	41.469	19.057	68.461	313.03

#1	-.00006	-.06139	-.00016	.00032	.08316	-.00123	-.00001
#2	.00007	.00286	-.00059	.00070	.05761	-.00036	-.00006
#3	-.00001	-.00427	-.00033	.00042	.08055	-.00048	.00020

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10846	.00011	-.01925	F .04355	.01317	.00041	-.00038
Stddev	.02182	.00019	.00115	.00366	.00161	.00072	.00331
%RSD	20.113	172.57	5.9917	8.4049	12.206	173.41	879.93

#1	.08707	-.00005	-.02043	.04328	.01229	.00114	.00322
#2	.13068	.00032	-.01917	.04002	.01219	.00039	-.00107
#3	.10765	.00007	-.01813	.04733	.01502	-.00029	-.00328

Sample Name: CCB07 Acquired: 2/20/2019 18:27:05 Type: Unk
Method: P4-ICP2(v2881) 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	.00002	F 4.6963	F<.00000
Stddev	.00159	.0008	.00010	.0897	3.2607
%RSD	86.893	592.6	637.96	1.9103	100.01
#1	.00362	.0000	.00011	4.5968	.41375
#2	.00128	.0006	.00003	4.7710	-4.3849
#3	.00059	-.0010	-.00009	4.7211	-5.8100
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2510.6	37946.	3539.8	15.203	2855.7
Stddev	7.5	69.	63.6	.894	12.9
%RSD	.29994	.18097	1.7980	5.8775	.45154
#1	2503.9	38001.	3475.8	14.757	2850.3
#2	2518.8	37869.	3540.7	14.620	2870.4
#3	2509.2	37968.	3603.0	16.232	2846.4

Sample Name: K1518-10 Acquired: 2/20/2019 18:31:33 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00159	-.00590	.06635	.00225	-.00198	.07996	.34248
Stddev	.00032	.00134	.00027	.00174	.00140	.02013	.00215
%RSD	20.286	22.757	.41335	77.623	70.790	25.174	.62711

#1	-.00196	-.00740	.06645	.00353	-.00061	.07108	.34273
#2	-.00141	-.00479	.06655	.00026	-.00342	.06580	.34022
#3	-.00139	-.00552	.06604	.00296	-.00192	.10300	.34449

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00730	53.514	.00058	.00829	.06487	.06589
Stddev	.00009	.00007	.463	.00031	.00019	.00032	.00263
%RSD	648.10	.91649	.86578	53.372	2.2323	.49077	3.9879

#1	-.00009	.00727	53.325	.00022	.00816	.06462	.06881
#2	.00008	.00738	54.042	.00080	.00850	.06477	.06517
#3	.00005	.00725	53.175	.00071	.00822	.06523	.06371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0731	7.4415	.02105	.00022	325.72	-.00150	.23504
Stddev	.0025	.0526	.00022	.00013	5.88	.00018	.00030
%RSD	.23317	.70677	1.0503	58.266	1.8052	11.771	.12634

#1	1.0703	7.3831	.02110	.00011	327.64	-.00153	.23471
#2	1.0741	7.4563	.02125	.00036	330.41	-.00165	.23526
#3	1.0749	7.4851	.02081	.00019	319.13	-.00130	.23517

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3851	.00008	-.01364	.26013	.89248	.00427	-.00057
Stddev	.0766	.00054	.00251	.01924	.00491	.00064	.00123
%RSD	5.5276	699.27	18.413	7.3967	.55051	14.985	214.45

#1	1.3447	.00008	-.01074	.23802	.89676	.00414	.00042
#2	1.4734	.00062	-.01522	.26927	.89357	.00497	-.00019
#3	1.3373	-.00046	-.01495	.27310	.88712	.00371	-.00195

Sample Name: K1518-10 Acquired: 2/20/2019 18:31:33 Type: Unk
 Method: P4-ICP2(v2881) 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	.01136	.0088	.42843	6.0652	F<.00000
Stddev	.00214	.0013	.00384	.1003	3.0342
%RSD	18.838	14.40	.89514	1.6531	8.0937
#1	.01088	.0079	.42870	6.0937	-40.934
#2	.00951	.0083	.43211	6.1482	-35.215
#3	.01371	.0102	.42446	5.9538	-36.317
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2355.3	35488.	3624.7	13.610	2478.2
Stddev	10.9	146.	45.1	1.065	7.0
%RSD	.46197	.41006	1.2455	7.8244	.28298
#1	2343.6	35450.	3597.9	14.241	2470.3
#2	2365.2	35366.	3599.3	14.207	2480.9
#3	2357.0	35649.	3676.8	12.380	2483.6

Sample Name: K1518-12 Acquired: 2/20/2019 18:36:06 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	-.00548	.02642	.00590	-.00165	.11359	.23426
Stddev	.00127	.00243	.00086	.00484	.00192	.00360	.00117
%RSD	355.54	44.357	3.2678	82.135	116.33	3.1730	.50020

#1	-.00107	-.00619	.02574	.01131	-.00238	.11760	.23458
#2	.00138	-.00277	.02612	.00441	.00053	.11063	.23524
#3	.00076	-.00747	.02739	.00197	-.00309	.11253	.23296

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00300	20.291	.00041	.01365	.01304	.90249
Stddev	.00013	.00005	.116	.00026	.00010	.00031	.00743
%RSD	61.491	1.7808	.57107	64.519	.72617	2.3946	.82359

#1	.00006	.00297	20.167	.00015	.01375	.01307	.89598
#2	.00026	.00296	20.310	.00040	.01365	.01334	.91059
#3	.00029	.00306	20.396	.00068	.01355	.01272	.90091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8495	2.2739	.02501	.00033	346.25	-.00214	.07405
Stddev	.0040	.0162	.00054	.00009	.78	.00062	.00012
%RSD	.21559	.71060	2.1450	27.707	.22442	28.930	.15638

#1	1.8497	2.2888	.02538	.00028	345.37	-.00229	.07416
#2	1.8453	2.2567	.02440	.00029	346.82	-.00267	.07393
#3	1.8533	2.2763	.02527	.00044	346.56	-.00146	.07405

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3437	-.00009	.00340	.25728	.60740	.00362	-.00082
Stddev	.0376	.00009	.00873	.00841	.00696	.00076	.00176
%RSD	1.6040	102.20	256.53	3.2692	1.1454	20.913	214.69

#1	2.3735	-.00015	.01121	.26090	.60149	.00362	-.00283
#2	2.3560	.00002	.00502	.24766	.61507	.00438	-.00011
#3	2.3014	-.00015	-.00602	.26328	.60564	.00287	.00048

Sample Name: K1518-12 Acquired: 2/20/2019 18:36:06 Type: Unk
 Method: P4-ICP2(v2881) 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	.01692	.0059	.08705	5.6572	F<.00000
Stddev	.00380	.0024	.00030	.1905	3.7857
%RSD	22.452	39.94	.34908	3.3682	16.818
#1	.01579	.0032	.08741	5.8365	-21.626
#2	.02116	.0076	.08688	5.4571	-26.659
#3	.01382	.0069	.08687	5.6779	-19.244
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2392.3	35896.	3610.0	13.736	2509.2
Stddev	11.0	73.	20.7	.384	8.9
%RSD	.46032	.20247	.57425	2.7962	.35332
#1	2387.8	35817.	3607.2	14.180	2509.3
#2	2384.2	35960.	3590.8	13.500	2500.2
#3	2404.8	35911.	3632.0	13.530	2518.0

Sample Name: K1518-14 Acquired: 2/20/2019 18:40:39 Type: Unk
Method: P4-ICP2(v2881) 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	-.00152	-.00573	.02263	-.00000	-.00239	.07351	.17153
Stddev	.00223	.00031	.00063	.00510	.00109	.02987	.00294
%RSD	146.77	5.4539	2.7659	225110.	45.775	40.633	1.7152

#1	-.00012	-.00545	.02268	.00533	-.00335	.03996	.17012
#2	-.00035	-.00607	.02199	-.00052	-.00260	.09720	.17491
#3	-.00409	-.00567	.02324	-.00482	-.00120	.08336	.16956

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00180	94.344	.00219	.00155	.01286	.00668
Stddev	.00003	.00002	.480	.00044	.00011	.00048	.00176
%RSD	32.496	1.0992	.50890	19.935	7.0505	3.7377	26.399

#1	.00011	.00177	93.866	.00171	.00163	.01234	.00715
#2	.00006	.00181	94.827	.00256	.00143	.01328	.00473
#3	.00007	.00181	94.340	.00229	.00160	.01296	.00817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26171	3.5139	.00672	.00027	307.33	.00012	.12031
Stddev	.00046	.0459	.00021	.00008	2.45	.00052	.00012
%RSD	.17391	1.3057	3.0675	30.208	.79754	433.92	.09840

#1	.26222	3.4610	.00692	.00023	306.60	.00071	.12044
#2	.26158	3.5421	.00673	.00036	310.07	-.00010	.12021
#3	.26134	3.5387	.00651	.00021	305.33	-.00025	.12028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3859	.00060	.00001	1.1846	1.4564	.00478	-.00190
Stddev	.0042	.00052	.00675	.0235	.0056	.00053	.00253
%RSD	.30312	86.559	53090.	1.9833	.38800	11.128	133.03

#1	1.3843	.00120	.00622	1.2110	1.4525	.00421	-.00460
#2	1.3907	.00033	-.00718	1.1765	1.4629	.00526	.00041
#3	1.3828	.00027	.00100	1.1662	1.4538	.00489	-.00151

Sample Name: K1518-14 Acquired: 2/20/2019 18:40:39 Type: Unk
 Method: P4-ICP2(v2881) 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	.01691	.0379	.30573	5.5036	F<.00000
Stddev	.00208	.0022	.00117	.2055	3.2973
%RSD	12.323	5.688	.38146	3.7331	7.0573
#1	.01930	.0356	.30635	5.7108	-44.009
#2	.01549	.0399	.30645	5.5001	-50.392
#3	.01594	.0382	.30438	5.3000	-45.766
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2401.8	35912.	3637.6	14.898	2503.8
Stddev	15.1	174.	14.5	2.029	13.1
%RSD	.63064	.48579	.39936	13.620	.52445
#1	2388.1	35742.	3629.9	13.801	2491.2
#2	2418.1	35904.	3628.5	13.654	2517.4
#3	2399.4	36091.	3654.3	17.240	2502.9

Sample Name: K1518-16 Acquired: 2/20/2019 18:45:12 Type: Unk
Method: P4-ICP2(v2881) 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	-.00286	-.00475	.02498	.00236	-.00092	.05980	.26537
Stddev	.00067	.00178	.00139	.00267	.00066	.02206	.00066
%RSD	23.512	37.361	5.5672	113.16	71.553	36.898	.25050

#1	-.00209	-.00321	.02601	.00255	-.00144	.08468	.26461
#2	-.00316	-.00669	.02554	-.00040	-.00018	.05209	.26563
#3	-.00332	-.00436	.02340	.00493	-.00114	.04262	.26586

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00256	47.721	.00137	.00624	.03010	.01698
Stddev	.00010	.00005	.325	.00053	.00009	.00054	.00160
%RSD	929.05	1.8687	.68127	38.465	1.4340	1.7872	9.4271

#1	.00011	.00253	48.042	.00110	.00631	.02997	.01513
#2	-.00010	.00262	47.392	.00104	.00614	.02964	.01793
#3	.00002	.00254	47.728	.00198	.00626	.03069	.01787

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41085	8.4723	.01277	.00016	284.38	-.00002	.16923
Stddev	.00028	.0407	.00017	.00073	.90	.00022	.00035
%RSD	.06754	.48084	1.3387	466.74	.31576	1293.6	.20509

#1	.41110	8.4544	.01269	-.00020	283.79	.00002	.16933
#2	.41055	8.5189	.01265	.00100	285.41	-.00025	.16952
#3	.41091	8.4435	.01296	-.00033	283.93	.00018	.16885

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2663	.00009	-.00847	.24669	.81454	.00302	-.00023
Stddev	.0122	.00033	.00849	.00916	.00896	.00013	.00062
%RSD	.96645	371.42	100.25	3.7114	1.1002	4.2758	264.04

#1	1.2635	-.00024	-.01600	.25467	.82163	.00289	.00029
#2	1.2558	.00008	.00073	.24870	.81752	.00304	-.00008
#3	1.2798	.00042	-.01013	.23669	.80447	.00315	-.00092

Sample Name: K1518-16 Acquired: 2/20/2019 18:45:12 Type: Unk
Method: P4-ICP2(v2881) 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	.0275	.14716	4.9826	F<.00000
Stddev	.00244	.0013	.00064	.1235	2.2474
%RSD	19.046	4.684	.43169	2.4785	5.8239
#1	.01045	.0264	.14731	4.9181	-40.019
#2	.01264	.0289	.14646	4.9047	-39.752
#3	.01532	.0272	.14771	5.1250	-36.000
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2484.6	37016.	3738.0	14.165	2614.8
Stddev	13.7	87.	22.8	.365	12.6
%RSD	.55080	.23575	.60951	2.5764	.48060
#1	2473.5	36954.	3715.4	13.750	2604.5
#2	2499.9	36979.	3737.8	14.308	2628.8
#3	2480.3	37116.	3760.9	14.437	2611.2

Sample Name: K1518-18 Acquired: 2/20/2019 18:49:45 Type: Unk
Method: P4-ICP2(v2881) 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	.00265	-.00578	.00175	.00862	-.00237	.08686	.22186	-.00007
Stddev	.00237	.00138	.00103	.00459	.00196	.01555	.00465	.00014
%RSD	89.679	23.919	58.812	53.208	82.886	17.904	2.0974	191.17
#1	-.00008	-.00638	.00227	.00999	-.00356	.08659	.21653	.00006
#2	.00423	-.00676	.00057	.01237	-.00345	.10255	.22391	-.00007
#3	.00379	-.00420	.00242	.00350	-.00010	.07145	.22513	-.00022
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	11.727	-.00167	.00305	.00113	17.242	2.1574	1.9060
Stddev	.00013	.082	.00013	.00019	.00070	.142	.0069	.0411
%RSD	14.394	.69796	7.7820	6.1366	61.613	.82138	.32207	2.1576
#1	-.00103	11.644	-.00165	.00305	.00133	17.079	2.1527	1.8930
#2	-.00077	11.731	-.00181	.00323	.00036	17.310	2.1541	1.8730
#3	-.00090	11.807	-.00155	.00286	.00171	17.336	2.1654	1.9521
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00570	-.00033	289.55	-.00247	.01918	2.0544	-.00038	.00670
Stddev	.00033	.00048	4.91	.00042	.00011	.0187	.00025	.00241
%RSD	5.7904	144.40	1.6969	17.059	.57353	.91255	65.743	36.049
#1	.00586	-.00004	284.62	-.00264	.01930	2.0671	-.00009	.00529
#2	.00532	-.00007	289.60	-.00199	.01915	2.0633	-.00055	.00948
#3	.00592	-.00089	294.44	-.00277	.01908	2.0329	-.00050	.00531
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16727	.54980	.00285	.00155	.00699	.0134	.04395	5.1507
Stddev	.02046	.00434	.00026	.00102	.00121	.0012	.00006	.0880
%RSD	12.231	.78977	9.1016	65.840	17.356	8.854	.13541	1.7091
#1	.17910	.54493	.00255	.00037	.00763	.0148	.04401	5.2351
#2	.17906	.55120	.00296	.00215	.00559	.0127	.04389	5.0594
#3	.14365	.55327	.00304	.00214	.00775	.0128	.04394	5.1575

Sample Name: K1518-18 Acquired: 2/20/2019 18:49:45 Type: Unk
Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 173.97
Stddev 1.85
%RSD 1.0641

#1 175.73
#2 172.04
#3 174.15

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2488.4	37006.	3714.7	15.179	2617.0
Stddev	9.2	218.	16.6	1.798	7.7
%RSD	.36922	.58902	.44787	11.846	.29413

#1	2479.7	36773.	3733.9	13.207	2611.0
#2	2487.6	37205.	3704.5	15.602	2614.4
#3	2498.0	37040.	3705.7	16.727	2625.7

Sample Name: K1518-20 Acquired: 2/20/2019 18:54:19 Type: Unk
Method: P4-ICP2(v2881) 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	-.00726	.00881	.00652	-.00075	.18107	.24009	.00023
Stddev	.00327	.00178	.00161	.00161	.00066	.00364	.00728	.00012
%RSD	90.080	24.463	18.214	24.754	88.145	2.0085	3.0335	51.503

#1	-.00444	-.00896	.00979	.00475	-.00142	.18225	.24560	.00010
#2	-.00641	-.00542	.00970	.00792	-.00074	.17699	.23183	.00033
#3	-.00003	-.00741	.00696	.00688	-.00009	.18397	.24283	.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	26.659	-.00394	.01486	.00035	7.0934	7.0936	4.5576
Stddev	.00015	.147	.00018	.00020	.00056	.0649	.0302	.0106
%RSD	76.021	.55067	4.4774	1.3306	158.33	.91518	.42581	.23208

#1	.00034	26.500	-.00404	.01485	.00026	7.0384	7.1267	4.5580
#2	.00005	26.690	-.00373	.01467	.00096	7.0767	7.0867	4.5680
#3	.00018	26.788	-.00403	.01507	-.00015	7.1650	7.0675	4.5468

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02989	.00085	308.42	-.01013	.09957	2.2707	-.00045	-.00652
Stddev	.00013	.00053	5.45	.00020	.00051	.0350	.00005	.00252
%RSD	.41852	61.834	1.7687	1.9585	.51225	1.5436	10.168	38.648

#1	.02984	.00051	302.26	-.01021	.09990	2.2310	-.00043	-.00773
#2	.02980	.00146	310.37	-.01028	.09898	2.2837	-.00042	-.00821
#3	.03004	.00059	312.63	-.00991	.09981	2.2974	-.00050	-.00363

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37577	1.2419	.00405	.00571	.01015	.0063	.08470	4.6617
Stddev	.00894	.0081	.00006	.00212	.00032	.0006	.00019	.0562
%RSD	2.3798	.64973	1.5516	37.079	3.1737	8.834	.22558	1.2059

#1	.38504	1.2413	.00398	.00611	.00978	.0069	.08491	4.6370
#2	.36720	1.2341	.00405	.00343	.01038	.0062	.08456	4.6220
#3	.37507	1.2502	.00411	.00761	.01029	.0058	.08461	4.7260

Sample Name: K1518-20 Acquired: 2/20/2019 18:54:19 Type: Unk
 Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 45.507
 Stddev 5.158
 %RSD 11.335

#1 44.265
 #2 41.083
 #3 51.173

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2521.3	37422.	3765.2	15.201	2611.9
Stddev	7.0	116.	25.3	.281	7.6
%RSD	.27894	.30961	.67113	1.8483	.29055

#1	2516.4	37358.	3785.3	14.927	2603.9
#2	2529.4	37352.	3773.6	15.186	2619.0
#3	2518.2	37555.	3736.8	15.489	2612.8

Sample Name: K1518-22 Acquired: 2/20/2019 18:58:59 Type: Unk
Method: P4-ICP2(v2881) 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	.00197	-.00495	.01644	.00321	.00075	.14344	.20704	.00018
Stddev	.00431	.00152	.00022	.00031	.00189	.00215	.00259	.00003
%RSD	218.09	30.703	1.3173	9.6604	253.06	1.5017	1.2494	16.537
#1	-.00266	-.00569	.01667	.00350	.00085	.14348	.20438	.00021
#2	.00585	-.00320	.01624	.00288	.00258	.14558	.20954	.00015
#3	.00274	-.00595	.01642	.00324	-.00119	.14127	.20720	.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	5.4750	.00001	.01365	.00140	12.767	.85672	.89448
Stddev	.00007	.0257	.00032	.00009	.00055	.190	.00204	.00750
%RSD	9.0983	.47003	3930.1	.68595	38.828	1.4871	.23774	.83805
#1	-.00080	5.4459	-.00035	.01376	.00199	12.561	.85688	.90195
#2	-.00068	5.4842	.00027	.01359	.00130	12.934	.85868	.89453
#3	-.00069	5.4949	.00010	.01360	.00092	12.806	.85461	.88696
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04790	.00018	343.35	-.00115	.08447	1.5123	-.00054	-.00225
Stddev	.00108	.00009	5.50	.00023	.00020	.0078	.00003	.01325
%RSD	2.2501	52.647	1.6011	20.469	.23740	.51842	4.9240	587.74
#1	.04788	.00025	337.03	-.00103	.08458	1.5051	-.00055	-.01280
#2	.04899	.00007	347.08	-.00142	.08424	1.5112	-.00056	.01262
#3	.04684	.00021	345.93	-.00099	.08460	1.5207	-.00051	-.00659
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15240	.51672	.00325	.00179	.00415	.0064	.04855	4.8570
Stddev	.02862	.00774	.00069	.00115	.00211	.0006	.00016	.1826
%RSD	18.777	1.4982	21.131	64.363	50.900	10.03	.32456	3.7596
#1	.15076	.50794	.00392	.00307	.00205	.0071	.04843	4.9723
#2	.18180	.52256	.00255	.00086	.00627	.0060	.04850	4.9523
#3	.12464	.51965	.00327	.00143	.00413	.0060	.04873	4.6465

Sample Name: K1518-22 Acquired: 2/20/2019 18:58:59 Type: Unk
 Method: P4-ICP2(v2881) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 114.11
Stddev	3.29
%RSD	2.8804

#1	111.08
#2	113.67
#3	117.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2536.7	37102.	3746.6	14.877	2630.8
Stddev	13.2	219.	45.8	1.253	7.7
%RSD	.52017	.59117	1.2233	8.4248	.29113

#1	2542.5	36986.	3795.7	14.070	2636.4
#2	2521.6	36965.	3704.9	14.239	2622.0
#3	2545.9	37355.	3739.1	16.320	2633.9

Sample Name: CCV08 Acquired: 2/20/2019 19:03:32 Type: Unk
Method: P4-ICP2(v2881) 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	4.5187	4.7025	4.5721	4.7763	4.6955	9.7628	9.5064
Stddev	.0078	.0111	.0099	.0069	.0068	.1414	.0873
%RSD	.17278	.23619	.21592	.14352	.14417	1.4485	.91842

#1	4.5256	4.7029	4.5810	4.7709	4.7004	9.6636	9.5512
#2	4.5202	4.7134	4.5739	4.7739	4.6982	9.7001	9.5623
#3	4.5102	4.6912	4.5615	4.7840	4.6878	9.9248	9.4058

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23875	2.2957	23.935	.99100	2.3066	1.1938	4.7164
Stddev	.00057	.0070	.052	.00504	.0055	.0023	.0597
%RSD	.24035	.30694	.21612	.50850	.23675	.18898	1.2650

#1	.23859	2.3012	23.909	.99679	2.3117	1.1929	4.7697
#2	.23938	2.2981	23.994	.98764	2.3073	1.1964	4.7276
#3	.23827	2.2878	23.901	.98856	2.3009	1.1921	4.6520

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4056	23.409	2.2862	1.2253	23.559	2.3866	2.2956
Stddev	.0043	.033	.0057	.0067	.319	.0036	.0051
%RSD	.18090	.13936	.24841	.54622	1.3531	.15225	.22119

#1	2.4104	23.373	2.2926	1.2325	23.729	2.3898	2.3005
#2	2.4044	23.437	2.2844	1.2193	23.756	2.3874	2.2959
#3	2.4020	23.415	2.2816	1.2240	23.191	2.3827	2.2904

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.144	4.6370	4.5463	4.5856	4.9194	4.6079	4.6901
Stddev	.247	.0113	.0220	.0448	.0854	.0181	.0389
%RSD	1.0666	.24389	.48318	.97607	1.7355	.39362	.82824

#1	23.314	4.6478	4.5288	4.6299	4.9759	4.6173	4.6463
#2	23.257	4.6379	4.5709	4.5404	4.9611	4.6195	4.7036
#3	22.861	4.6253	4.5392	4.5866	4.8212	4.5870	4.7204

Sample Name: CCV08 Acquired: 2/20/2019 19:03:32 Type: Unk
Method: P4-ICP2(v2881) 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	4.6112	4.547	4.6690	4.7562	F<.00000
Stddev	.0392	.007	.0306	.0913	1.3762
%RSD	.84974	.1576	.65577	1.9204	20.162

#1	4.6330	4.548	4.6877	4.8616	-5.2441
#2	4.6346	4.540	4.6856	4.7070	-7.7502
#3	4.5659	4.554	4.6336	4.7000	-7.4828

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2597.3	37951.	3698.3	13.951	2685.3
Stddev	4.1	182.	62.9	.944	7.2
%RSD	.15718	.47943	1.7010	6.7635	.26676

#1	2592.8	37741.	3651.0	15.040	2677.3
#2	2598.4	38056.	3674.1	13.364	2687.2
#3	2600.8	38057.	3769.7	13.449	2691.3

Sample Name: CCB08 Acquired: 2/20/2019 19:07:31 Type: Unk
Method: P4-ICP2(v2881) 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	-.00082	.00013	-.00003	.00212	-.00086	-.00753	.00627
Stddev	.00141	.00059	.00126	.00282	.00060	.00798	.00270
%RSD	171.44	438.14	3910.5	133.34	69.899	105.87	43.148

#1	-.00124	.00078	.00012	-.00090	-.00120	.00154	.00665
#2	.00075	.00002	-.00136	.00255	-.00123	-.01068	.00876
#3	-.00198	-.00039	.00115	.00469	-.00017	-.01345	.00339

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00014	.01868	.00014	-.00009	-.00032	-.00164
Stddev	.00006	.00002	.01244	.00036	.00020	.00016	.00144
%RSD	191.41	15.277	66.579	255.97	215.92	49.855	87.322

#1	.00007	-.00011	.01639	.00035	-.00032	-.00050	-.00018
#2	.00006	-.00016	.03210	-.00027	.00001	-.00025	-.00170
#3	-.00004	-.00013	.00755	.00034	.00003	-.00021	-.00305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.04843	-.00056	.00029	.08993	-.00043	-.00004
Stddev	.00007	.05349	.00023	.00035	.00810	.00032	.00006
%RSD	158.08	110.45	41.919	121.96	9.0104	73.310	147.26

#1	.00010	.06939	-.00035	-.00008	.08831	-.00007	-.00005
#2	.00006	.08828	-.00081	.00062	.08275	-.00059	.00002
#3	-.00003	-.01237	-.00052	.00034	.09872	-.00064	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17416	-.00007	-.02163	F .05434	.00861	-.00015	.00131
Stddev	.03491	.00024	.00734	.00673	.00110	.00038	.00220
%RSD	20.046	341.86	33.923	12.388	12.784	255.11	168.01

#1	.18523	-.00021	-.02347	.06188	.00982	.00028	.00017
#2	.20220	-.00021	-.02788	.04893	.00767	-.00044	-.00009
#3	.13505	.00021	-.01355	.05222	.00833	-.00030	.00385

Sample Name: CCB08 Acquired: 2/20/2019 19:07:31 Type: Unk
 Method: P4-ICP2(v2881) 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	.00427	.0018	.00014	F 3.9337	F<.00000
Stddev	.00139	.0003	.00013	.1493	2.3311
%RSD	32.510	14.75	92.242	3.7956	166.86
#1	.00538	.0016	.00027	4.0924	.08885
#2	.00271	.0021	.00001	3.7960	-4.0836
#3	.00471	.0017	.00015	3.9127	-.19622
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2651.8	38998.	3644.5	14.908	2975.1
Stddev	4.2	159.	33.2	.885	5.7
%RSD	.15693	.40826	.91191	5.9390	.19238
#1	2653.9	38841.	3609.8	15.716	2977.3
#2	2647.0	38993.	3647.5	15.045	2968.6
#3	2654.6	39159.	3676.1	13.961	2979.4